

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066396.D
 Acq On : 25 Aug 2020 12:24
 Operator : VA/SY
 Sample : VD0825SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 4:23:02 PM

Quant Time: Aug 26 08:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	214210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	299404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	278970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	118032	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	
35) Dibromofluoromethane	7.91	113	99462	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.33	98	368328	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.63	95	133627	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	35905	19.716	ug/l	94
3) Chloromethane	2.21	50	24902	19.291	ug/l	100
4) Vinyl Chloride	2.34	62	26588	19.184	ug/l	93
5) Bromomethane	2.75	94	20368	19.648	ug/l	95
6) Chloroethane	2.91	64	16839	18.974	ug/l #	88
7) Trichlorofluoromethane	3.27	101	74316	19.719	ug/l	99
8) Diethyl Ether	3.71	74	16563	19.615	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	34892	18.760	ug/l	98
10) Methyl Iodide	4.30	142	29707	14.004	ug/l	97
11) Tert butyl alcohol	5.22	59	20382m	152.118	ug/l	
12) 1,1-Dichloroethene	4.06	96	31668	18.139	ug/l	94
13) Acrolein	3.92	56	8122	87.092	ug/l	97
14) Allyl chloride	4.71	41	42432	18.209	ug/l	96
15) Acrylonitrile	5.42	53	33911	100.091	ug/l #	84
16) Acetone	4.15	43	36453	96.280	ug/l	93
17) Carbon Disulfide	4.40	76	94171	17.798	ug/l #	93
18) Methyl Acetate	4.71	43	14566	20.498	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	86667	20.616	ug/l	96
20) Methylene Chloride	4.96	84	46697	19.177	ug/l #	88
21) trans-1,2-Dichloroethene	5.47	96	36938	18.175	ug/l	94
22) Diisopropyl ether	6.35	45	86049	19.072	ug/l	94
23) Vinyl Acetate	6.30	43	269873	96.622	ug/l	100
24) 1,1-Dichloroethane	6.26	63	61533	19.299	ug/l	98
25) 2-Butanone	7.20	43	42271	98.345	ug/l #	88
26) 2,2-Dichloropropane	7.21	77	67031	19.615	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	42939	19.718	ug/l	98
28) Bromochloromethane	7.53	49	20075	18.279	ug/l #	91
29) Tetrahydrofuran	7.56	42	24555	100.580	ug/l	96
30) Chloroform	7.70	83	72154	19.560	ug/l	98
31) Cyclohexane	7.97	56	50746	17.403	ug/l	93
32) 1,1,1-Trichloroethane	7.89	97	73965	19.591	ug/l	98
36) 1,1-Dichloropropene	8.10	75	51476	18.843	ug/l	100
37) Ethyl Acetate	7.28	43	18098	19.478	ug/l #	95
38) Carbon Tetrachloride	8.09	117	72234	20.295	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	59504	18.490	ug/l	97
40) Benzene	8.34	78	140331	19.526	ug/l	94
41) Methacrylonitrile	7.52	41	12676m	22.123	ug/l	
42) 1,2-Dichloroethane	8.41	62	51648	20.405	ug/l	98
43) Isopropyl Acetate	8.44	43	38867	20.841	ug/l	98
44) Trichloroethene	9.10	130	43735	18.728	ug/l	92
45) 1,2-Dichloropropane	9.38	63	31981	19.629	ug/l	100
46) Dibromomethane	9.47	93	19652	19.373	ug/l	96
47) Bromodichloromethane	9.66	83	58671	21.031	ug/l	93
48) Methyl methacrylate	9.46	41	17667	18.371	ug/l #	89
49) 1,4-Dioxane	9.46	88	3915	332.373	ug/l #	74
51) 4-Methyl-2-Pentanone	10.23	43	94110	104.314	ug/l	100
52) Toluene	10.40	92	96407	19.800	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	54242	20.491	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	59269	19.948	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	28970	21.095	ug/l	93
56) Ethyl methacrylate	10.66	69	32840	20.657	ug/l	93
57) 1,3-Dichloropropane	10.94	76	46164	20.323	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	73719	111.651	ug/l	95
59) 2-Hexanone	10.98	43	66656	104.744	ug/l	99
60) Dibromochloromethane	11.13	129	44388	21.443	ug/l	96
61) 1,2-Dibromoethane	11.24	107	27930	20.667	ug/l	97
64) Tetrachloroethene	10.87	164	40954	19.352	ug/l	91
65) Chlorobenzene	11.67	112	106697	19.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	44870	19.783	ug/l	98
67) Ethyl Benzene	11.74	91	190180	19.466	ug/l	96
68) m/p-Xylenes	11.86	106	149685	40.198	ug/l	98
69) o-Xylene	12.18	106	68820	19.866	ug/l	98
70) Styrene	12.20	104	119057	20.016	ug/l	98
71) Bromoform	12.36	173	27009	20.989	ug/l #	100
73) Isopropylbenzene	12.48	105	193220	19.653	ug/l	99
74) N-amyl acetate	12.29	43	36046	20.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	28695	20.431	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	19444m	18.832	ug/l	
77) Bromobenzene	12.76	156	49945	20.015	ug/l	96
78) n-propylbenzene	12.82	91	221801	19.675	ug/l	100
79) 2-Chlorotoluene	12.91	91	126935	19.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	166953	19.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10132	20.830	ug/l	100
82) 4-Chlorotoluene	13.00	91	137758	20.195	ug/l	98
83) tert-Butylbenzene	13.23	119	142568	19.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	172468	20.685	ug/l	98
85) sec-Butylbenzene	13.40	105	188446	19.507	ug/l	100
86) p-Isopropyltoluene	13.52	119	184992	19.860	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93591	20.092	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	93978	20.093	ug/l	99
89) n-Butylbenzene	13.84	91	158733	19.311	ug/l	100
90) Hexachloroethane	14.11	117	34985	19.013	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	82501	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5652	19.187	ug/l	95

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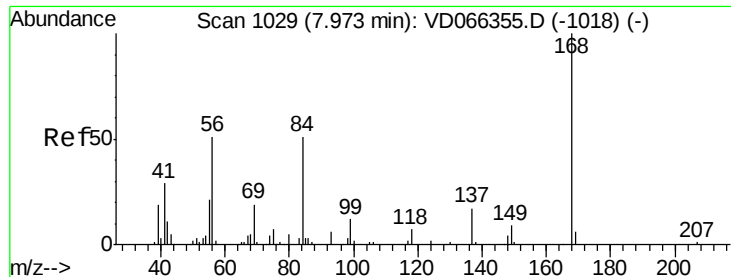
Manual Integrations
APPROVED

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8/26/2020 4:23:02 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	61581	19.671	ug/l	98
94) Hexachlorobutadiene	15.27	225	39540	20.324	ug/l	95
95) Naphthalene	15.41	128	100747	20.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	52801	19.689	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion:168 Resp: 214210

Ion Ratio Lower Upper

168 100

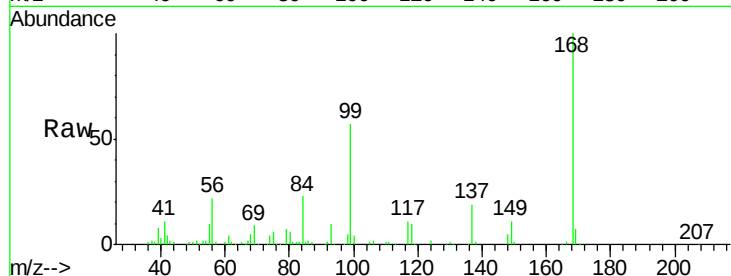
99 57.0 45.4 68.0

Manual Integrations

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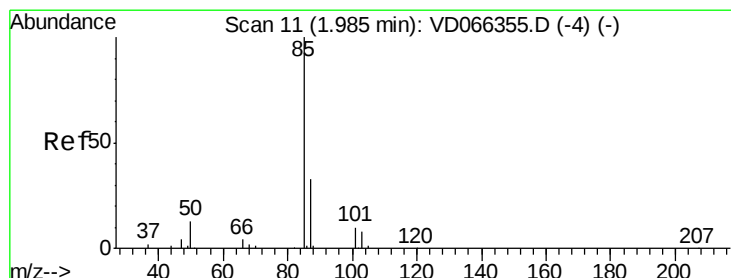
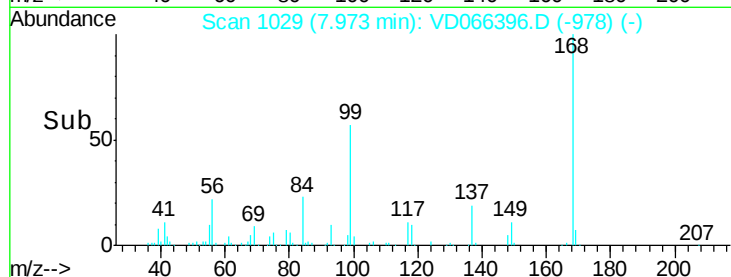
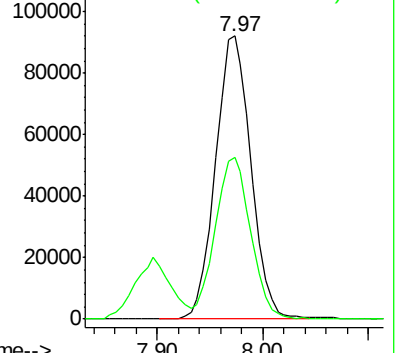
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.716 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066396.D

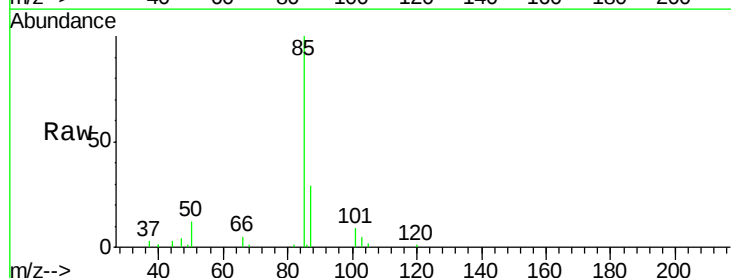
Acq: 25 Aug 2020 12:24

Tgt Ion: 85 Resp: 35905

Ion Ratio Lower Upper

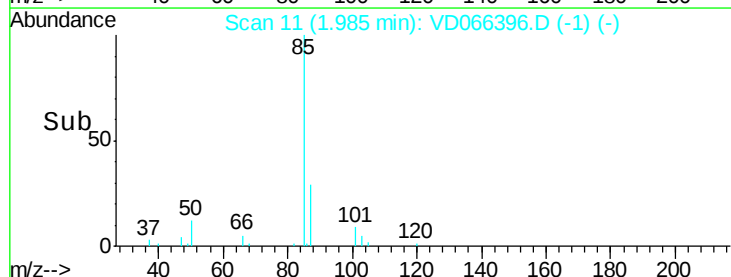
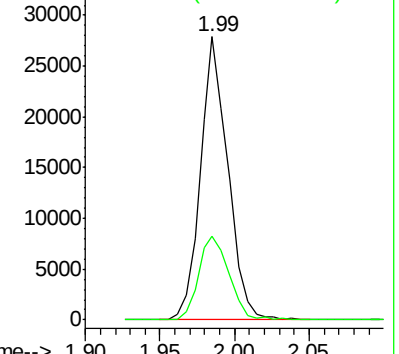
85 100

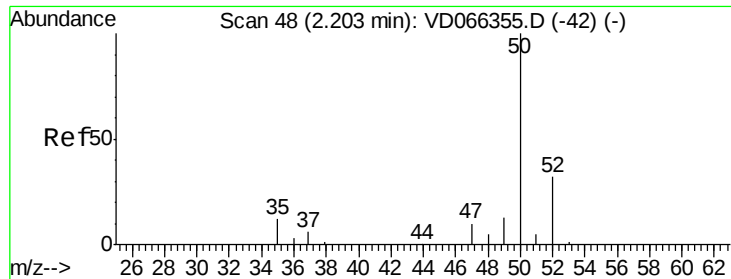
87 29.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.291 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 50 Resp: 24902

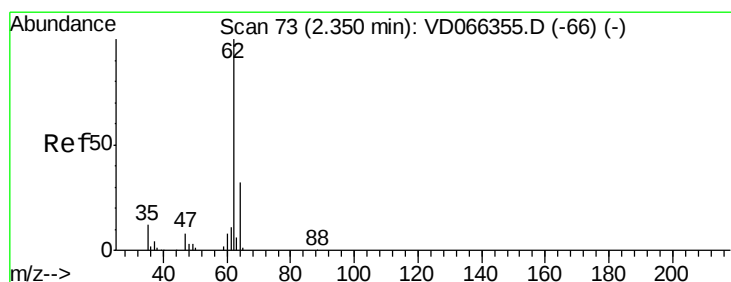
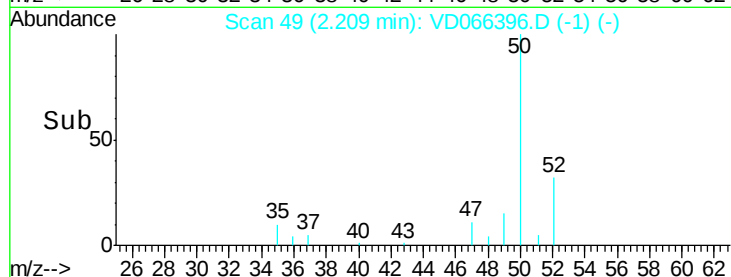
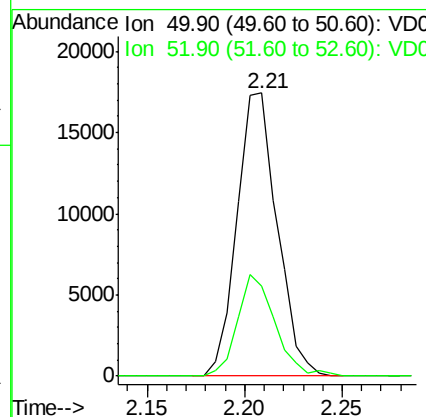
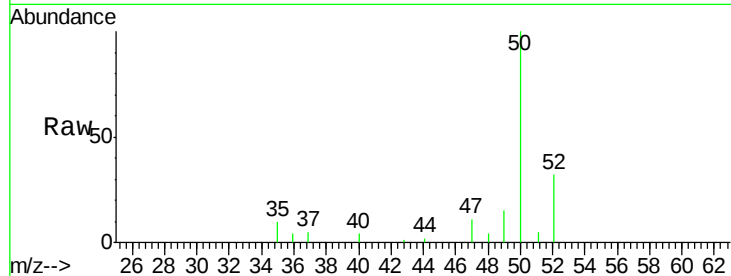
Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5

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#4

Vinyl Chloride

Concen: 19.184 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066396.D

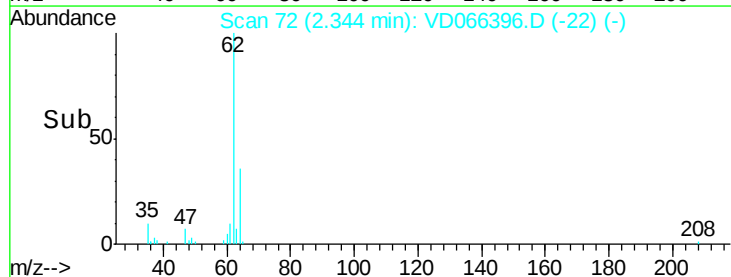
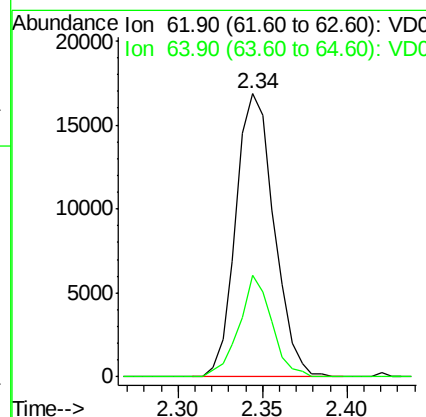
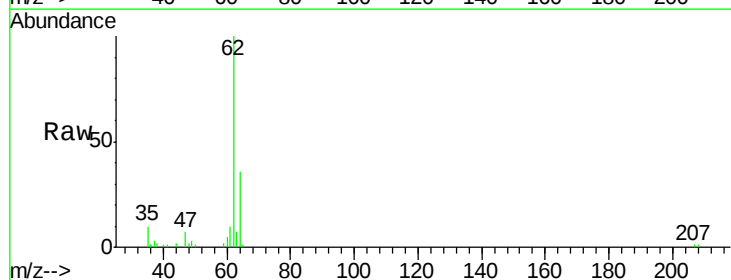
Acq: 25 Aug 2020 12:24

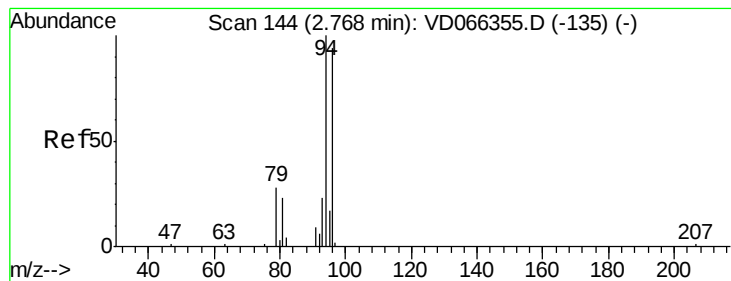
Tgt Ion: 62 Resp: 26588

Ion Ratio Lower Upper

62 100

64 36.0 25.4 38.2





#5

Bromomethane

Concen: 19.648 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 94 Resp: 20368

Ion Ratio Lower Upper

94 100

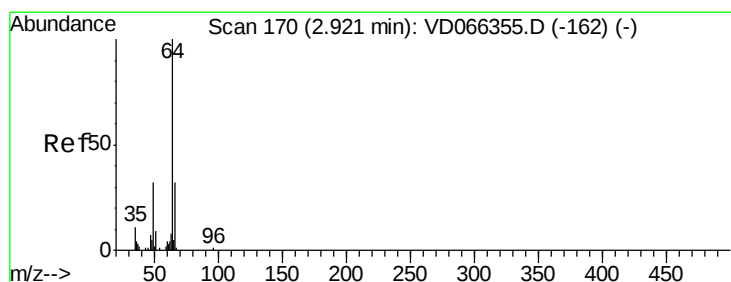
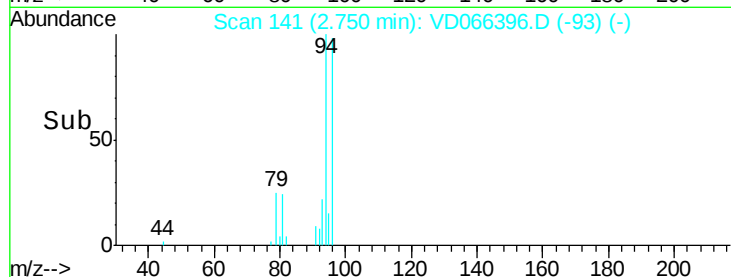
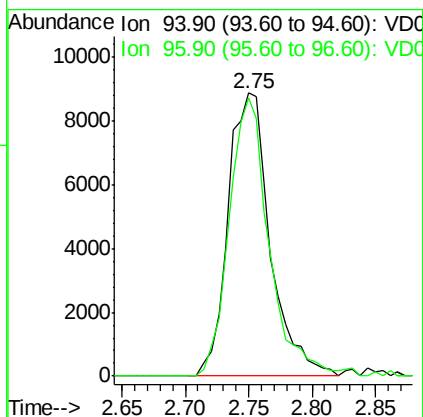
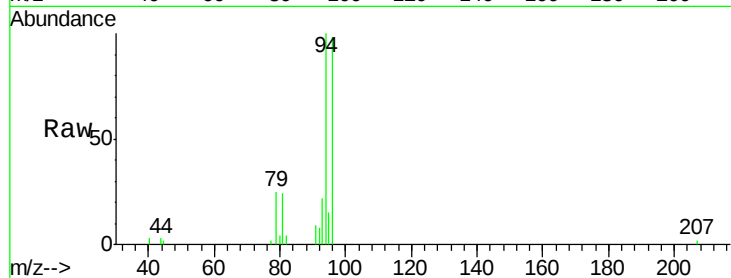
96 98.4 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 18.974 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066396.D

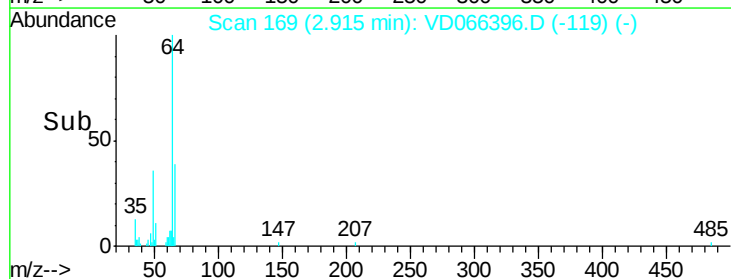
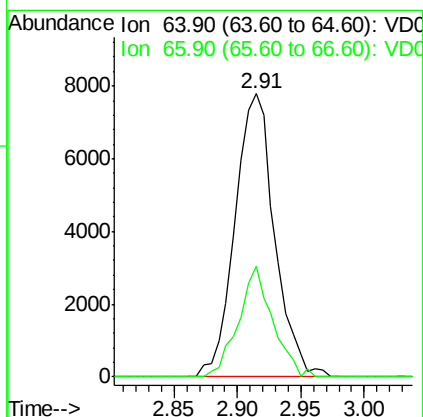
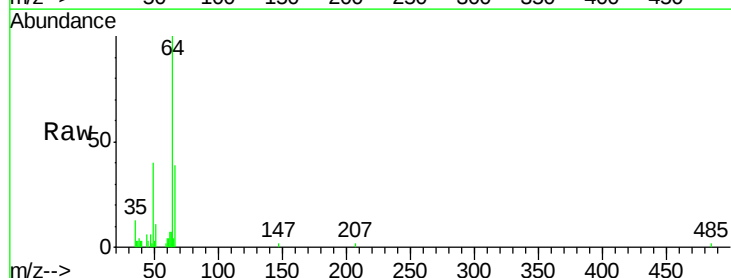
Acq: 25 Aug 2020 12:24

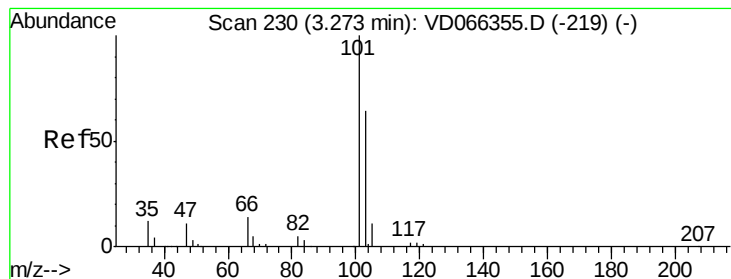
Tgt Ion: 64 Resp: 16839

Ion Ratio Lower Upper

64 100

66 39.2 25.9 38.9#





#7

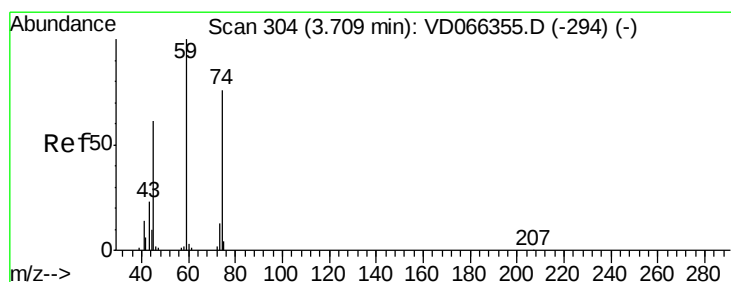
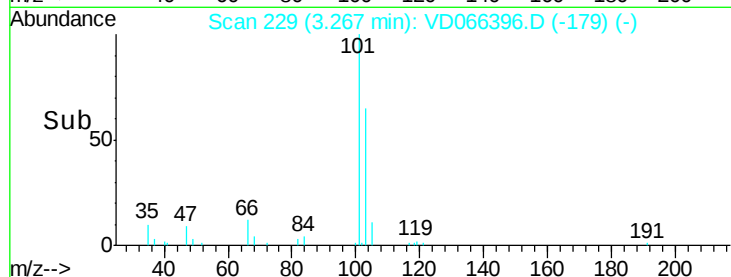
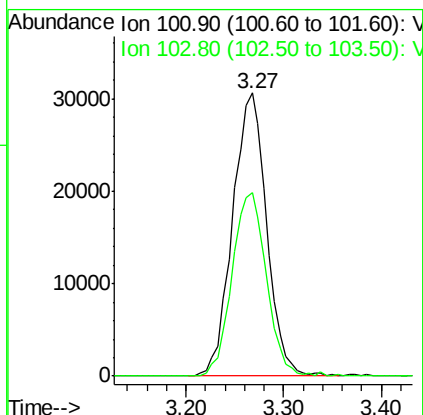
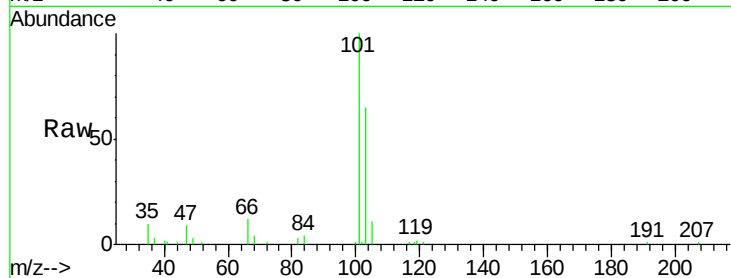
Trichlorofluoromethane
Concen: 19.719 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066396.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		74316		
103	64.9	51.4	77.0		

Manual Integrations
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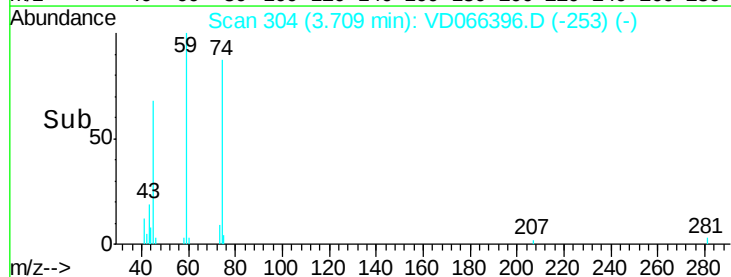
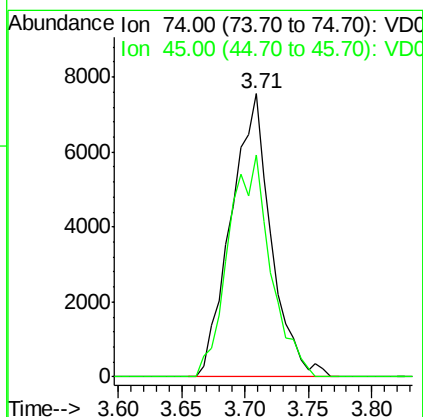
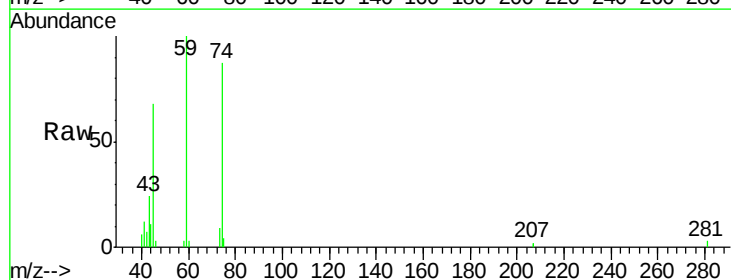
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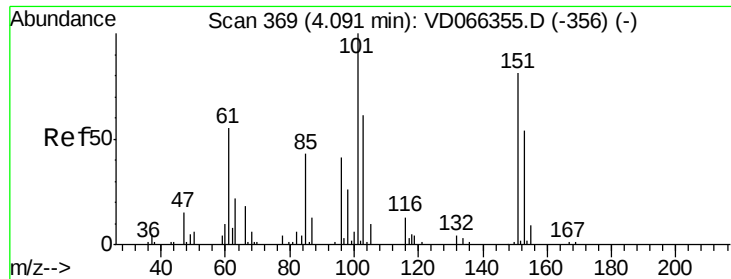


#8

Diethyl Ether
Concen: 19.615 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		16563		
45	82.1	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.760 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

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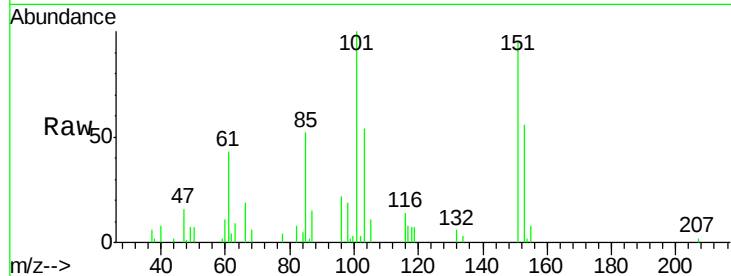
ClientSampleId :

VD0825SBS01

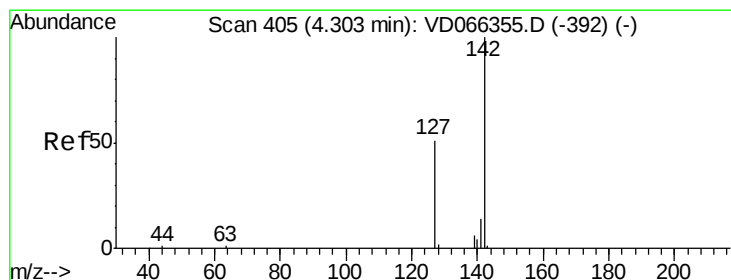
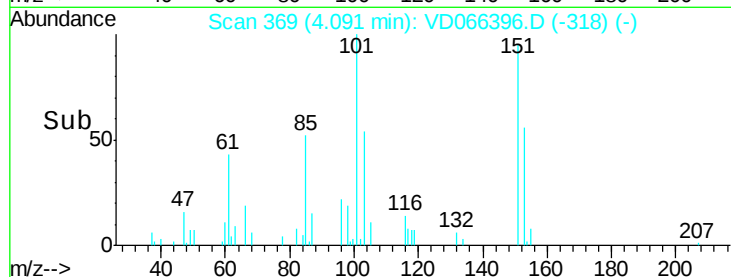
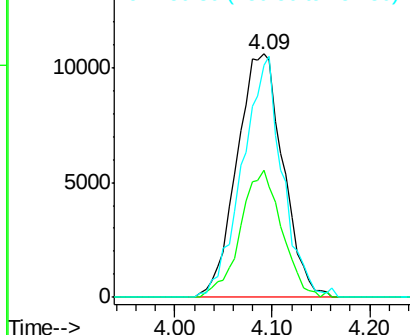
Tot Ion:	101	Resp:	34892
Ion Ratio	Lower	Upper	
101	100		
85	46.9	36.4	54.6
151	86.2	70.5	105.7

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.004 ug/l

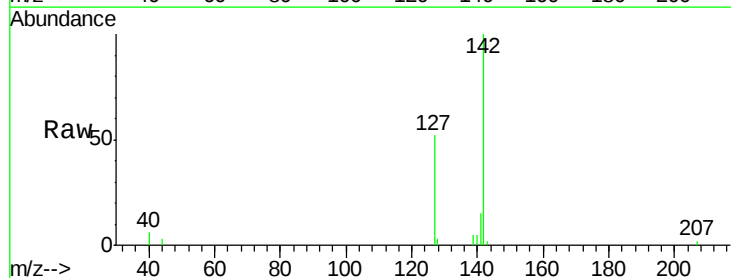
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

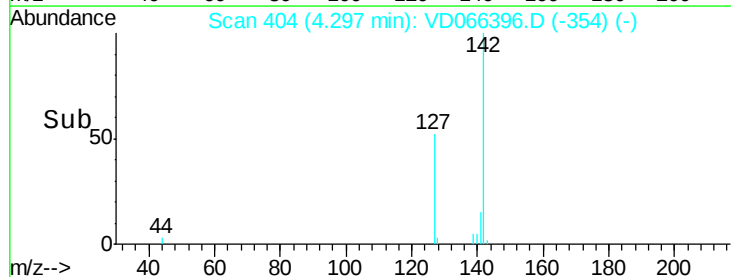
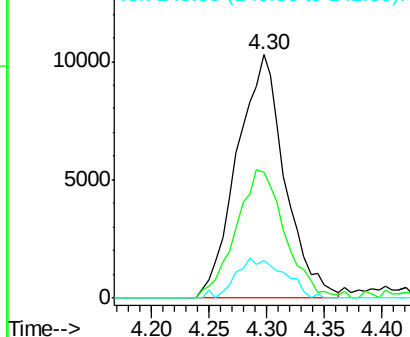
Lab File: VD066396.D

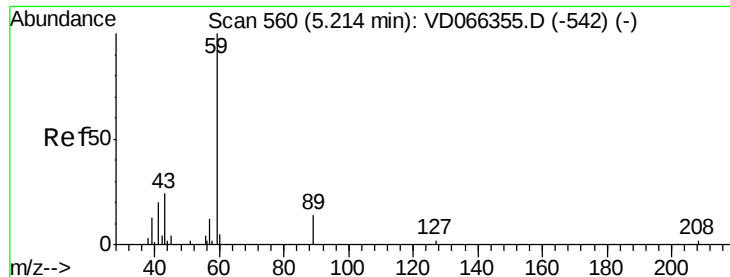
Acq: 25 Aug 2020 12:24

Tgt Ion:	142	Resp:	29707
Ion Ratio	Lower	Upper	
142	100		
127	53.9	41.8	62.8
141	16.6	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





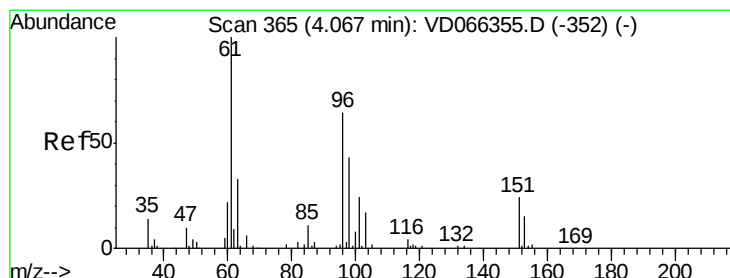
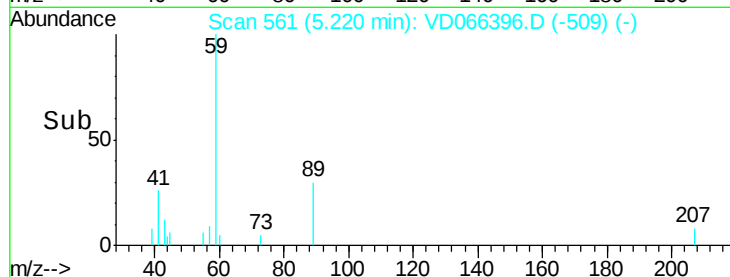
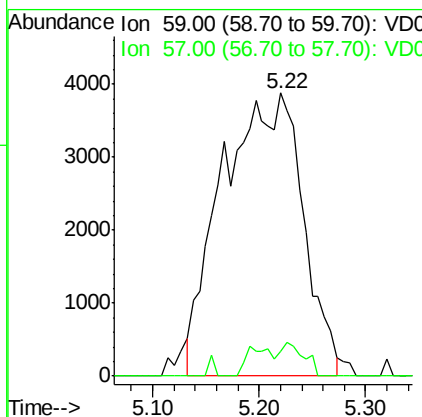
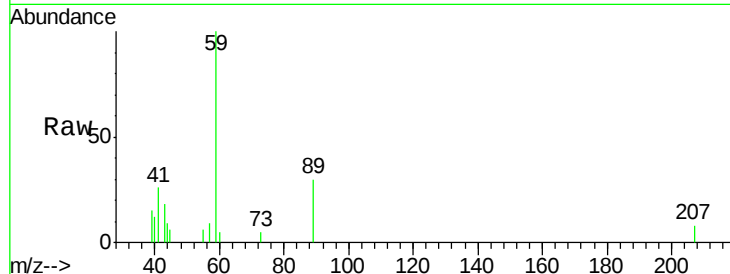
#11
Tert butyl alcohol
Concen: 152.118 ug/l m
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	20382		
57	0.0	9.0	13.4#	

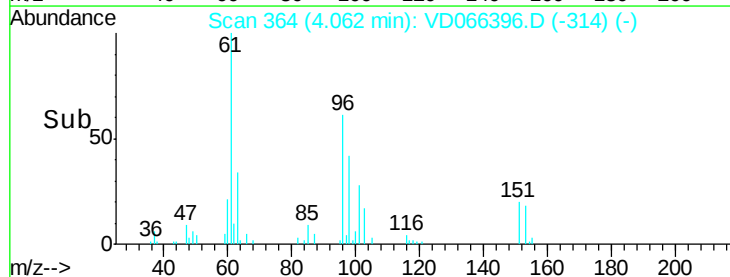
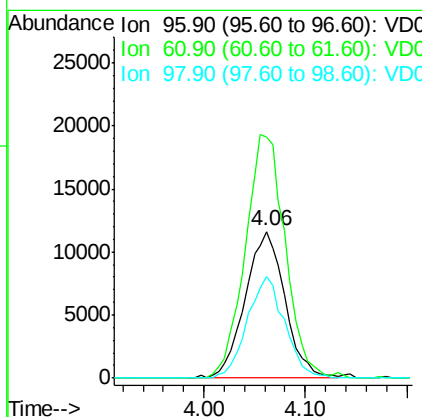
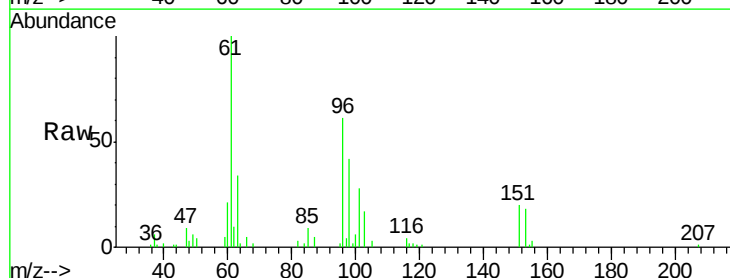
Manual Integrations
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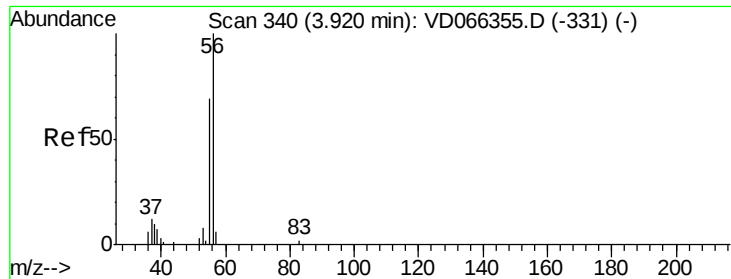
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.139 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	31668		
61	164.7	124.3	186.5	
98	69.3	53.2	79.8	





#13

Acrolein

Concen: 87.092 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 56 Resp: 8122

Ion Ratio Lower Upper

56 100

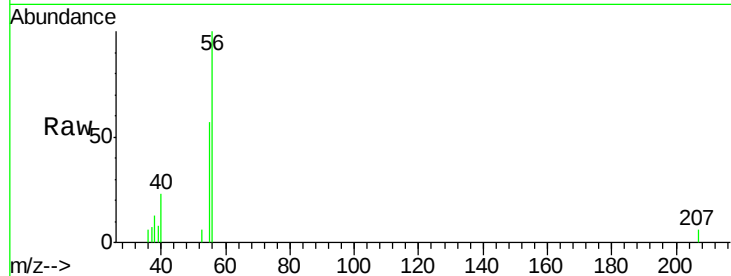
55 71.6 55.5 83.3

Manual Integrations

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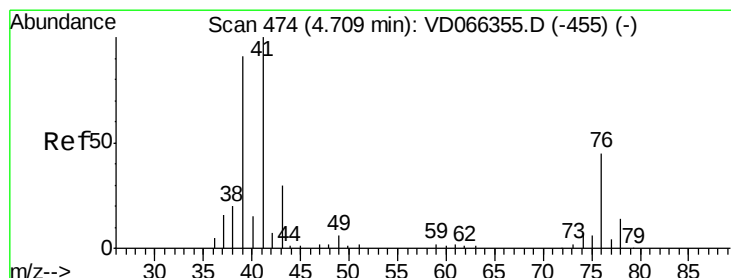
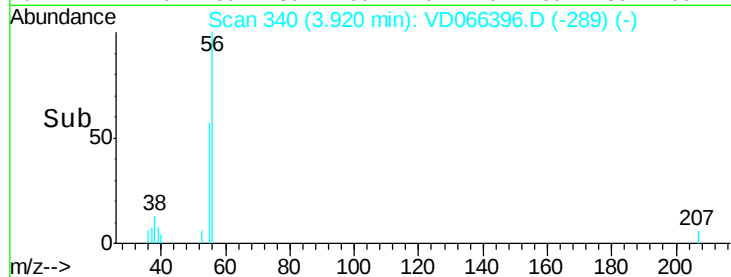
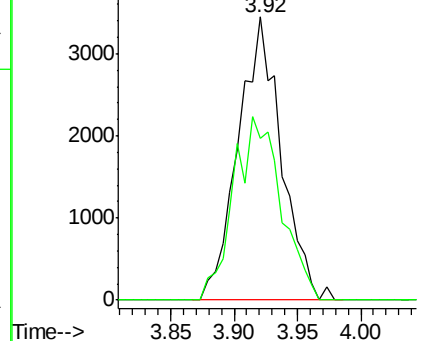
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.209 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

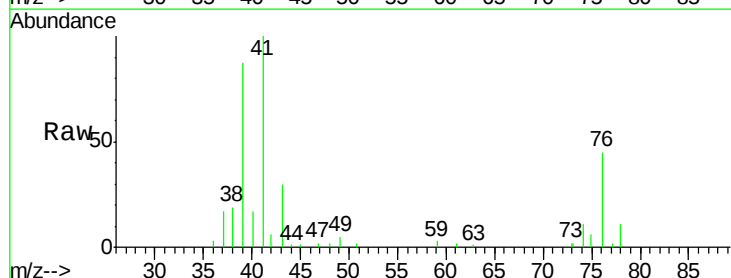
Tgt Ion: 41 Resp: 42432

Ion Ratio Lower Upper

41 100

39 94.8 72.8 109.2

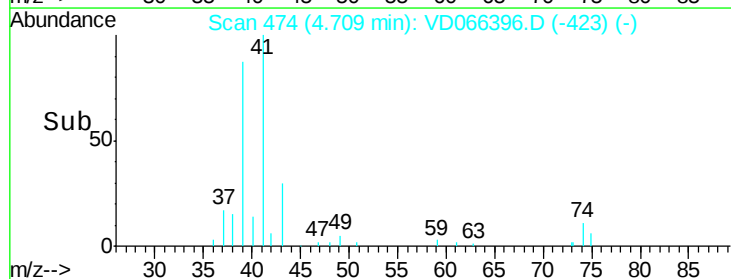
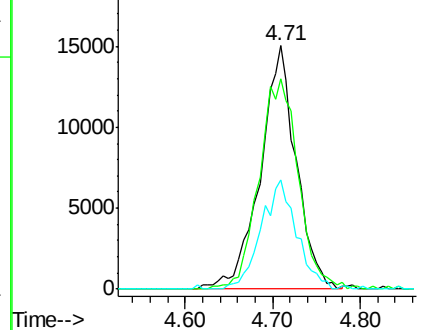
76 44.3 34.0 51.0

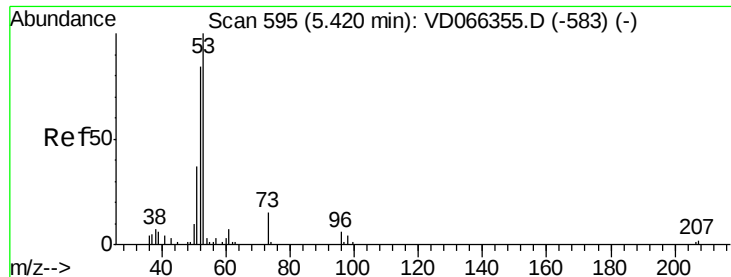


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 100.091 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

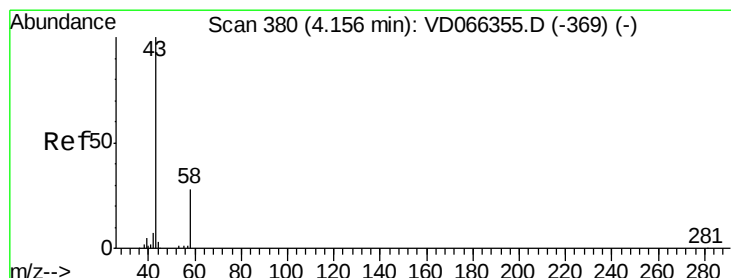
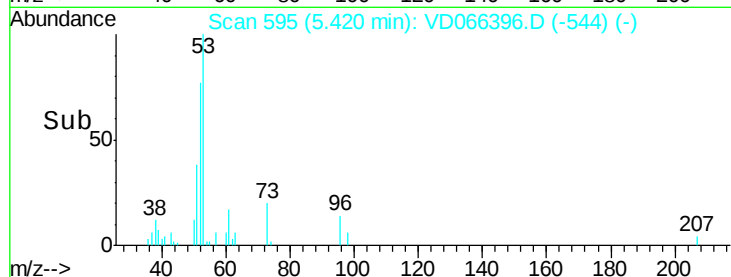
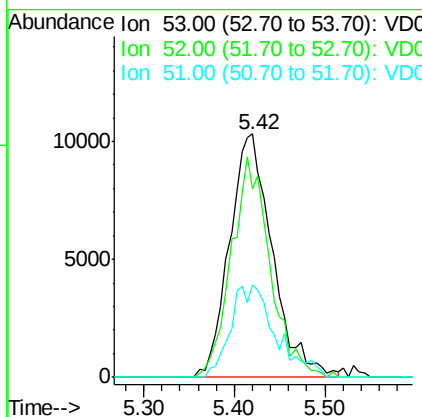
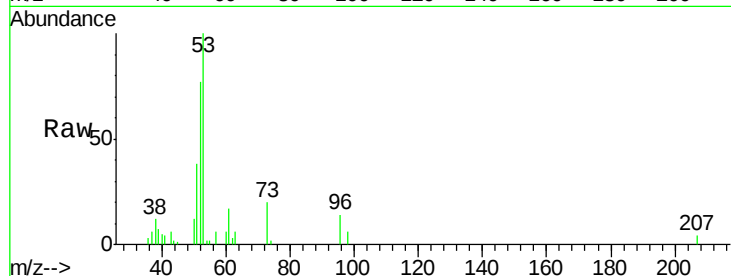
ClientSampleId :

VD0825SBS01

Tot Ion:	53	Resp:	33911
Ion Ratio	Lower	Upper	
53	100		
52	81.1	68.1	102.1
51	16.8	33.8	50.6#

Manual Integrations
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#16

Acetone

Concen: 96.280 ug/l

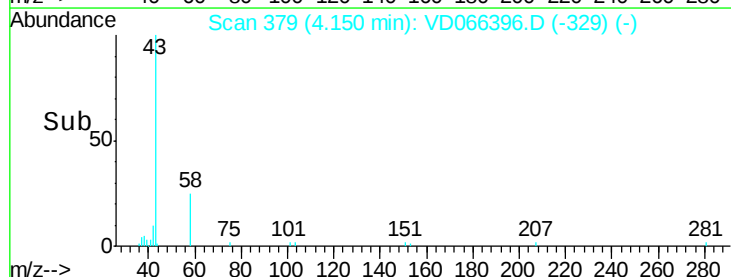
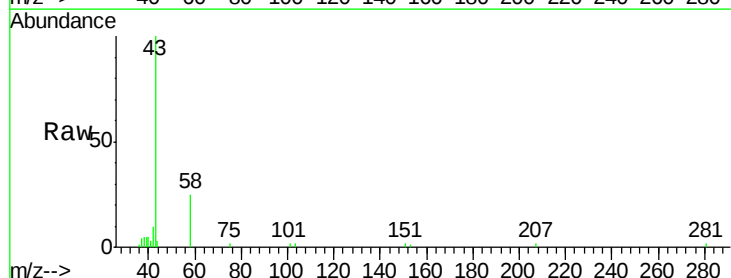
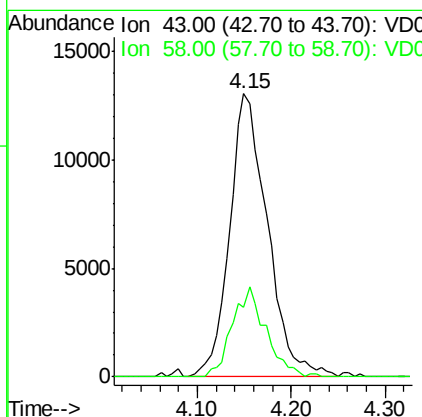
RT: 4.15 min Scan# 379

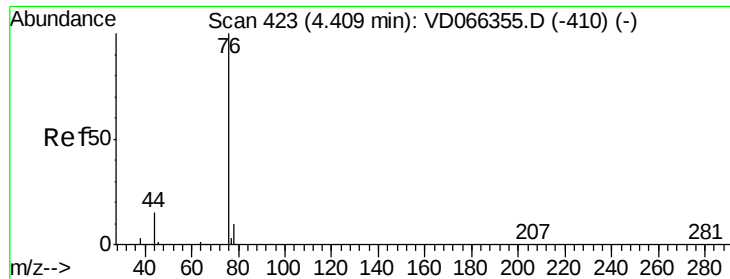
Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion:	43	Resp:	36453
Ion Ratio	Lower	Upper	
43	100		
58	24.6	22.7	34.1





#17

Carbon Disulfide

Concen: 17.798 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 76 Resp: 94171

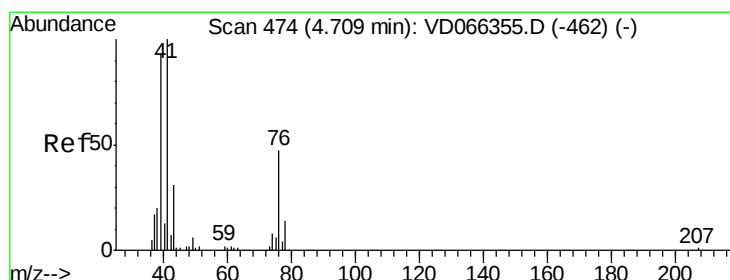
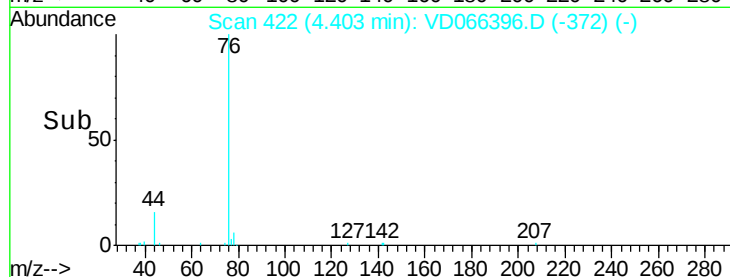
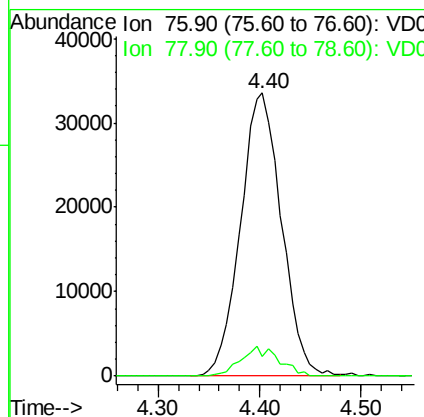
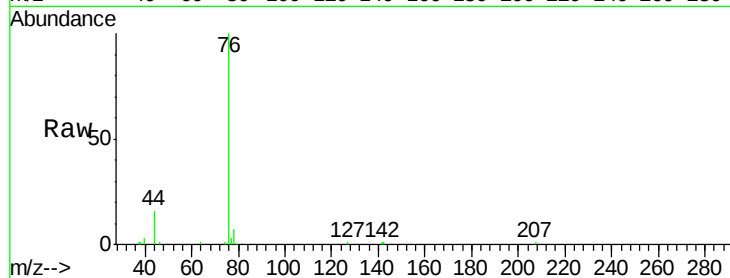
Ion Ratio Lower Upper

76 100

78 7.0 7.7 11.5#

Manual Integrations
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#18

Methyl Acetate

Concen: 20.498 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066396.D

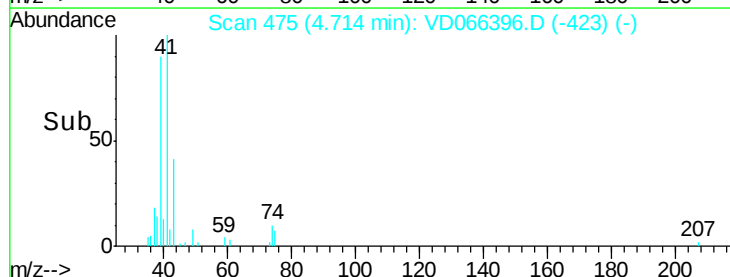
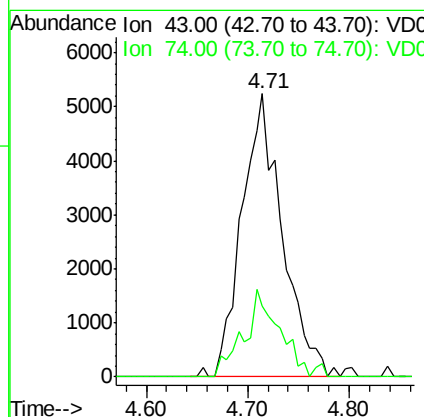
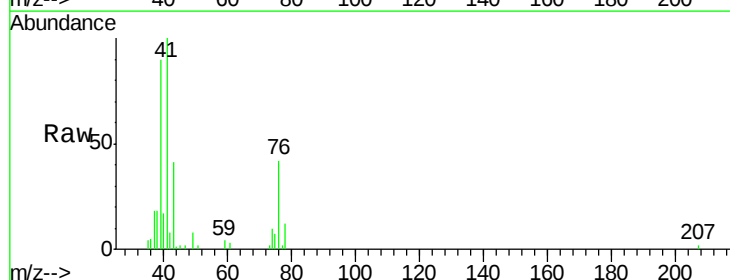
Acq: 25 Aug 2020 12:24

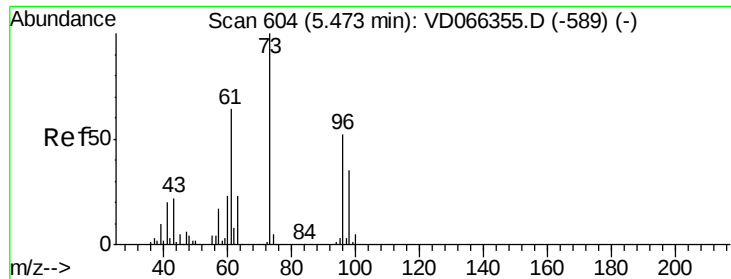
Tgt Ion: 43 Resp: 14566

Ion Ratio Lower Upper

43 100

74 27.0 21.0 31.6





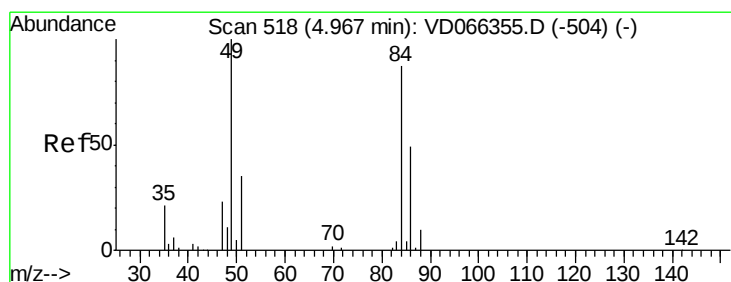
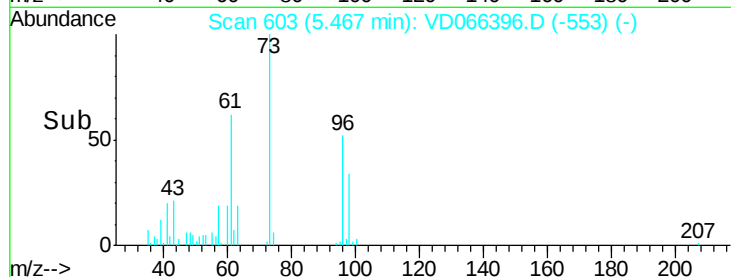
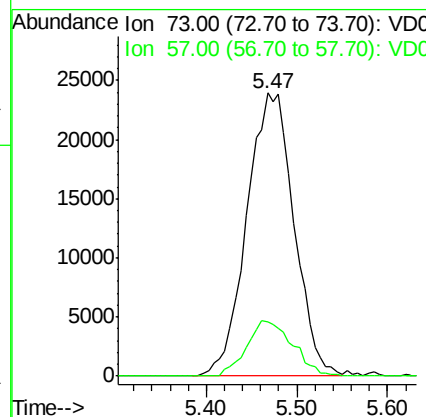
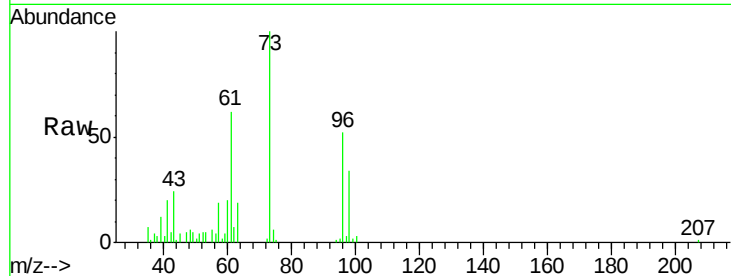
#19
Methyl tert-butyl Ether
Concen: 20.616 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion: 73 Resp: 86667
Ion Ratio Lower Upper
73 100
57 19.1 13.8 20.6

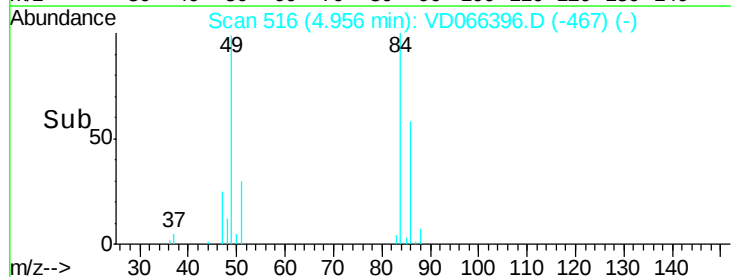
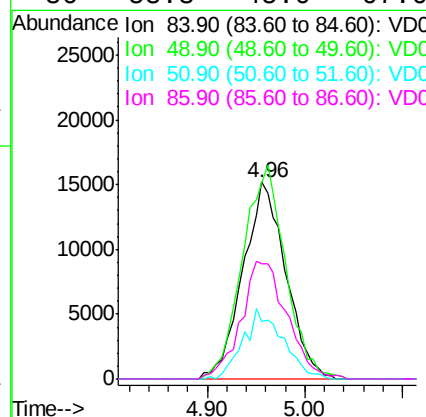
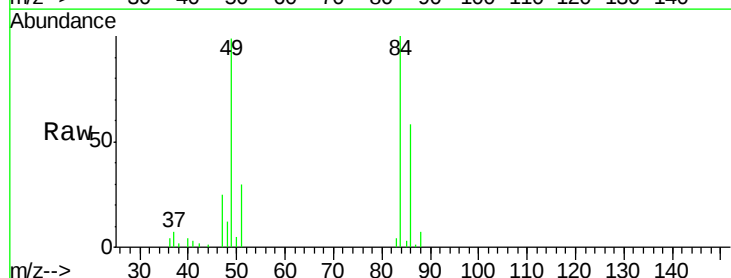
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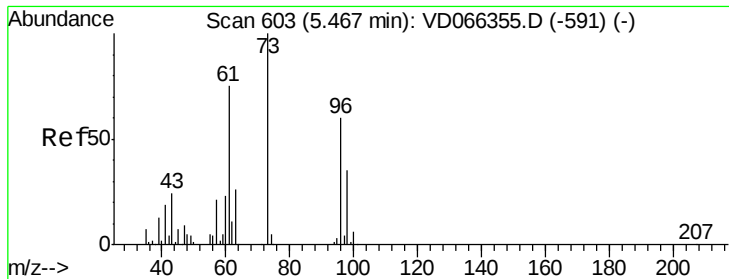
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#20
Methylene Chloride
Concen: 19.177 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion: 84 Resp: 46697
Ion Ratio Lower Upper
84 100
49 99.5 92.5 138.7
51 29.6 32.5 48.7#
86 58.3 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 18.175 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

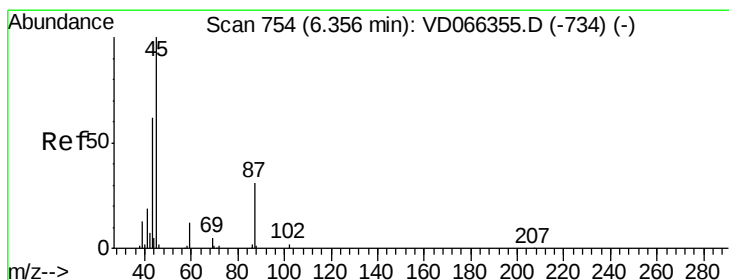
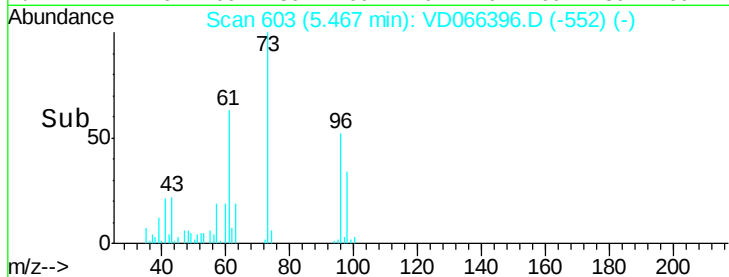
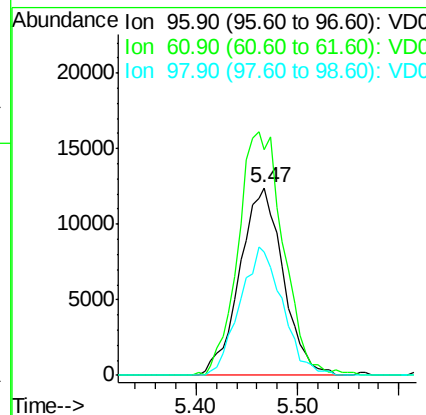
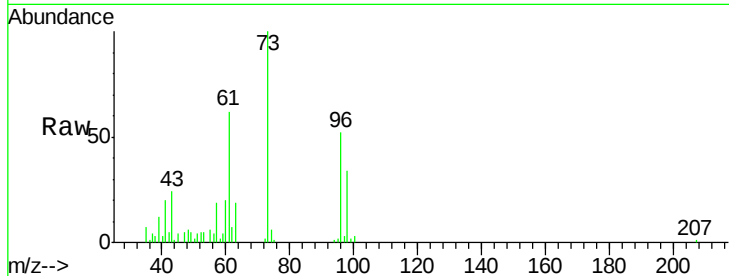
ClientSampleId :

VD0825SBS01

Tot Ion:	96	Resp:	36938
Ion	Ratio	Lower	Upper
96	100		
61	120.3	101.1	151.7
98	65.6	47.0	70.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.072 ug/l

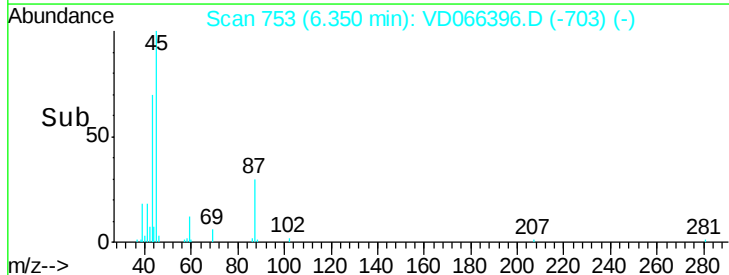
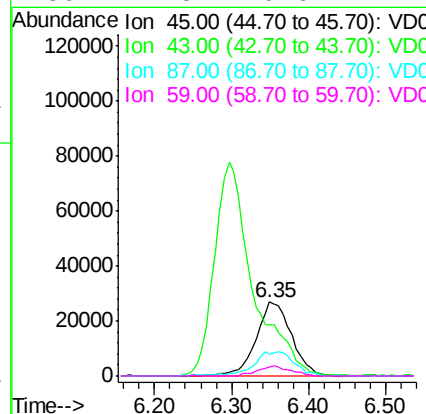
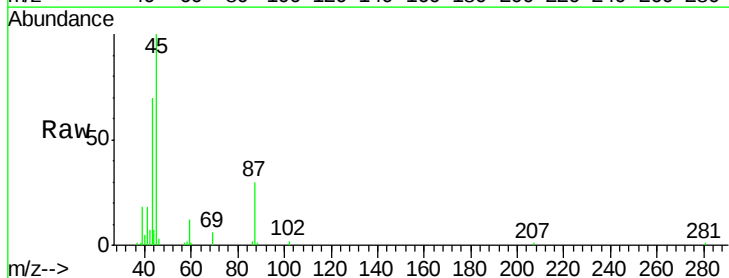
RT: 6.35 min Scan# 753

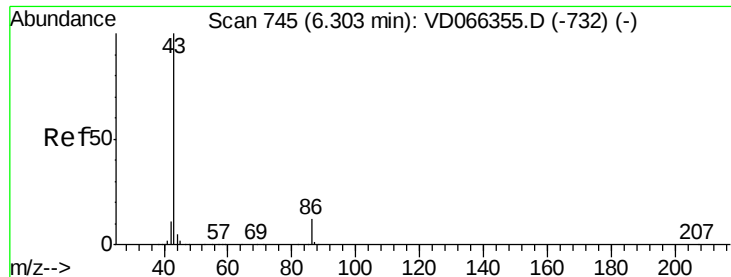
Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion:	45	Resp:	86049
Ion	Ratio	Lower	Upper
45	100		
43	68.7	49.8	74.8
87	30.2	25.0	37.6
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 96.622 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 43 Resp: 269873

Ion Ratio Lower Upper

43 100

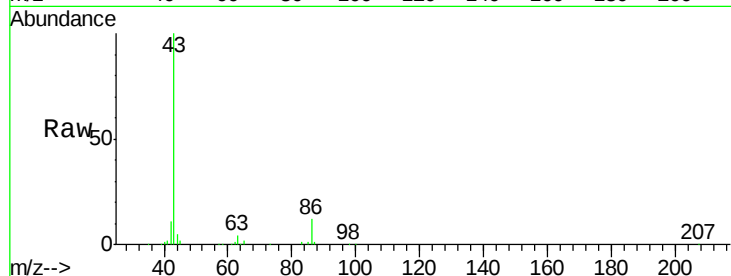
86 11.7 9.4 14.0

Manual Integrations

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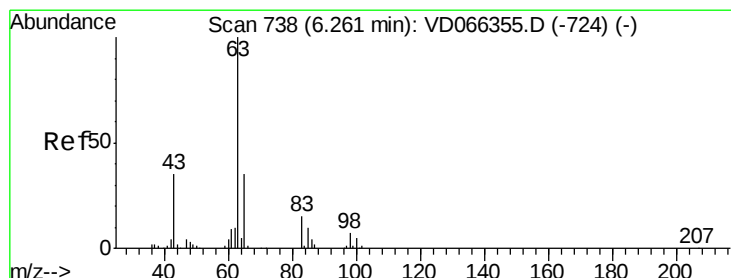
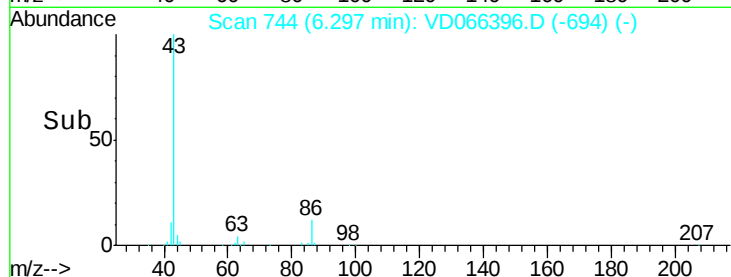
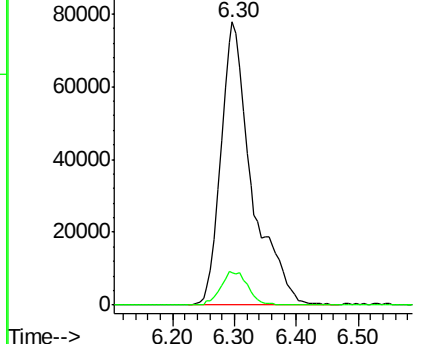
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.299 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

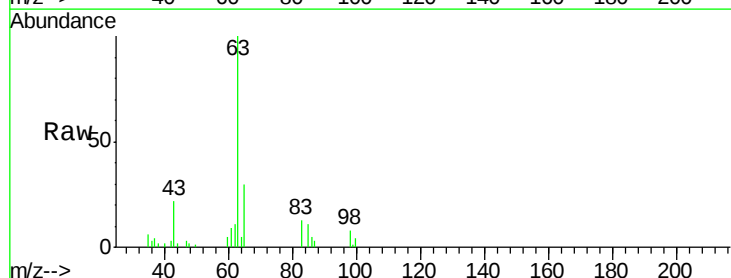
Tgt Ion: 63 Resp: 61533

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

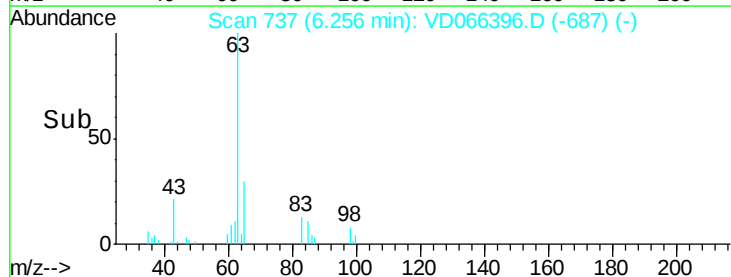
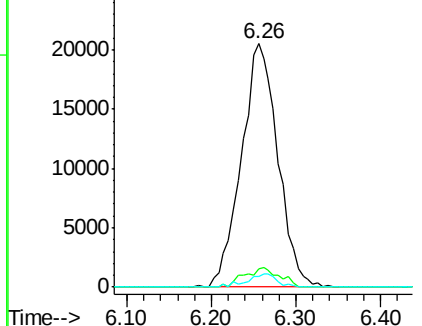
100 4.1 2.5 7.6

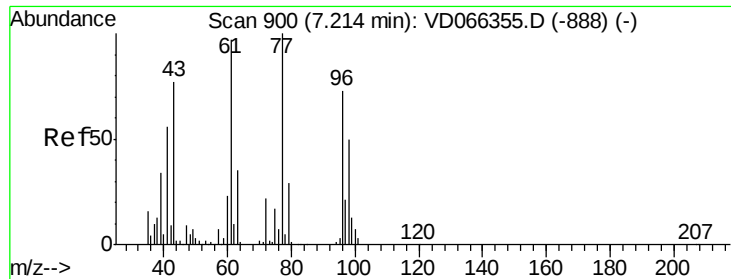


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 98.345 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 43 Resp: 42271

Ion Ratio Lower Upper

43 100

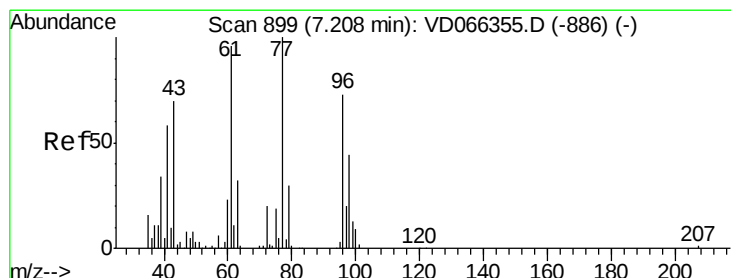
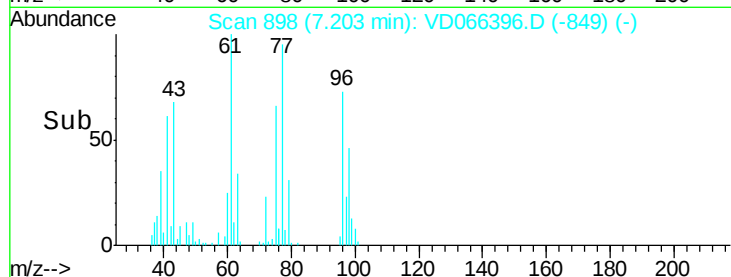
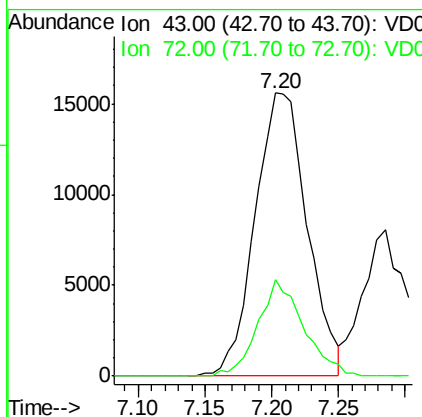
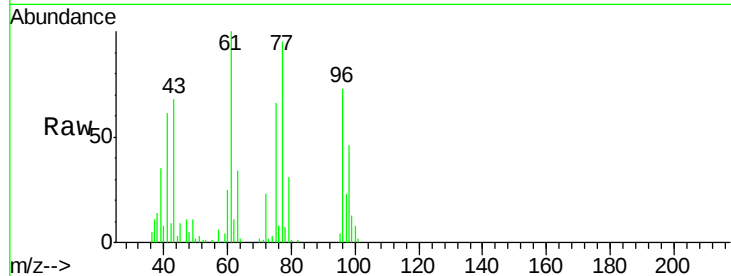
72 34.3 22.5 33.7#

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#26

2,2-Dichloropropane

Concen: 19.615 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066396.D

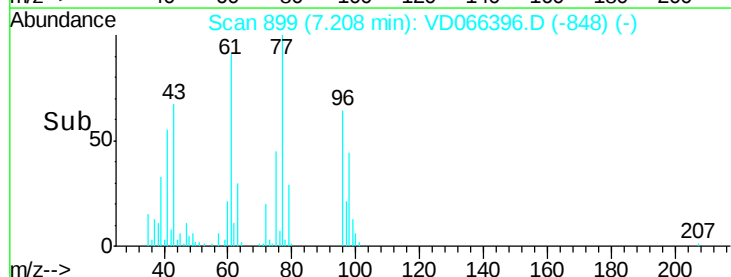
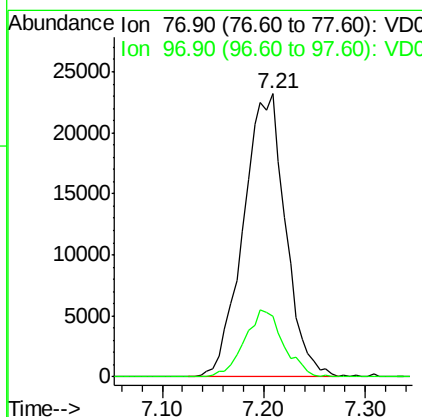
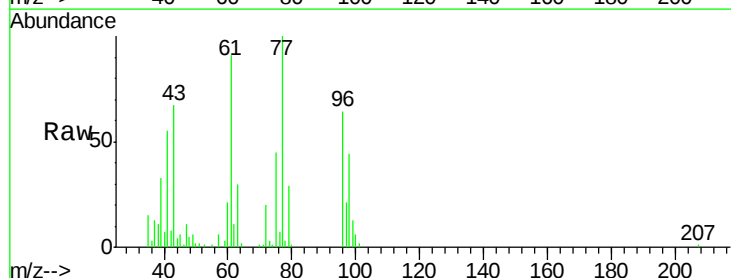
Acq: 25 Aug 2020 12:24

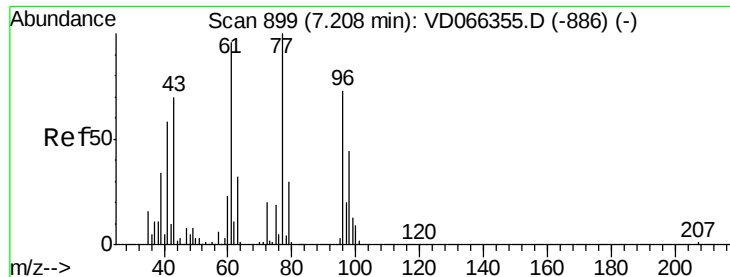
Tgt Ion: 77 Resp: 67031

Ion Ratio Lower Upper

77 100

97 21.7 10.7 31.9





#27

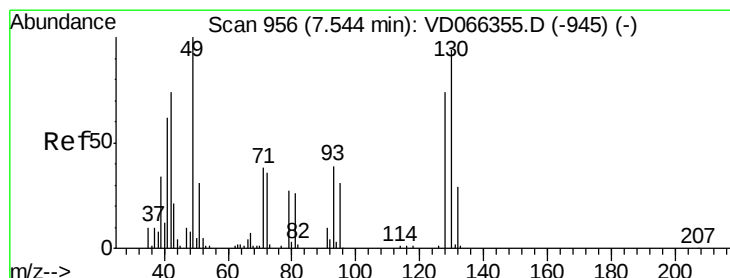
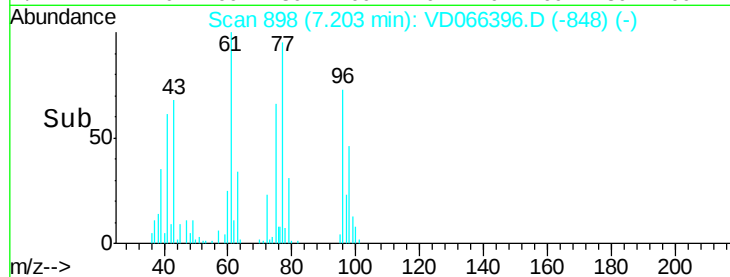
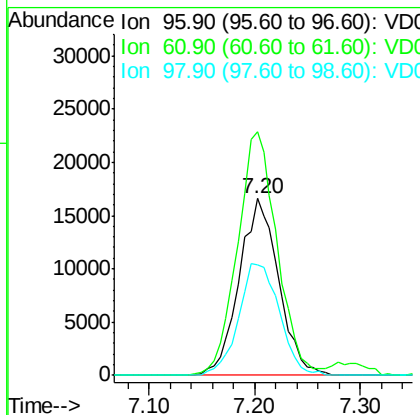
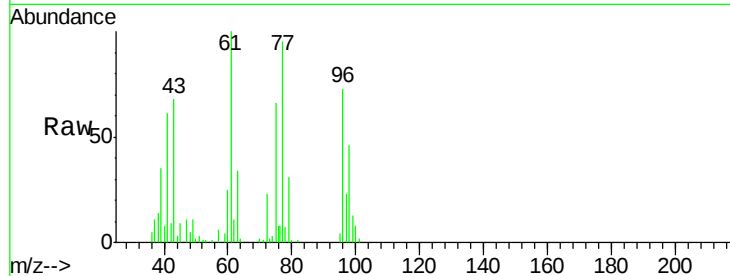
cis-1,2-Dichloroethene
 Concen: 19.718 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	42939		
61	138.2		0.0	281.4
98	65.3		0.0	132.2

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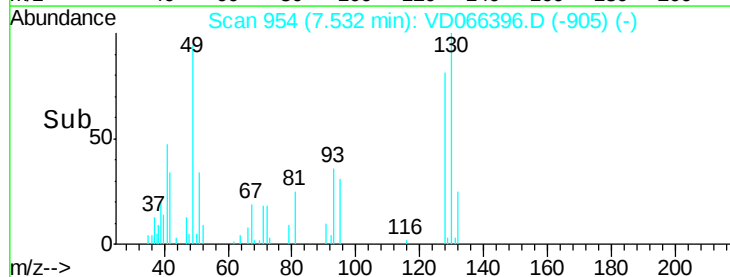
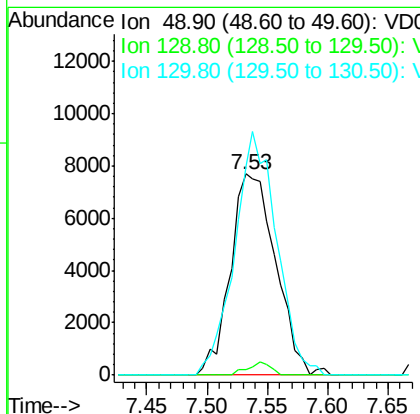
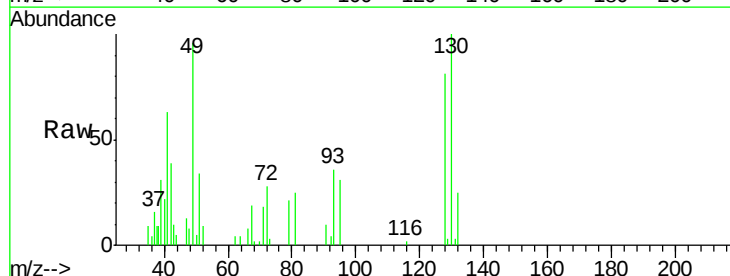
MMDadoda
 8/26/2020 4:23:02 PM

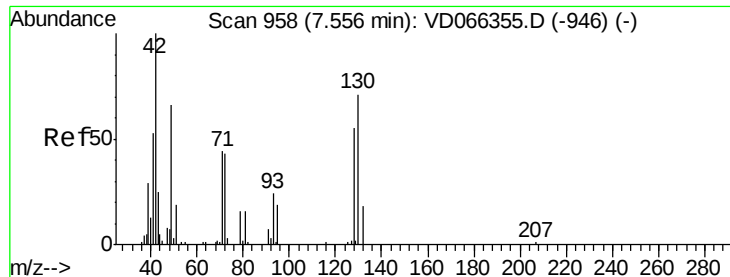


#28

Bromochloromethane
 Concen: 18.279 ug/l
 RT: 7.53 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	20075		
129	3.3		0.0	3.0#
130	112.6		82.6	124.0





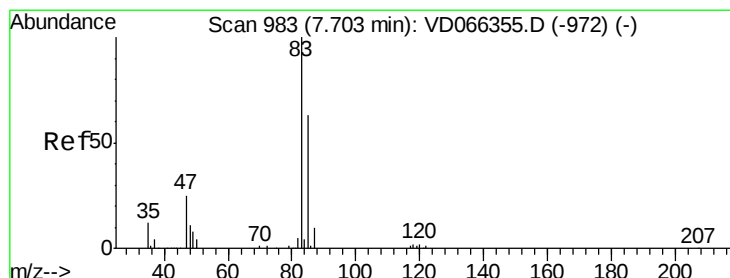
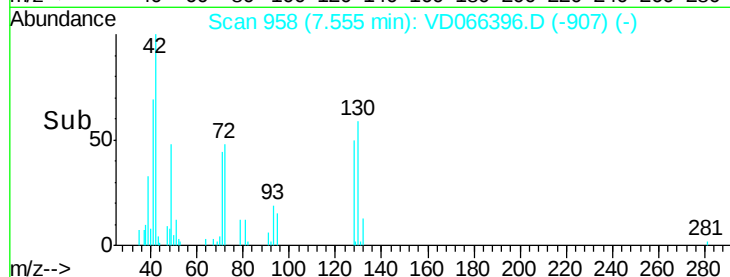
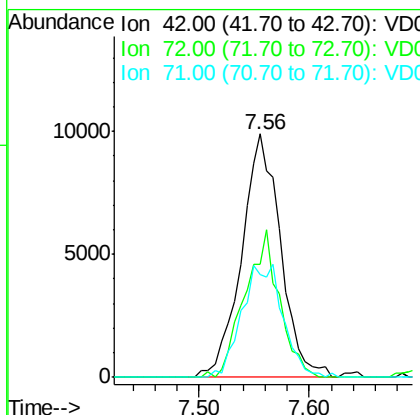
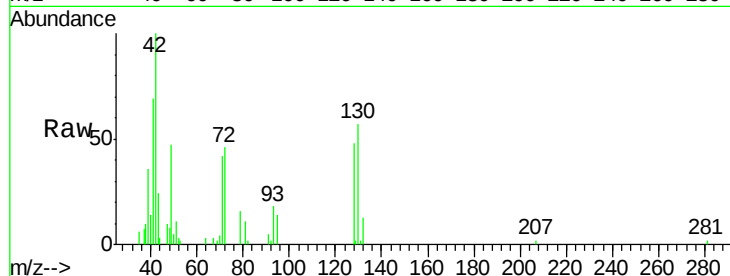
#29
Tetrahydrofuran
Concen: 100.580 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion:	42	Resp:	24555
Ion	Ratio	Lower	Upper
42	100		
72	53.6	41.0	61.4
71	48.9	37.2	55.8

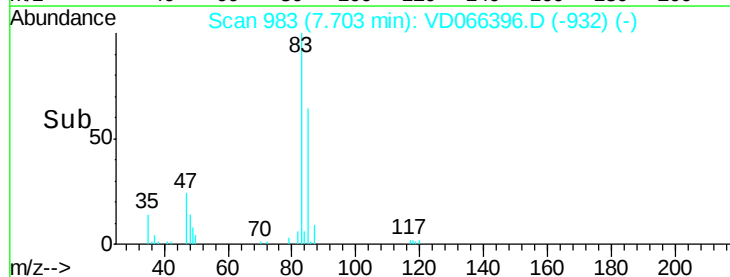
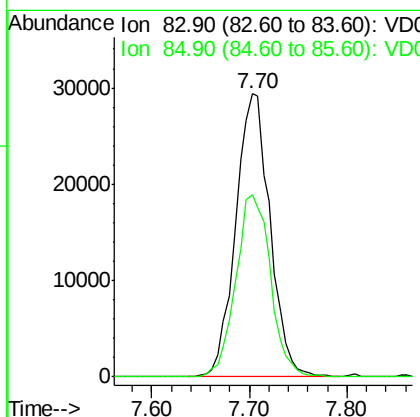
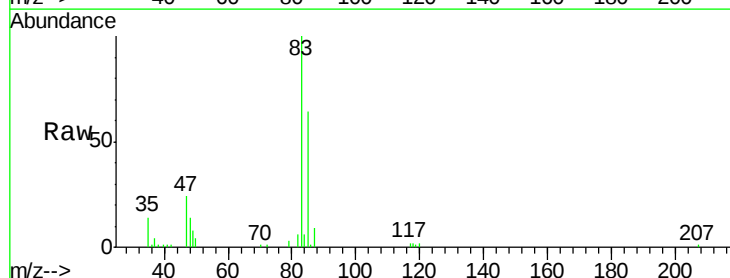
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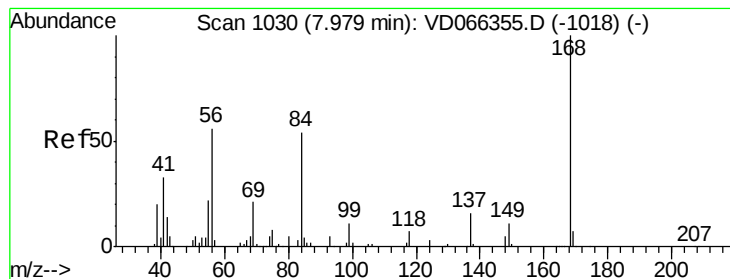
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#30
Chloroform
Concen: 19.560 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion:	83	Resp:	72154
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5





#31

Cyclohexane

Concen: 17.403 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

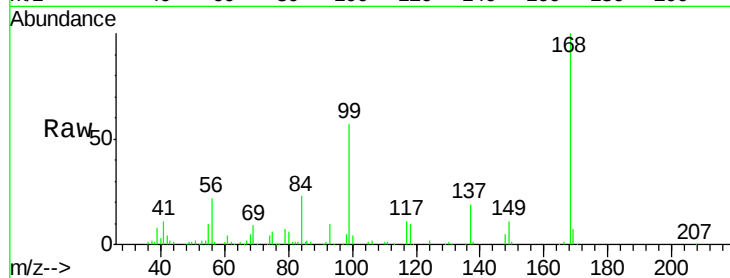
ClientSampleId :

VD0825SBS01

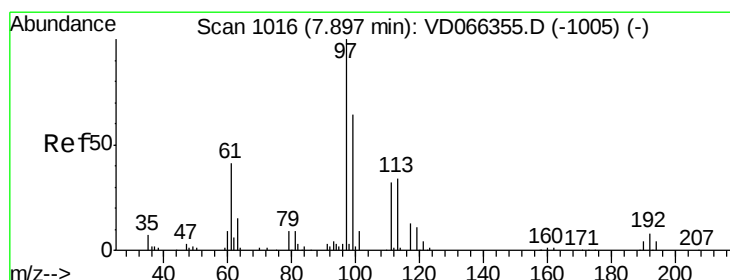
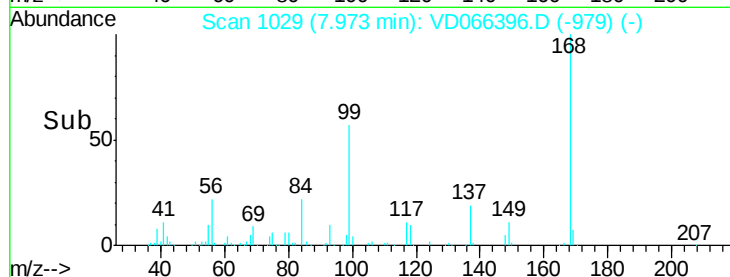
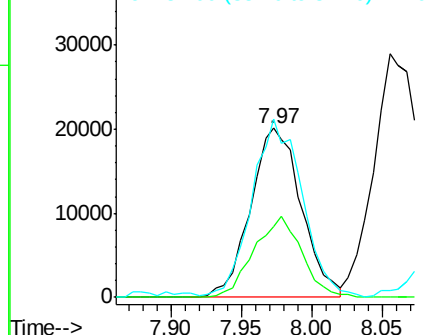
Tot Ion:	56	Resp:	50746
Ion Ratio	Lower	Upper	
56	100		
69	41.7	29.6	44.4
84	102.9	76.6	115.0

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Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 19.591 ug/l

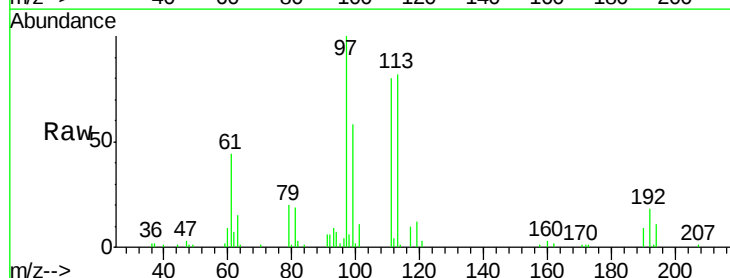
RT: 7.89 min Scan# 1015

Delta R.T. -0.01 min

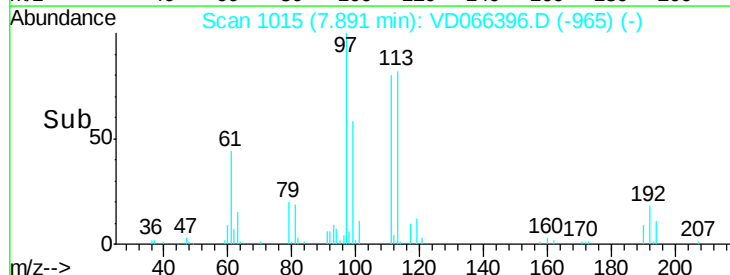
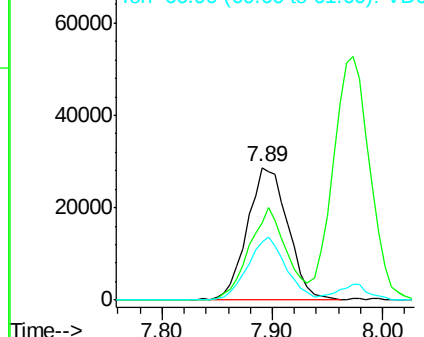
Lab File: VD066396.D

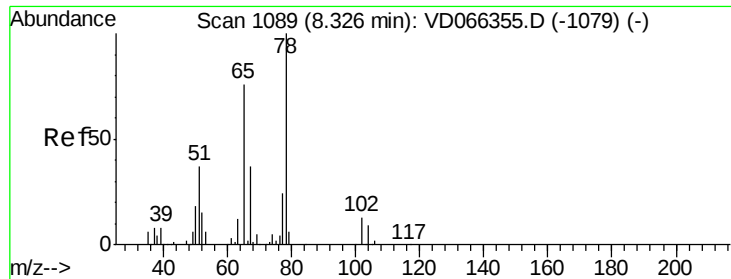
Acq: 25 Aug 2020 12:24

Tgt Ion:	97	Resp:	73965
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.5	77.3
61	45.0	33.3	49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 56.203 ug/l

RT: 8.32 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 65 Resp: 118032

Ion Ratio Lower Upper

65 100

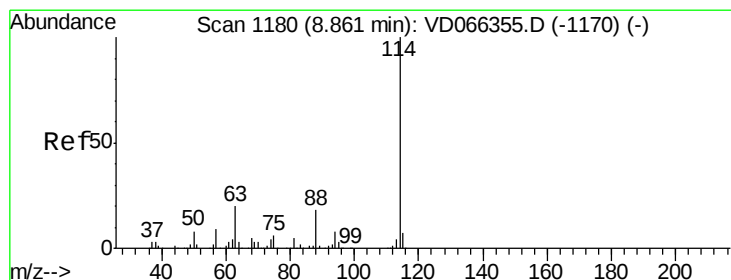
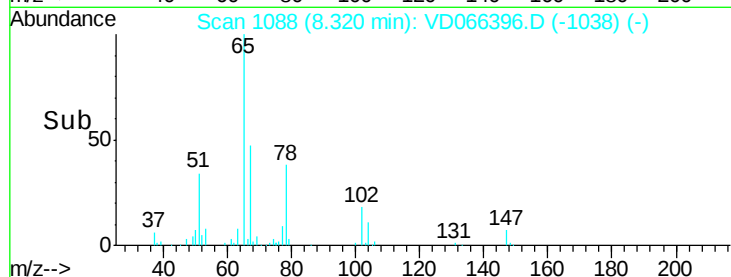
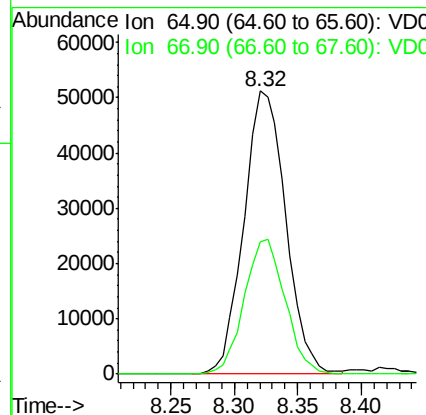
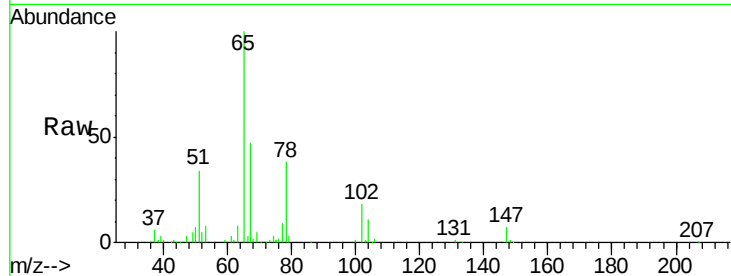
67 46.3 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

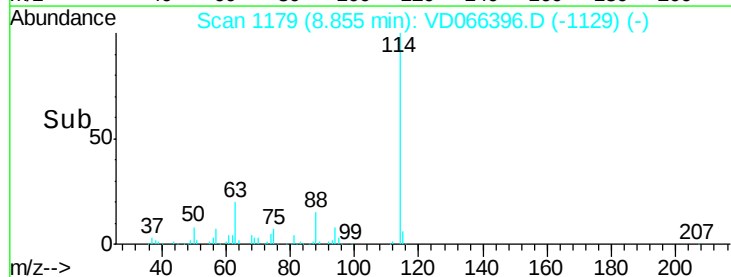
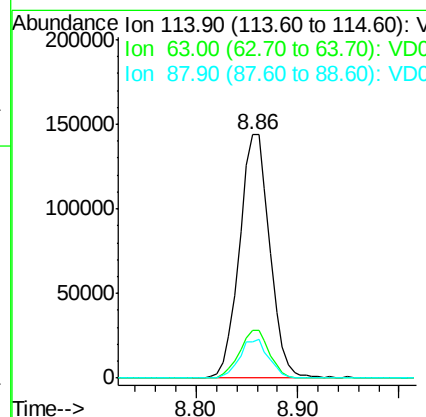
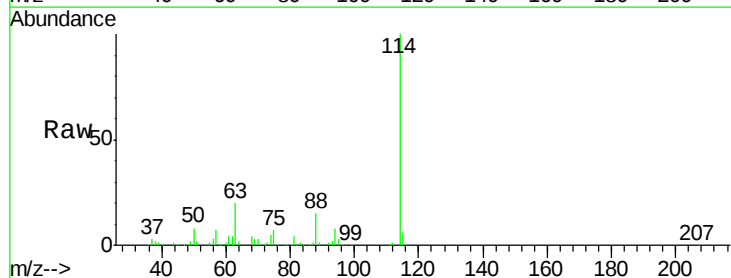
Tgt Ion: 114 Resp: 299404

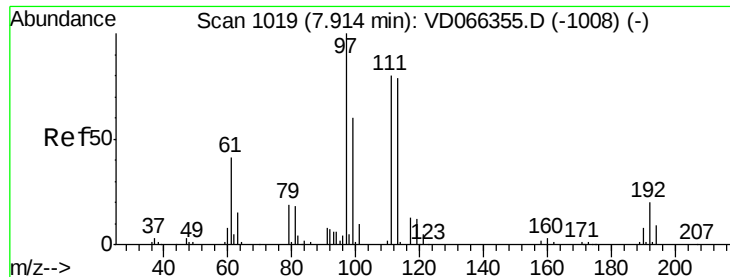
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.9 0.0 35.4





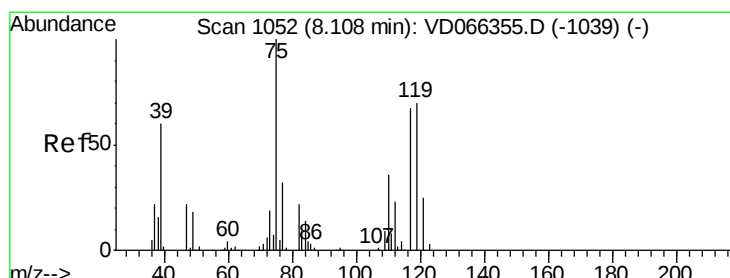
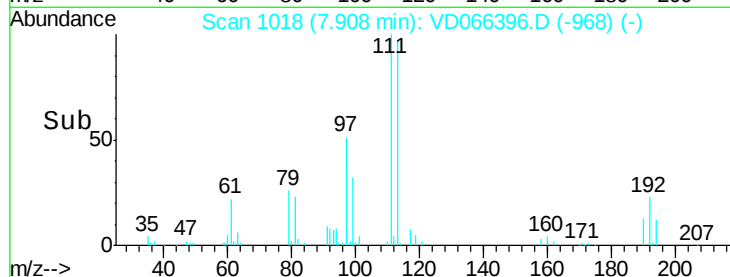
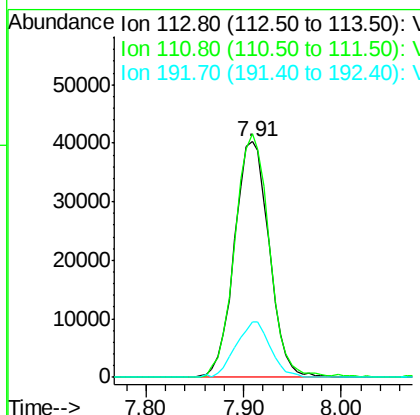
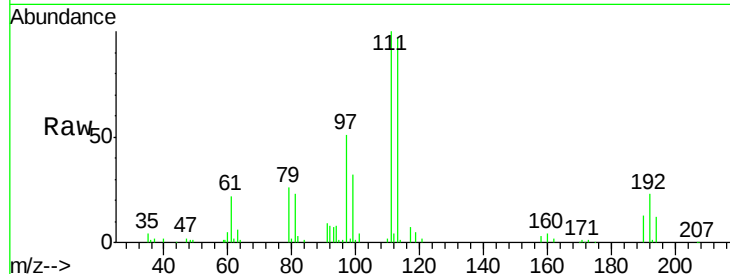
#35
Dibromofluoromethane
Concen: 53.126 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	99462		
111	103.3	80.3	120.5	
192	23.5	19.0	28.6	

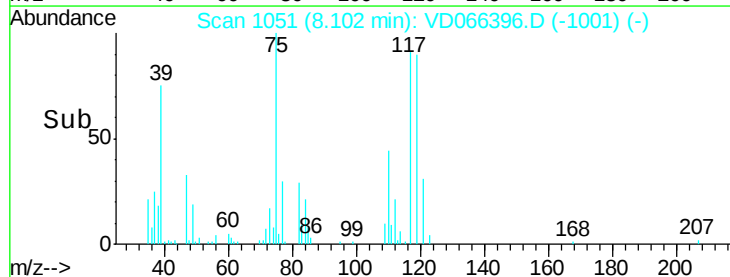
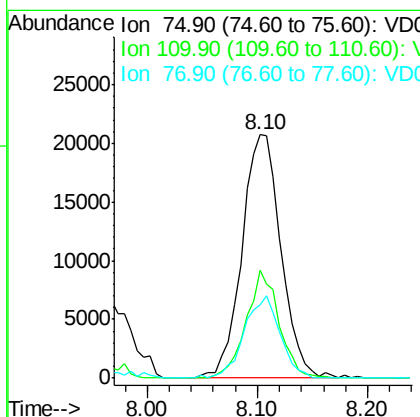
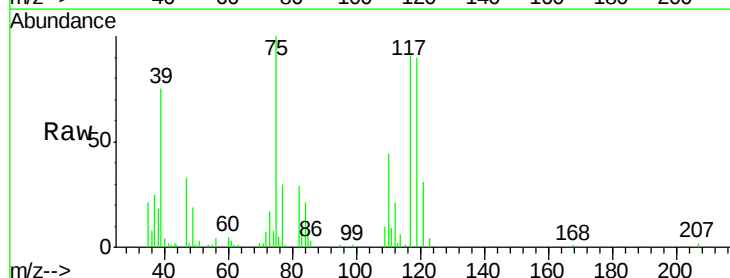
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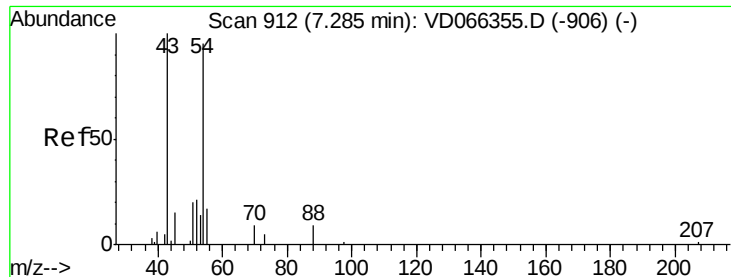
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#36
1,1-Dichloropropene
Concen: 18.843 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51476		
110	37.5	18.7	56.1	
77	31.0	25.2	37.8	





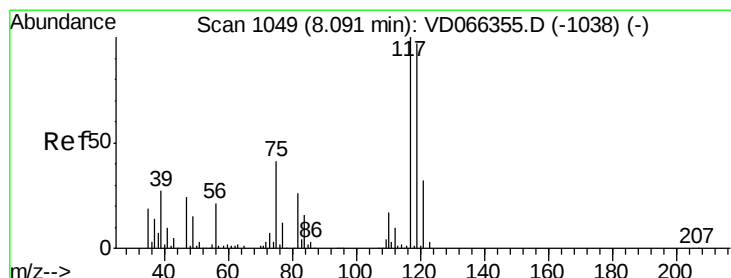
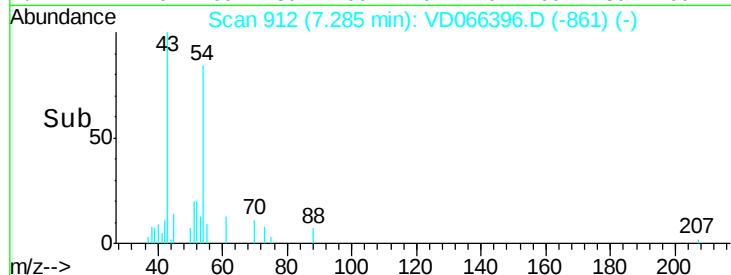
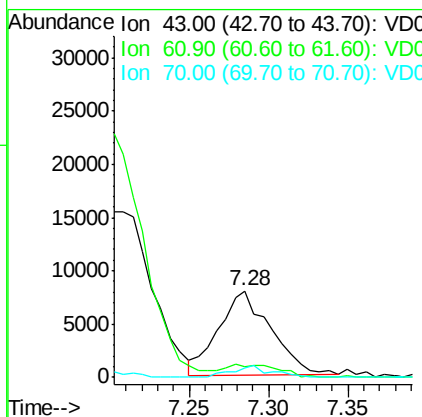
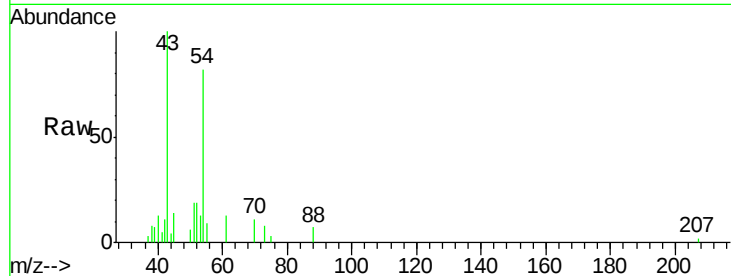
#37
Ethyl Acetate
Concen: 19.478 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	13.3	19.9
70	10.5	3.5	5.3

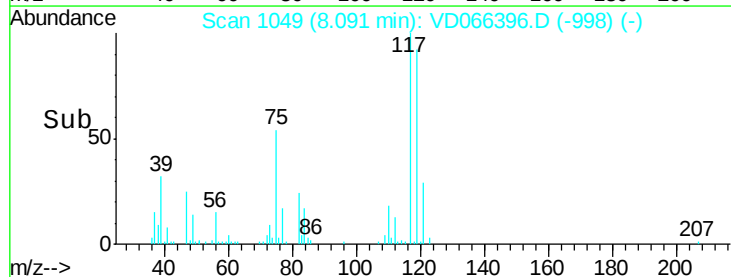
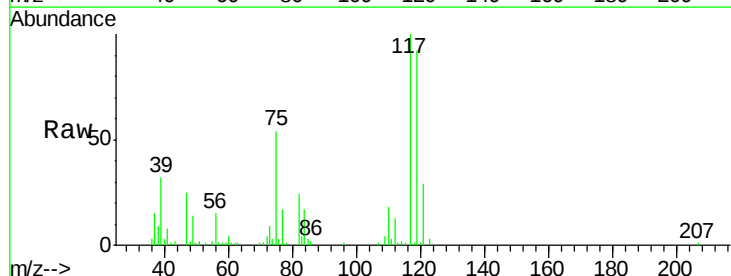
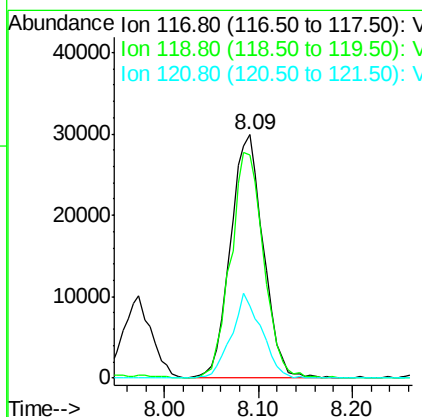
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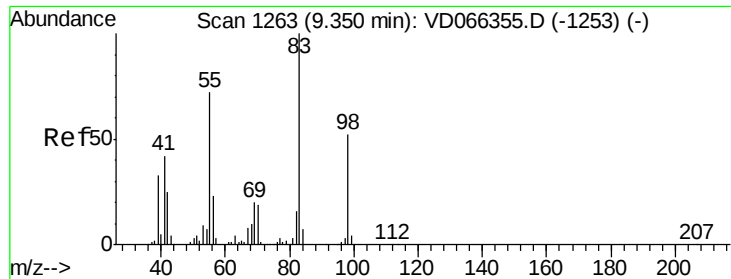
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#38
Carbon Tetrachloride
Concen: 20.295 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	77.2	115.8
121	29.4	25.8	38.8





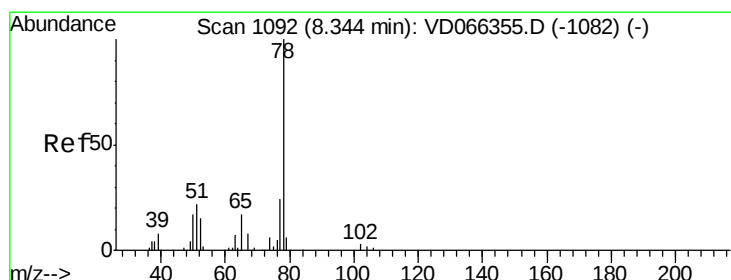
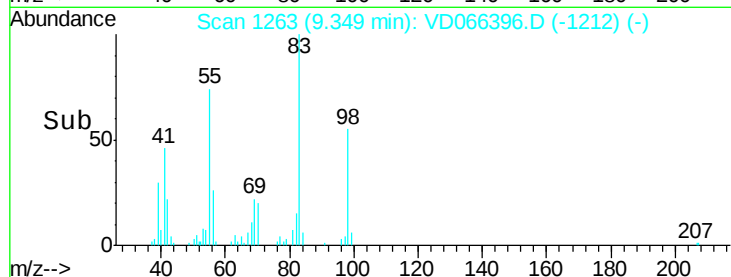
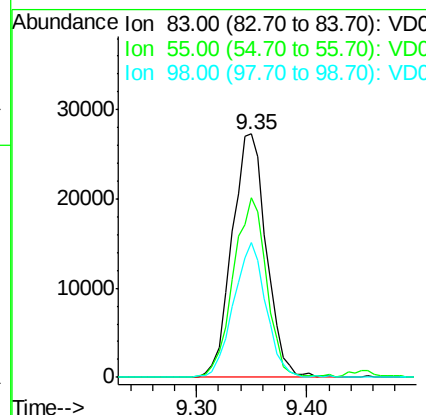
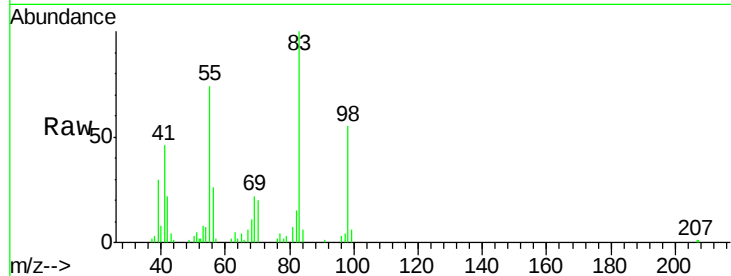
#39
Methvlcvclohexane
Concen: 18.490 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	58.0	87.0
98	55.5	41.9	62.9

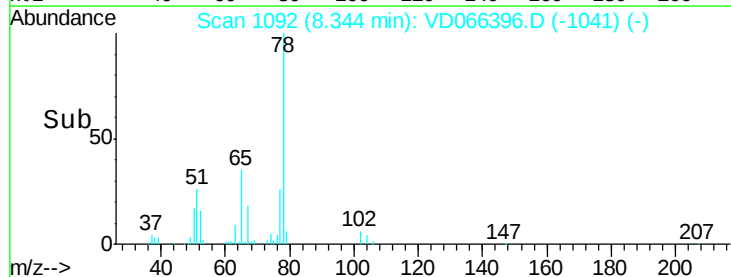
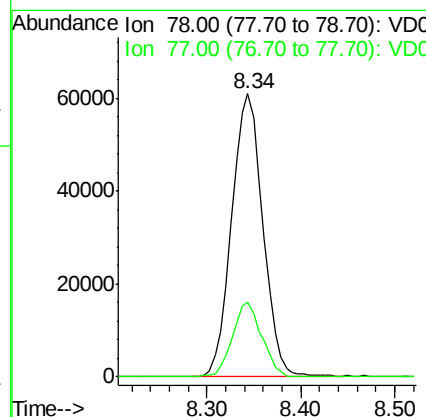
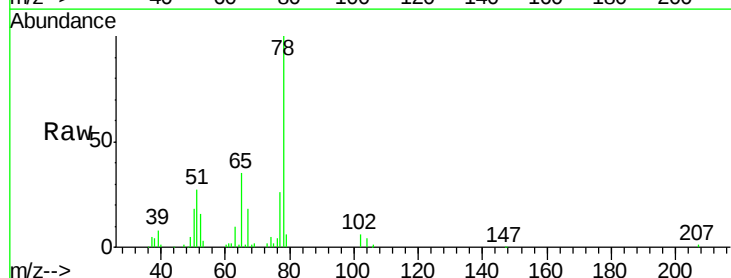
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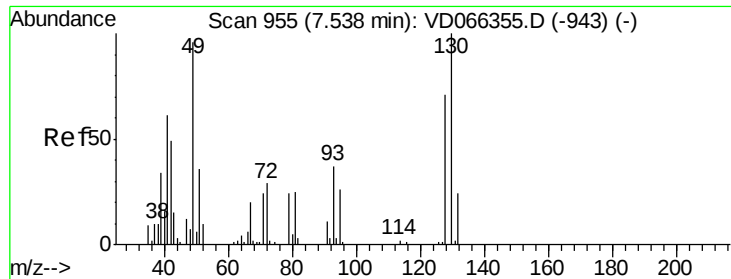
MMDadoda
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#40
Benzene
Concen: 19.526 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.2	18.8	28.2





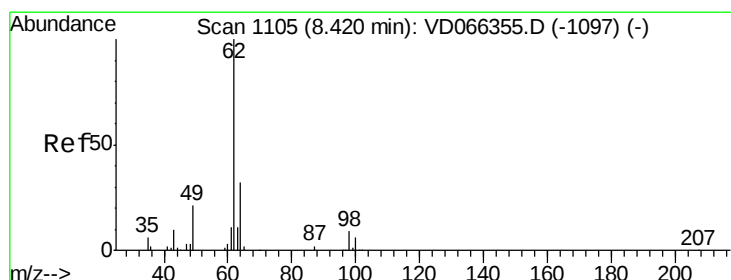
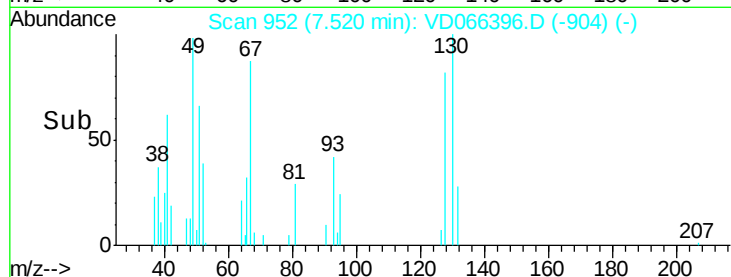
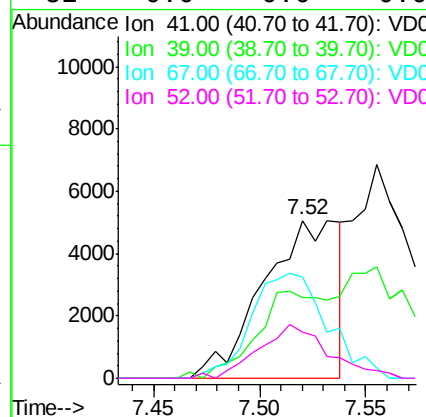
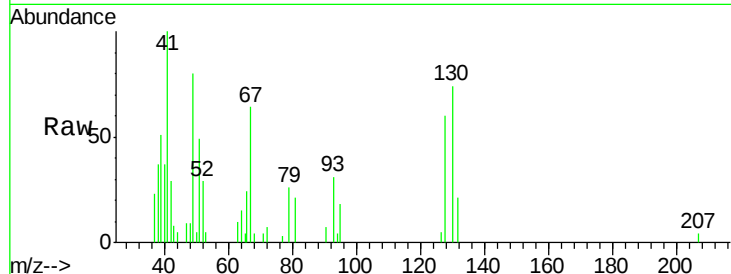
#41
Methacrylonitrile
Concen: 22.123 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion:	41	Resp:	12676
Ion	Ratio	Lower	Upper
41	100		
39	70.4	51.8	77.8
67	0.0	0.0	0.0
52	0.0	0.0	0.0

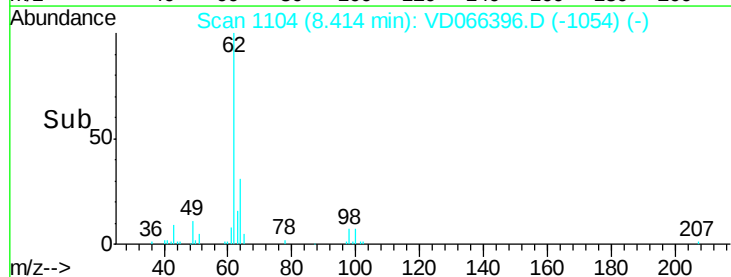
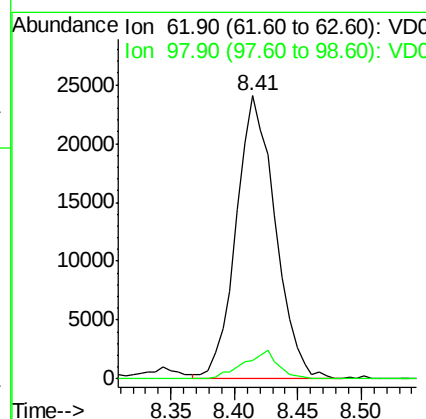
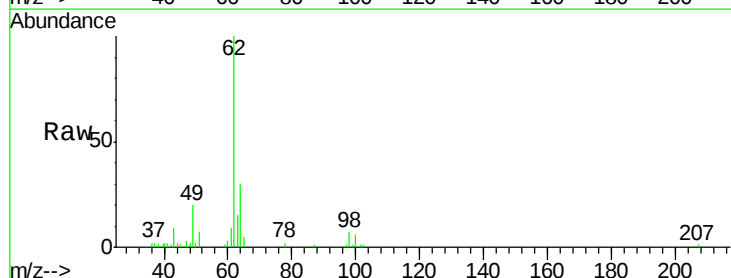
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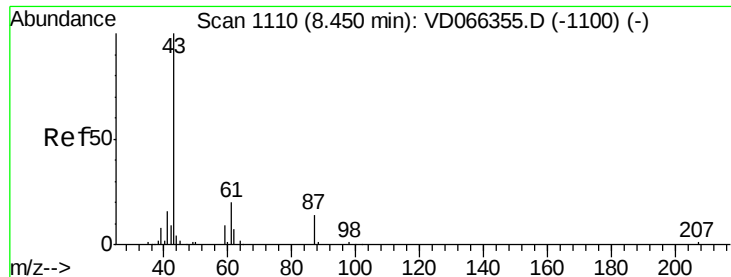
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.405 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion:	62	Resp:	51648
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 20.841 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

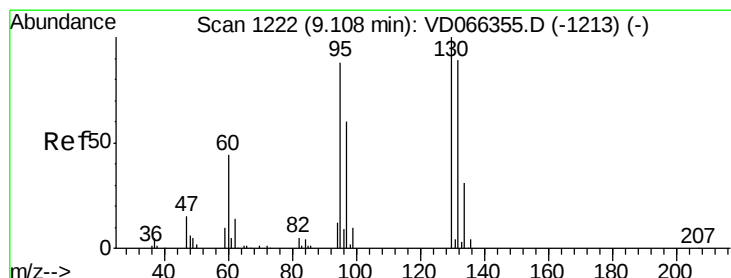
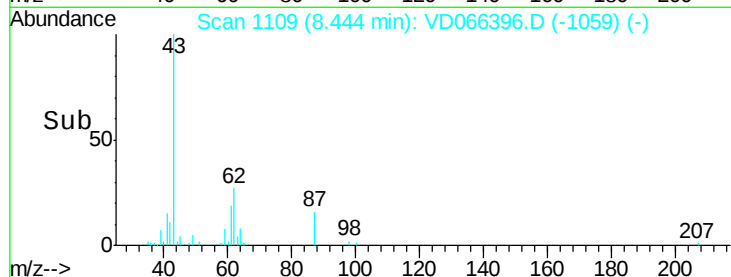
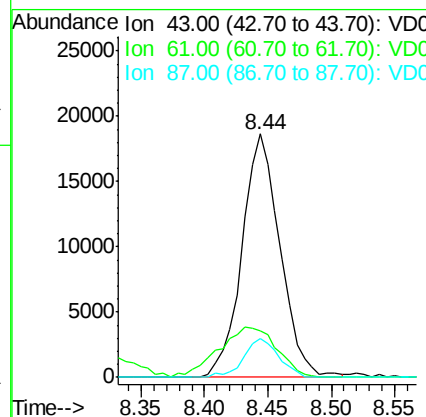
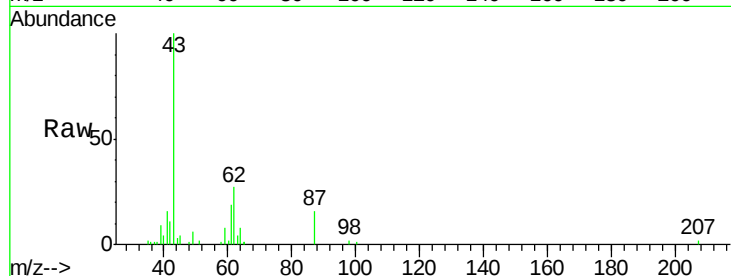
ClientSampleID :

VD0825SBS01

Tot Ion:	43	Resp:	38867
Ion	Ratio	Lower	Upper
43	100		
61	31.6	26.5	39.7
87	14.4	11.9	17.9

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#44

Trichloroethene

Concen: 18.728 ug/l

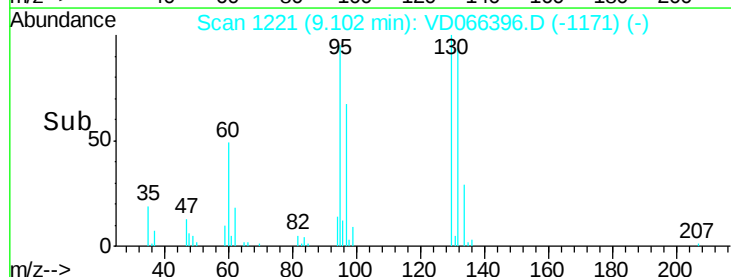
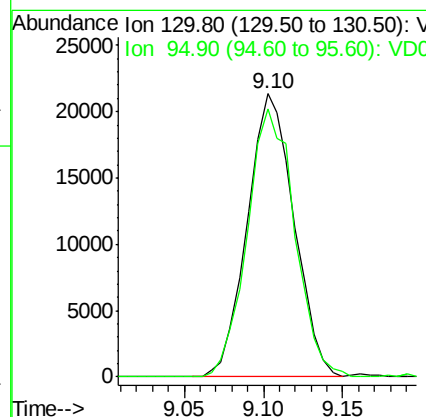
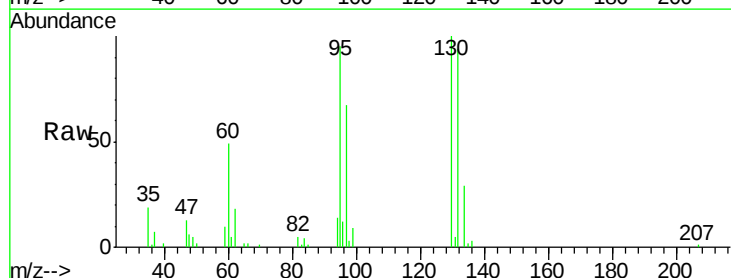
RT: 9.10 min Scan# 1221

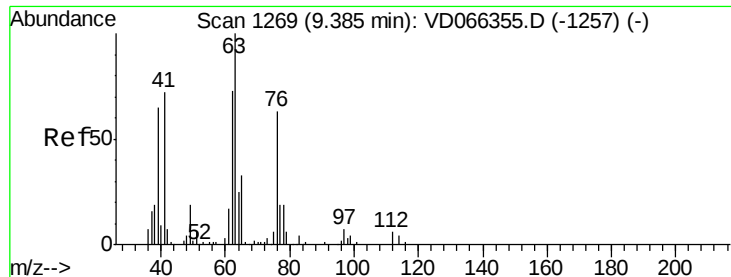
Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion:	130	Resp:	43735
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	175.6





#45

1,2-Dichloropropane

Concen: 19.629 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 63 Resp: 31981

Ion Ratio Lower Upper

63 100

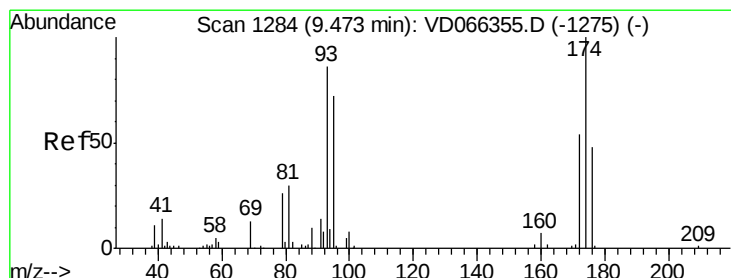
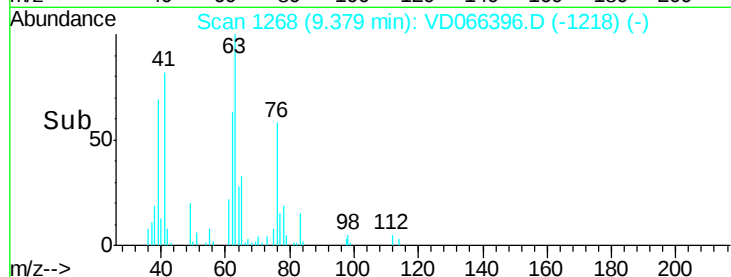
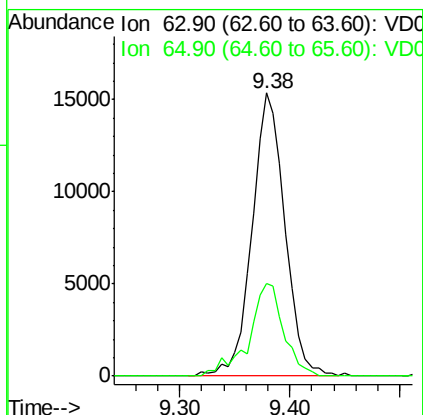
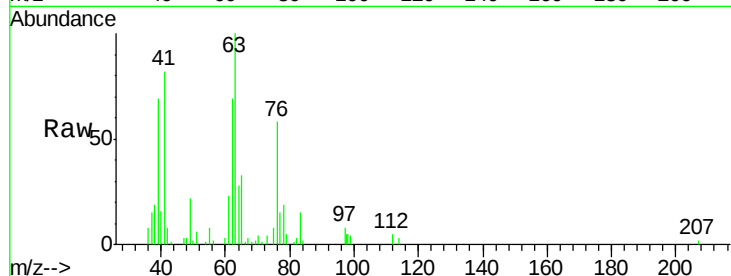
65 32.8 26.4 39.6

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#46

Dibromomethane

Concen: 19.373 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

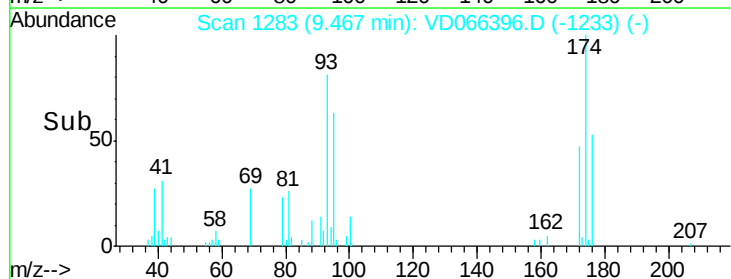
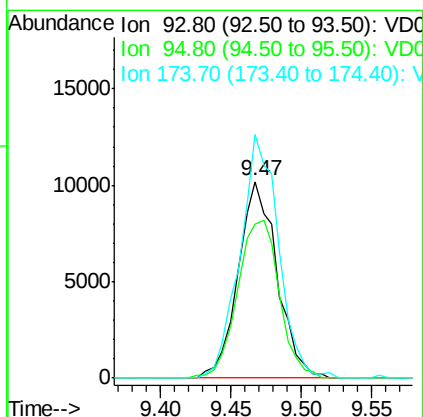
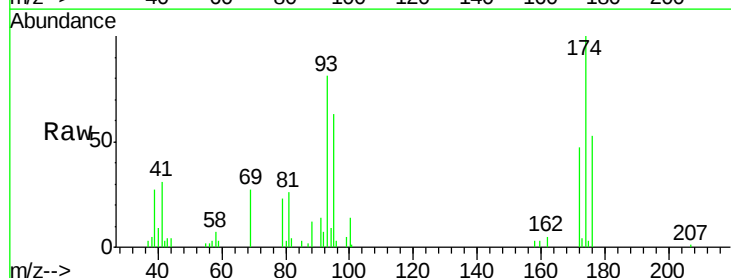
Tgt Ion: 93 Resp: 19652

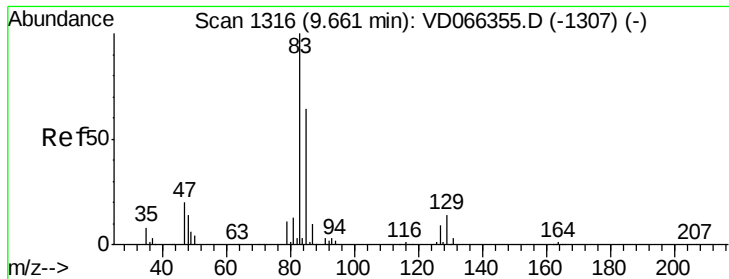
Ion Ratio Lower Upper

93 100

95 86.0 66.0 99.0

174 122.8 94.6 141.8





#47

Bromodichloromethane

Concen: 21.031 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

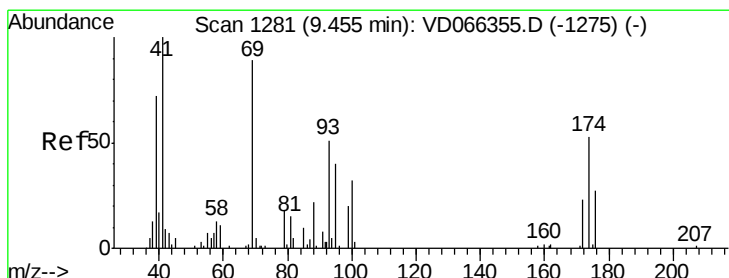
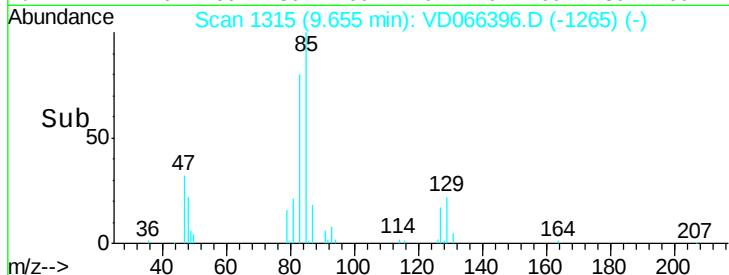
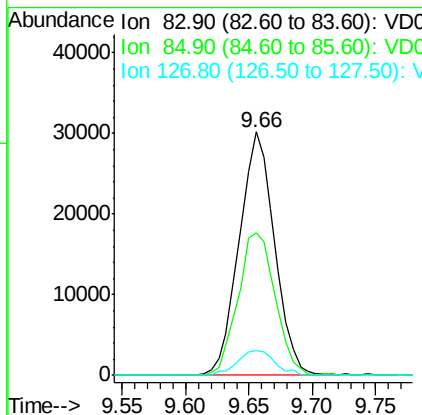
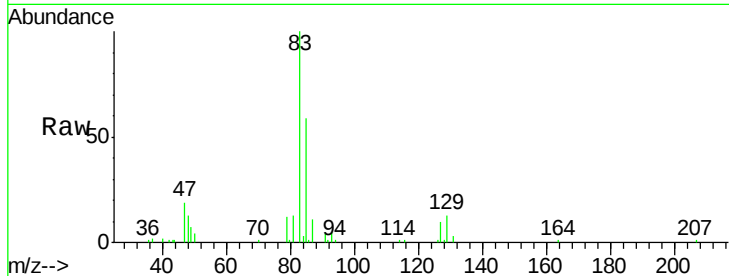
ClientSampleId :

VD0825SBS01

Tot Ion:	83	Resp:	58671
Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.4	77.0
127	10.0	7.4	11.0

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#48

Methyl methacrylate

Concen: 18.371 ug/l

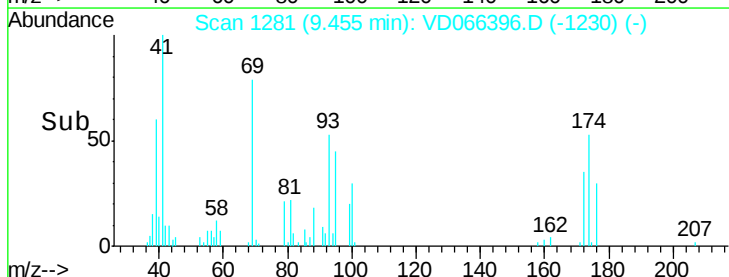
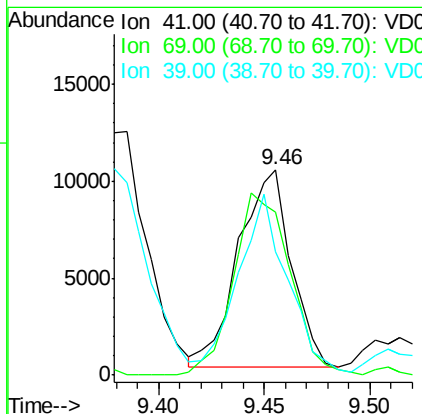
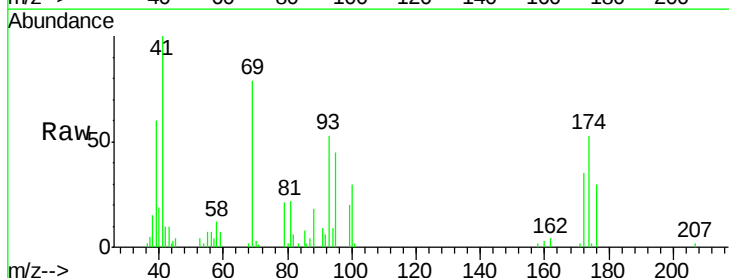
RT: 9.46 min Scan# 1281

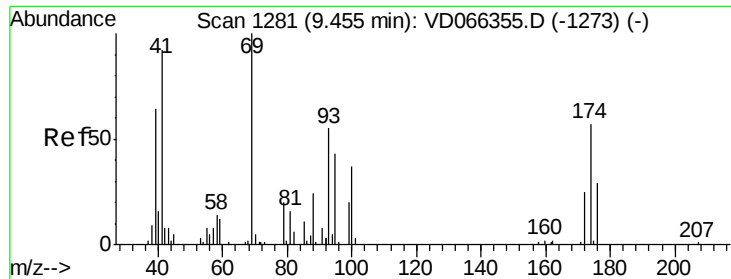
Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion:	41	Resp:	17667
Ion	Ratio	Lower	Upper
41	100		
69	98.9	75.5	113.3
39	87.7	57.0	85.4#





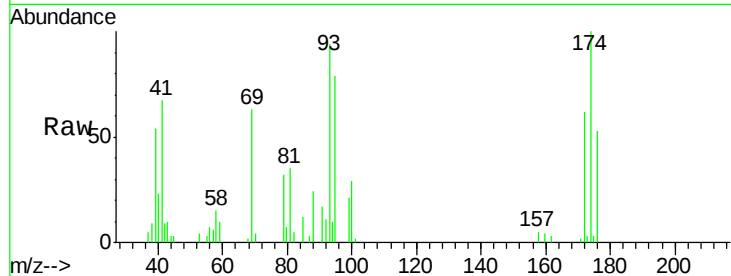
#49
1,4-Dioxane
Concen: 332.373 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

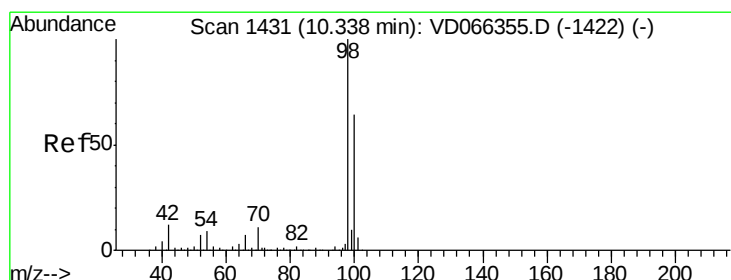
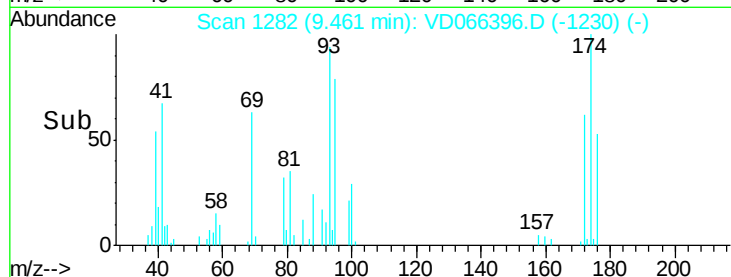
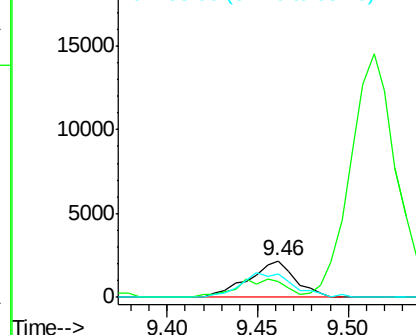
Tot Ion	Ratio	Resp	Lower	Upper
88	100	3915		
43	53.2	29.4	44.0#	
58	75.3	45.4	68.2#	

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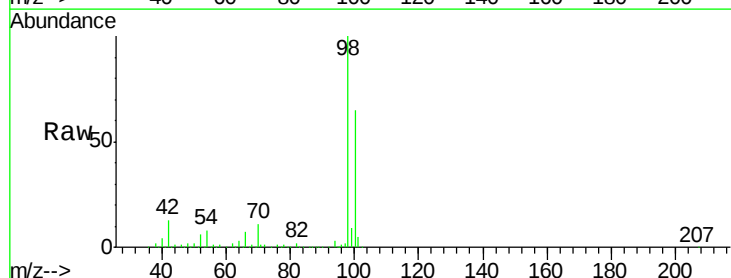


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

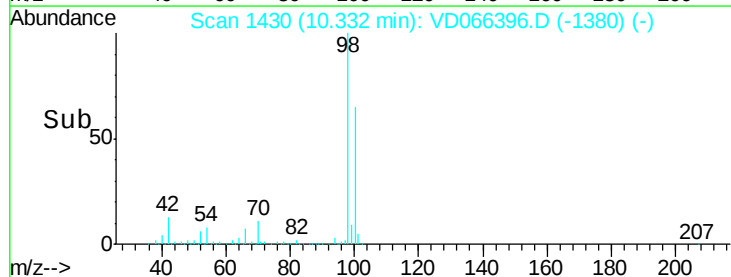
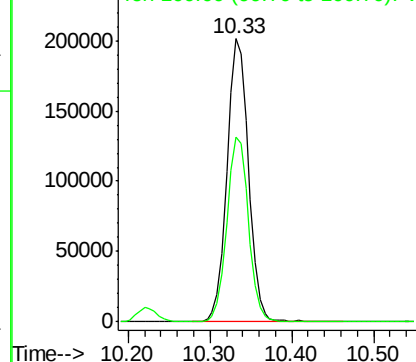


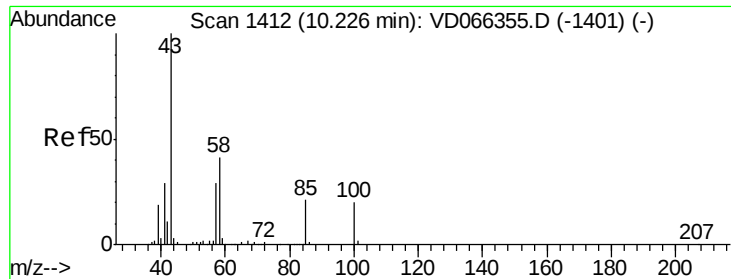
#50
Toluene-d8
Concen: 53.770 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	368328		
100	65.6	53.0	79.4	



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





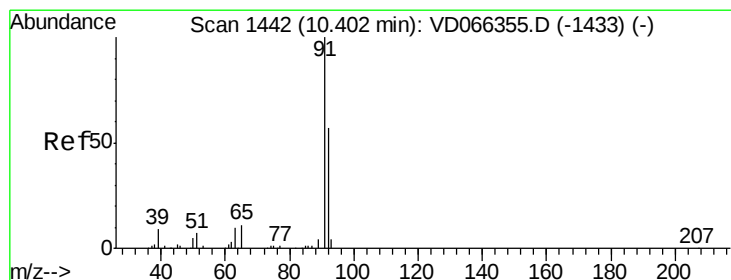
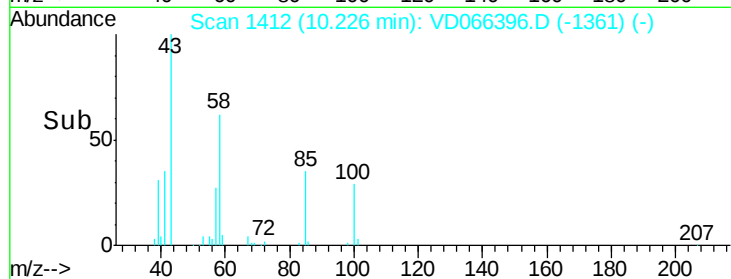
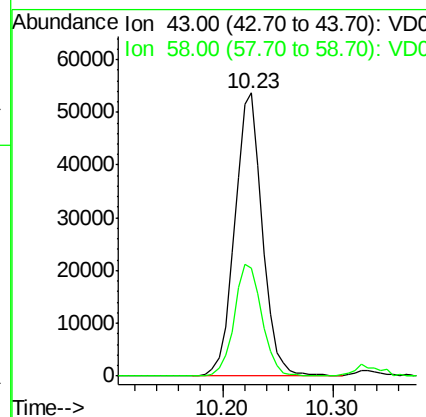
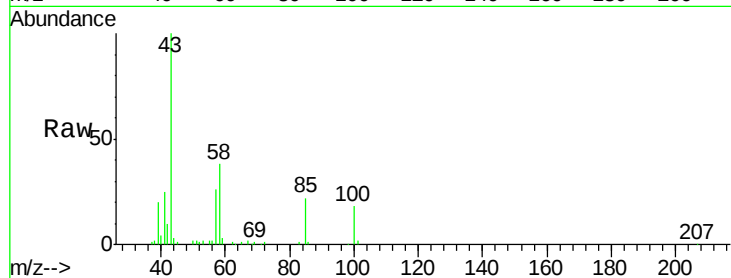
#51
 4-Methyl-2-Pentanone
 Concen: 104.314 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion	43	Resp	94110
Ion Ratio	100	Lower	Upper
58	39.5	31.4	47.2

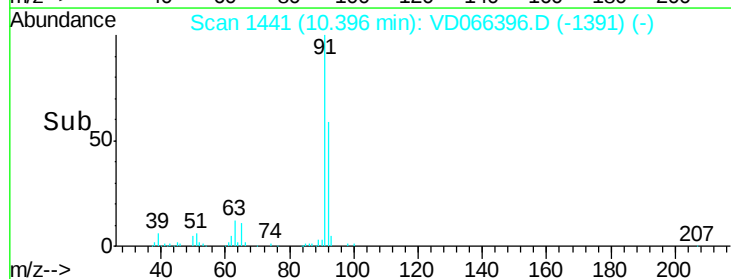
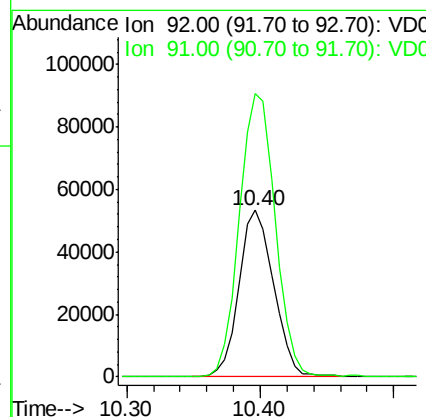
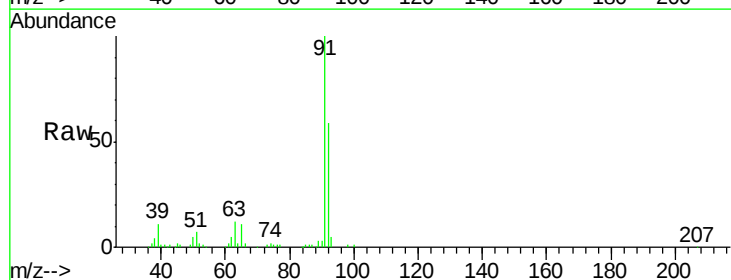
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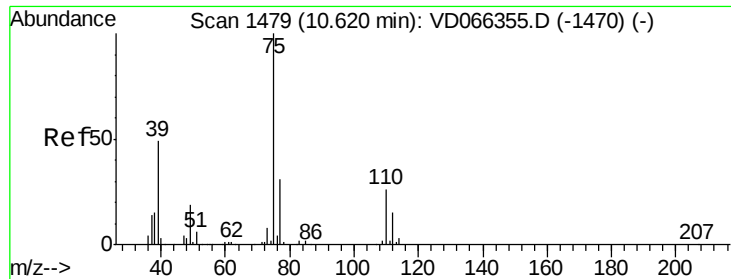
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#52
 Toluene
 Concen: 19.800 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion	92	Resp	96407
Ion Ratio	100	Lower	Upper
91	174.6	135.8	203.6





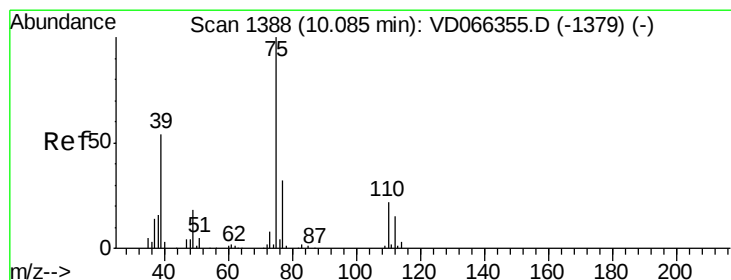
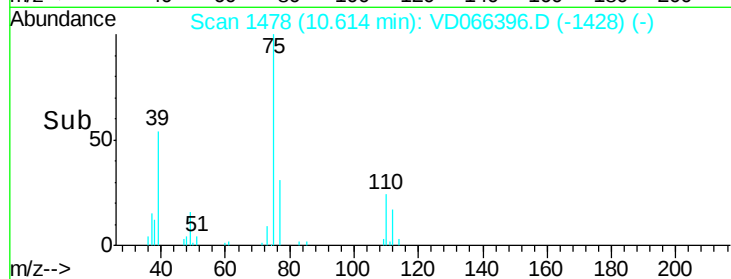
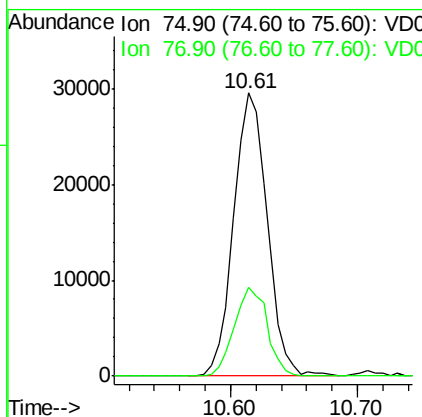
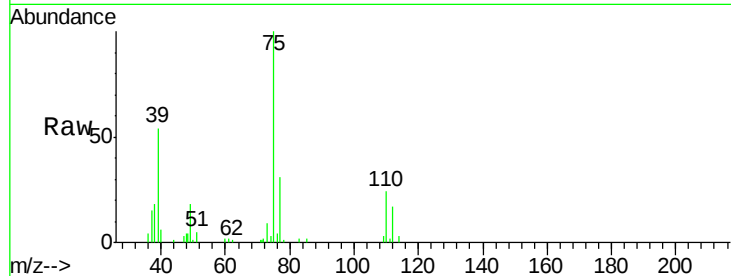
#53
t-1,3-Dichloropropene
Concen: 20.491 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion: 75 Resp: 54242
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7

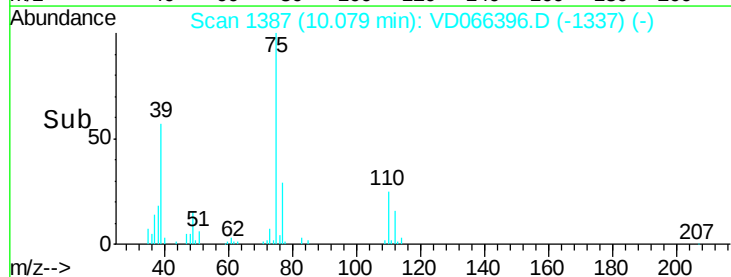
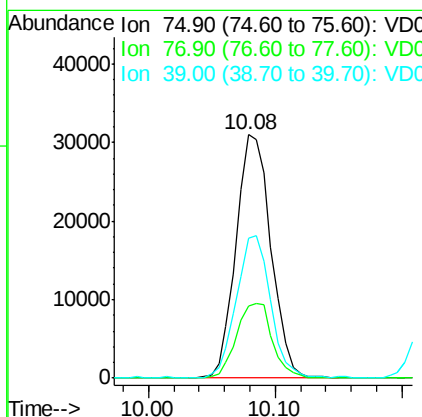
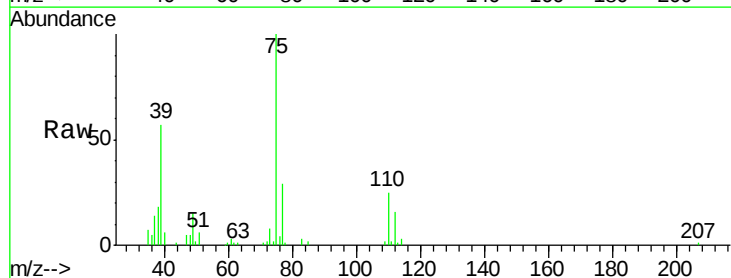
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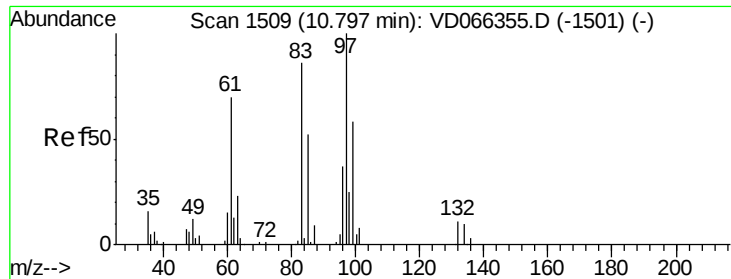
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#54
cis-1,3-Dichloropropene
Concen: 19.948 ug/l
RT: 10.08 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion: 75 Resp: 59269
Ion Ratio Lower Upper
75 100
77 29.4 25.6 38.4
39 57.5 43.4 65.0





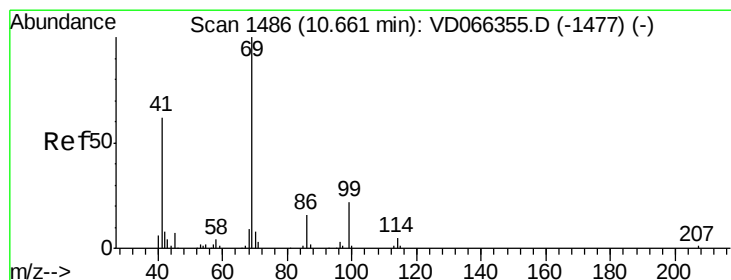
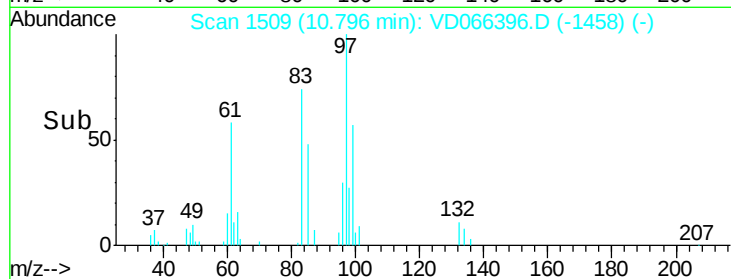
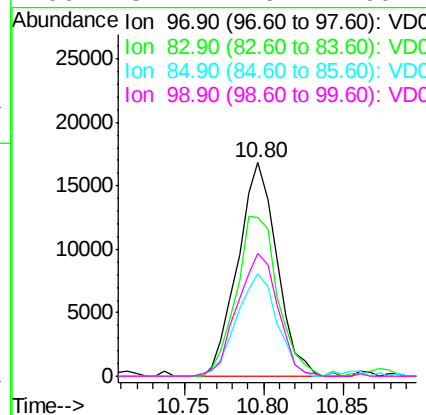
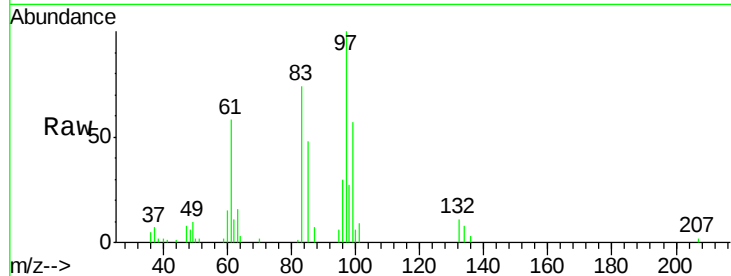
#55
 1,1,2-Trichloroethane
 Concen: 21.095 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28970		
83	74.2	68.4	102.6		
85	48.1	41.3	61.9		
99	57.4	46.1	69.1		

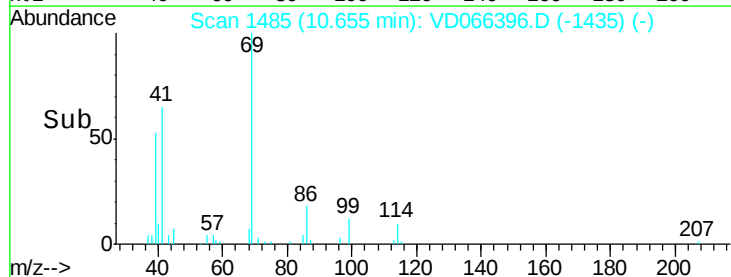
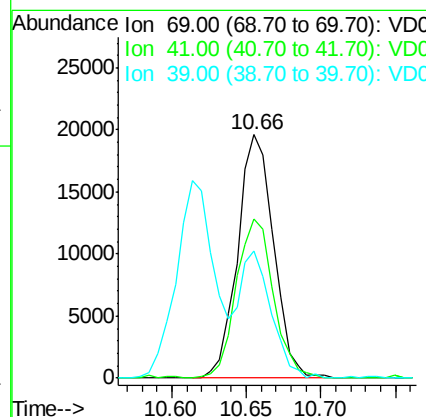
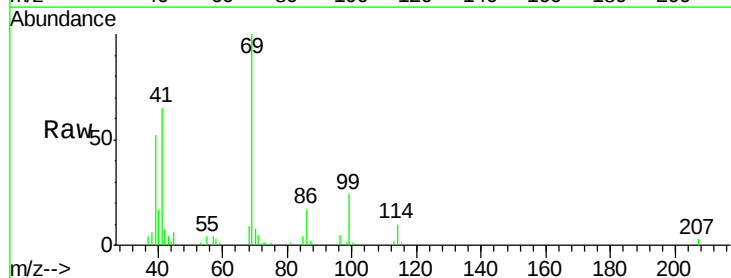
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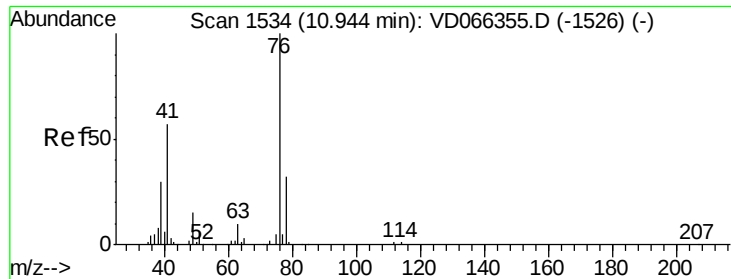
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#56
 Ethyl methacrylate
 Concen: 20.657 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		32840		
41	67.9	50.8	76.2		
39	46.9	32.9	49.3		





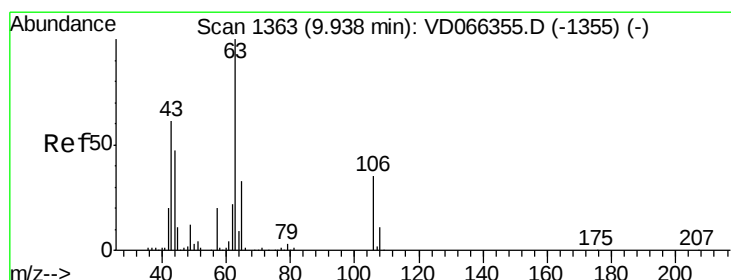
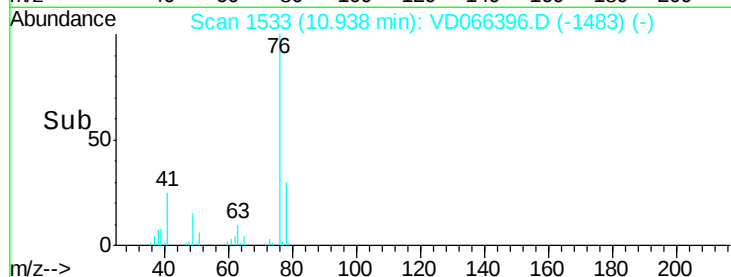
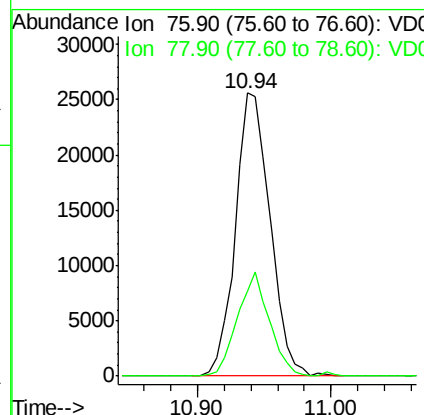
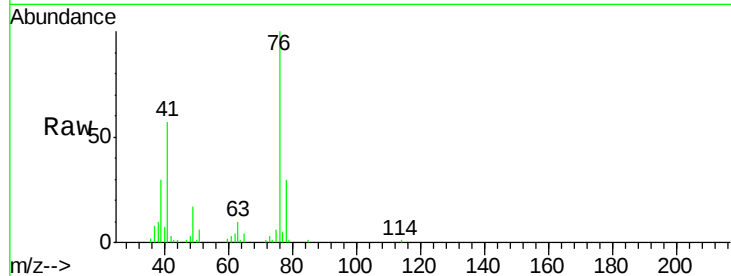
#57
 1,3-Dichloropropane
 Concen: 20.323 ug/l
 RT: 10.94 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion: 76 Resp: 46164
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.6 38.4

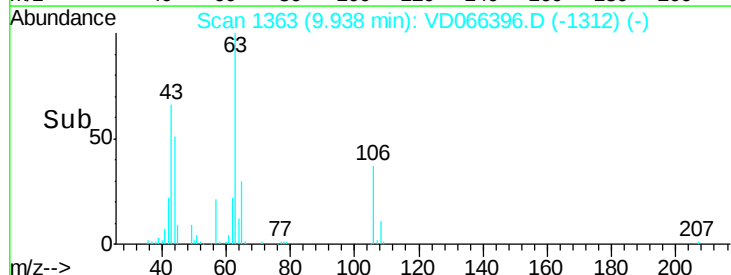
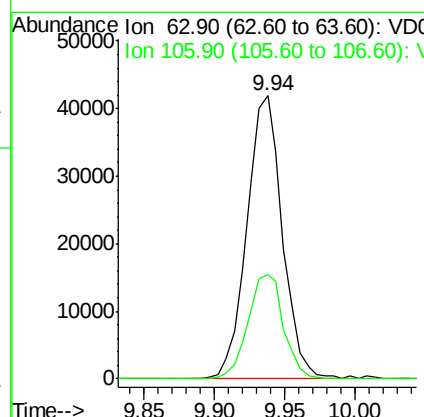
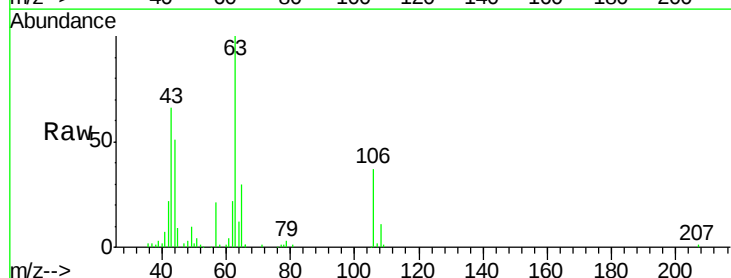
Manual Integrations
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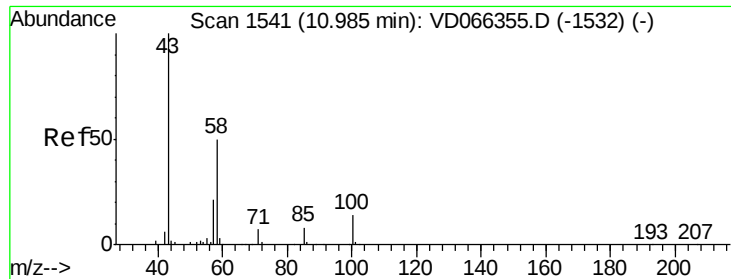
MMDadoda
 8/26/2020 4:23:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.651 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion: 63 Resp: 73719
 Ion Ratio Lower Upper
 63 100
 106 36.9 27.1 40.7





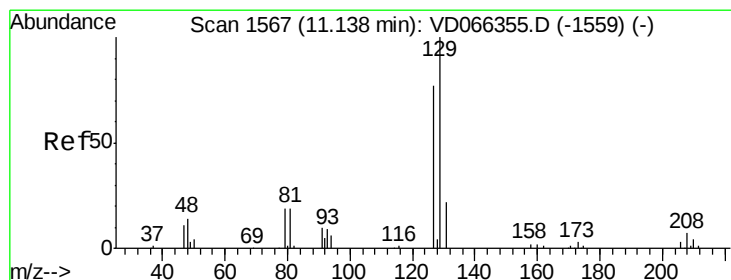
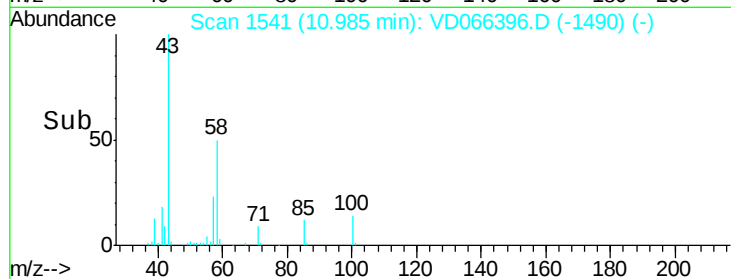
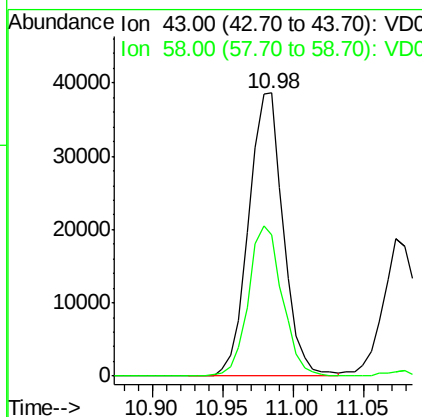
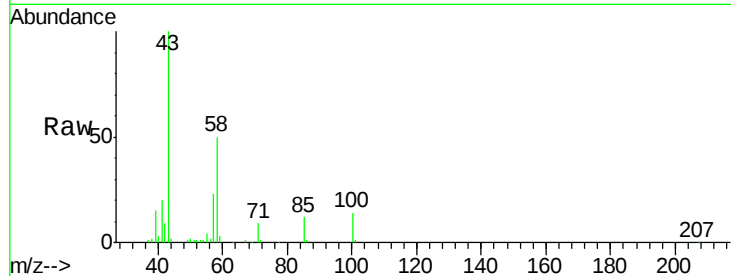
#59
2-Hexanone
Concen: 104.744 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	43	Resp	66656
Ion Ratio	100	Lower	Upper
43	100		
58	51.8	26.3	78.8

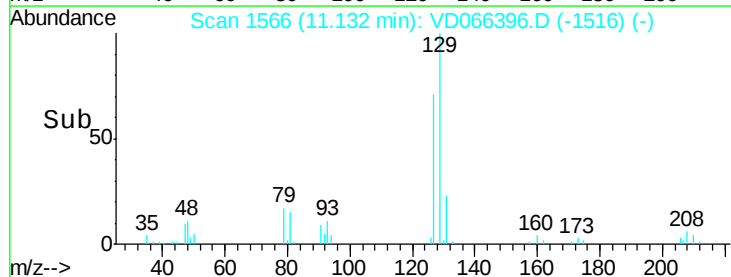
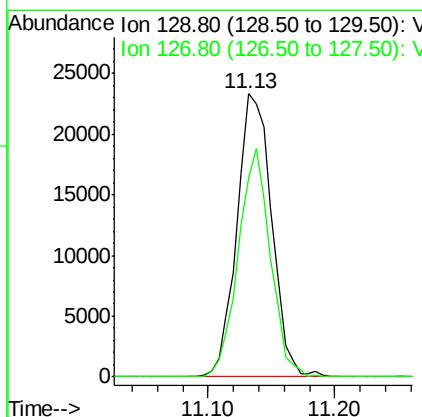
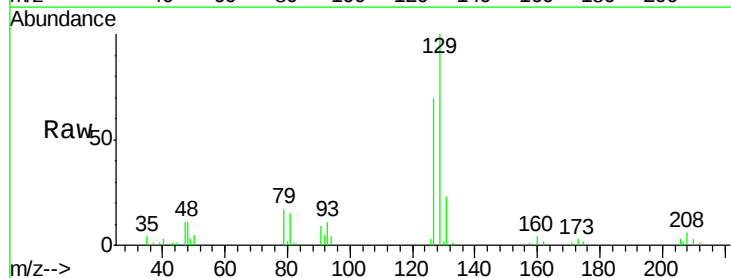
Manual Integrations
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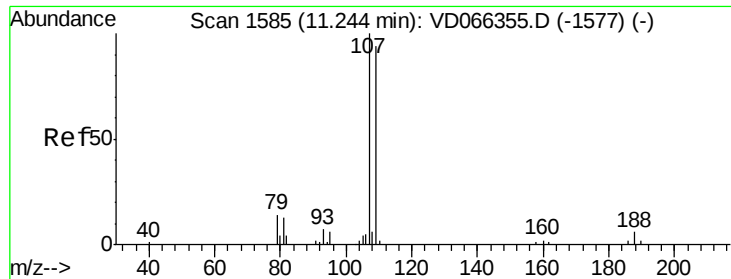
MMDadoda
8/26/2020 4:23:02 PM



#60
Dibromochloromethane
Concen: 21.443 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	129	Resp	44388	
Ion Ratio <th>129</th> <th>100</th> <th>Lower</th> <th>Upper</th>	129	100	Lower	Upper
129	100			
127	74.3	39.0	117.0	





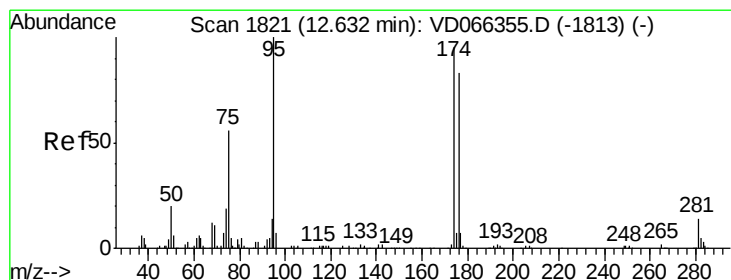
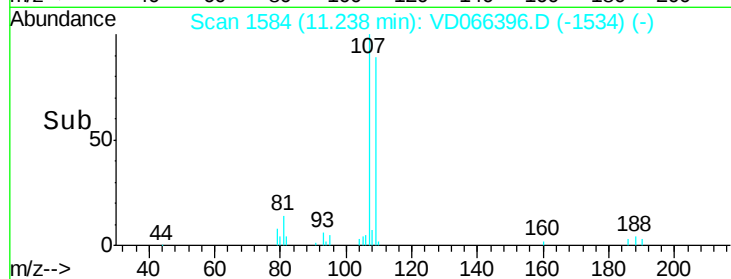
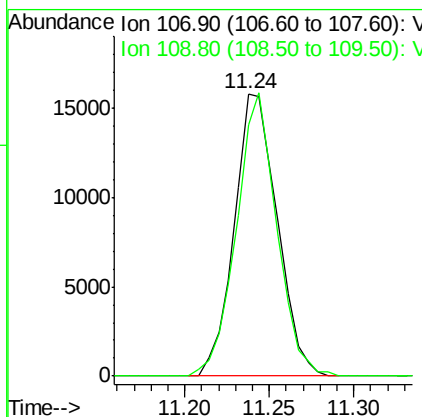
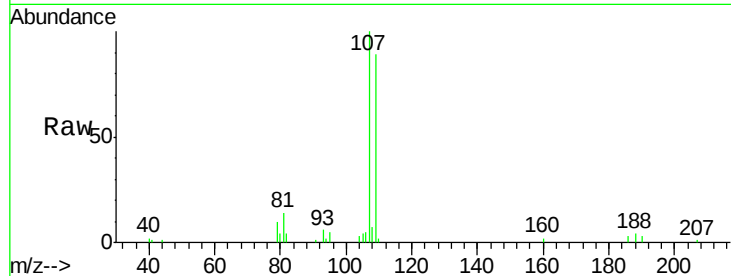
#61
 1,2-Dibromoethane
 Concen: 20.667 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion: 107 Resp: 27930
 Ion Ratio Lower Upper
 107 100
 109 94.5 77.8 116.8

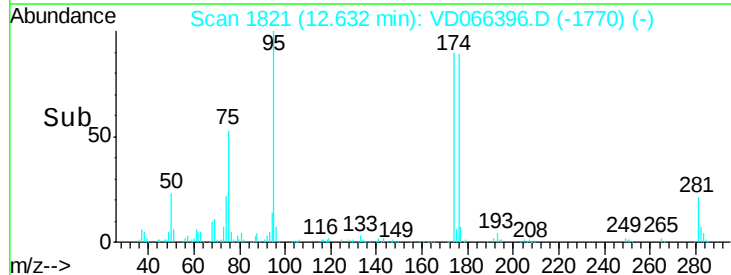
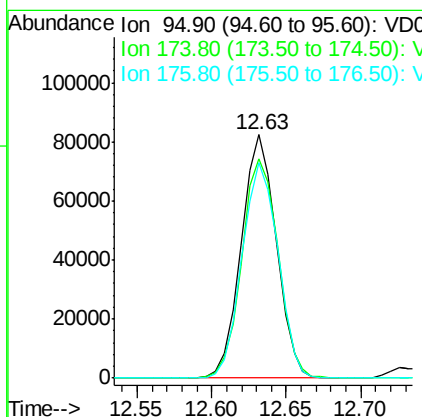
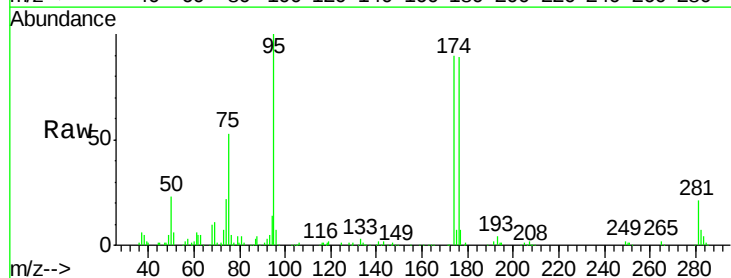
Manual Integrations
 APPROVED

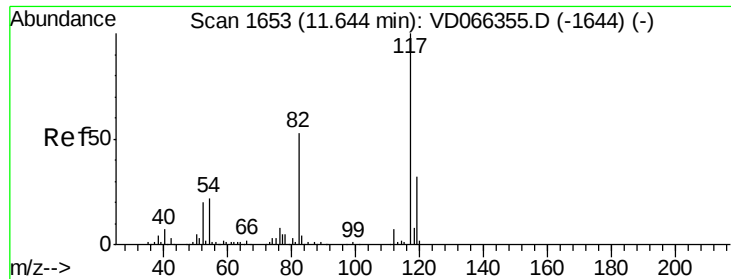
MMDadoda
 8/26/2020 4:23:02 PM



#62
 4-Bromofluorobenzene
 Concen: 54.974 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion: 95 Resp: 133627
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 183.4
 176 91.2 0.0 173.8





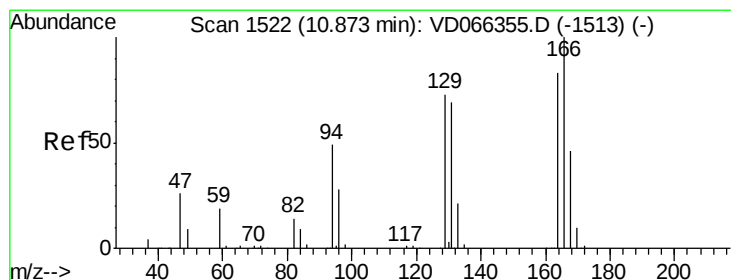
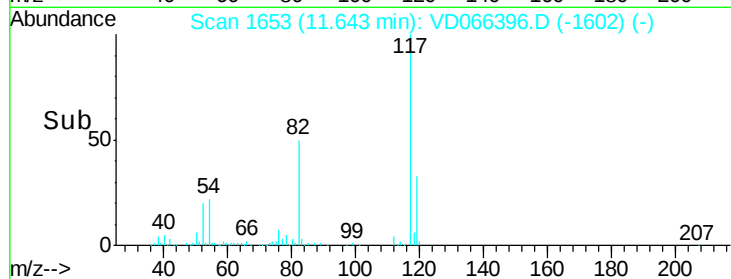
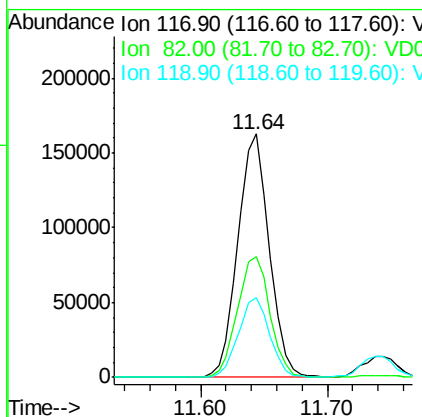
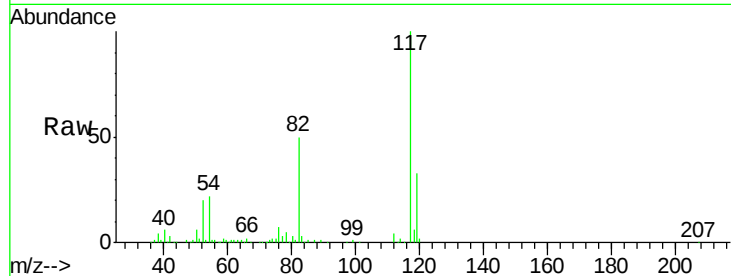
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	278970		
82	49.7		42.8	64.2
119	32.9		25.8	38.8

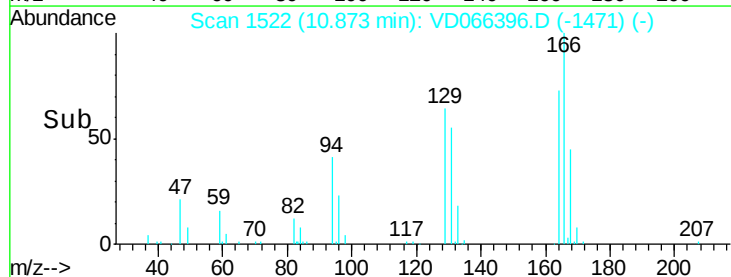
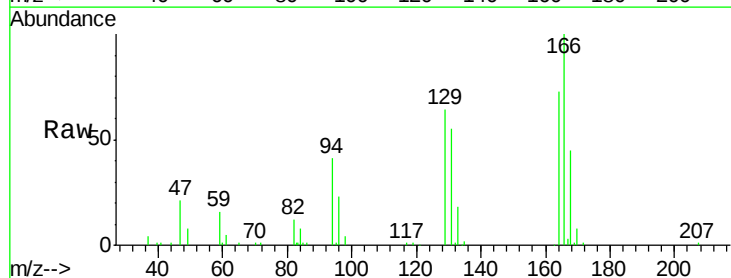
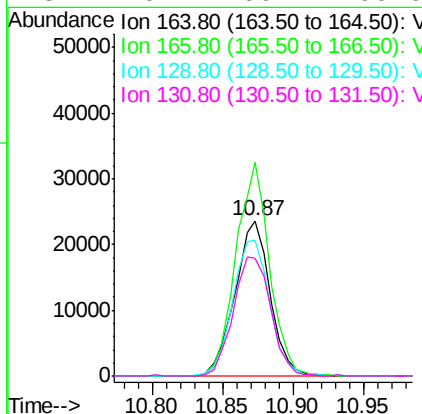
Manual Integrations
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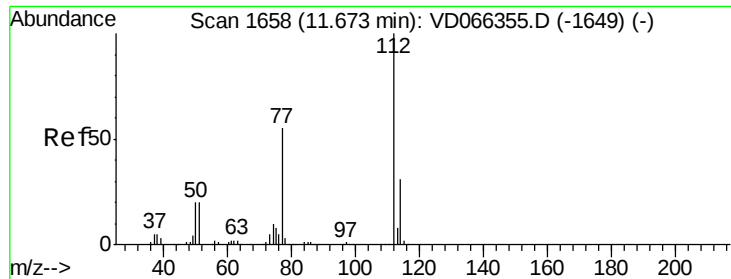
MMDadoda
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#64
Tetrachloroethene
Concen: 19.352 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40954		
166	137.6		96.2	144.4
129	87.5		70.3	105.5
131	76.2		66.4	99.6





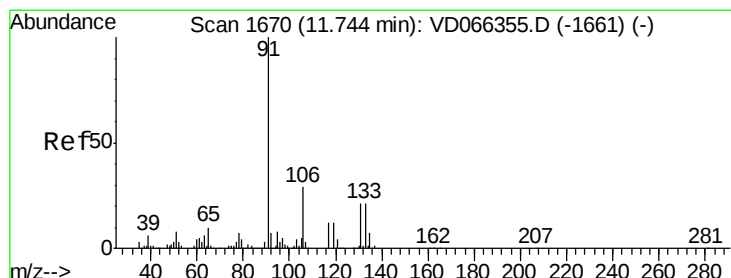
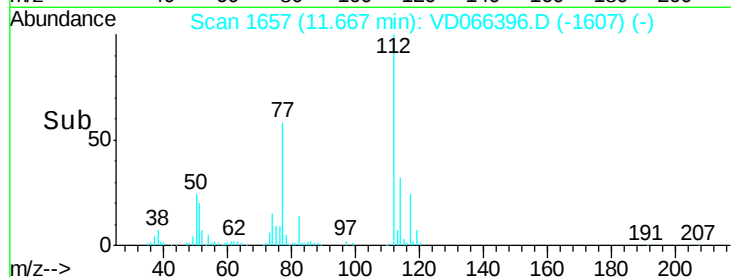
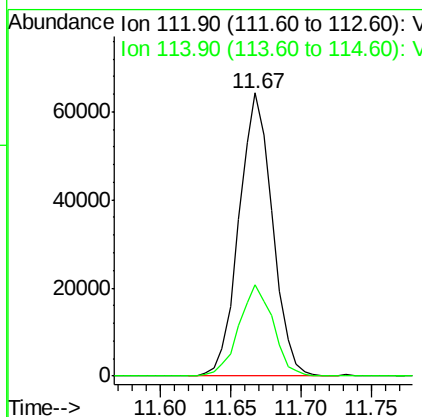
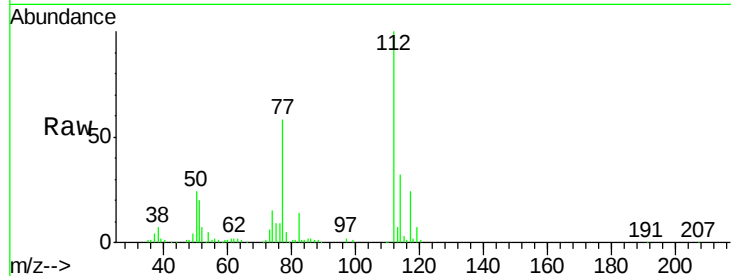
#65
Chlorobenzene
Concen: 19.224 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	106697		
114	32.2	25.1	37.7	

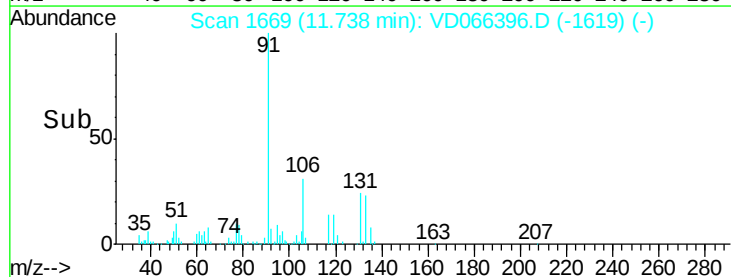
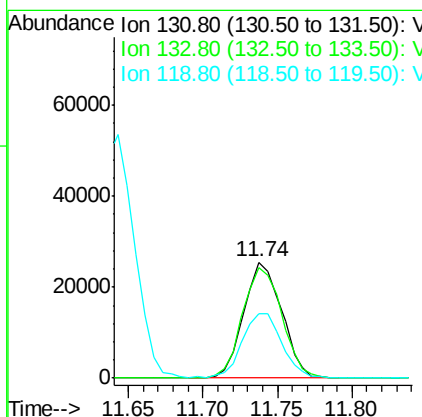
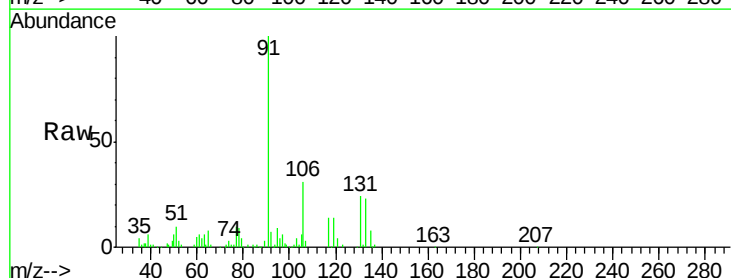
Manual Integrations
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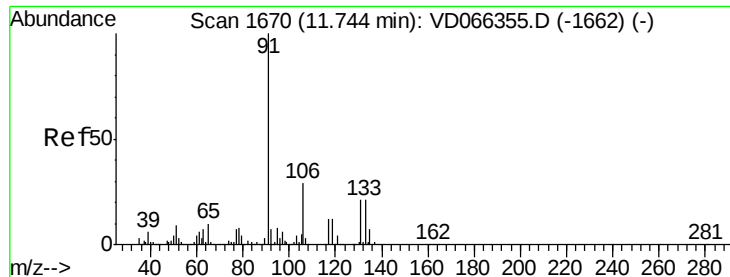
MMDadoda
8/26/2020 4:23:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.783 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	44870		
133	99.7	48.6	145.9	
119	58.8	29.0	87.1	





#67

Ethyl Benzene

Concen: 19.466 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 91 Resp: 190180

Ion Ratio Lower Upper

91 100

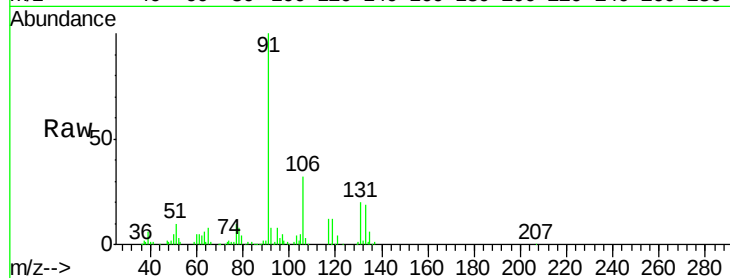
106 31.5 23.4 35.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1662) (-)

Ion 106.00 (105.70 to 106.70): VD066355.D (-1662) (-)

150000

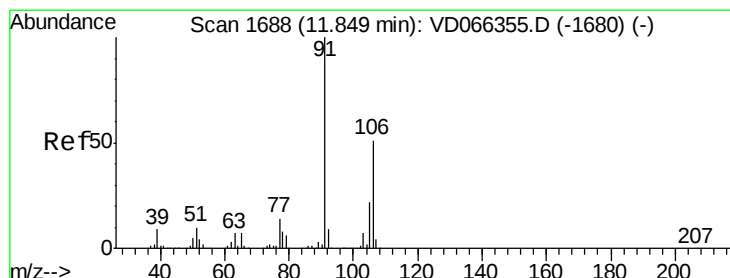
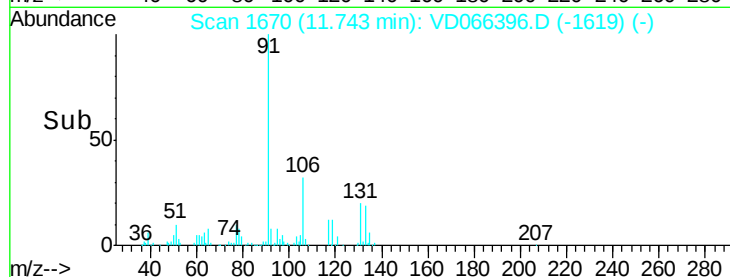
100000

50000

0

11.74

Time-->



#68

m/p-Xylenes

Concen: 40.198 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066396.D

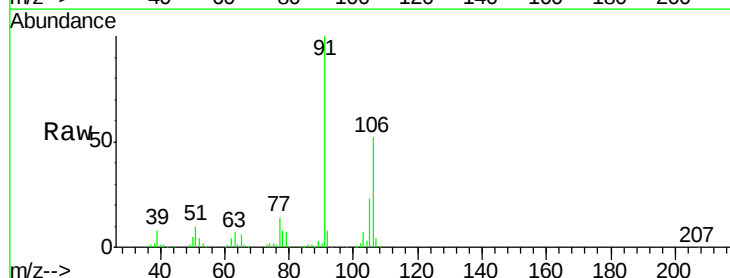
Acq: 25 Aug 2020 12:24

Tgt Ion: 106 Resp: 149685

Ion Ratio Lower Upper

106 100

91 203.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066355.D (-1680) (-)

Ion 91.00 (90.70 to 91.70): VD066355.D (-1680) (-)

150000

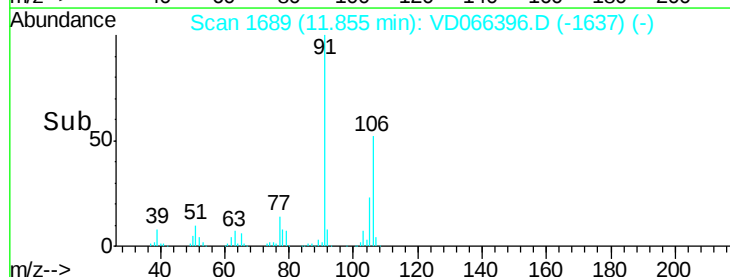
100000

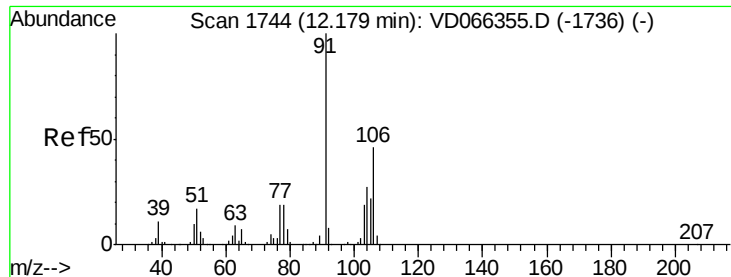
50000

0

11.86

Time-->





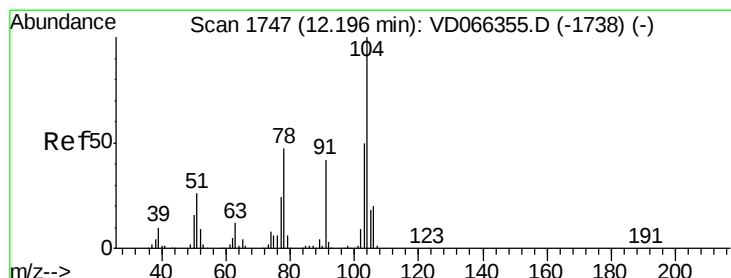
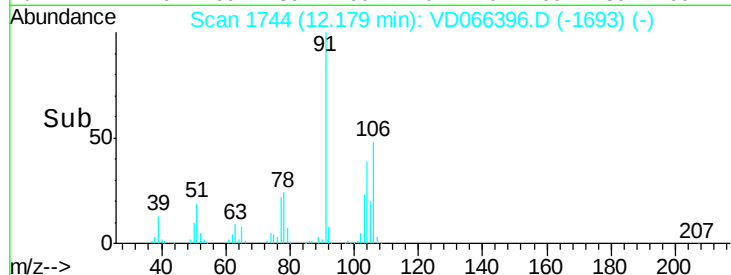
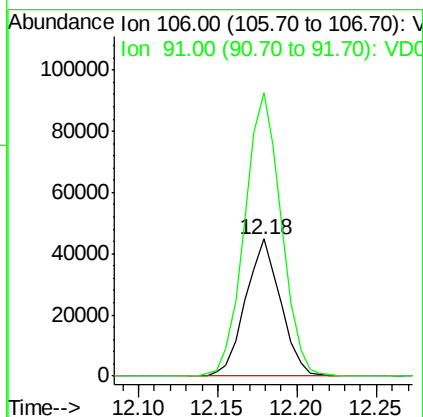
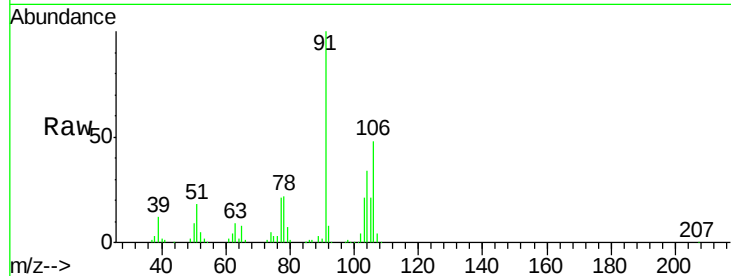
#69
o-Xylene
Concen: 19.866 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion:106 Resp: 68820
Ion Ratio Lower Upper
106 100
91 215.4 109.1 327.3

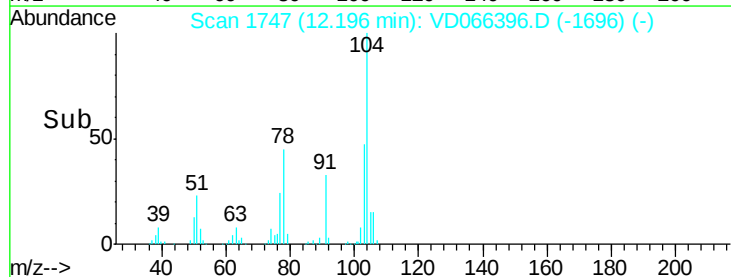
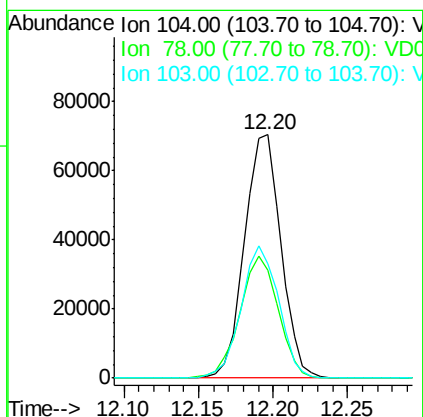
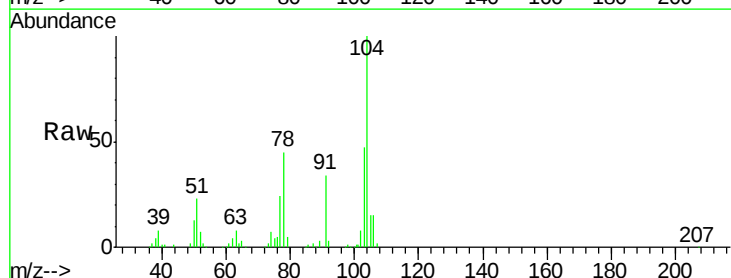
Manual Integrations
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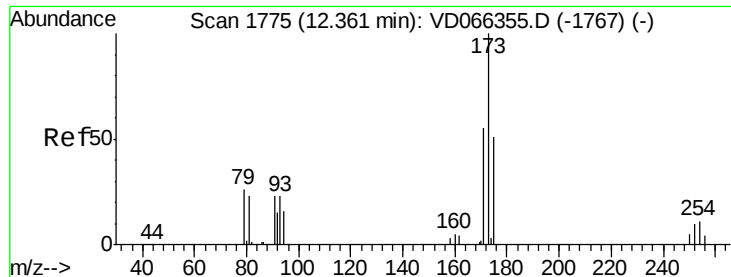
MMDadoda
8/26/2020 4:23:02 PM



#70
Styrene
Concen: 20.016 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion:104 Resp: 119057
Ion Ratio Lower Upper
104 100
78 52.8 41.7 62.5
103 56.1 43.5 65.3





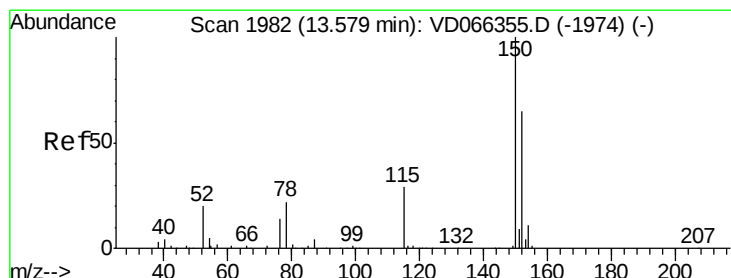
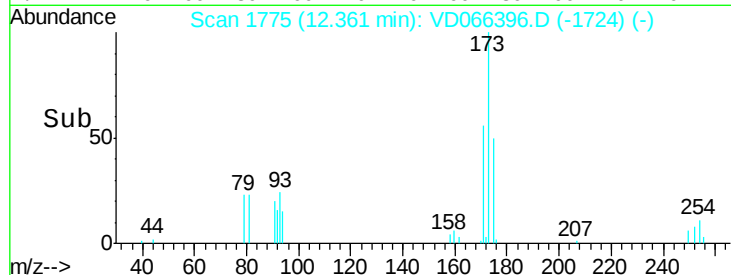
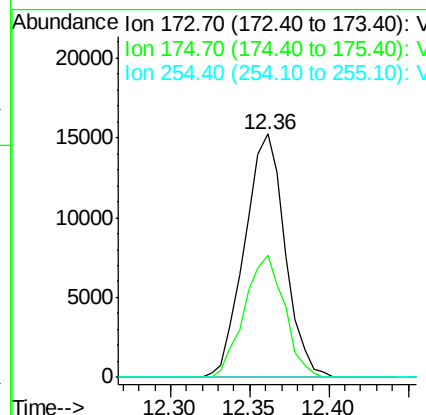
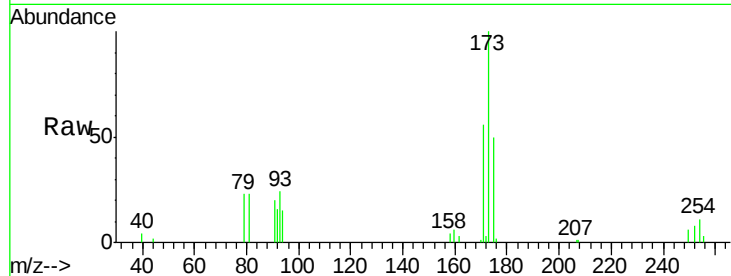
#71
Bromoform
Concen: 20.989 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.8	74.3
254	0.0	0.0	0.0

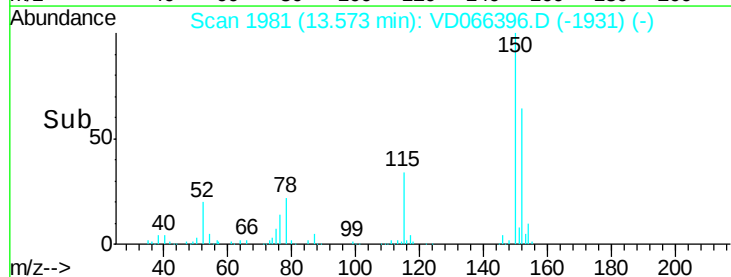
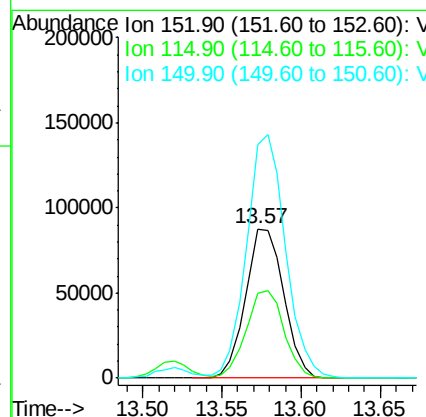
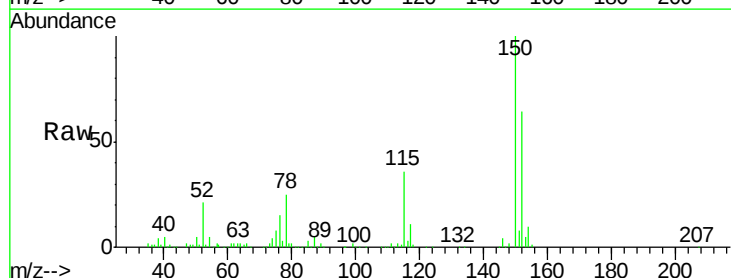
Manual Integrations
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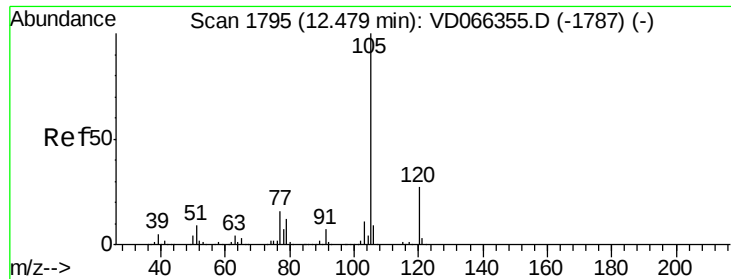
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.3	85.0
150	167.0	0.0	343.2





#73

Isopropylbenzene

Concen: 19.653 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleID :

VD0825SBS01

Tot Ion: 105 Resp: 193220

Ion Ratio Lower Upper

105 100

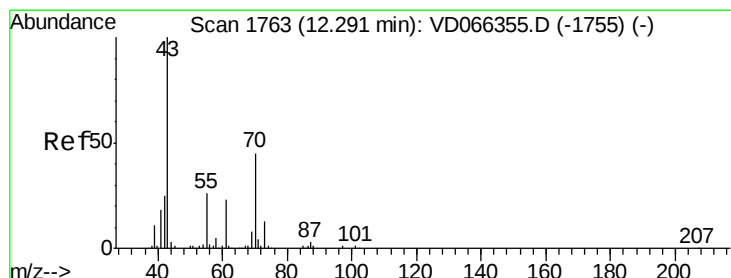
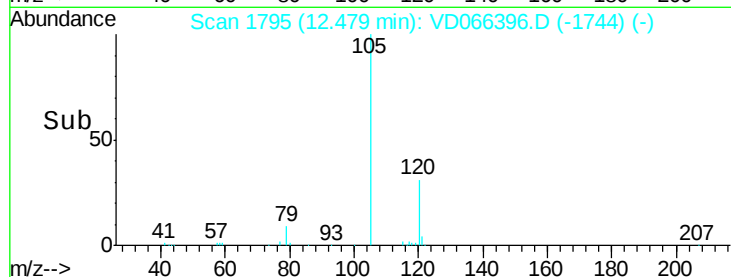
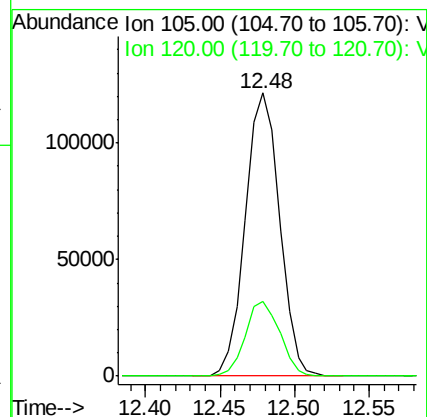
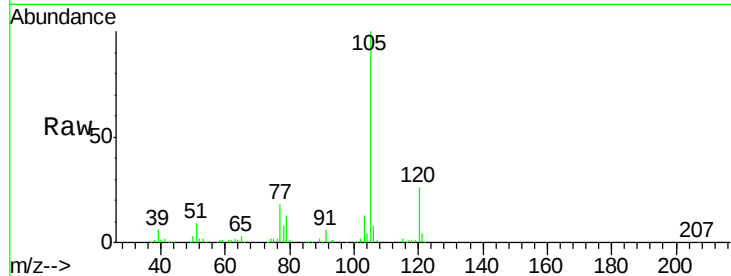
120 26.5 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.299 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion: 43 Resp: 36046

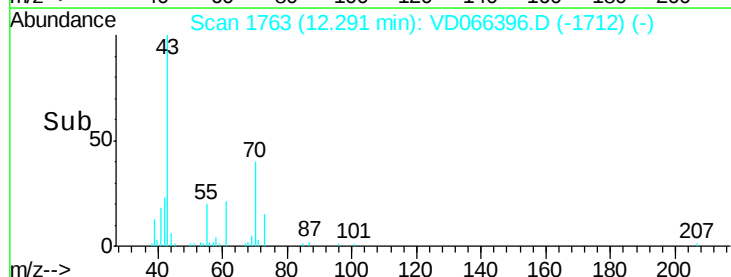
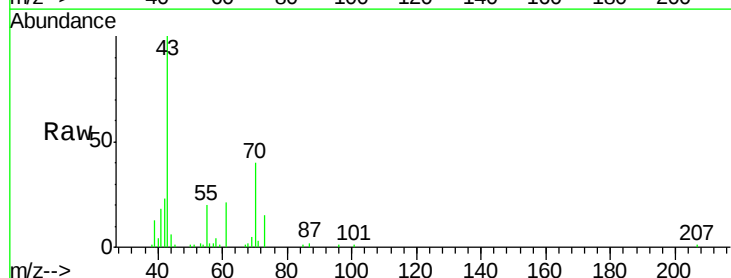
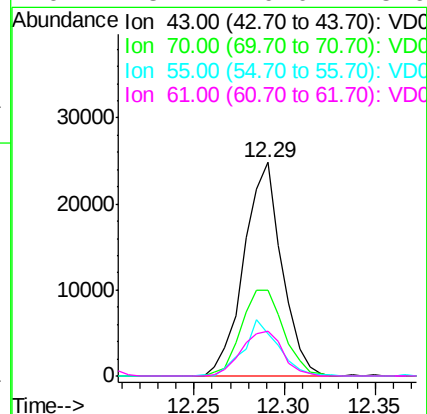
Ion Ratio Lower Upper

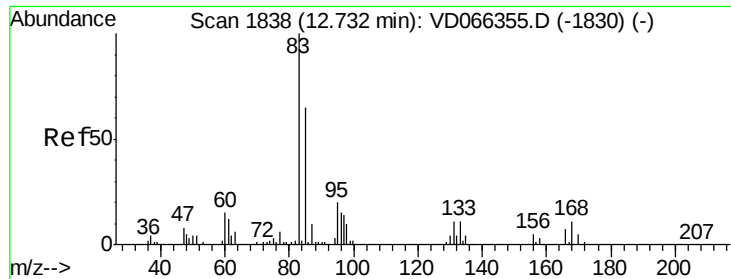
43 100

70 45.2 34.8 52.2

55 24.2 20.3 30.5

61 23.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.431 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

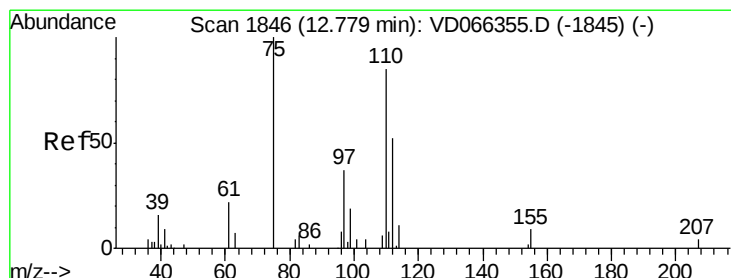
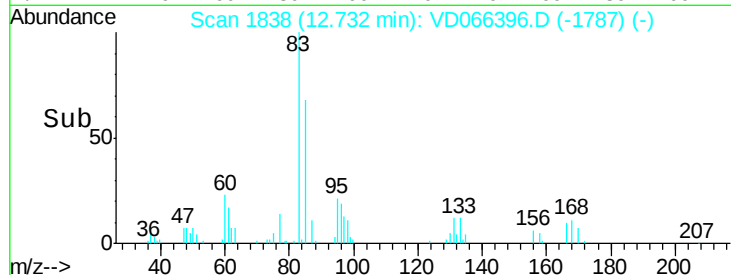
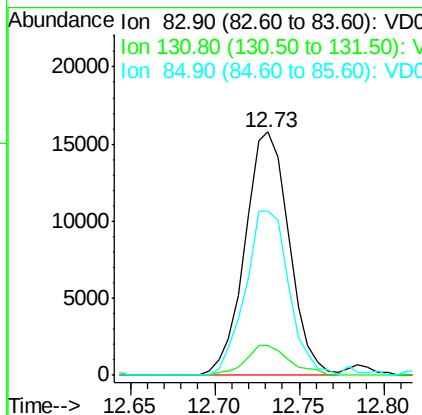
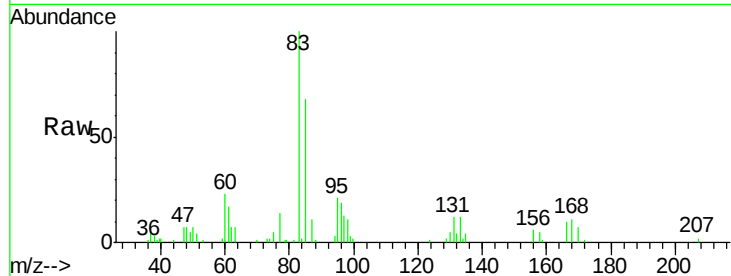
ClientSampleId :

VD0825SBS01

Tot Ion:	83	Resp:	28695
Ion Ratio	Lower	Upper	
83	100		
131	12.2	7.0	20.9
85	66.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.832 ug/l m

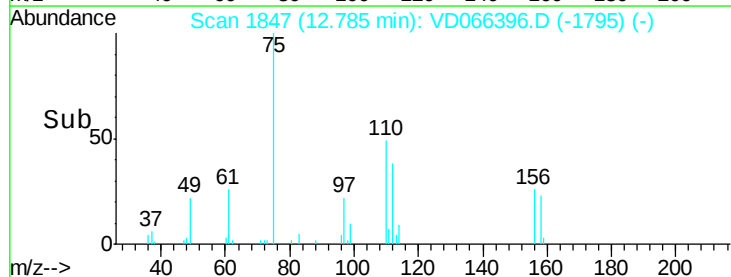
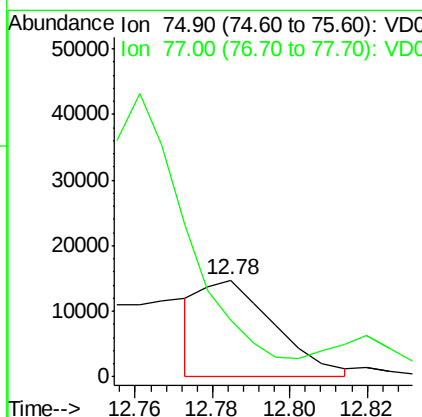
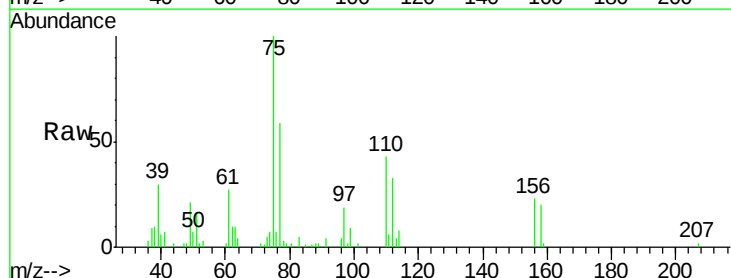
RT: 12.78 min Scan# 1847

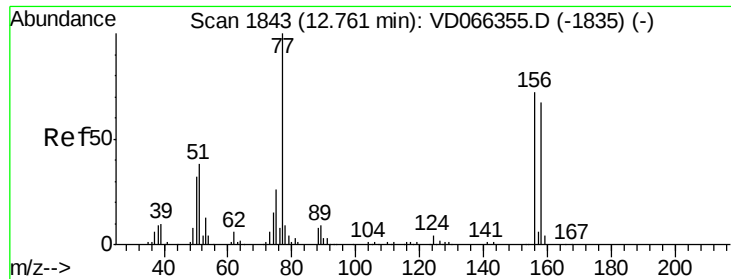
Delta R.T. 0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion:	75	Resp:	19444
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 20.015 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

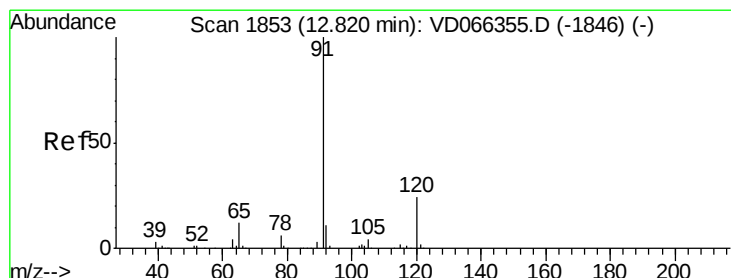
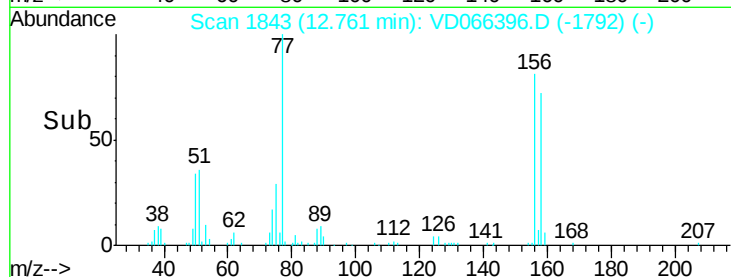
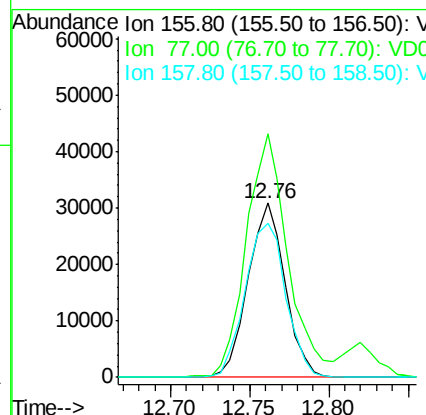
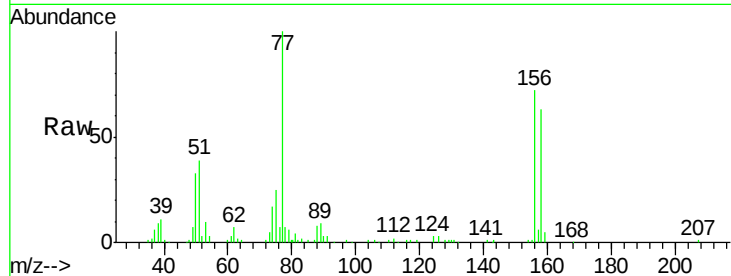
ClientSampleId :

VD0825SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.3	76.1	228.3
158	97.5	47.6	142.9

Manual Integrations
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#78

n-propylbenzene

Concen: 19.675 ug/l

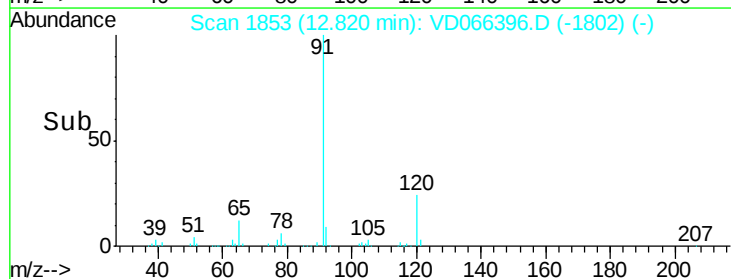
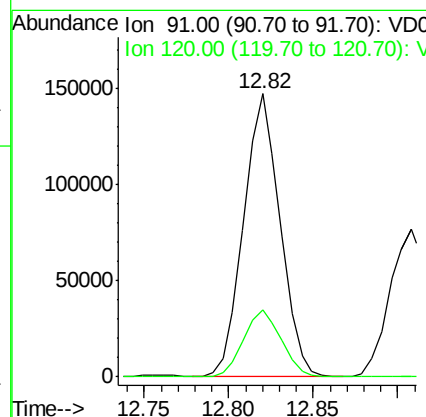
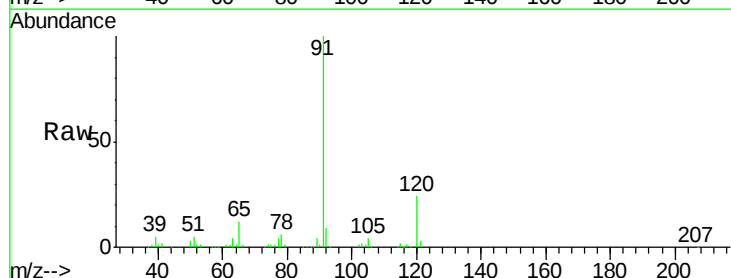
RT: 12.82 min Scan# 1853

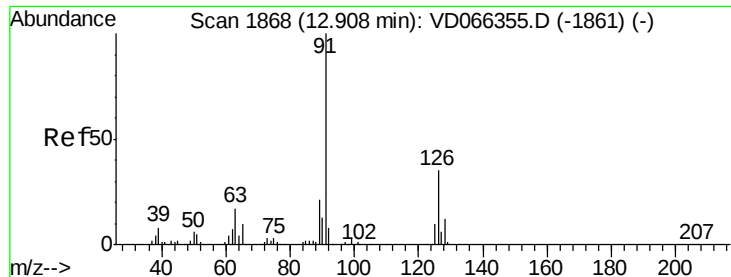
Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 19.715 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

Tot Ion: 91 Resp: 126935

Ion Ratio Lower Upper

91 100

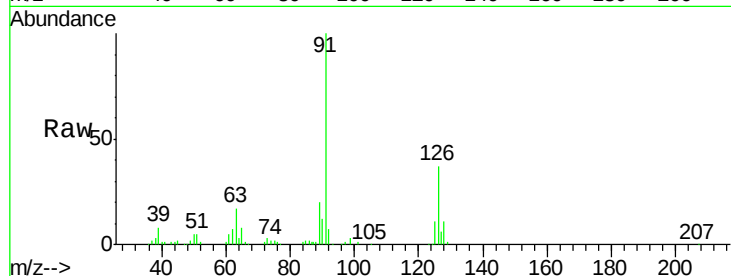
126 36.0 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066355.D (-1861) (-)

80000

60000

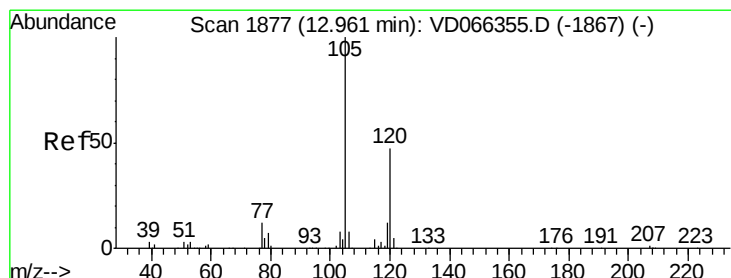
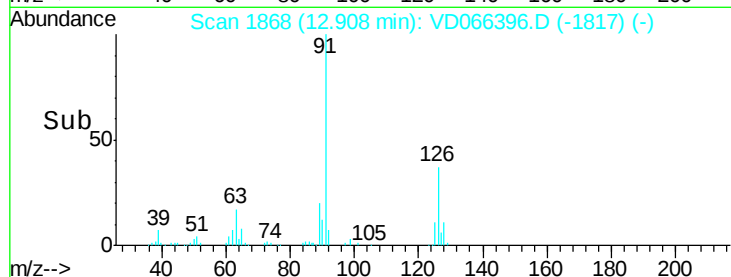
40000

20000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.667 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066396.D

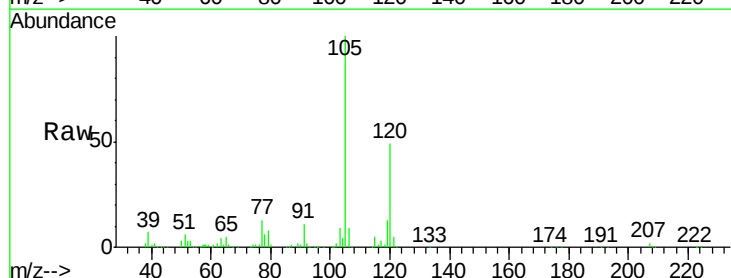
Acq: 25 Aug 2020 12:24

Tgt Ion:105 Resp: 166953

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066355.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD066355.D (-1867) (-)

120000

100000

80000

60000

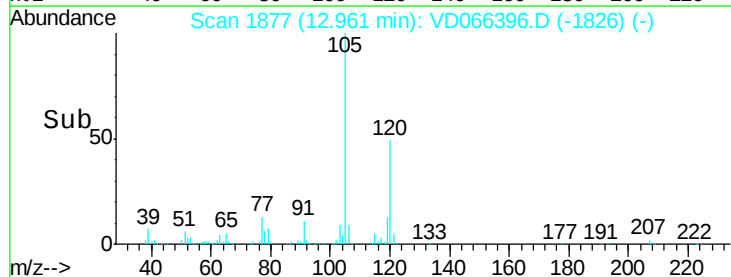
40000

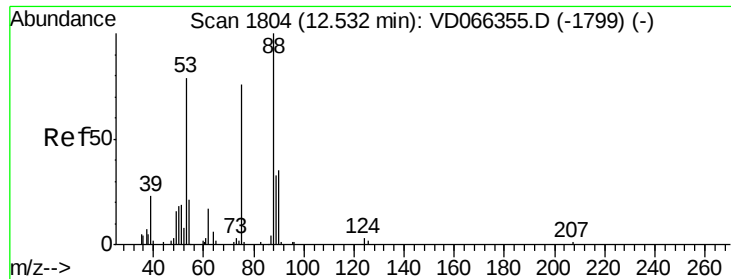
20000

0

12.85 12.90 12.95 13.00

Time-->





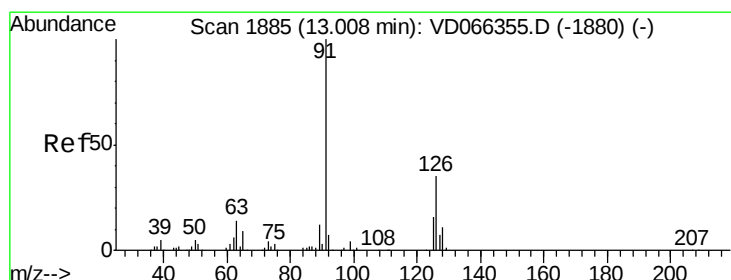
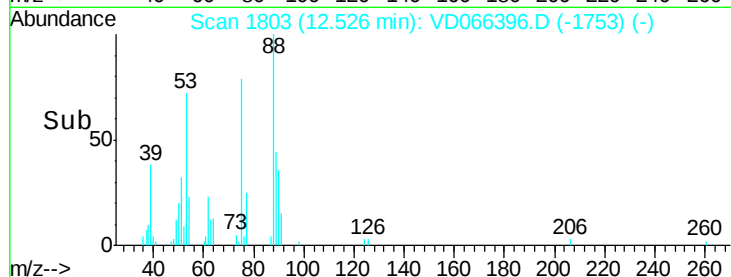
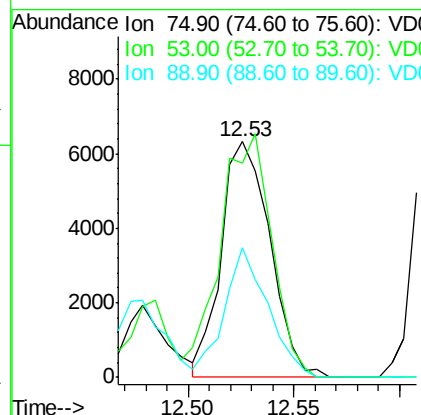
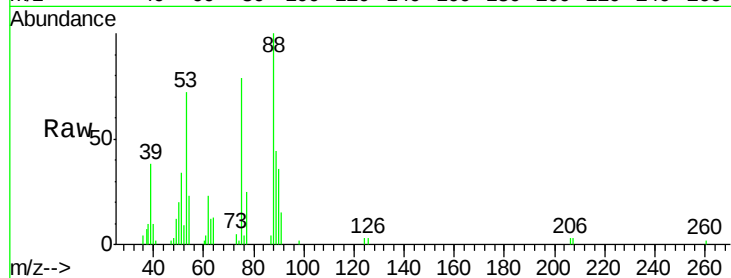
#81
trans-1,4-Dichloro-2-butene
Concen: 20.830 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.0	87.4	131.2
89	49.1	39.4	59.0

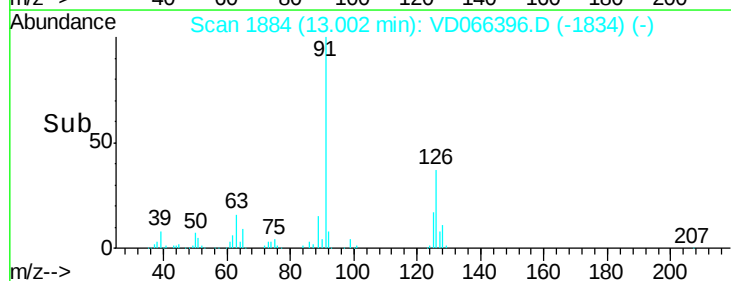
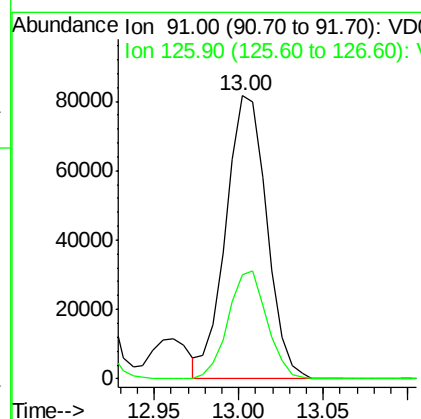
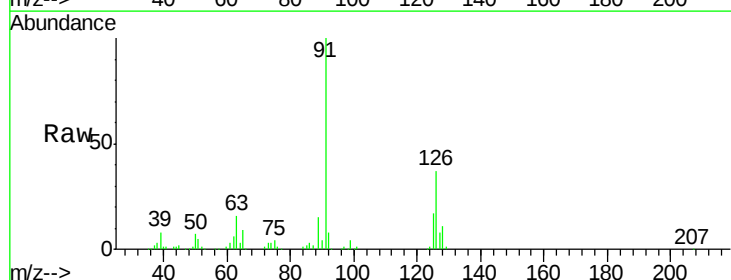
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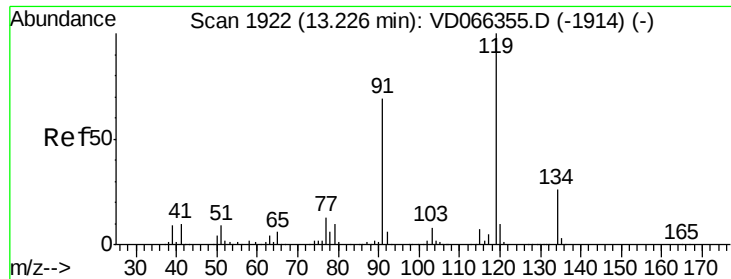
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#82
4-Chlorotoluene
Concen: 20.195 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.4	52.2





#83

tert-Butylbenzene

Concen: 19.336 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

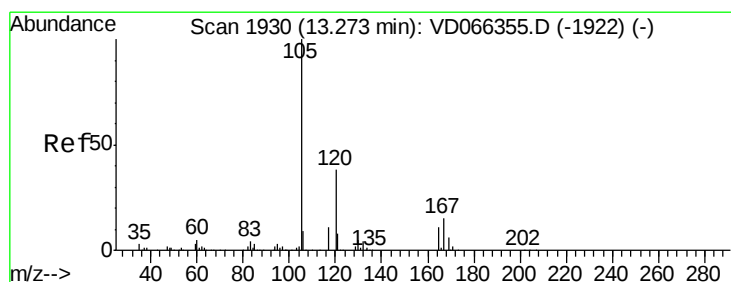
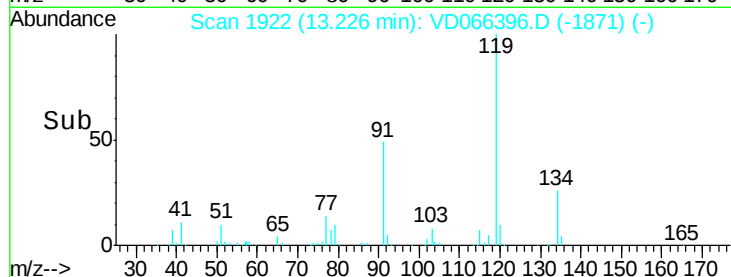
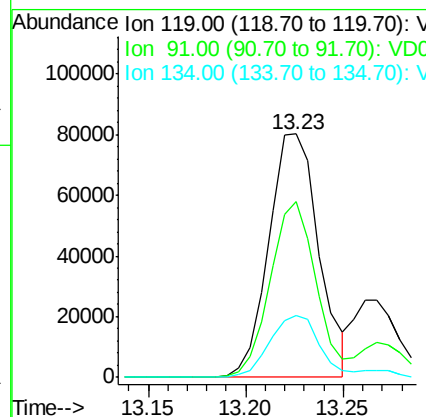
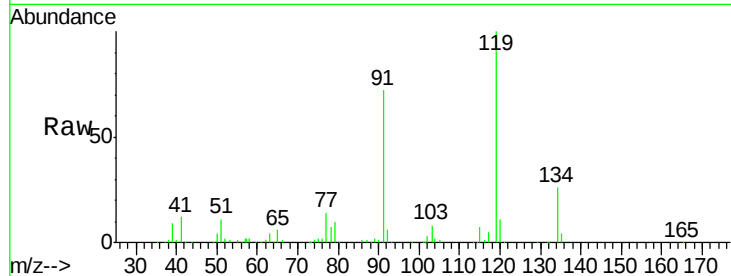
ClientSampleId :

VD0825SBS01

Tot Ion:	119	Resp:	142568
Ion Ratio	Lower	Upper	
119	100		
91	65.8	33.5	100.5
134	25.3	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 20.685 ug/l

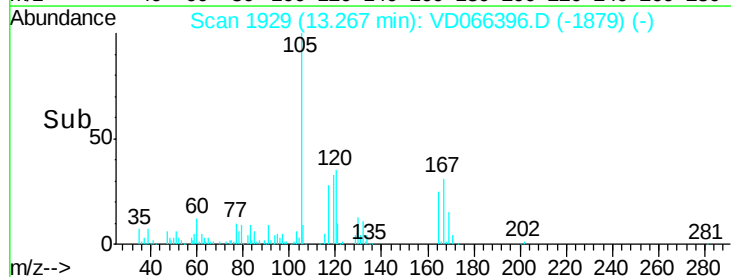
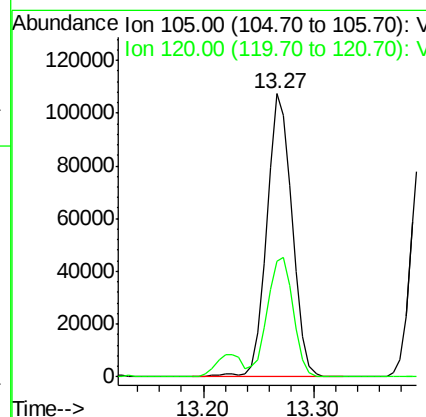
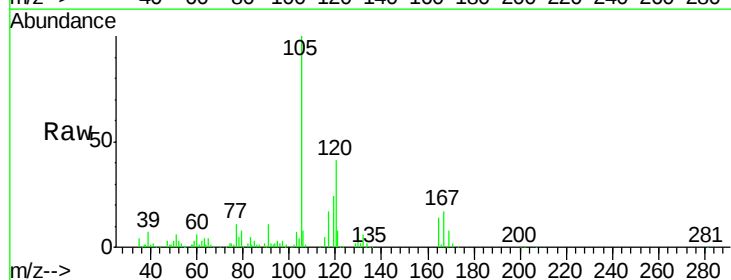
RT: 13.27 min Scan# 1929

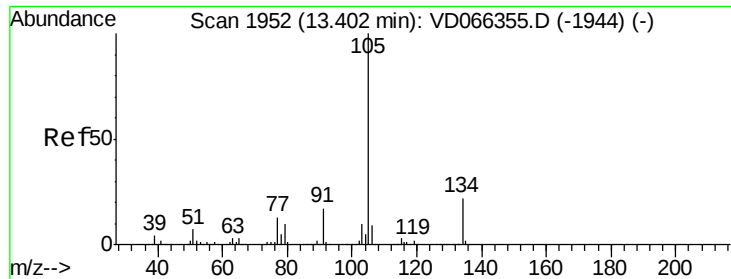
Delta R.T. -0.01 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Tgt Ion:	105	Resp:	172468
Ion Ratio	Lower	Upper	
105	100		
120	43.5	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.507 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

Instrument :

MSVOA_D

ClientSampled :

VD0825SBS01

Tot Ion:105 Resp: 188446

Ion Ratio Lower Upper

105 100

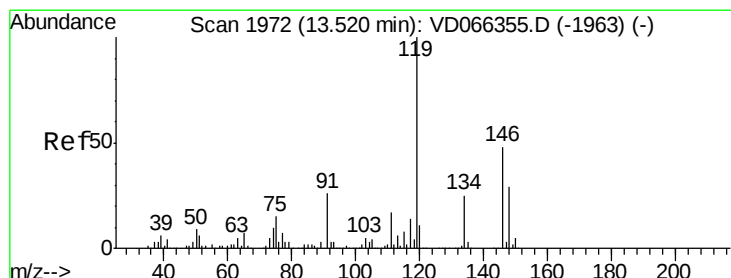
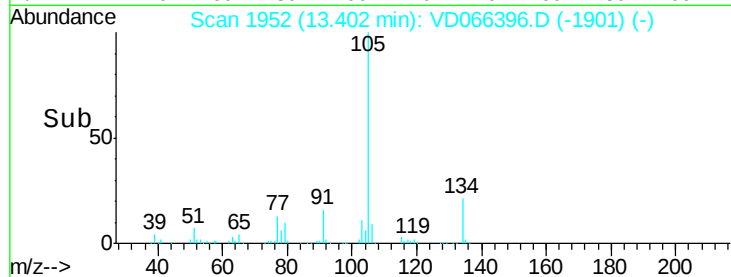
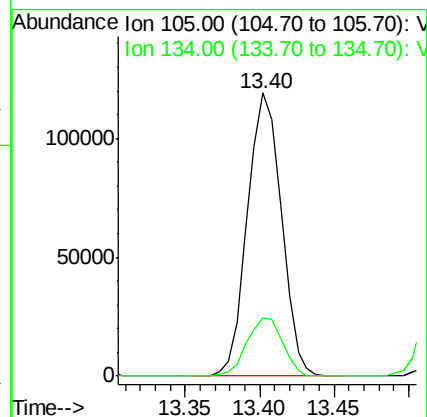
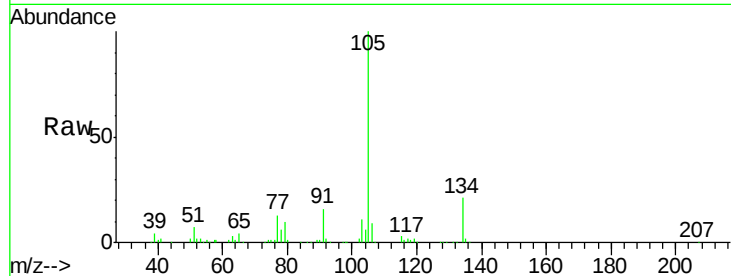
134 21.6 10.8 32.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.860 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066396.D

Acq: 25 Aug 2020 12:24

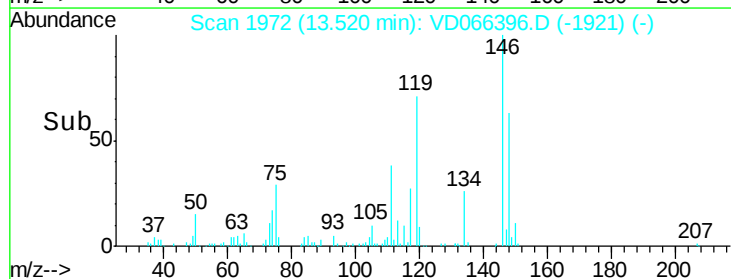
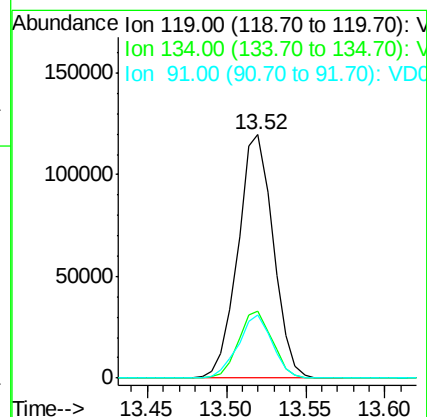
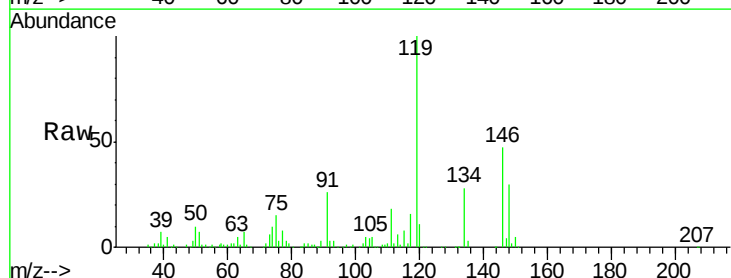
Tgt Ion:119 Resp: 184992

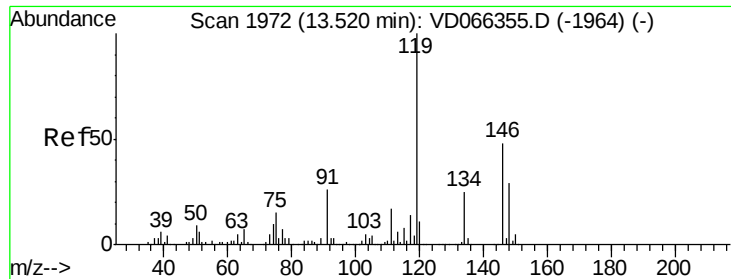
Ion Ratio Lower Upper

119 100

134 26.6 12.8 38.3

91 25.2 12.7 38.0





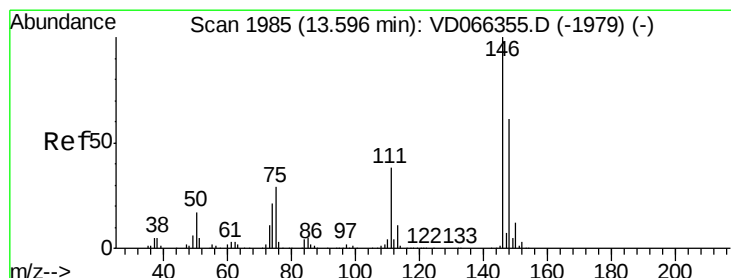
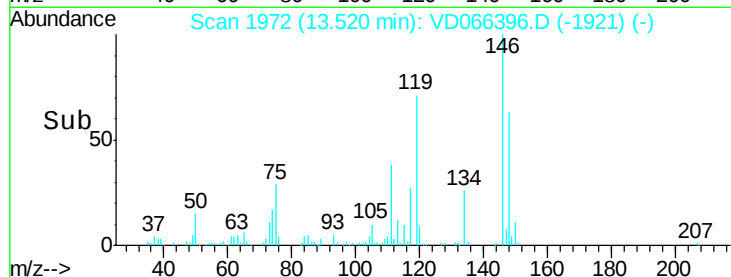
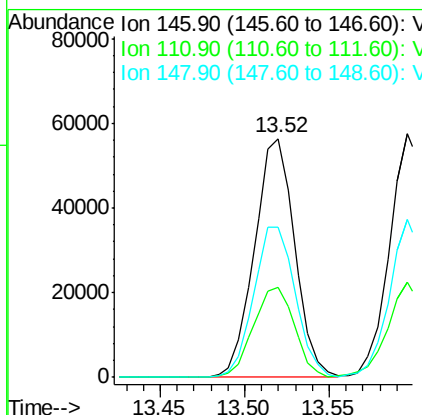
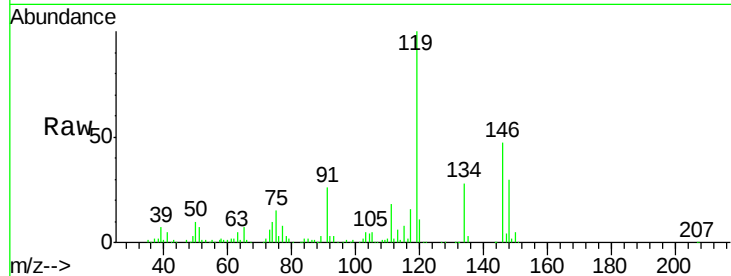
#87
 1,3-Dichlorobenzene
 Concen: 20.092 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	65.1	31.8	95.3

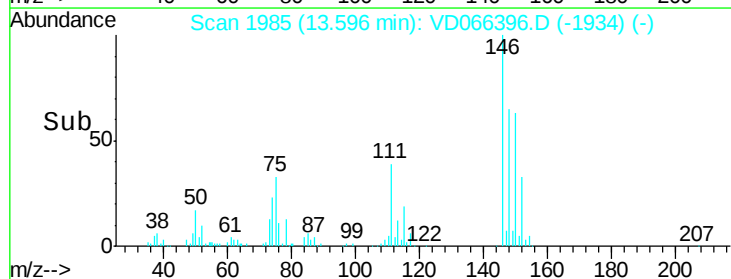
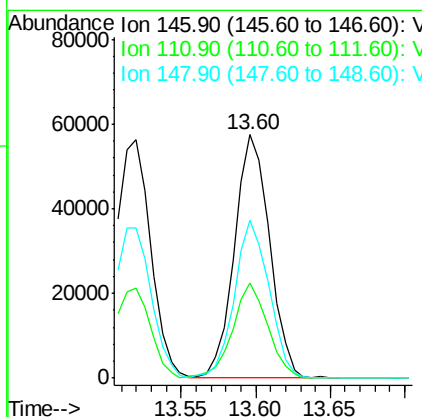
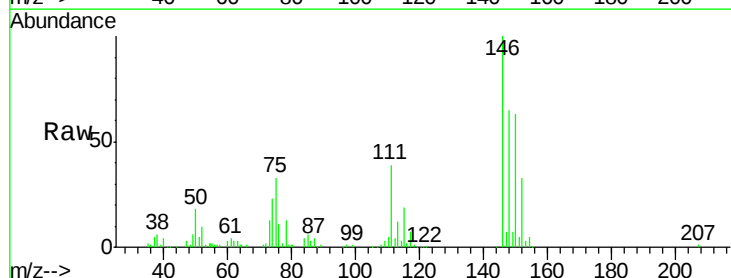
Manual Integrations
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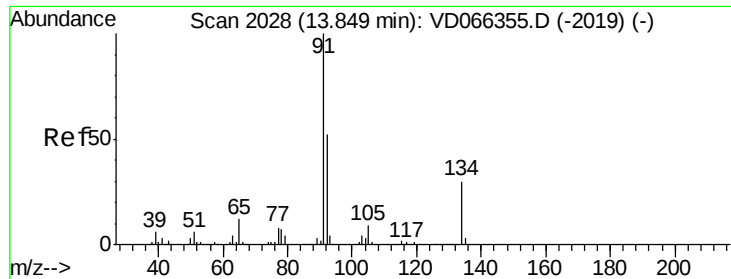
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#88
 1,4-Dichlorobenzene
 Concen: 20.093 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	64.1	32.1	96.3





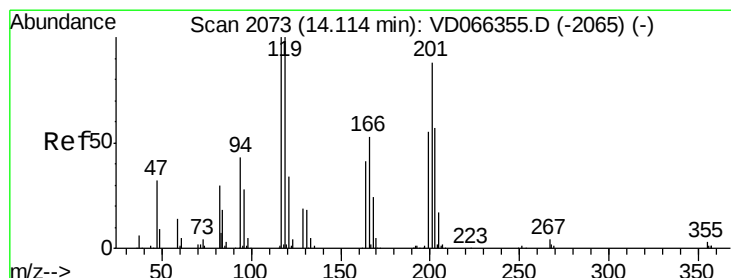
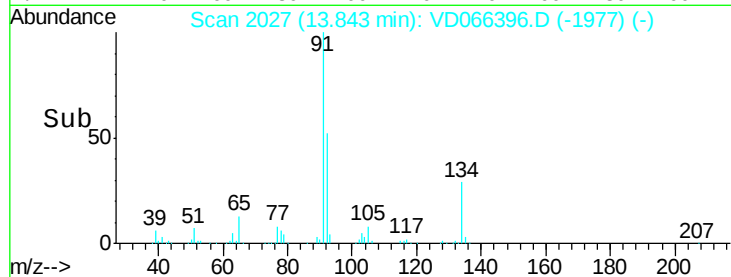
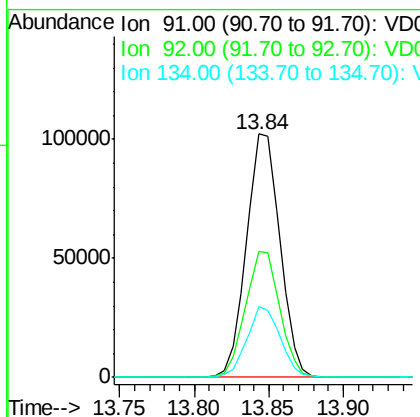
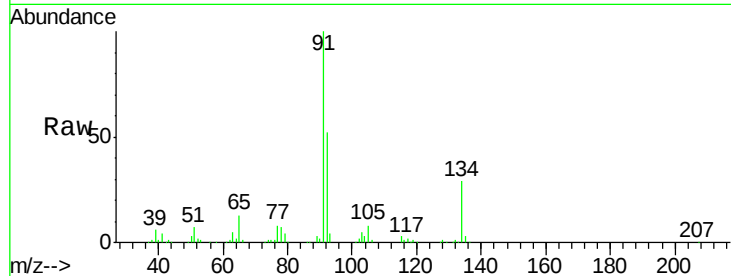
#89
n-Butylbenzene
Concen: 19.311 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.0	26.4	79.0	
134	28.7	14.4	43.4	

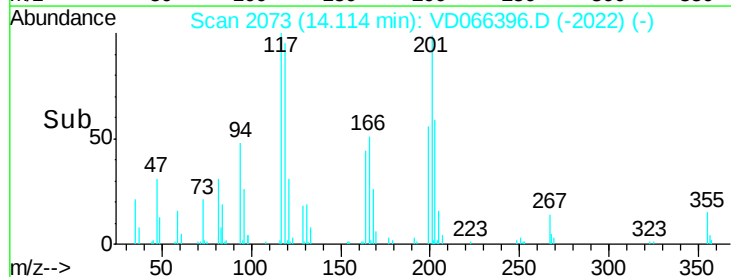
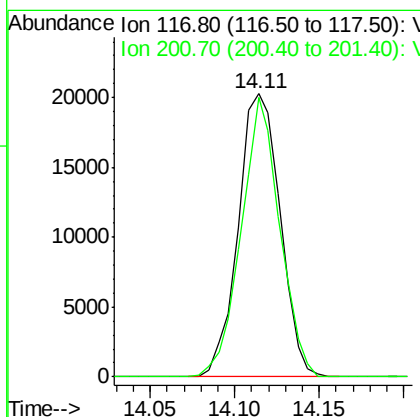
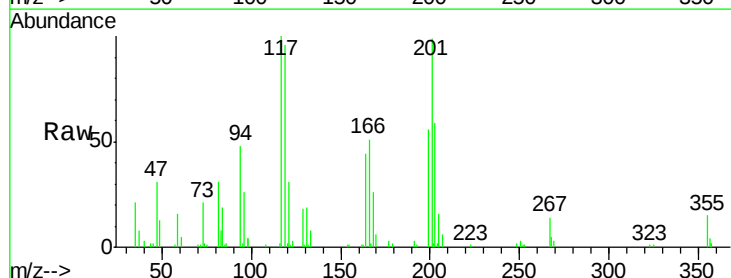
Manual Integrations
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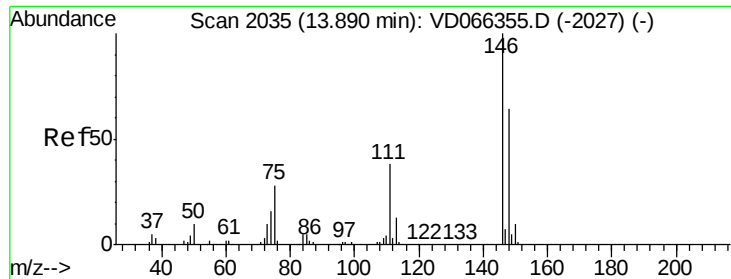
MMDadoda
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#90
Hexachloroethane
Concen: 19.013 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.6	45.4	136.2	





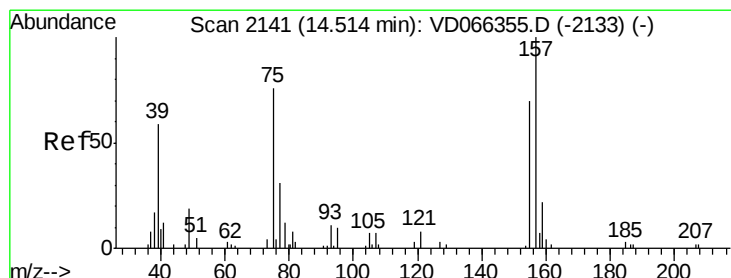
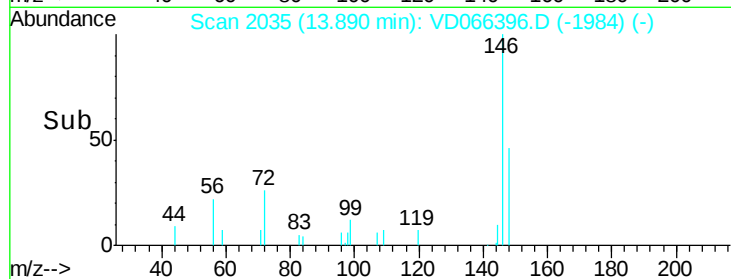
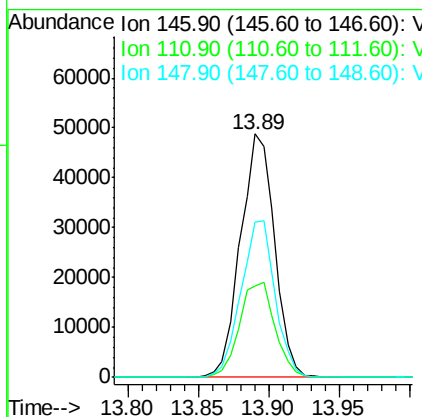
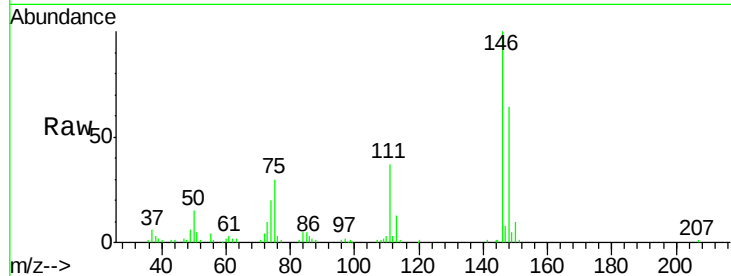
#91
 1,2-Dichlorobenzene
 Concen: 20.574 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	64.2	32.6	97.8

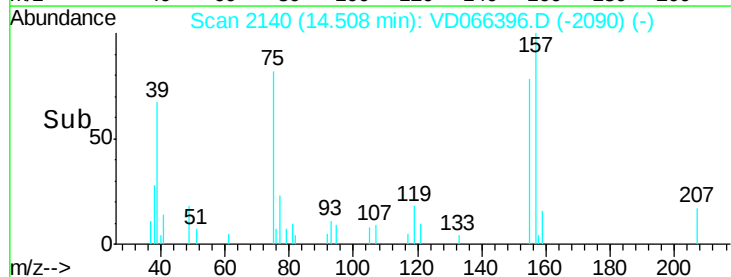
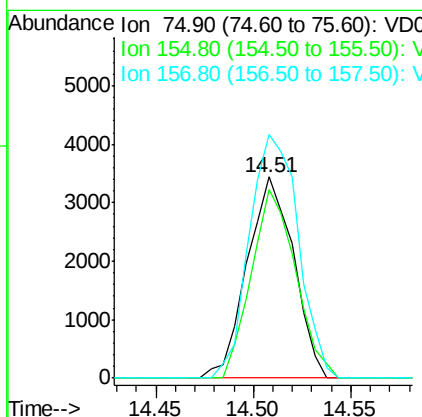
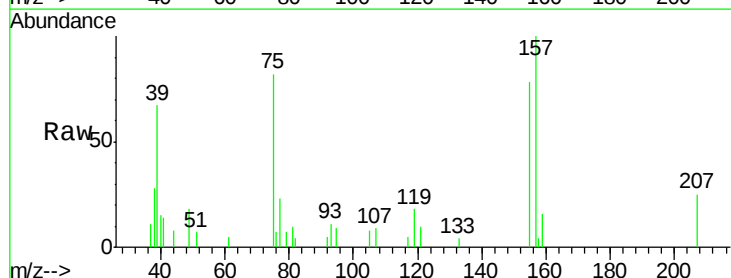
Manual Integrations
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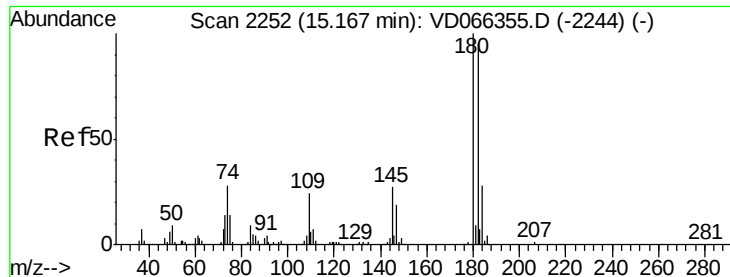
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.187 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	46.9	140.6
157	127.5	61.0	183.0





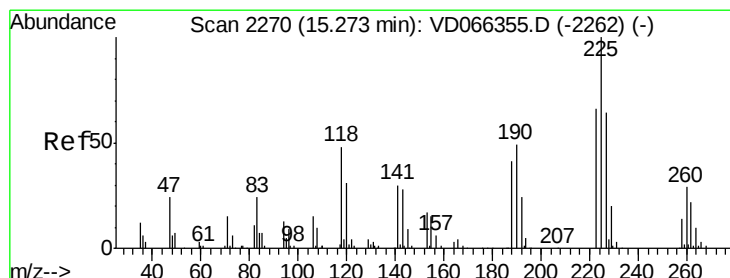
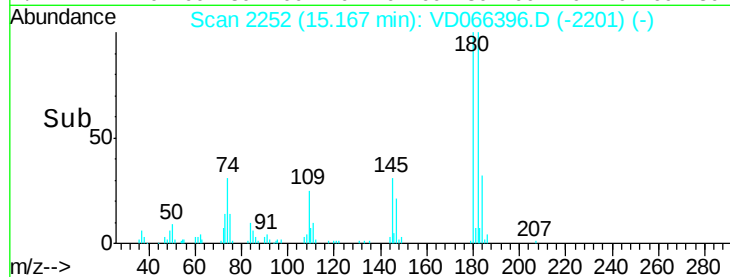
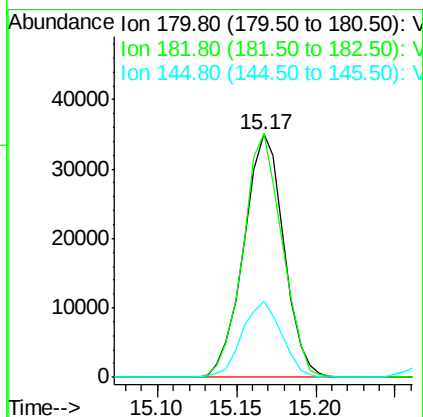
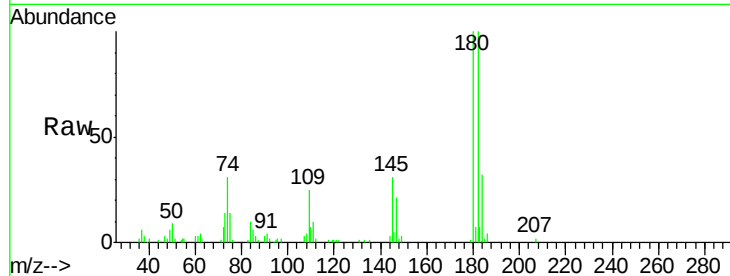
#93
 1,2,4-Trichlorobenzene
 Concen: 19.671 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Tot Ion:	180	Resp:	61581
Ion Ratio	Lower	Upper	
180	100		
182	97.9	48.0	144.0
145	30.8	15.2	45.6

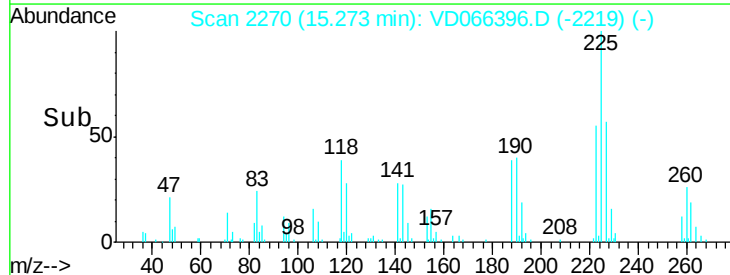
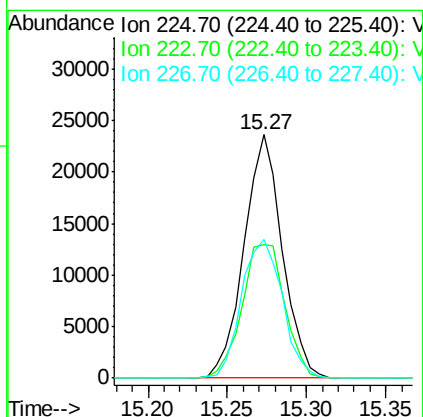
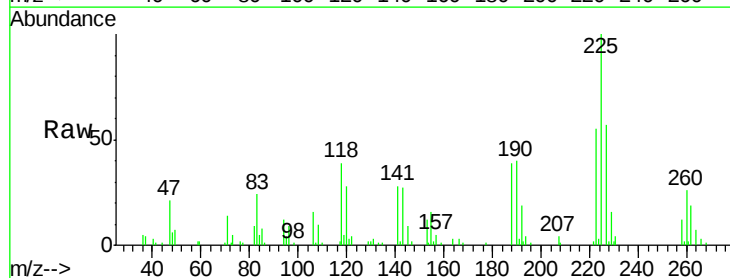
Manual Integrations
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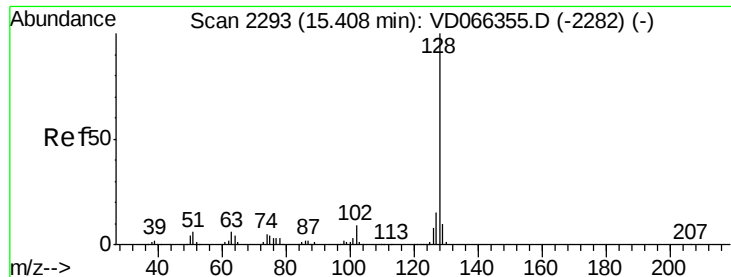
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#94
 Hexachlorobutadiene
 Concen: 20.324 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066396.D
 Acq: 25 Aug 2020 12:24

Tgt Ion:	225	Resp:	39540
Ion Ratio	Lower	Upper	
225	100		
223	61.7	32.5	97.4
227	60.8	33.0	98.9





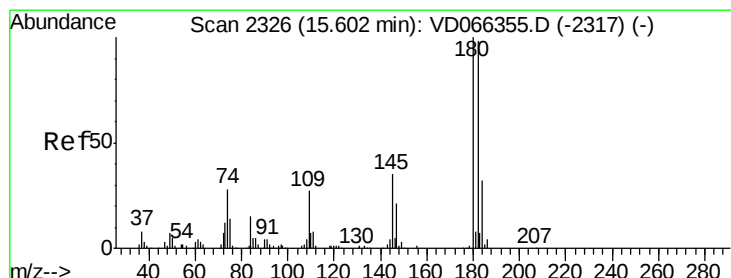
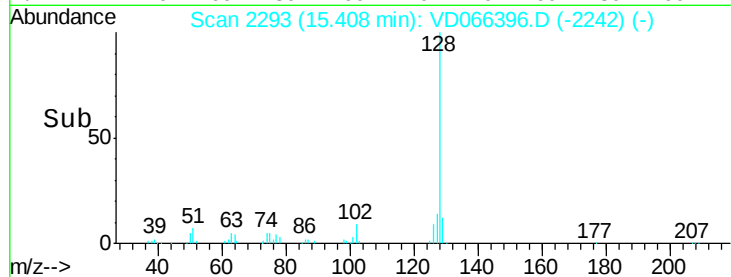
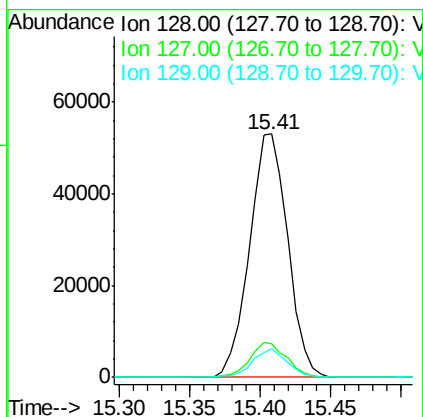
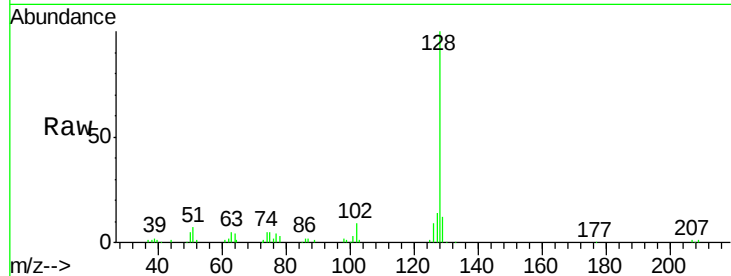
#95
Naphthalene
Concen: 20.490 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.689 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066396.D
Acq: 25 Aug 2020 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	46.7	140.0
145	34.2	16.0	48.0

