

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066453.D
 Acq On : 28 Aug 2020 12:10
 Operator : VA/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:58:43 AM

Quant Time: Aug 29 01:05:00 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	168239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	227921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	208083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113133	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	92088	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
35) Dibromofluoromethane	7.91	113	73866	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
50) Toluene-d8	10.34	98	273699	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.63	95	95826	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	30224	21.131	ug/l	98
3) Chloromethane	2.20	50	17480	17.241	ug/l #	87
4) Vinyl Chloride	2.35	62	20862	19.165	ug/l	90
5) Bromomethane	2.75	94	17082	20.980	ug/l	97
6) Chloroethane	2.92	64	13754	19.733	ug/l #	85
7) Trichlorofluoromethane	3.27	101	65644	22.177	ug/l	99
8) Diethyl Ether	3.71	74	11883	17.918	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	4.09	101	28219	19.318	ug/l	98
10) Methyl Iodide	4.29	142	27399	16.445	ug/l	94
11) Tert butyl alcohol	5.20	59	14177	128.629	ug/l #	78
12) 1,1-Dichloroethene	4.06	96	26408	19.259	ug/l	93
13) Acrolein	3.93	56	3969	54.189	ug/l	87
14) Allyl chloride	4.70	41	28835	15.755	ug/l #	79
15) Acrylonitrile	5.41	53	23232	87.308	ug/l	96
16) Acetone	4.16	43	27971	94.064	ug/l	90
17) Carbon Disulfide	4.40	76	68764	16.547	ug/l #	94
18) Methyl Acetate	4.72	43	9336	16.728	ug/l #	86
19) Methyl tert-butyl Ether	5.47	73	64531	19.545	ug/l #	91
20) Methylene Chloride	4.96	84	29466	13.982	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	29800	18.670	ug/l	88
22) Diisopropyl ether	6.36	45	58783	16.589	ug/l	89
23) Vinyl Acetate	6.30	43	190175	86.693	ug/l	99
24) 1,1-Dichloroethane	6.26	63	45940	18.346	ug/l	95
25) 2-Butanone	7.21	43	29201	86.501	ug/l	93
26) 2,2-Dichloropropane	7.21	77	57614	21.467	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	32016	18.720	ug/l	96
28) Bromochloromethane	7.54	49	12778	14.814	ug/l #	74
29) Tetrahydrofuran	7.56	42	15471	80.687	ug/l #	90
30) Chloroform	7.71	83	60354	20.831	ug/l	99
31) Cyclohexane	7.98	56	37115	16.206	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	61704	20.809	ug/l	98
36) 1,1-Dichloropropene	8.10	75	42151	20.268	ug/l	98
37) Ethyl Acetate	7.29	43	13184	18.639	ug/l #	65
38) Carbon Tetrachloride	8.08	117	63410	23.403	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	44796	18.286	ug/l	92
40) Benzene	8.34	78	107917	19.726	ug/l	98
41) Methacrylonitrile	7.53	41	8063m	18.485	ug/l	
42) 1,2-Dichloroethane	8.42	62	42848	22.237	ug/l	98
43) Isopropyl Acetate	8.44	43	26321	18.540	ug/l #	96
44) Trichloroethene	9.11	130	36806	20.704	ug/l	98
45) 1,2-Dichloropropane	9.38	63	21447	17.292	ug/l	95
46) Dibromomethane	9.47	93	15186	19.665	ug/l	95
47) Bromodichloromethane	9.66	83	46351	21.826	ug/l	89
48) Methyl methacrylate	9.45	41	13363	18.253	ug/l	92
49) 1,4-Dioxane	9.46	88	3430	382.526	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	62234	90.616	ug/l	100
52) Toluene	10.40	92	76484	20.635	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	42371	21.027	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	43572	19.264	ug/l #	83
55) 1,1,2-Trichloroethane	10.80	97	20970	20.059	ug/l	96
56) Ethyl methacrylate	10.66	69	22904	18.926	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	33466	19.353	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	47382	94.269	ug/l	91
59) 2-Hexanone	10.98	43	45755	94.450	ug/l	98
60) Dibromochloromethane	11.14	129	33706	21.390	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19967	19.408	ug/l	98
64) Tetrachloroethene	10.87	164	33196	21.030	ug/l	92
65) Chlorobenzene	11.67	112	86226	20.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	36042	21.304	ug/l	98
67) Ethyl Benzene	11.74	91	152356	20.907	ug/l	93
68) m/p-Xylenes	11.85	106	118246	42.572	ug/l	98
69) o-Xylene	12.18	106	54046	20.916	ug/l	100
70) Styrene	12.19	104	95200	21.457	ug/l	98
71) Bromoform	12.36	173	20882	21.756	ug/l #	100
73) Isopropylbenzene	12.48	105	157840	20.827	ug/l	99
74) N-amyl acetate	12.28	43	24738	18.073	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	19075	17.619	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	17398m	21.860	ug/l	
77) Bromobenzene	12.76	156	40033	20.812	ug/l	96
78) n-propylbenzene	12.82	91	175236	20.166	ug/l	98
79) 2-Chlorotoluene	12.91	91	98651	19.877	ug/l	96
80) 1,3,5-Trimethylbenzene	12.96	105	134148	20.501	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	7267	19.381	ug/l	94
82) 4-Chlorotoluene	13.01	91	105051	19.978	ug/l	97
83) tert-Butylbenzene	13.23	119	116744	20.540	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	135431	21.072	ug/l	100
85) sec-Butylbenzene	13.40	105	152729	20.510	ug/l	98
86) p-Isopropyltoluene	13.52	119	148675	20.706	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	73269	20.405	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	73991	20.523	ug/l	98
89) n-Butylbenzene	13.84	91	125494	19.805	ug/l	98
90) Hexachloroethane	14.11	117	28424	20.039	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	64310	20.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4730	20.831	ug/l	84

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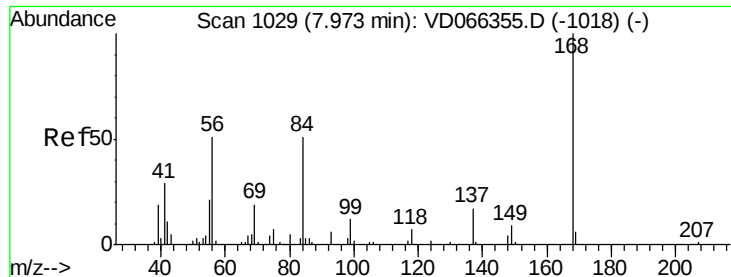
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49537	20.528	ug/l	98
94) Hexachlorobutadiene	15.27	225	31631	21.092	ug/l	97
95) Naphthalene	15.41	128	75795	19.998	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	41808	20.224	ug/l	96

(#) = 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: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion:168 Resp: 168239

Ion Ratio Lower Upper

168 100

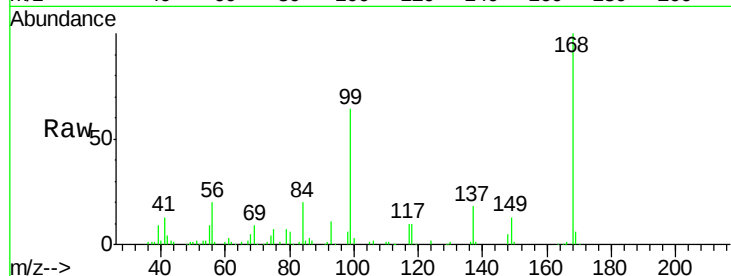
99 63.0 45.4 68.0

Manual Integrations

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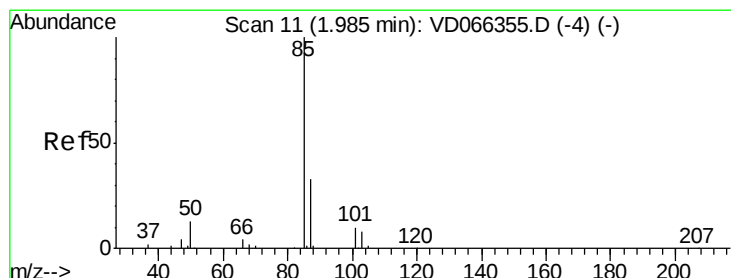
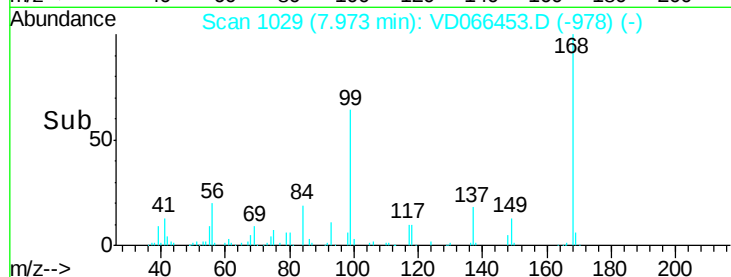
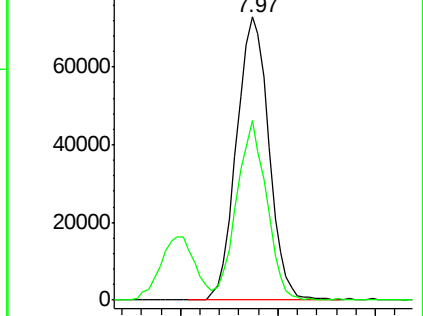
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.131 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066453.D

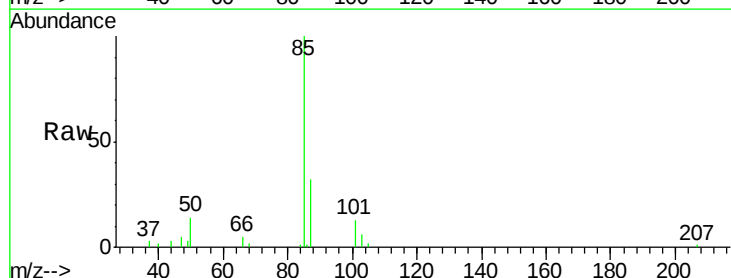
Acq: 28 Aug 2020 12:10

Tgt Ion: 85 Resp: 30224

Ion Ratio Lower Upper

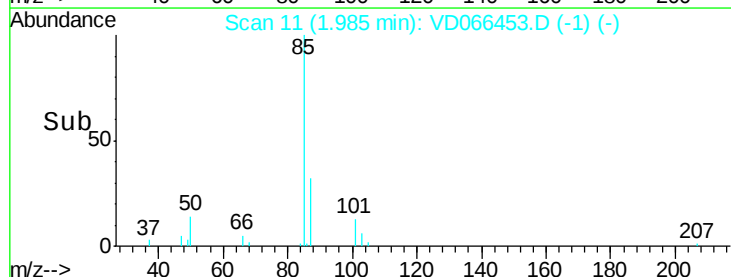
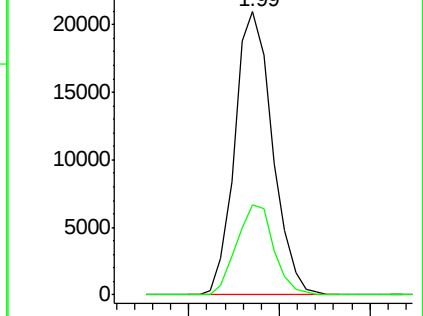
85 100

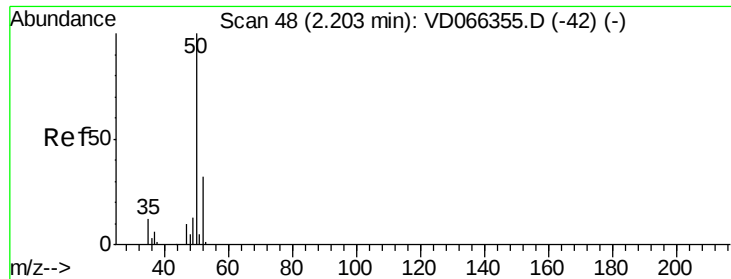
87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.241 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 50 Resp: 17480

Ion Ratio Lower Upper

50 100

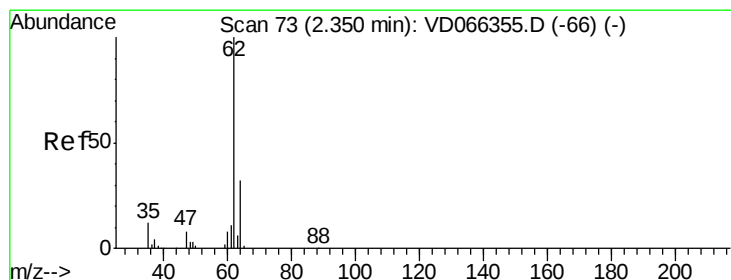
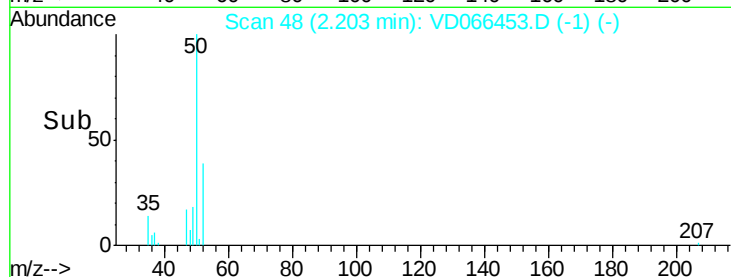
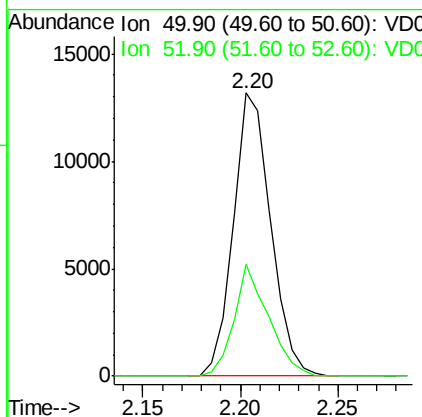
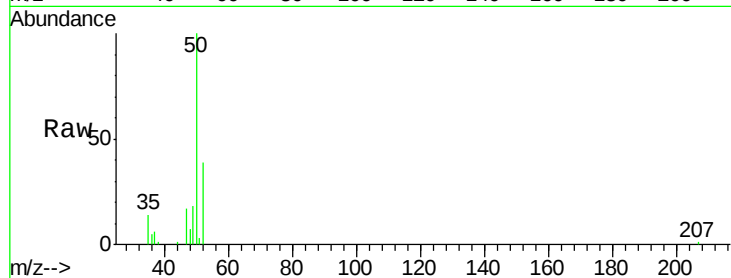
52 39.3 25.7 38.5#

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#4

Vinyl Chloride

Concen: 19.165 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066453.D

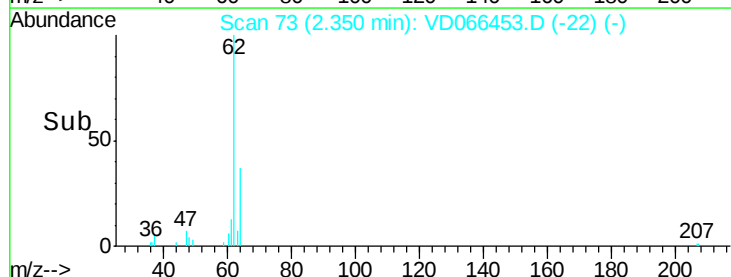
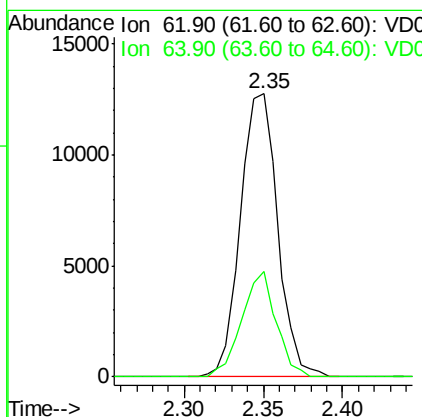
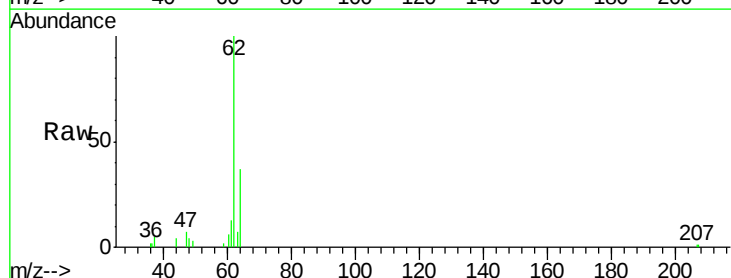
Acq: 28 Aug 2020 12:10

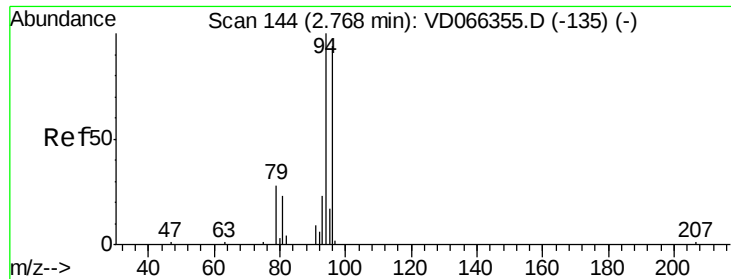
Tgt Ion: 62 Resp: 20862

Ion Ratio Lower Upper

62 100

64 37.2 25.4 38.2





#5

Bromomethane

Concen: 20.980 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

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VD0828SBS01

Tot Ion: 94 Resp: 17082

Ion Ratio Lower Upper

94 100

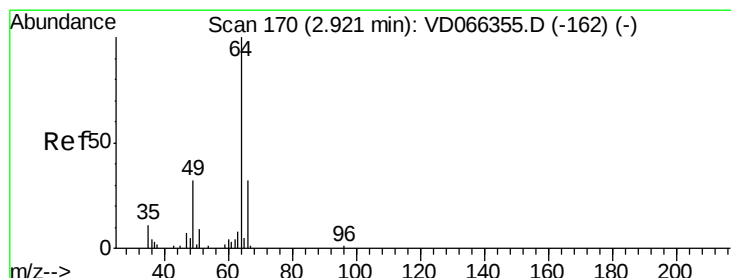
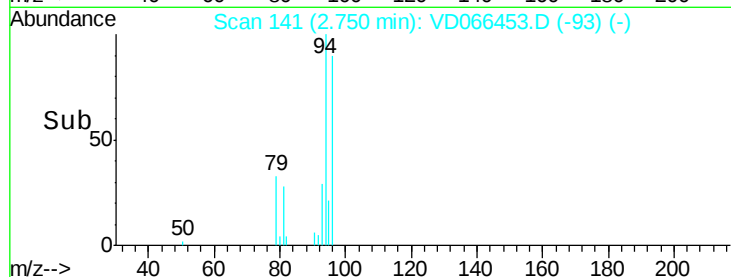
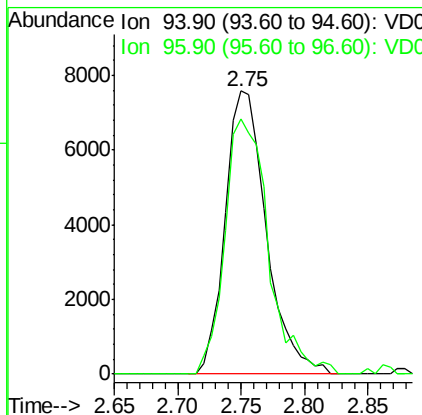
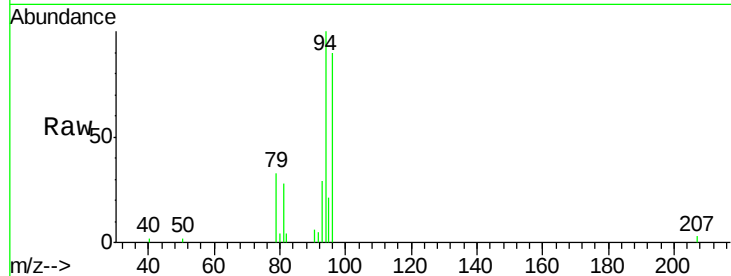
96 90.4 75.0 112.4

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#6

Chloroethane

Concen: 19.733 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066453.D

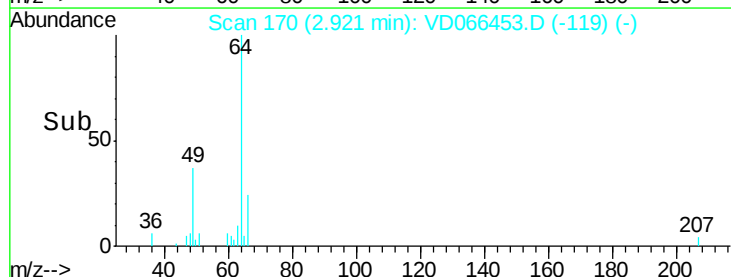
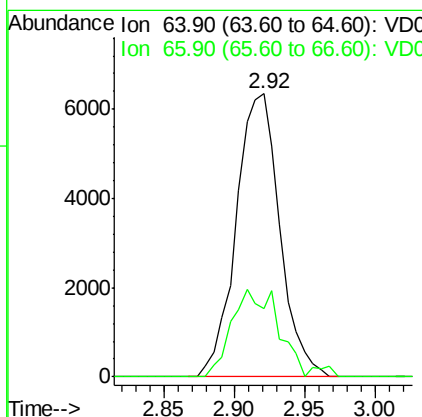
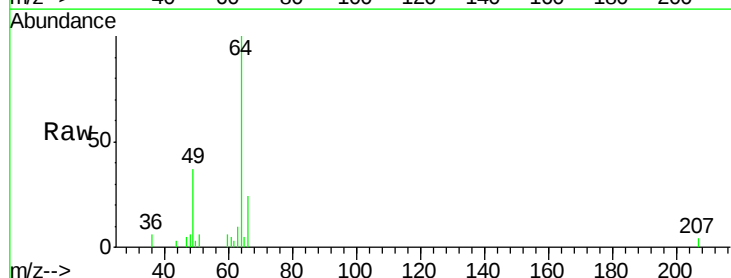
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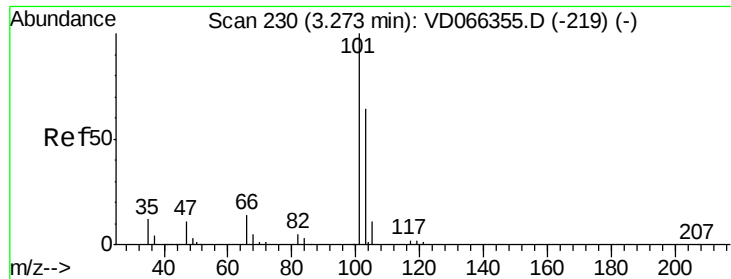
Tgt Ion: 64 Resp: 13754

Ion Ratio Lower Upper

64 100

66 24.0 25.9 38.9#





#7

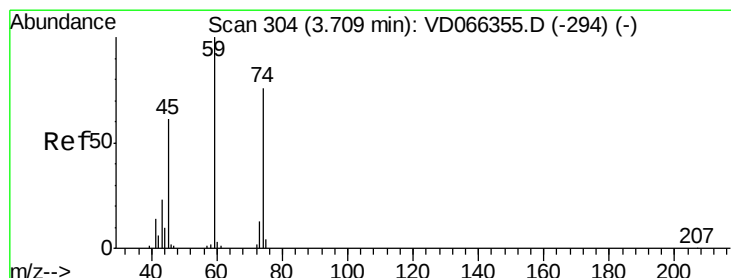
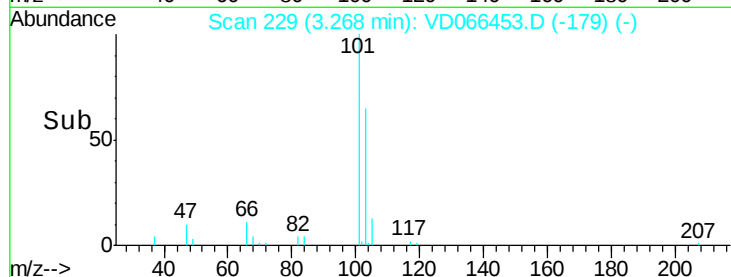
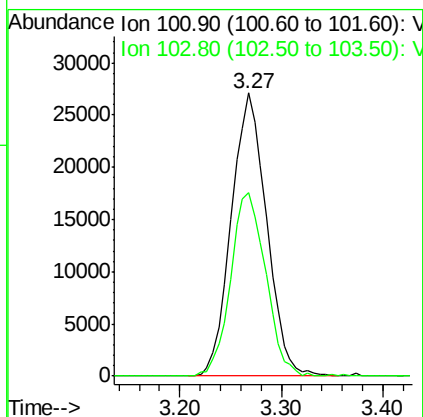
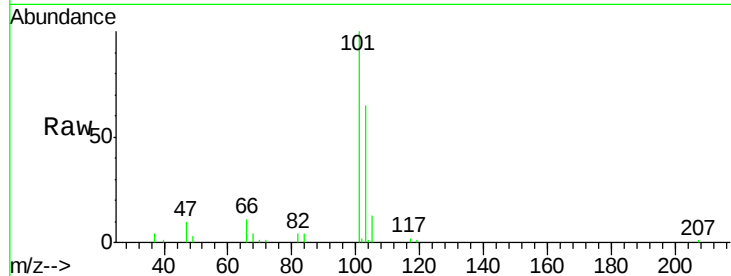
Trichlorofluoromethane
 Concen: 22.177 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		65644		
103	64.7	51.4	77.0		

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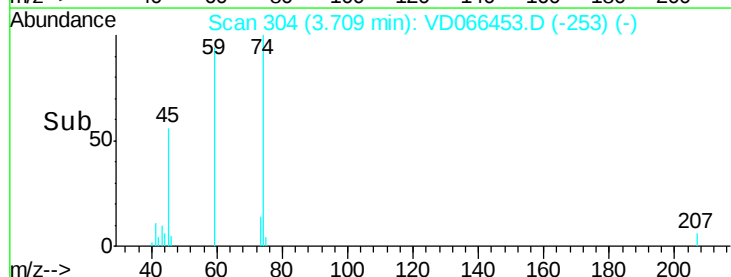
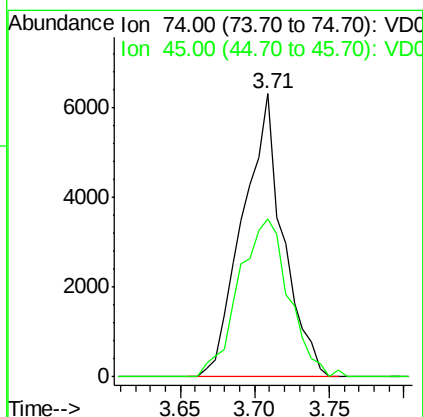
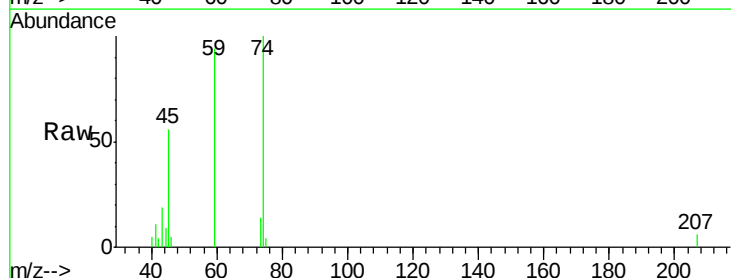
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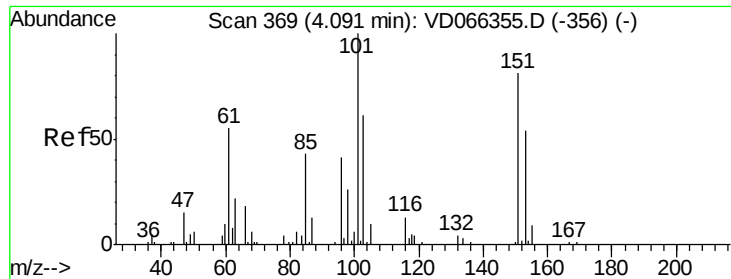


#8

Diethyl Ether
 Concen: 17.918 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		11883		
45	69.1	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.318 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

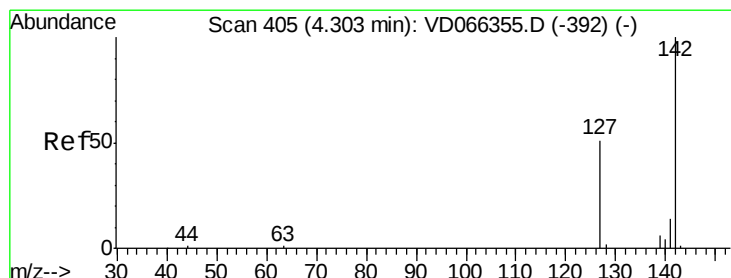
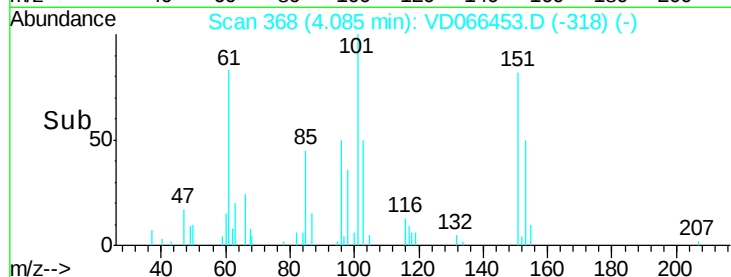
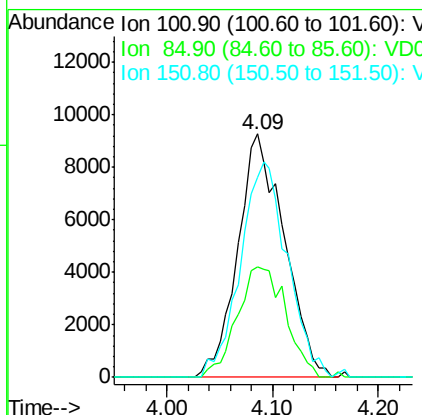
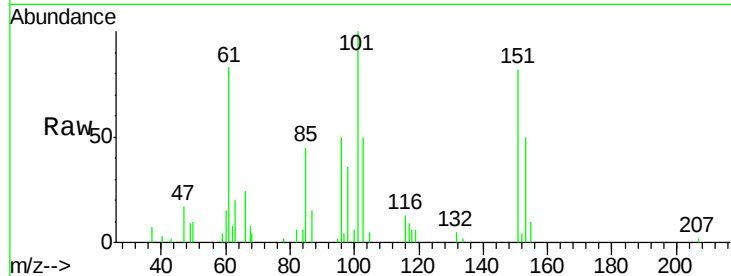
ClientSampleId :

VD0828SBS01

Tot Ion:	101	Resp:	28219
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.4	54.6
151	89.6	70.5	105.7

Manual Integrations
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#10

Methyl Iodide

Concen: 16.445 ug/l

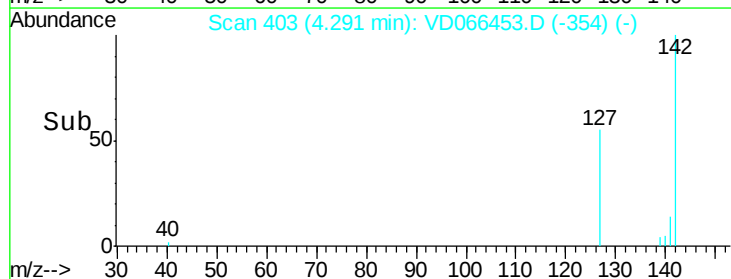
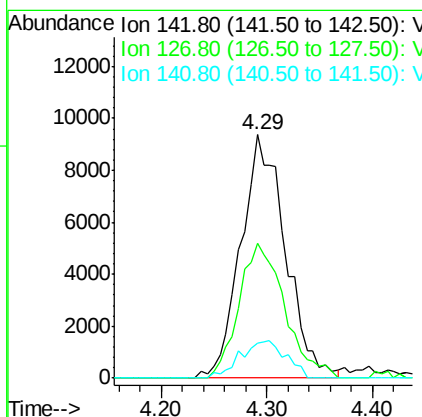
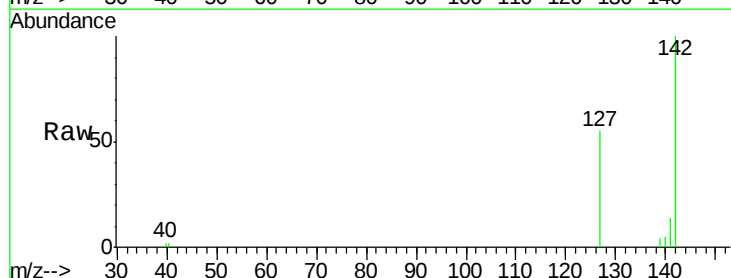
RT: 4.29 min Scan# 403

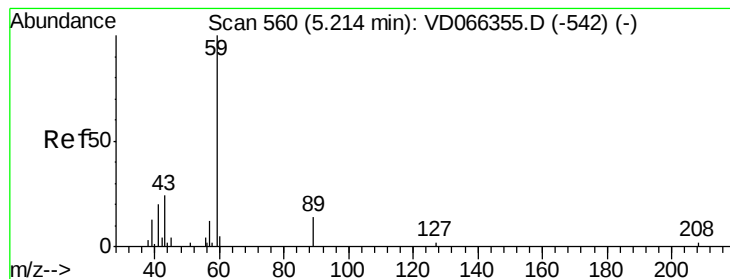
Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:	142	Resp:	27399
Ion Ratio	Lower	Upper	
142	100		
127	56.8	41.8	62.8
141	15.6	11.8	17.6





#11

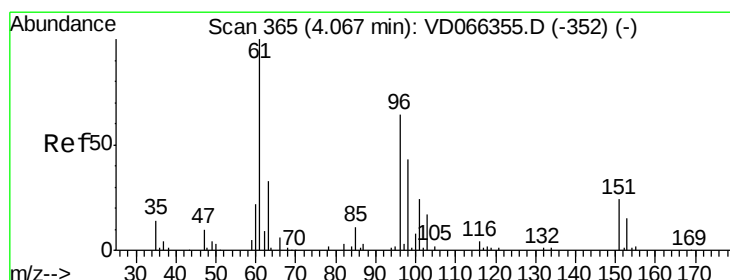
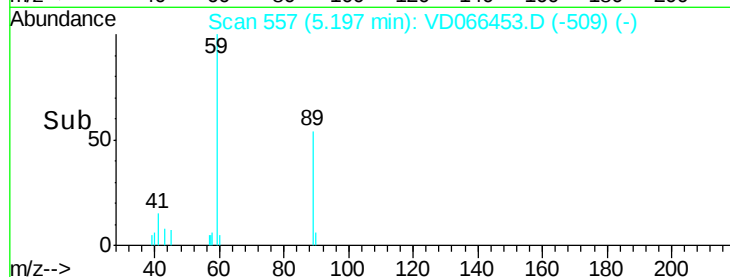
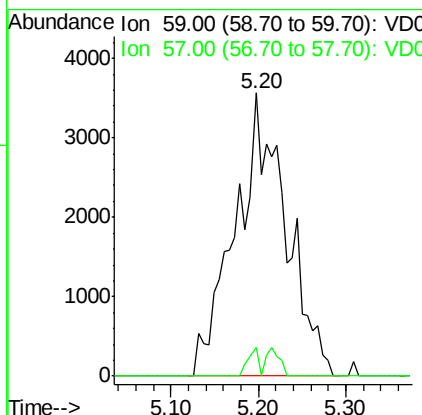
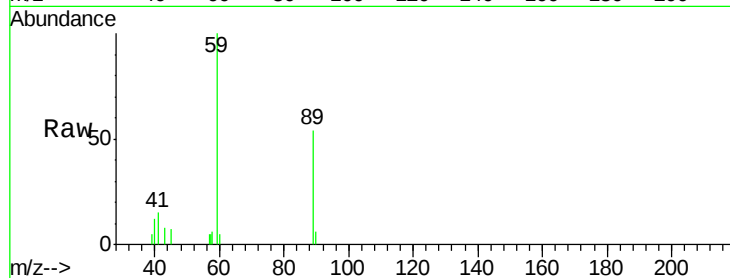
Tert butyl alcohol
Concen: 128.629 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion: 59 Resp: 14177
Ion Ratio Lower Upper
59 100
57 2.7 9.0 13.4#

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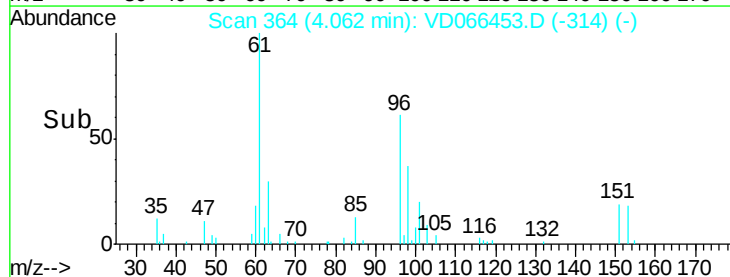
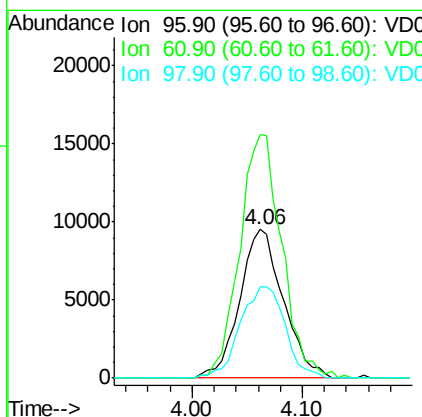
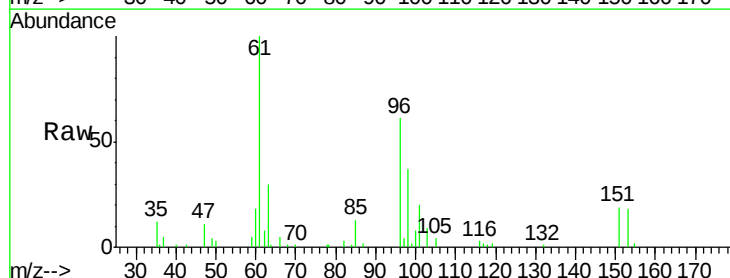
MMDadoda
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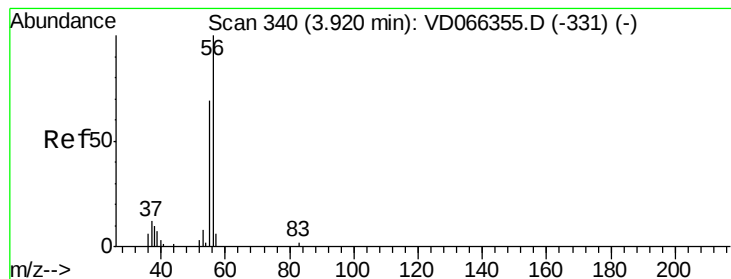


#12

1,1-Dichloroethene
Concen: 19.259 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 96 Resp: 26408
Ion Ratio Lower Upper
96 100
61 163.8 124.3 186.5
98 61.1 53.2 79.8





#13

Acrolein

Concen: 54.189 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 56 Resp: 3969

Ion Ratio Lower Upper

56 100

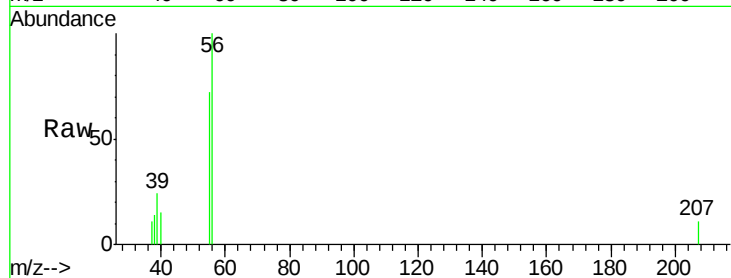
55 80.2 55.5 83.3

Manual Integrations

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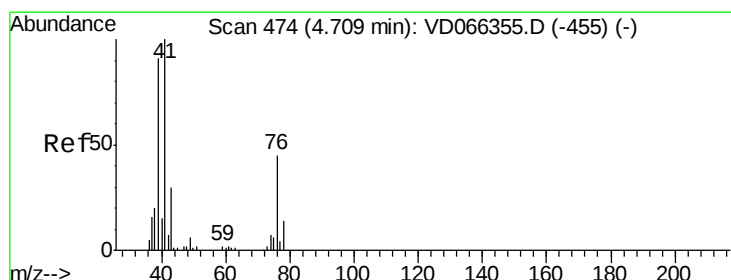
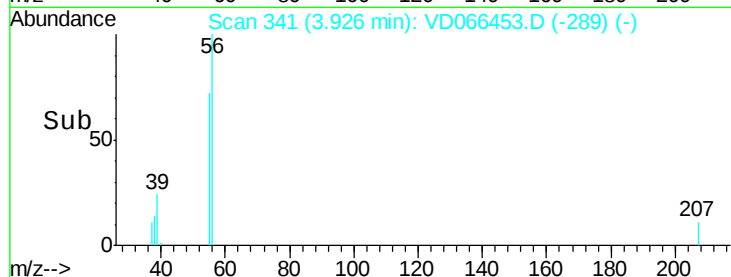
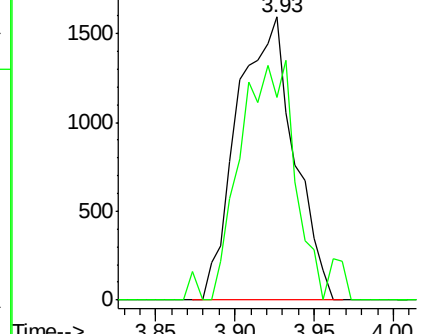
MMDadoda

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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: 15.755 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

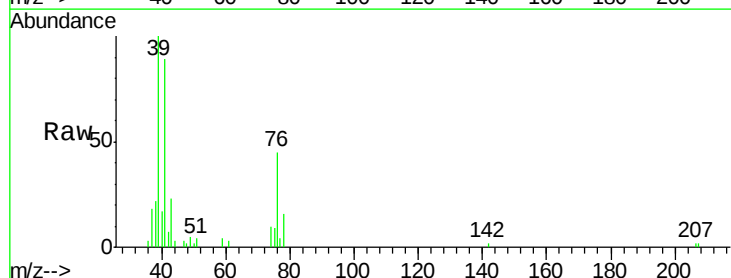
Tgt Ion: 41 Resp: 28835

Ion Ratio Lower Upper

41 100

39 115.9 72.8 109.2#

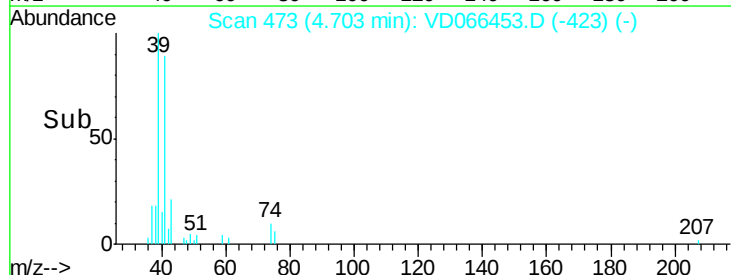
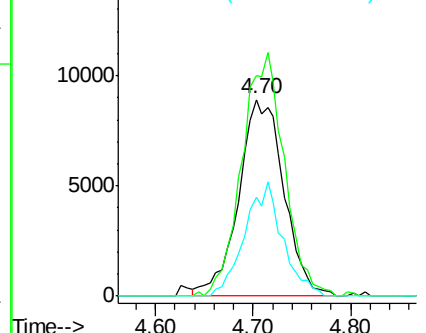
76 48.6 34.0 51.0

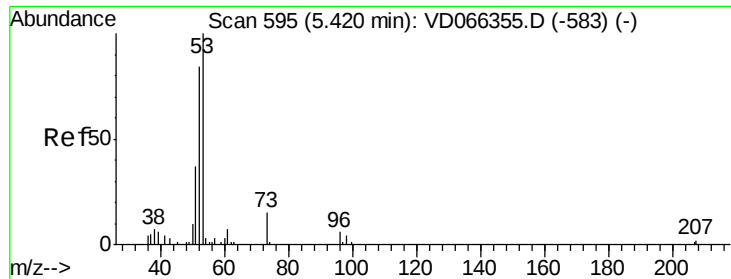


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 87.308 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

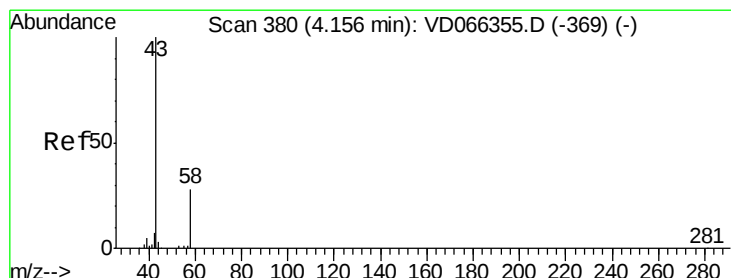
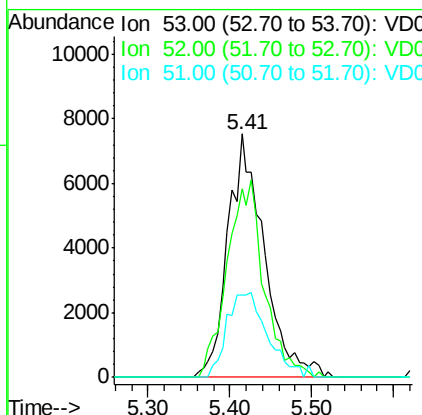
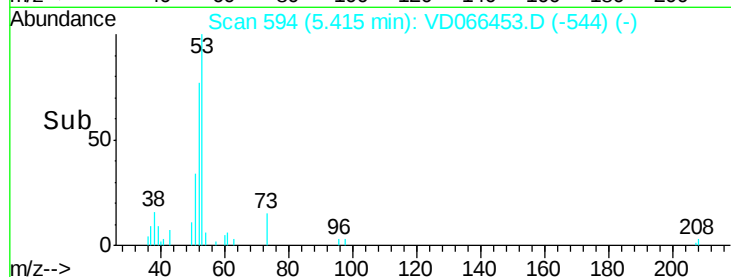
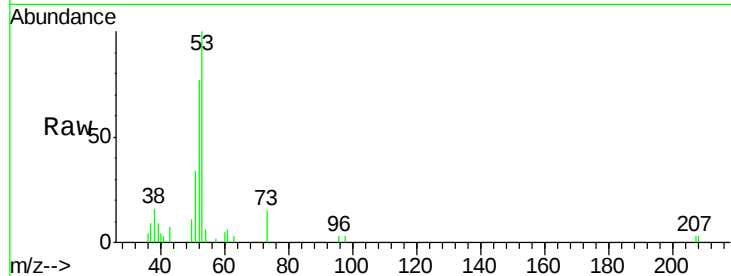
ClientSampleID :

VD0828SBS01

Tot Ion:	53	Resp:	23232
Ion Ratio	Lower	Upper	
53	100		
52	82.0	68.1	102.1
51	38.4	33.8	50.6

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#16

Acetone

Concen: 94.064 ug/l

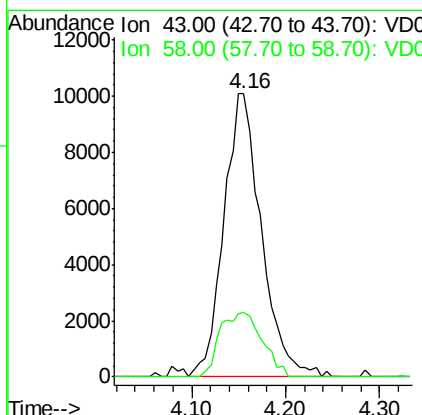
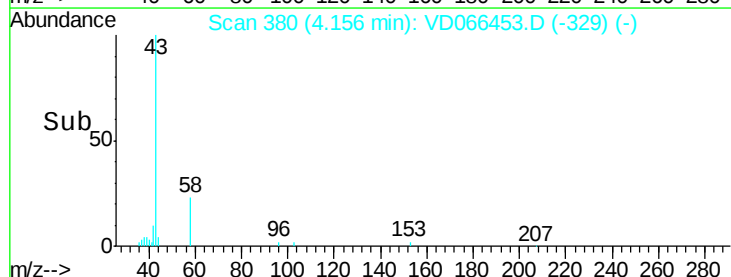
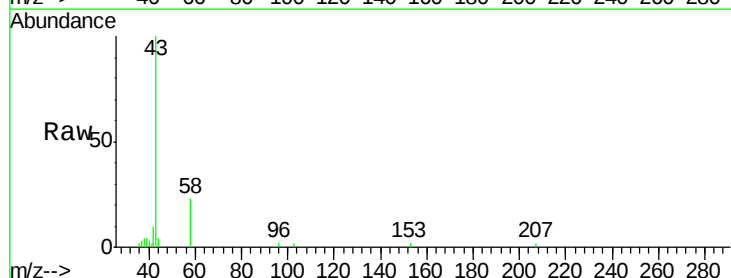
RT: 4.16 min Scan# 380

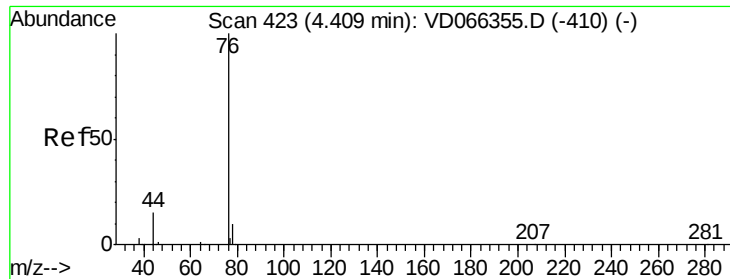
Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:	43	Resp:	27971
Ion Ratio	Lower	Upper	
43	100		
58	22.9	22.7	34.1





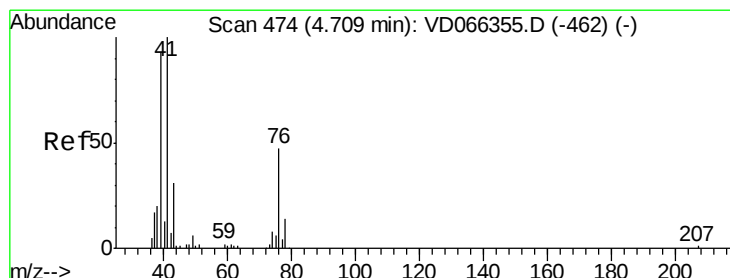
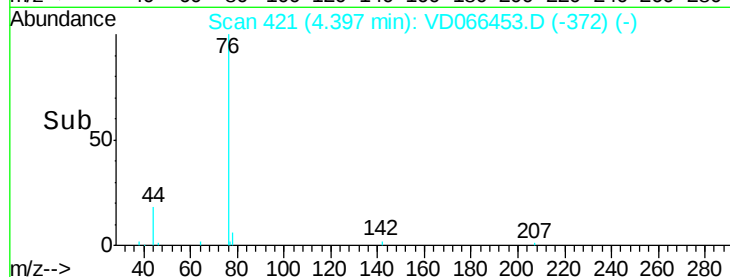
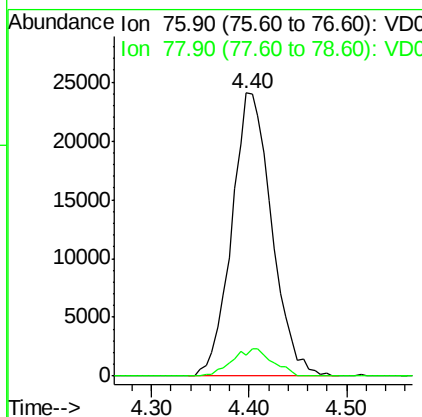
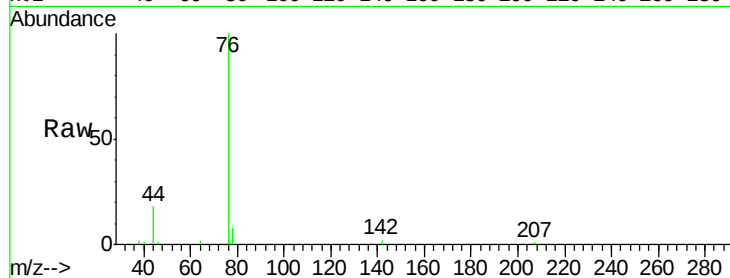
#17
Carbon Disulfide
Concen: 16.547 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.7	11.5#

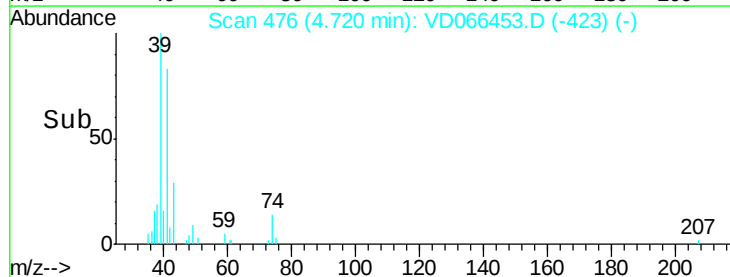
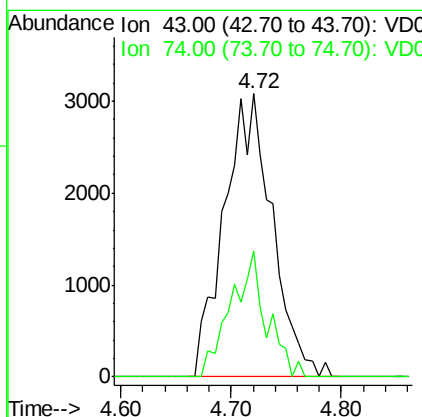
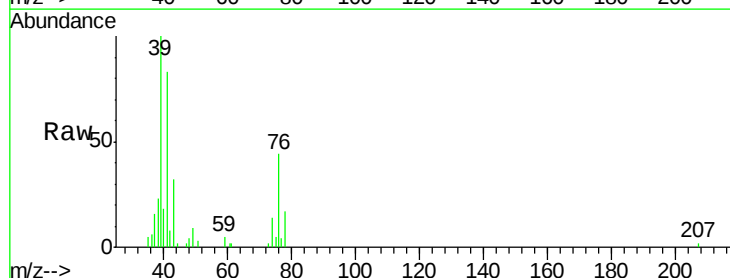
Manual Integrations
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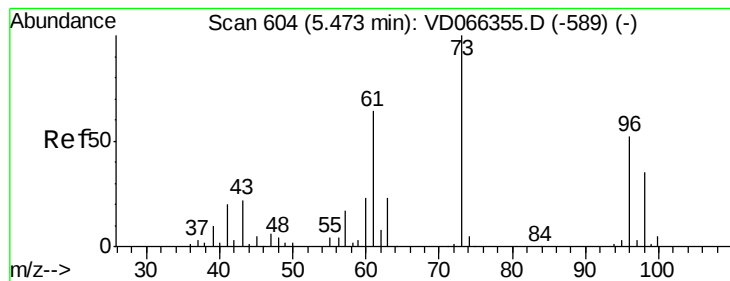
MMDadoda
8/31/2020 11:58:43 AM



#18
Methyl Acetate
Concen: 16.728 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.4	21.0	31.6#





#19

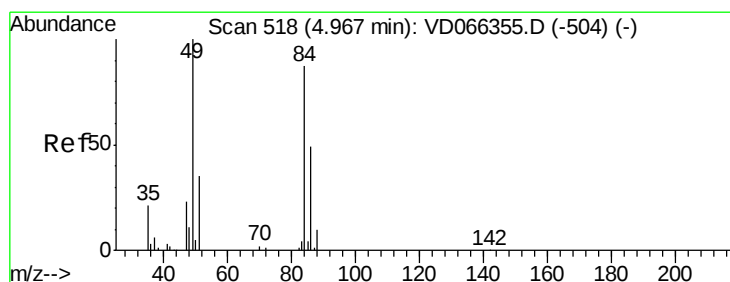
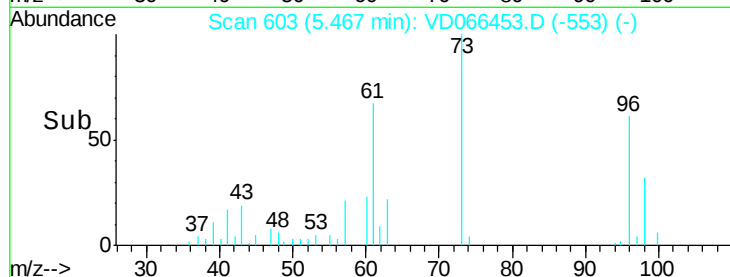
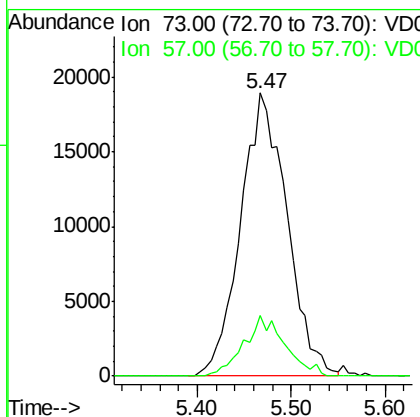
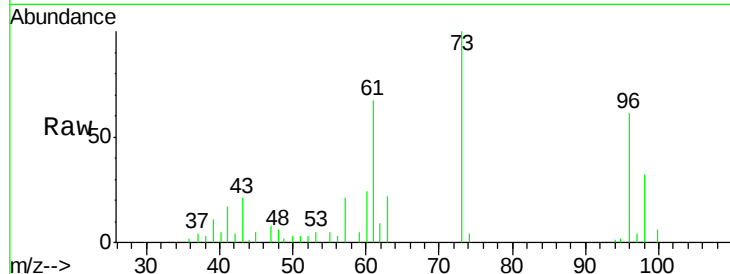
Methyl tert-butyl Ether
 Concen: 19.545 ug/l
 RT: 5.47 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion: 73 Resp: 64531
 Ion Ratio Lower Upper
 73 100
 57 21.3 13.8 20.6#

Manual Integrations
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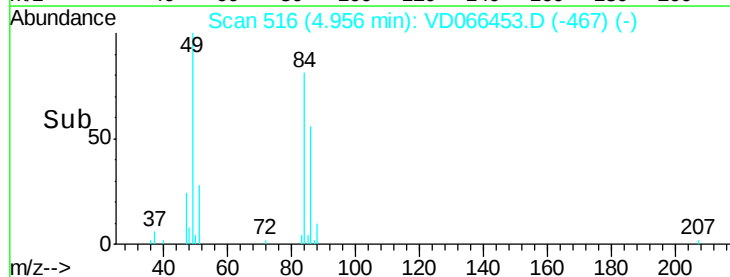
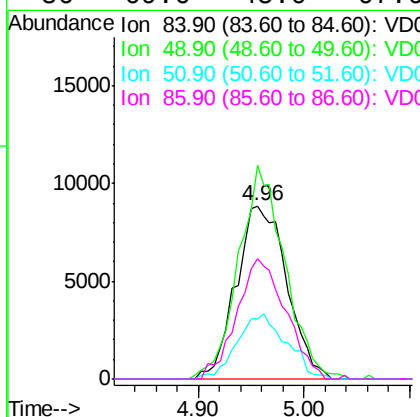
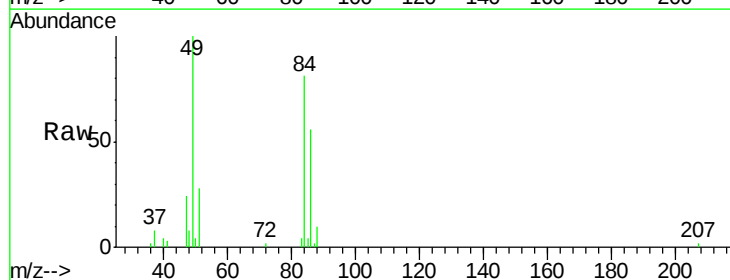
MMDadoda
 8/31/2020 11:58:43 AM

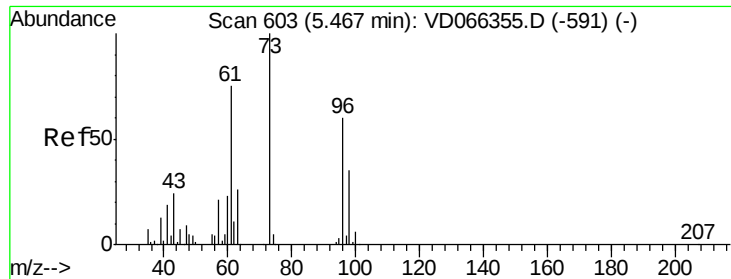


#20

Methylene Chloride
 Concen: 13.982 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion: 84 Resp: 29466
 Ion Ratio Lower Upper
 84 100
 49 123.5 92.5 138.7
 51 35.1 32.5 48.7
 86 69.6 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 18.670 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

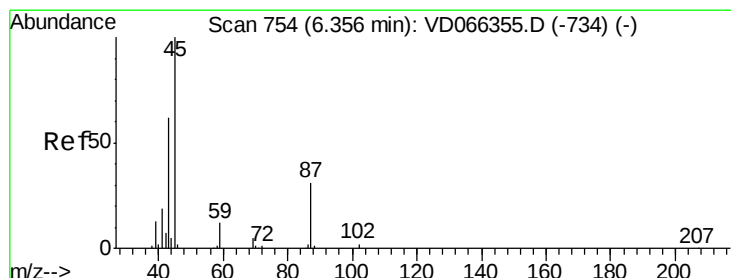
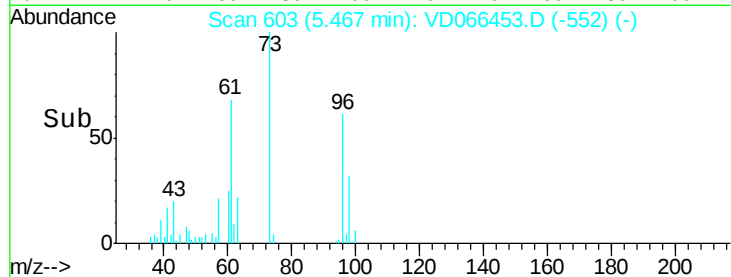
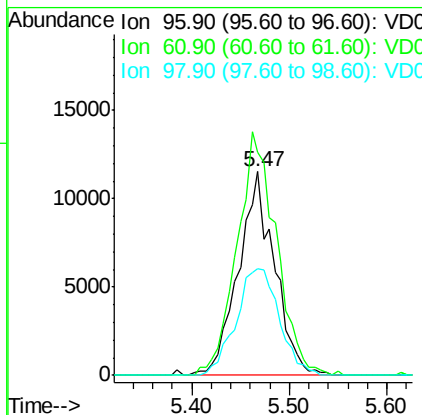
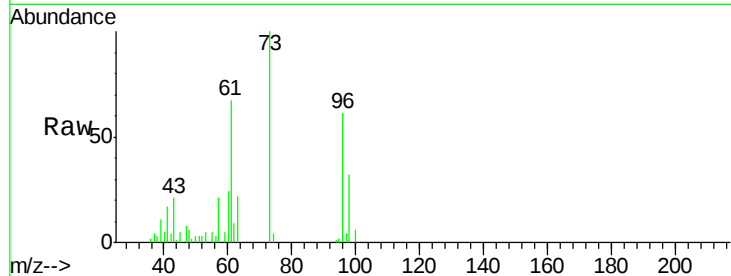
ClientSampleId :

VD0828SBS01

Tot Ion:	96	Resp:	29800
Ion	Ratio	Lower	Upper
96	100		
61	110.0	101.1	151.7
98	52.5	47.0	70.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 16.589 ug/l

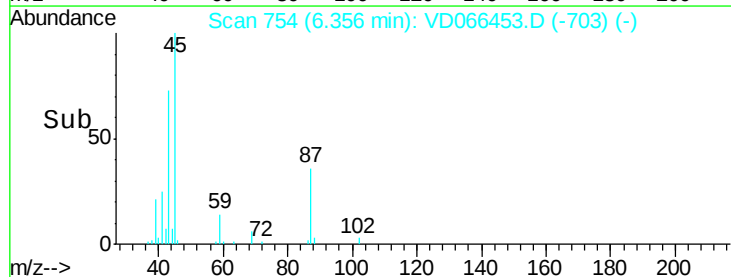
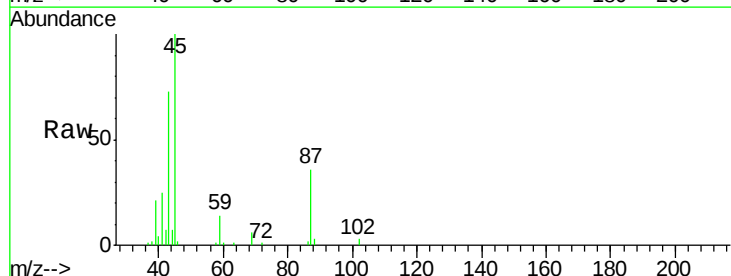
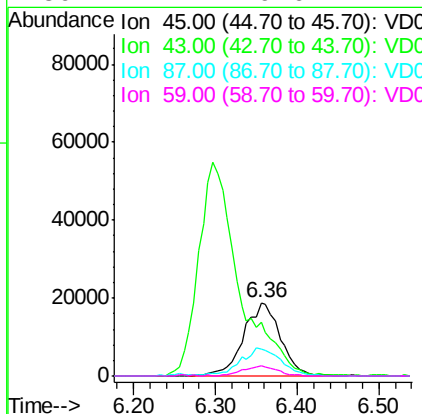
RT: 6.36 min Scan# 754

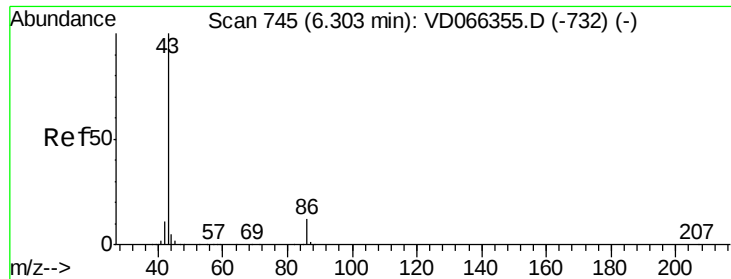
Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:	45	Resp:	58783
Ion	Ratio	Lower	Upper
45	100		
43	72.0	49.8	74.8
87	36.4	25.0	37.6
59	14.2	9.6	14.4





#23

Vinyl Acetate

Concen: 86.693 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 43 Resp: 190175

Ion Ratio Lower Upper

43 100

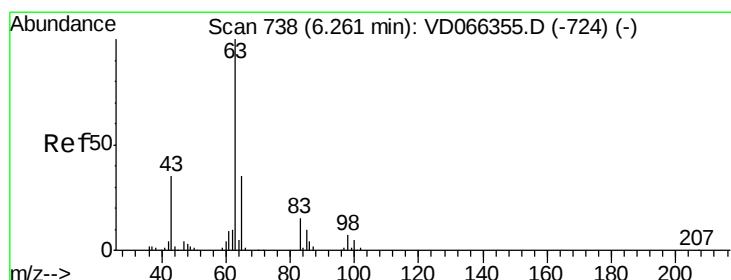
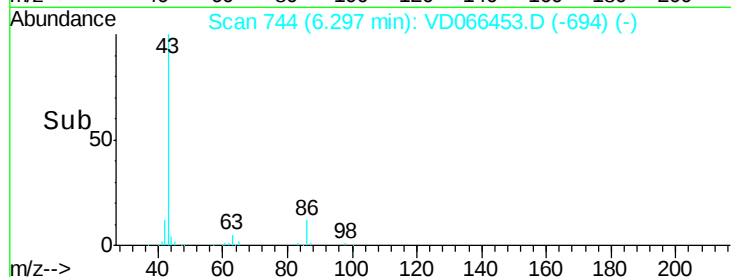
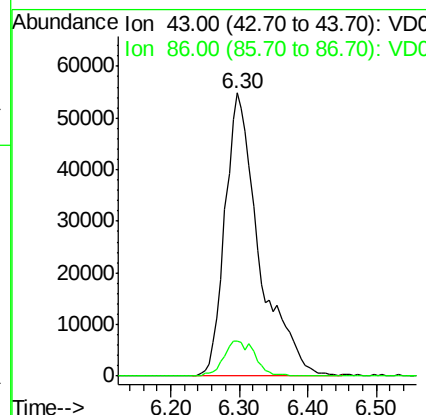
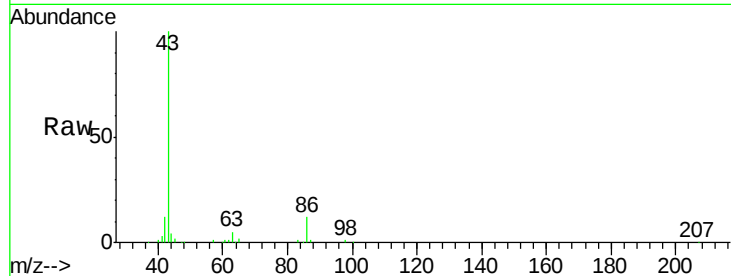
86 12.2 9.4 14.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 18.346 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

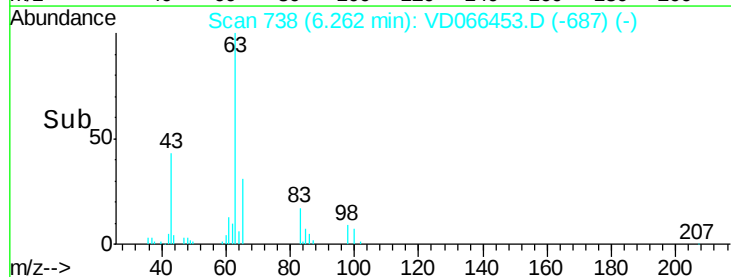
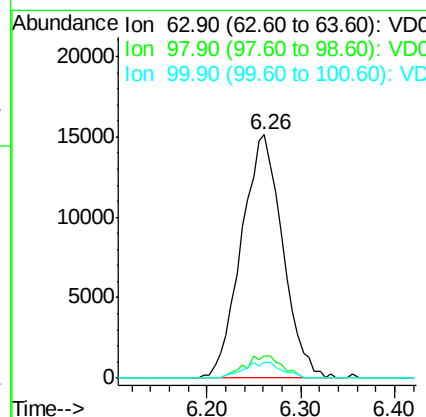
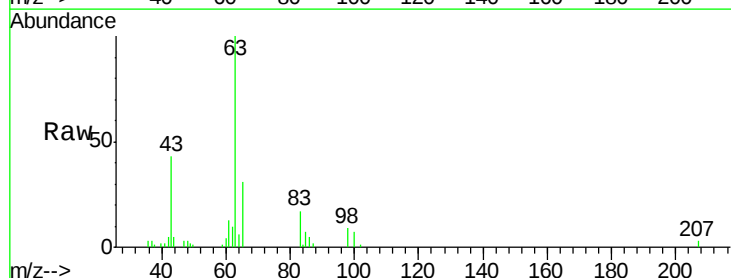
Tgt Ion: 63 Resp: 45940

Ion Ratio Lower Upper

63 100

98 8.9 3.5 10.6

100 6.7 2.5 7.6





#25

2-Butanone

Concen: 86.501 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 43 Resp: 29201

Ion Ratio Lower Upper

43 100

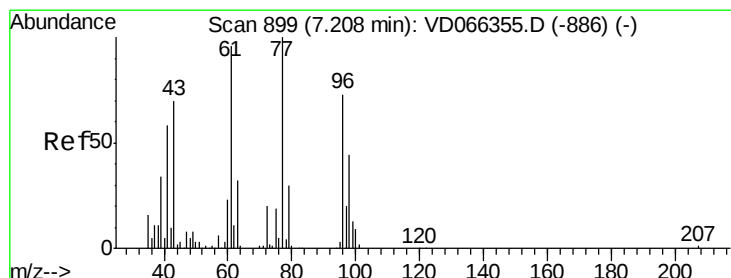
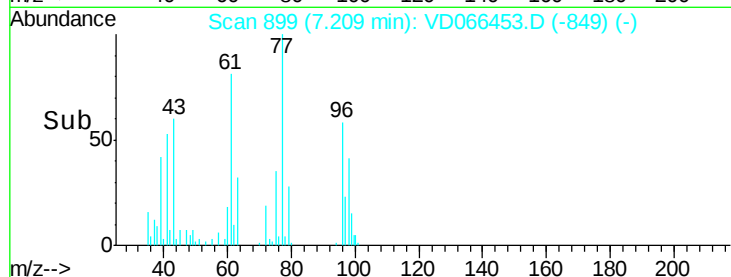
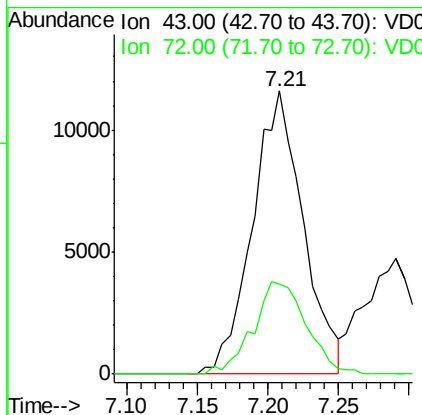
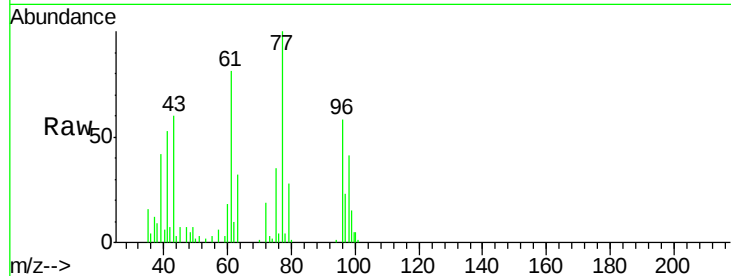
72 32.0 22.5 33.7

Manual Integrations

APPROVED

MMDadoda

8/31/2020 11:58:43 AM



#26

2,2-Dichloropropane

Concen: 21.467 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066453.D

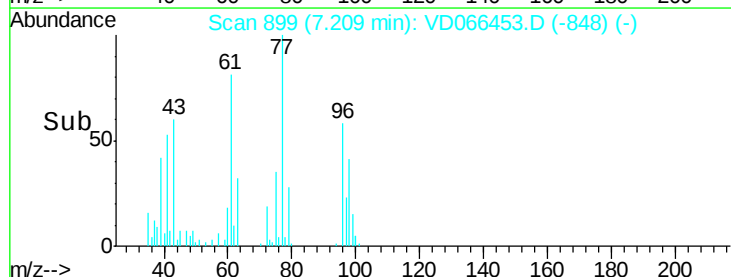
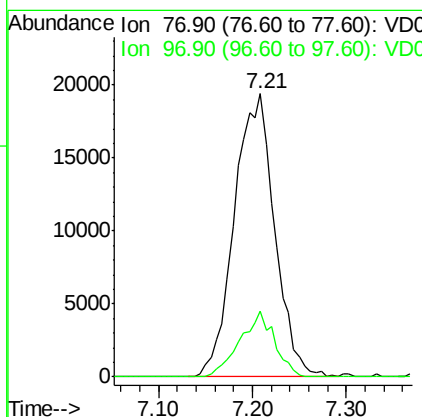
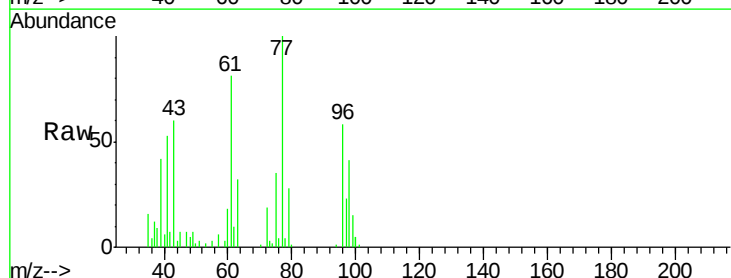
Acq: 28 Aug 2020 12:10

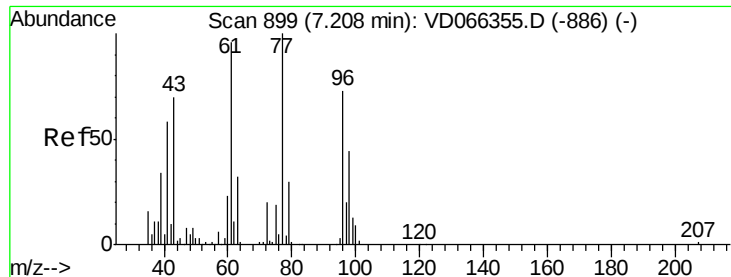
Tgt Ion: 77 Resp: 57614

Ion Ratio Lower Upper

77 100

97 20.1 10.7 31.9





#27

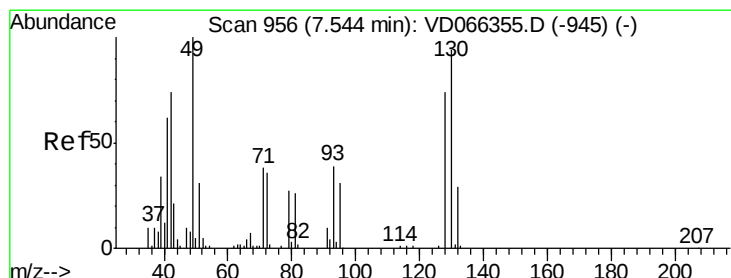
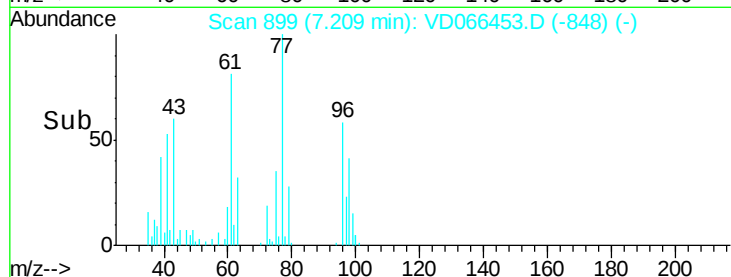
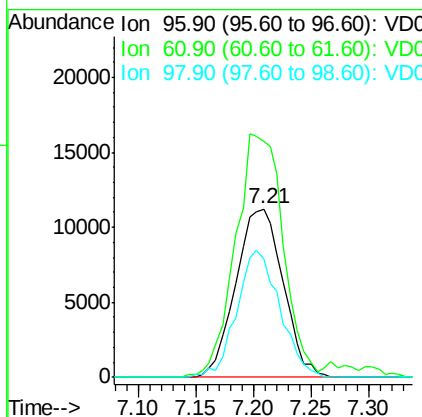
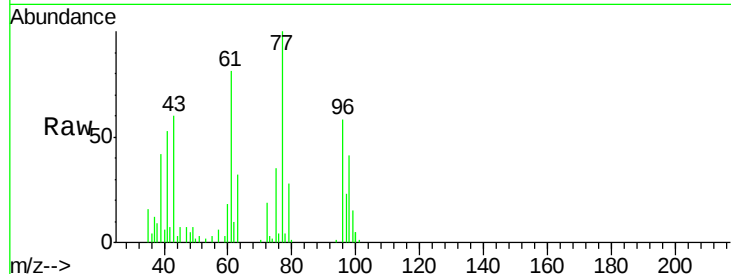
cis-1,2-Dichloroethene
 Concen: 18.720 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	281.4
98	68.8	0.0	132.2

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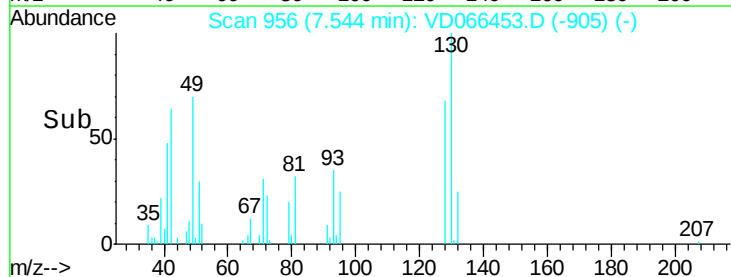
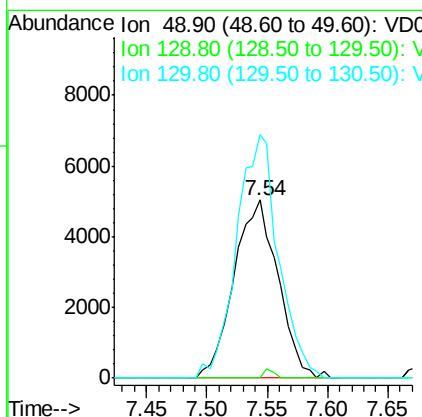
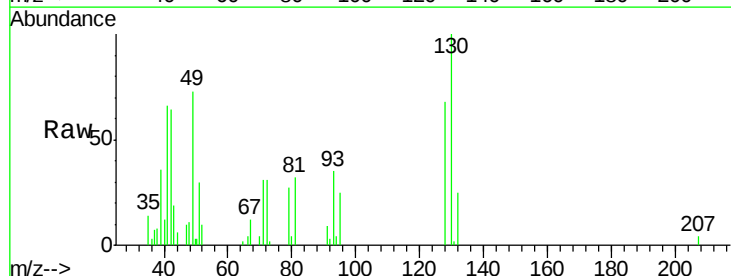
MMDadoda
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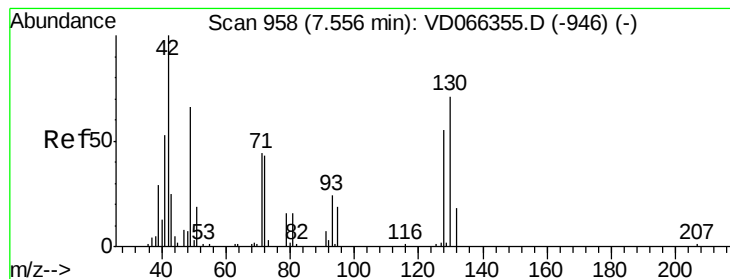


#28

Bromochloromethane
 Concen: 14.814 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.0
130	129.8	82.6	124.0#





#29

Tetrahydrofuran

Concen: 80.687 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

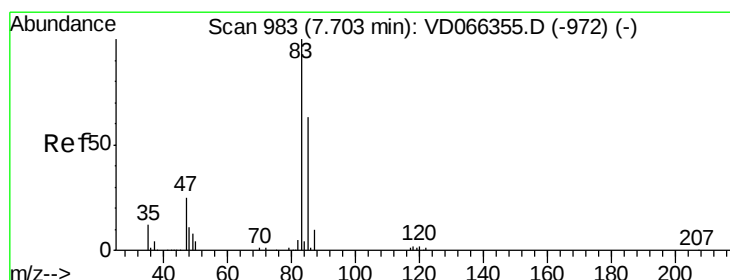
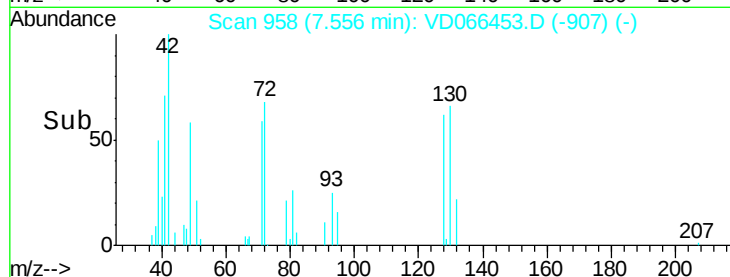
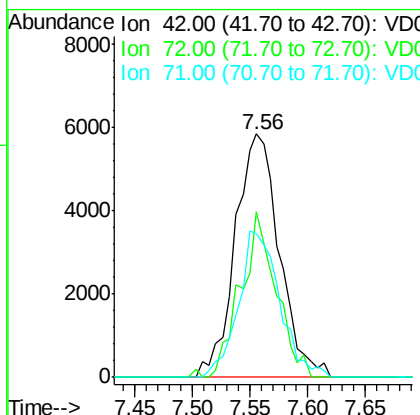
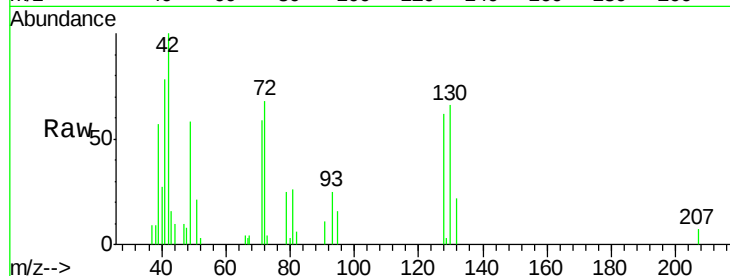
ClientSampleId :

VD0828SBS01

Tot Ion:	42	Resp:	15471
Ion	Ratio	Lower	Upper
42	100		
72	54.4	41.0	61.4
71	56.5	37.2	55.8#

Manual Integrations
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#30

Chloroform

Concen: 20.831 ug/l

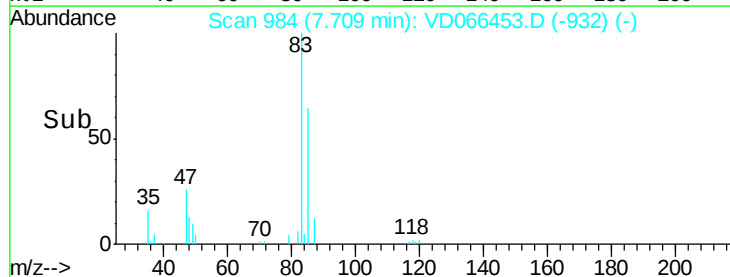
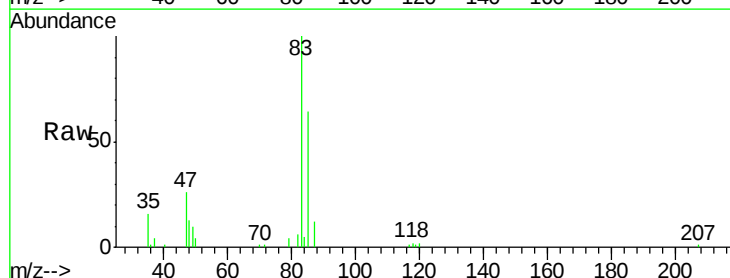
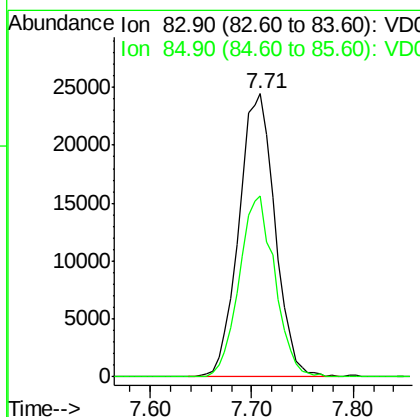
RT: 7.71 min Scan# 984

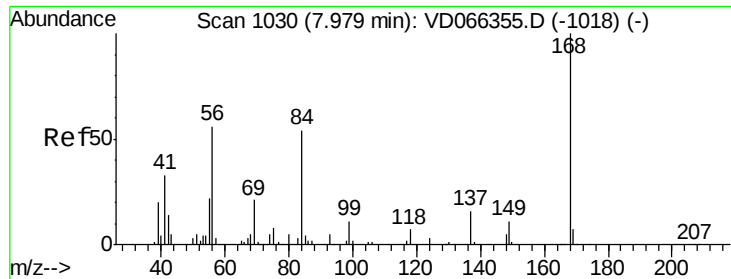
Delta R.T. 0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:	83	Resp:	60354
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5





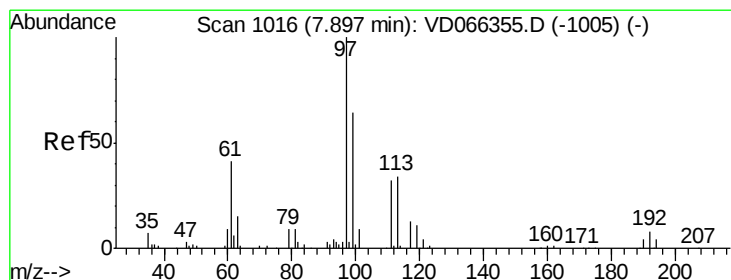
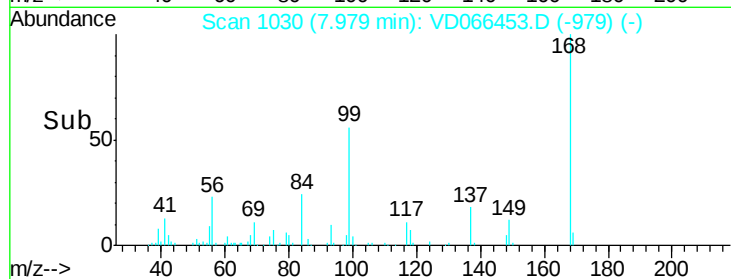
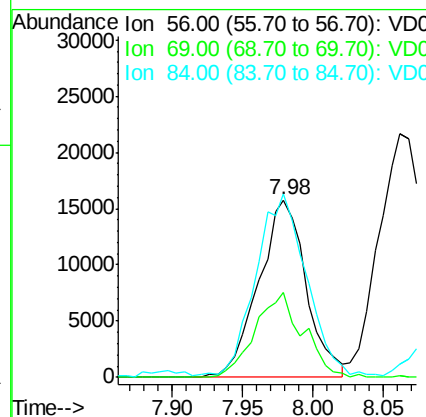
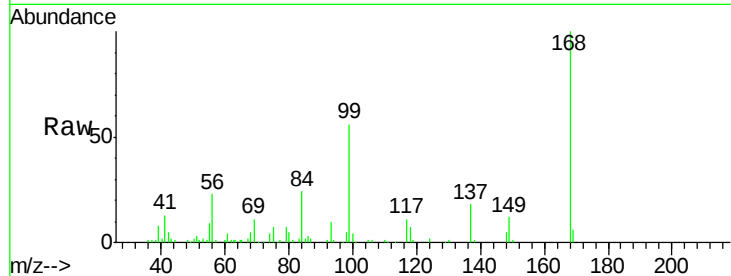
#31
Cyclohexane
Concen: 16.206 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	47.5	29.6	44.4#
84	101.9	76.6	115.0

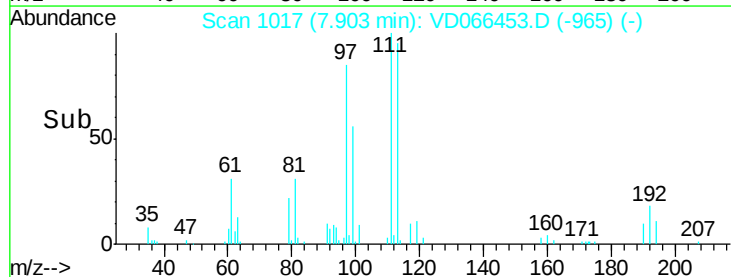
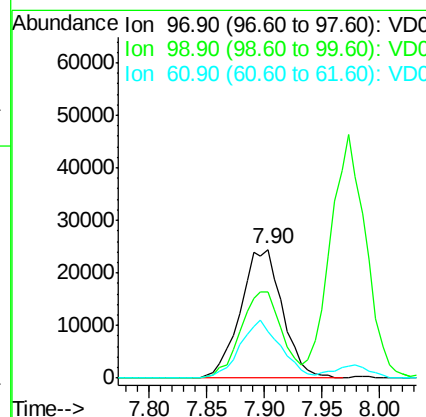
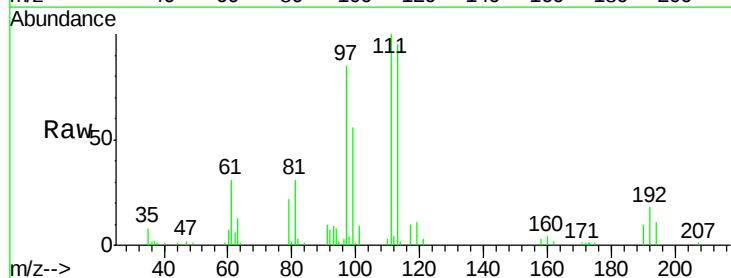
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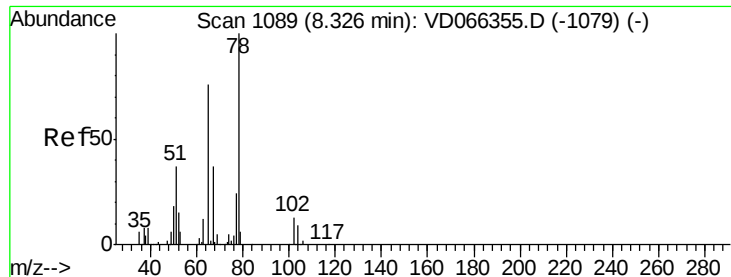
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#32
1,1,1-Trichloroethane
Concen: 20.809 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.5	77.3
61	43.7	33.3	49.9





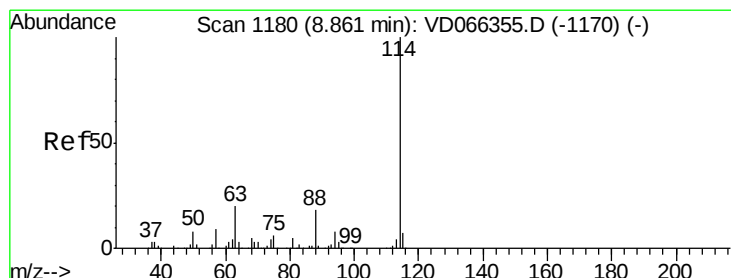
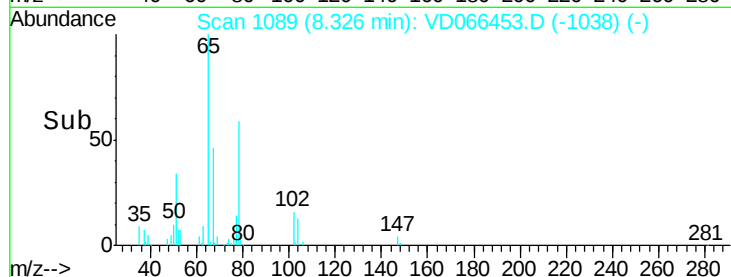
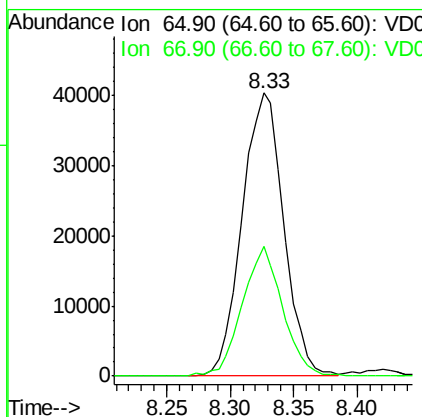
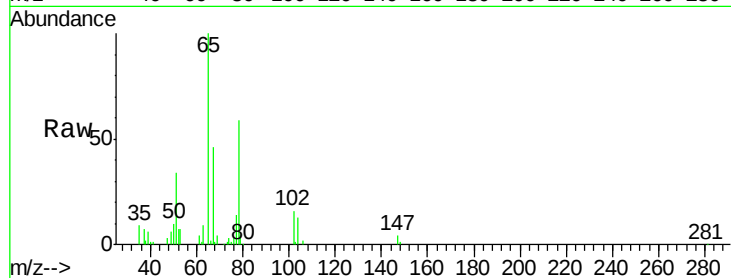
#33
 1,2-Dichloroethane-d4
 Concen: 55.831 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	101.6

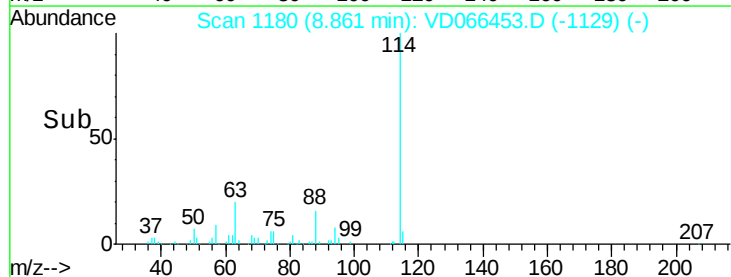
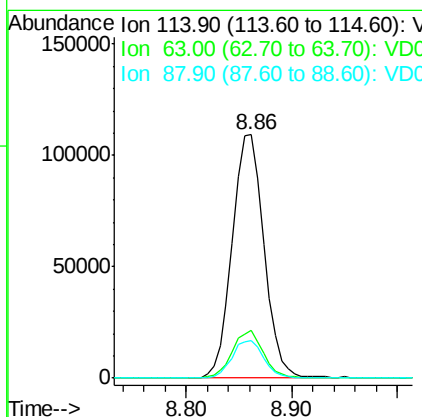
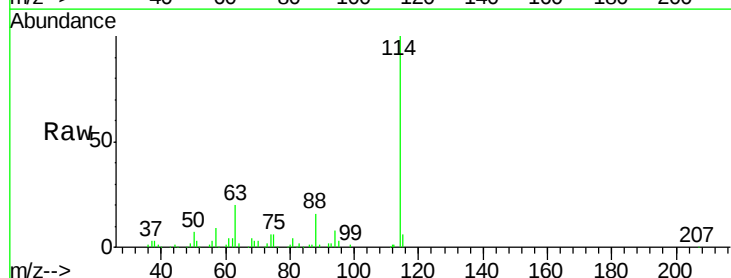
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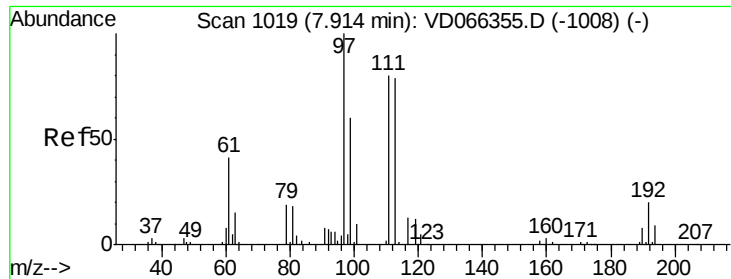
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.6	0.0	35.4





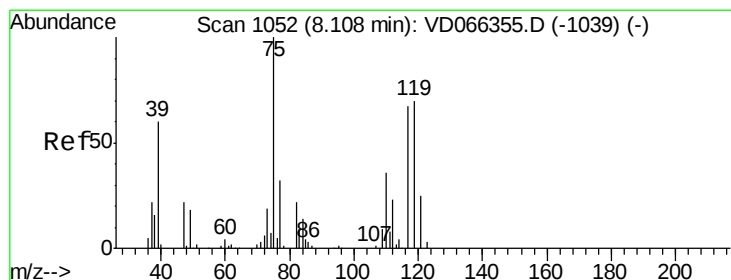
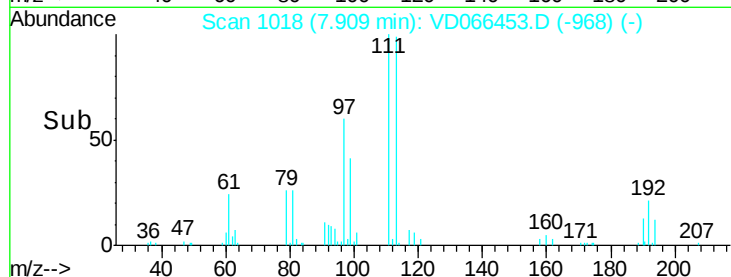
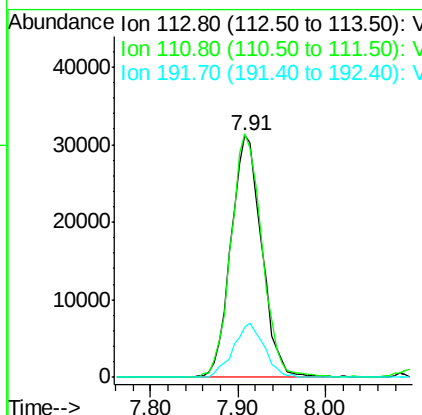
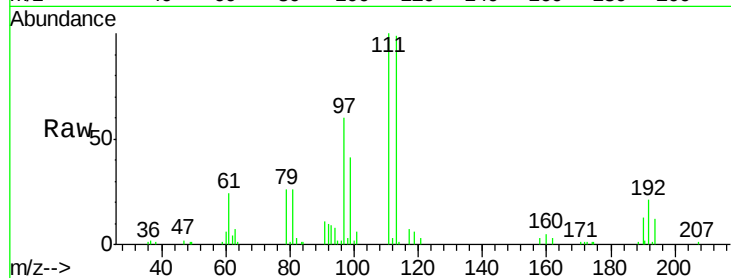
#35
 Dibromofluoromethane
 Concen: 51.828 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	73866		
111	102.3		80.3	120.5
192	22.3		19.0	28.6

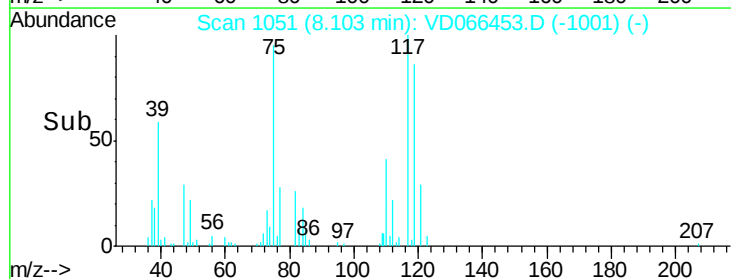
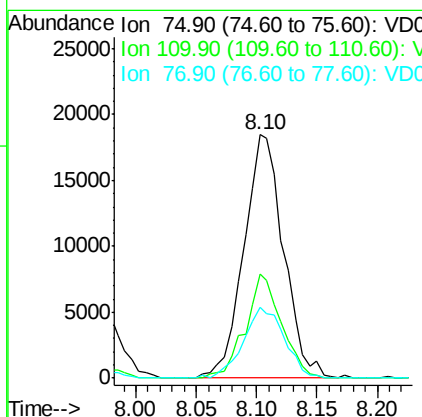
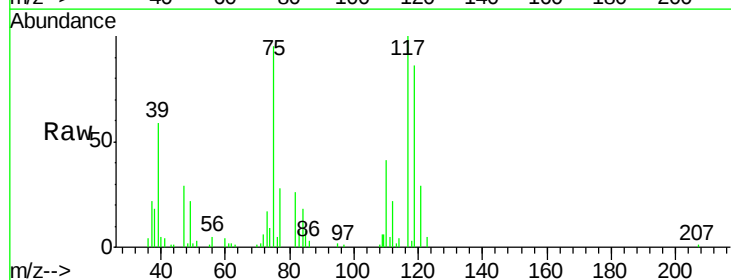
Manual Integrations
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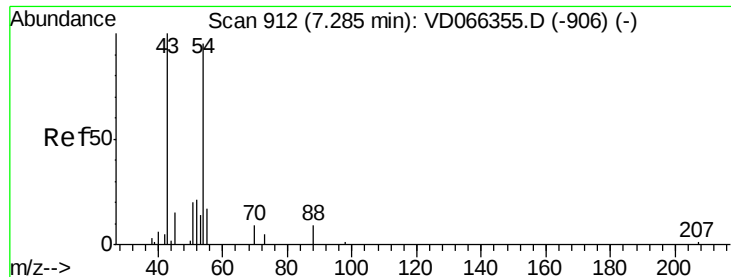
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#36
 1,1-Dichloropropene
 Concen: 20.268 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42151		
110	38.8		18.7	56.1
77	30.1		25.2	37.8





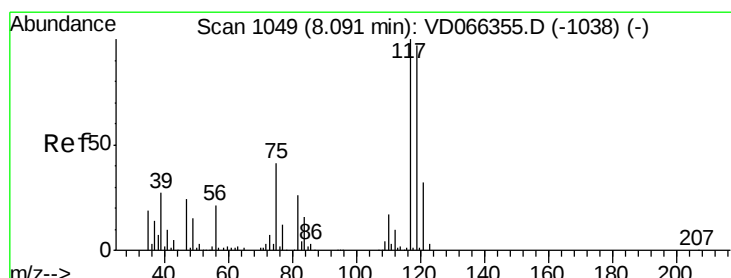
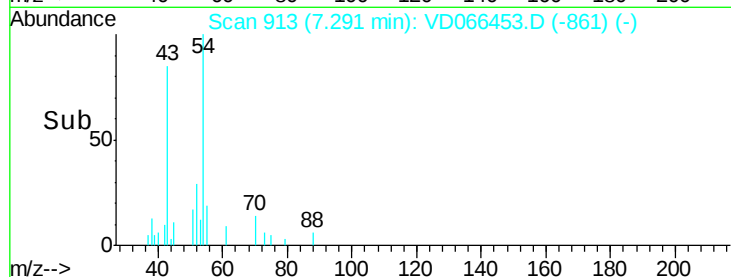
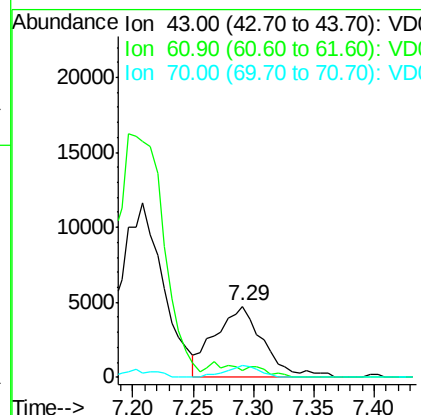
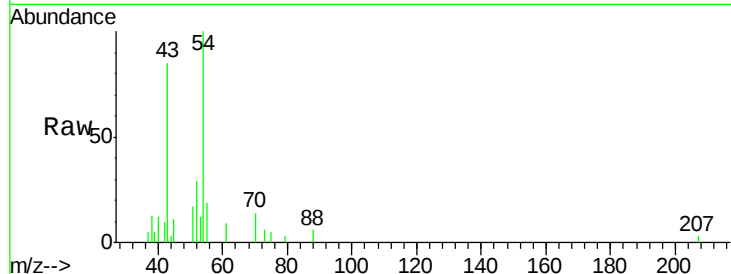
#37
Ethyl Acetate
Concen: 18.639 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.3	19.9#
70	11.5	3.5	5.3#

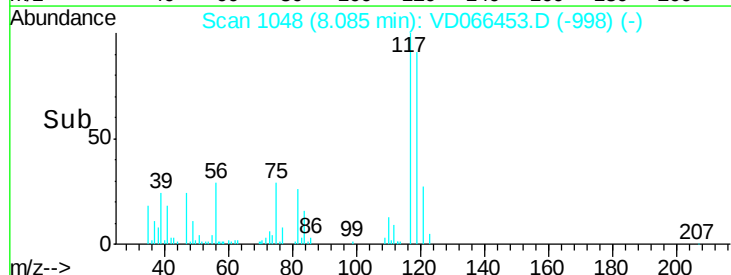
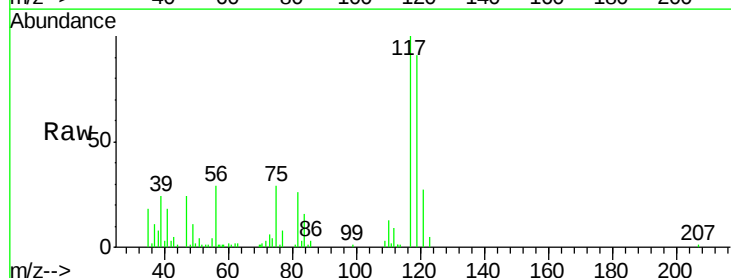
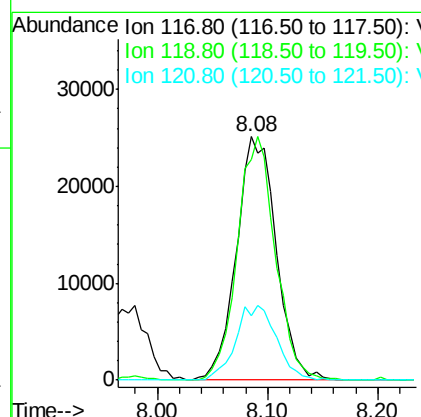
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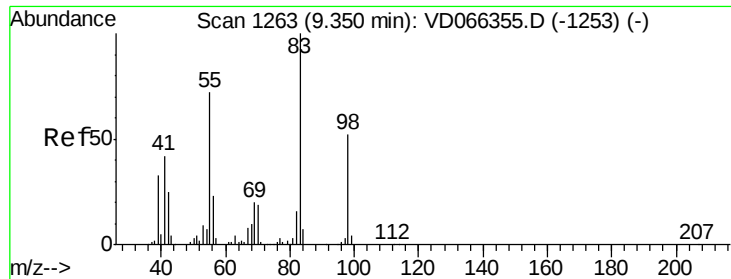
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#38
Carbon Tetrachloride
Concen: 23.403 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	77.2	115.8
121	26.7	25.8	38.8





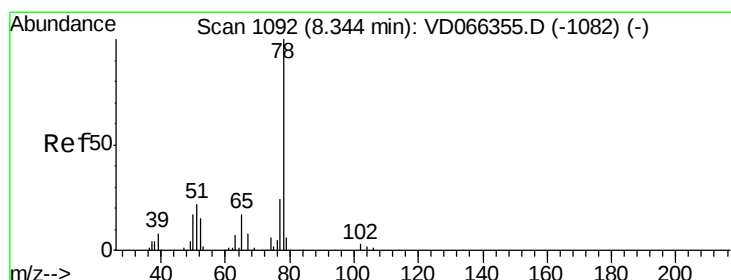
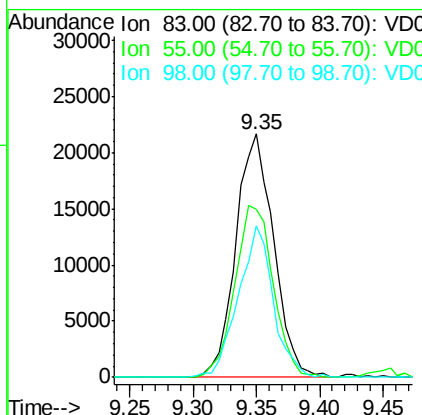
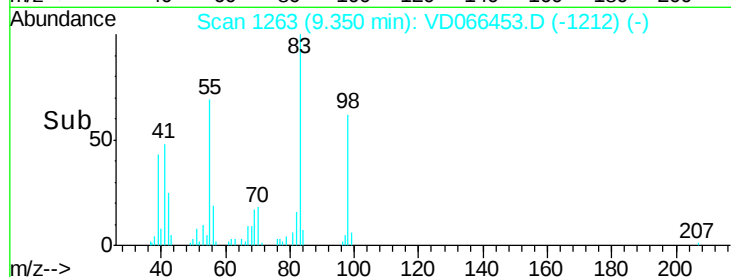
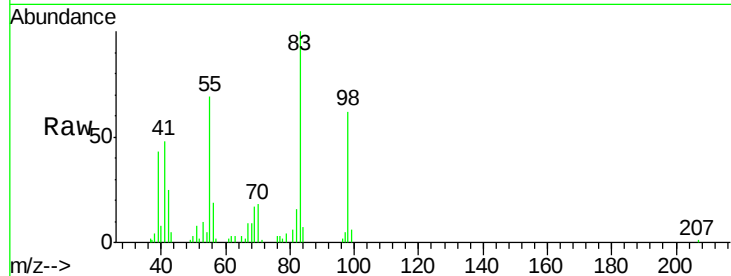
#39
Methvlcvclohexane
Concen: 18.286 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	58.0	87.0
98	62.1	41.9	62.9

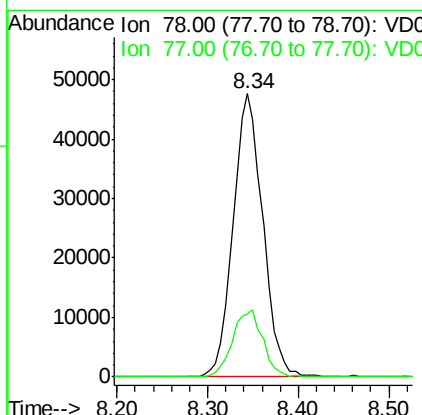
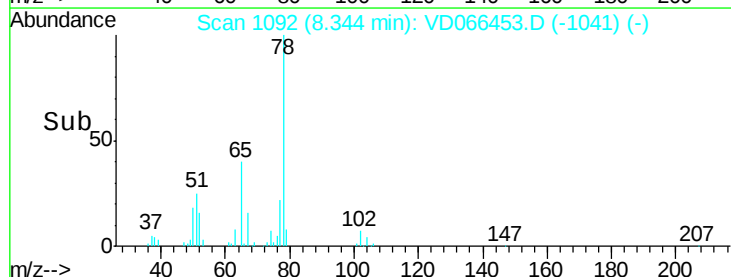
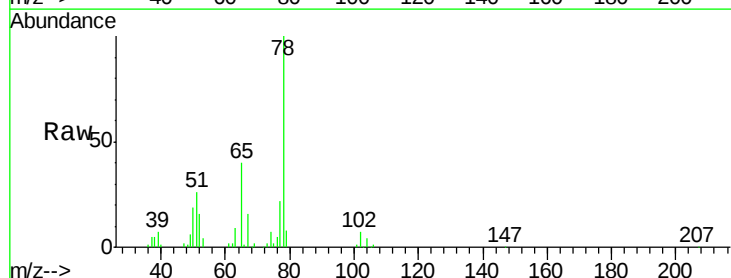
Manual Integrations
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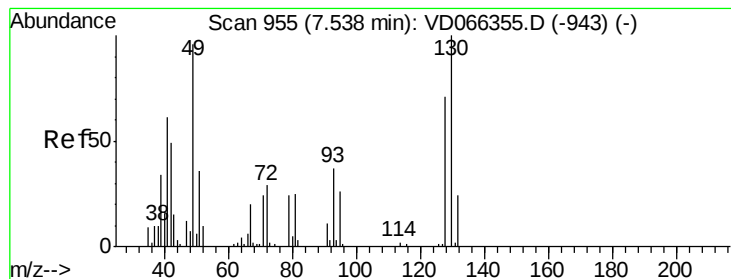
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#40
Benzene
Concen: 19.726 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.8	28.2





#41

Methacrylonitrile

Concen: 18.485 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 41 Resp: 8063

Ion Ratio Lower Upper

41 100

39 101.5 51.8 77.8#

67 0.0 0.0 0.0

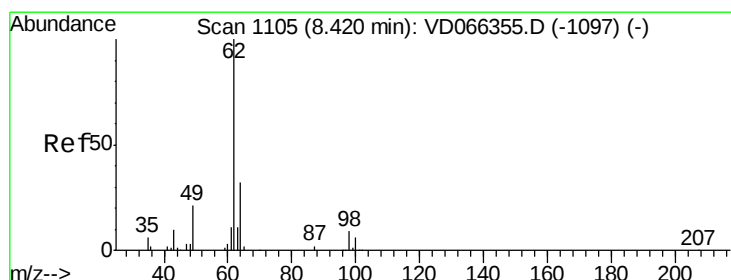
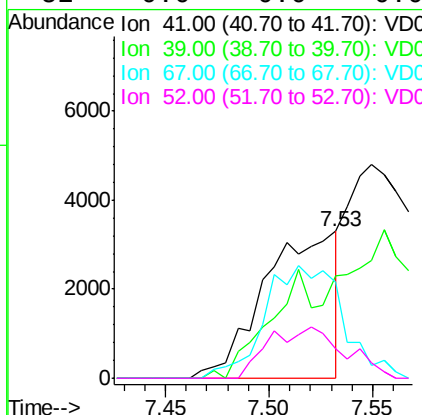
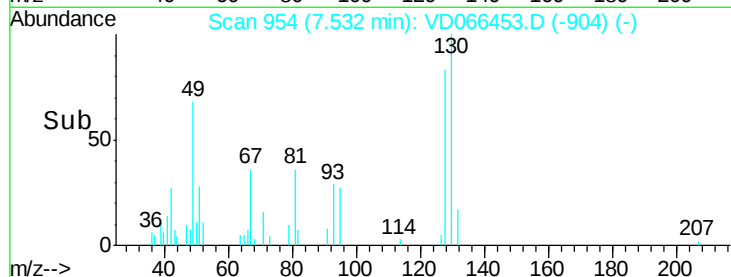
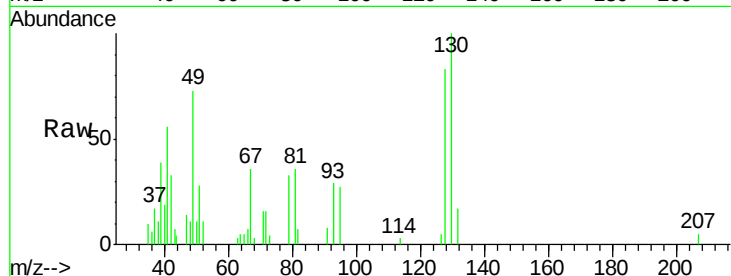
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 22.237 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066453.D

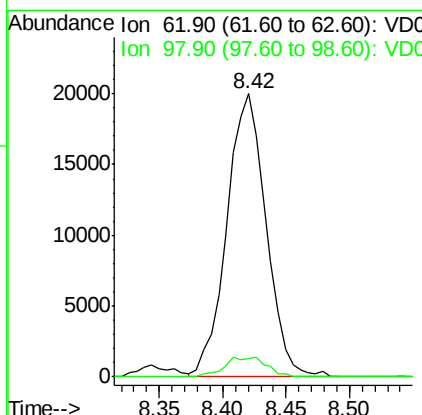
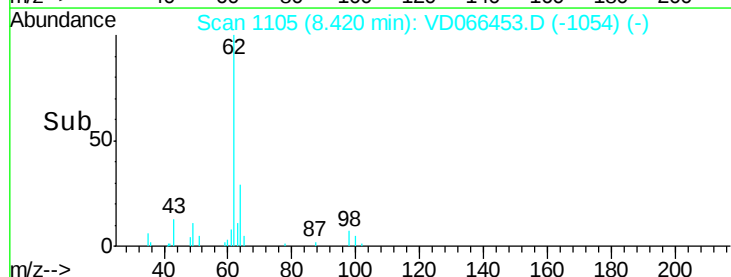
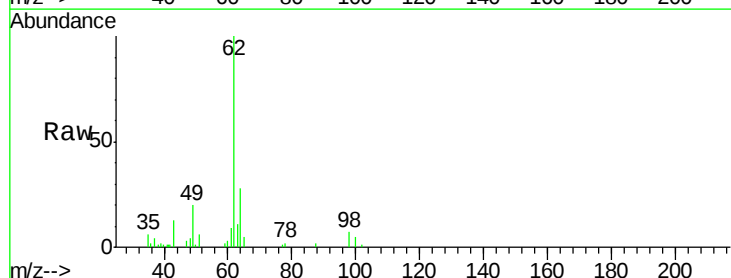
Acq: 28 Aug 2020 12:10

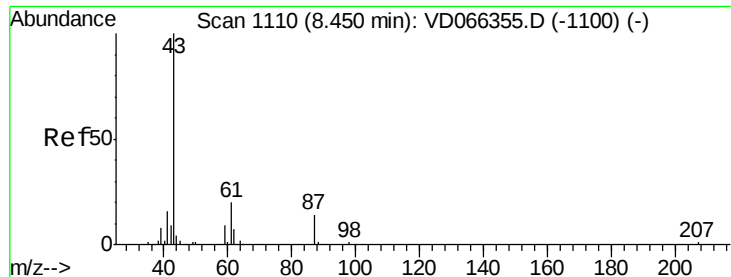
Tgt Ion: 62 Resp: 42848

Ion Ratio Lower Upper

62 100

98 7.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 18.540 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

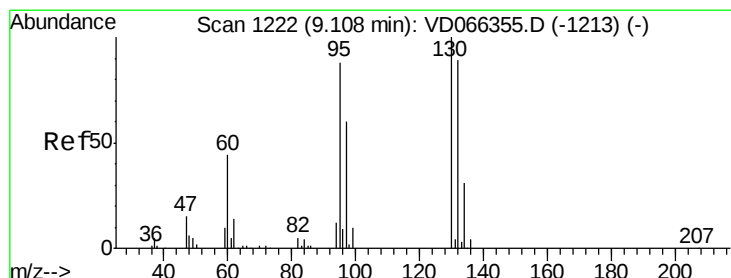
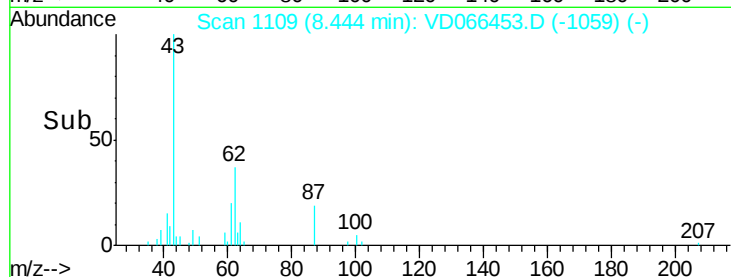
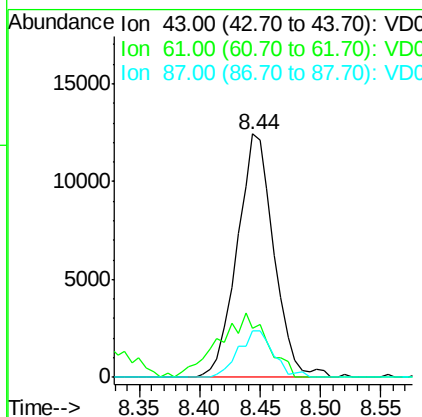
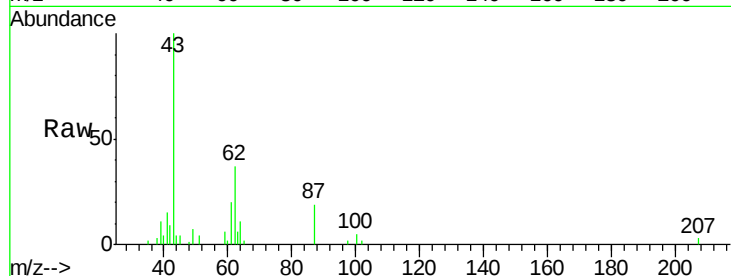
ClientSampleId :

VD0828SBS01

Tot Ion:	43	Resp:	26321
Ion	Ratio	Lower	Upper
43	100		
61	34.6	26.5	39.7
87	18.5	11.9	17.9

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#44

Trichloroethene

Concen: 20.704 ug/l

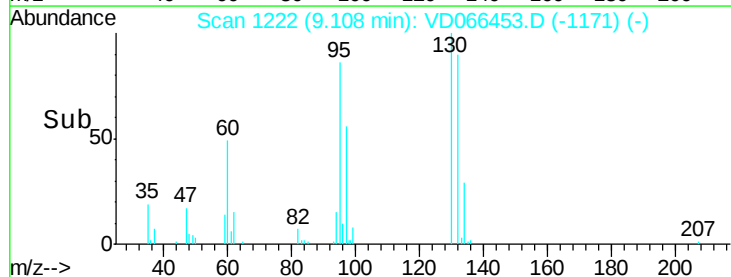
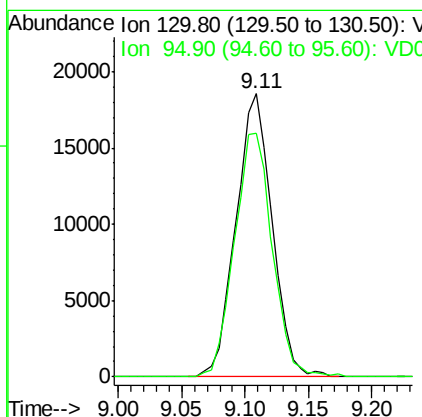
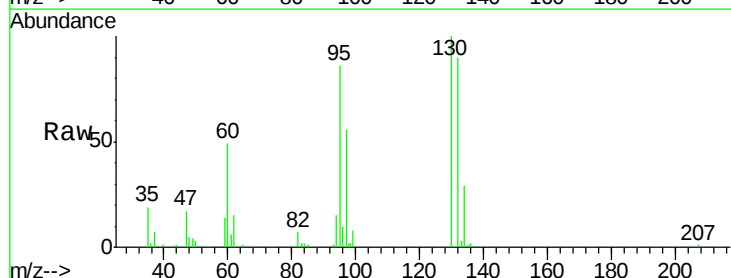
RT: 9.11 min Scan# 1222

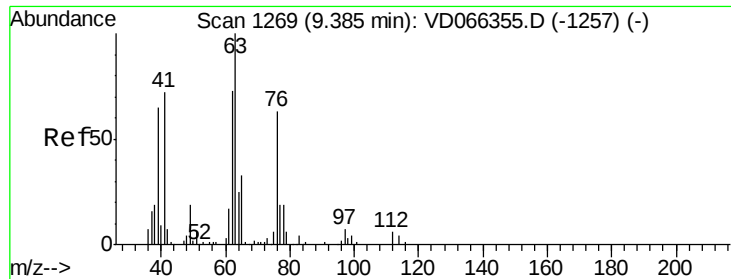
Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:	130	Resp:	36806
Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	175.6





#45

1,2-Dichloropropane

Concen: 17.292 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 63 Resp: 21447

Ion Ratio Lower Upper

63 100

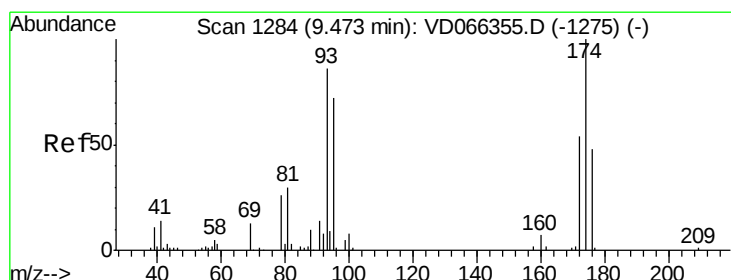
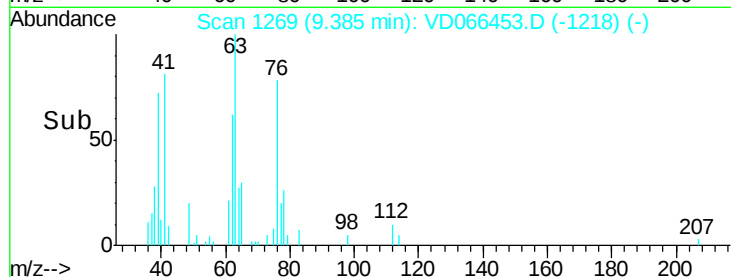
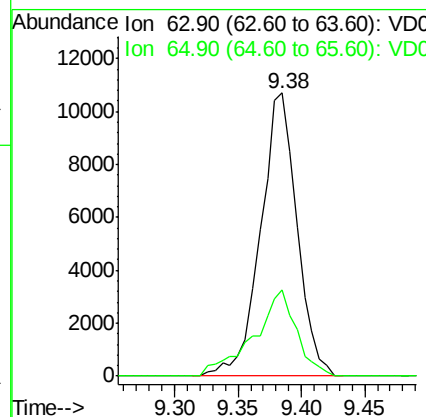
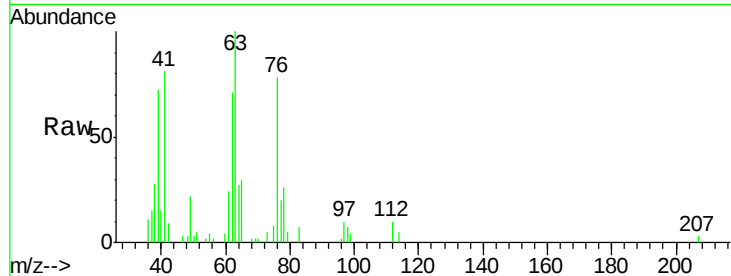
65 30.4 26.4 39.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.665 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

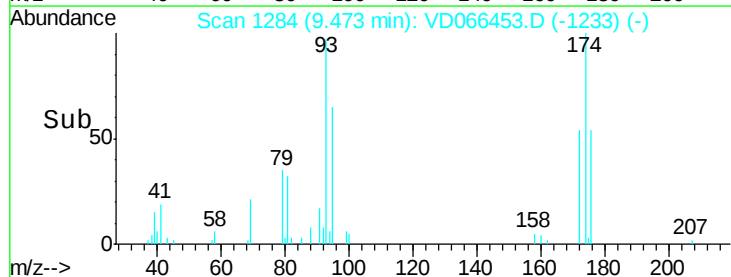
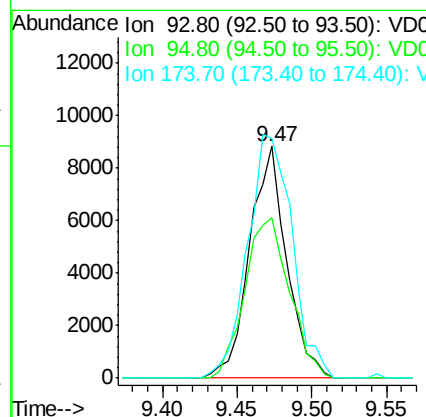
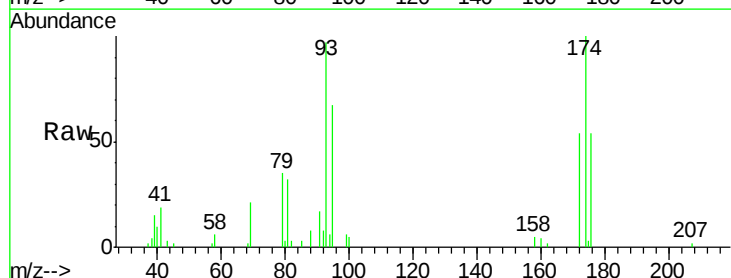
Tgt Ion: 93 Resp: 15186

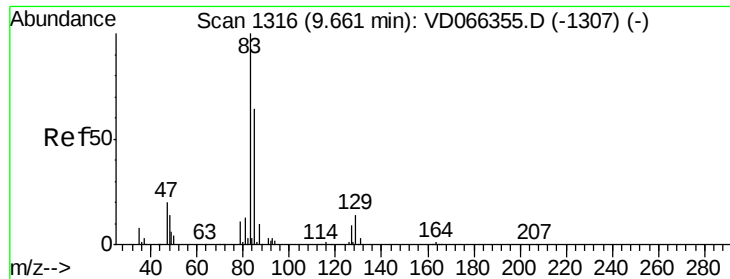
Ion Ratio Lower Upper

93 100

95 83.4 66.0 99.0

174 126.0 94.6 141.8





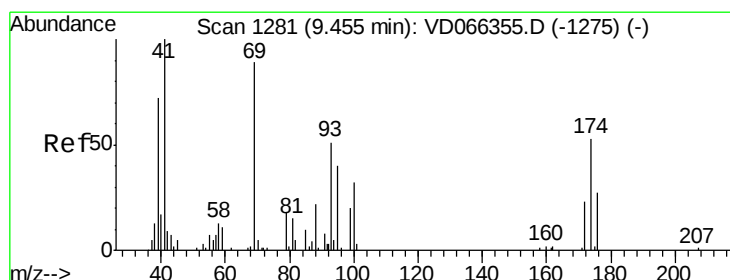
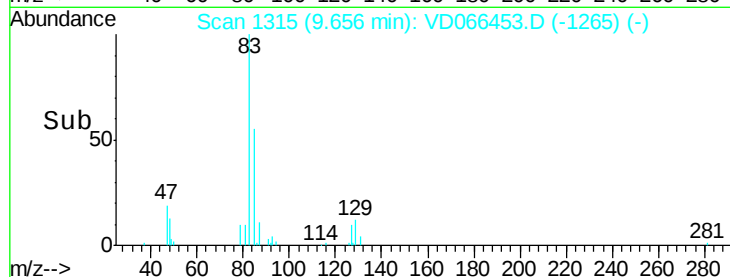
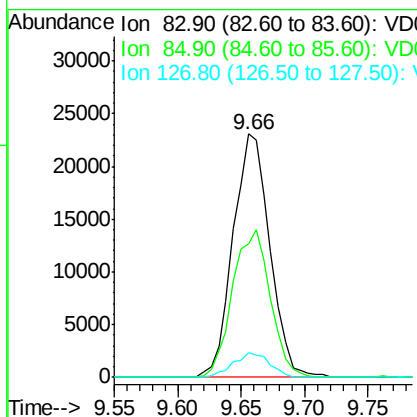
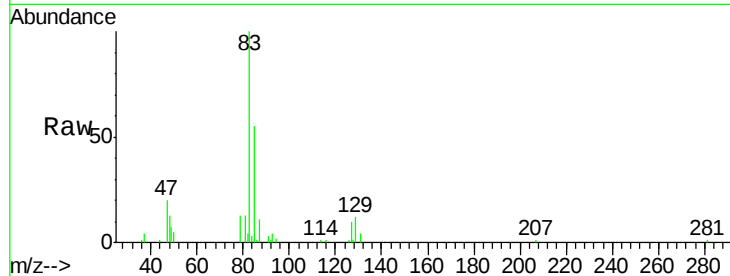
#47
Bromodichloromethane
Concen: 21.826 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	83	Resp	46351
Ion Ratio	100	Lower	Upper
83	100		
85	55.0	51.4	77.0
127	10.3	7.4	11.0

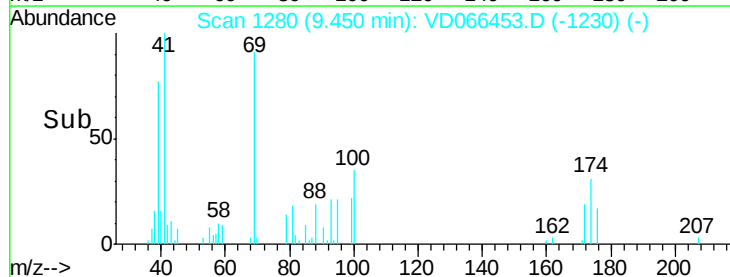
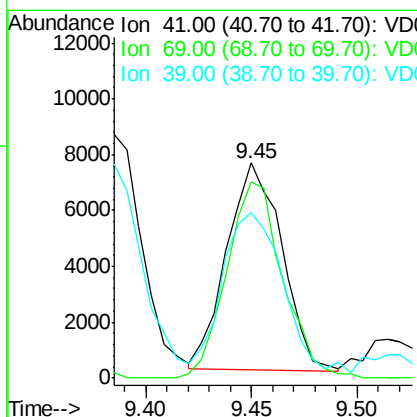
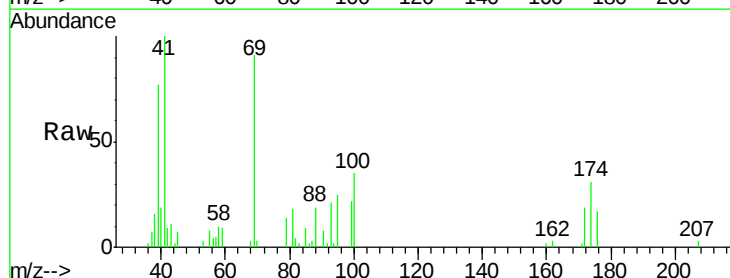
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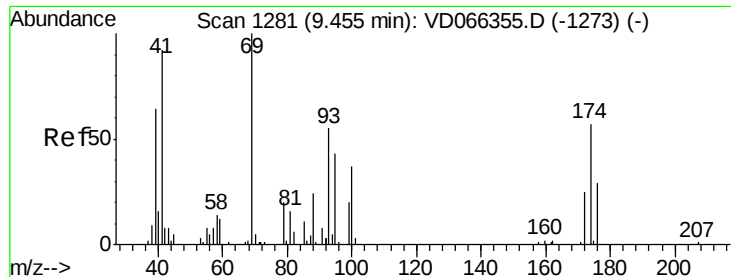
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#48
Methyl methacrylate
Concen: 18.253 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	41	Resp	13363
Ion Ratio	100	Lower	Upper
41	100		
69	96.7	75.5	113.3
39	84.3	57.0	85.4





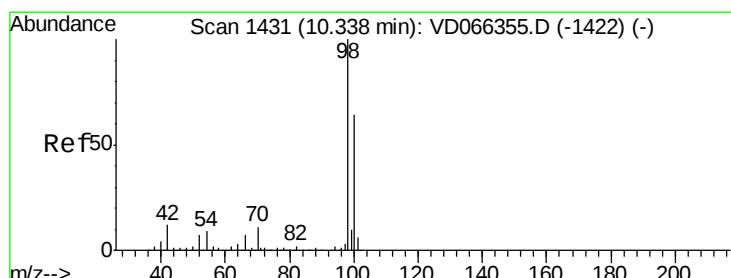
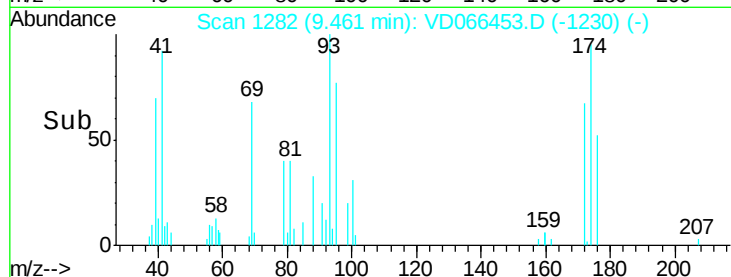
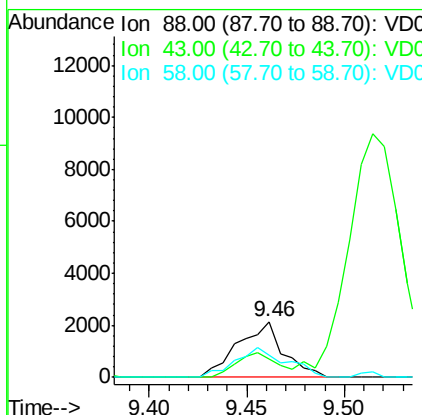
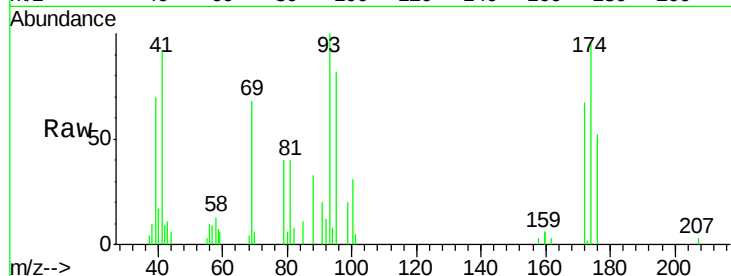
#49
1,4-Dioxane
Concen: 382.526 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.2	29.4	44.0
58	59.7	45.4	68.2

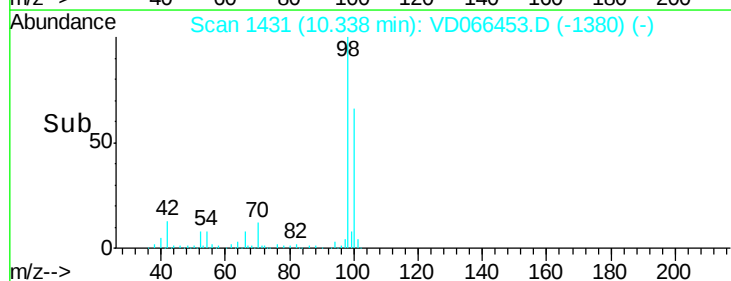
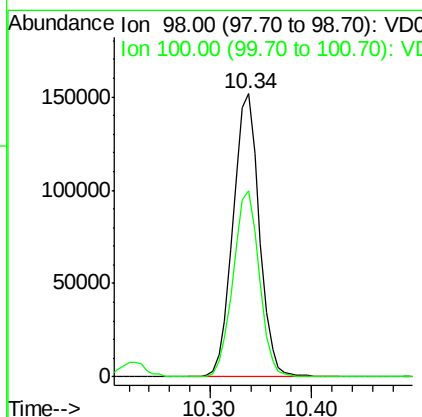
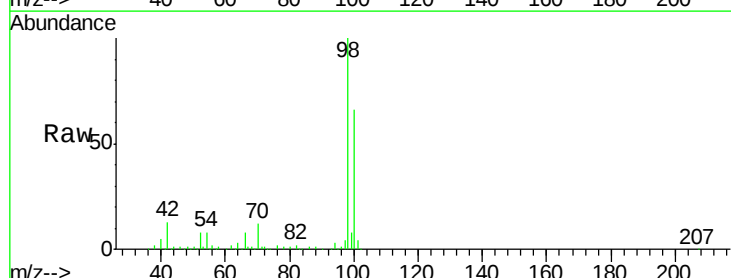
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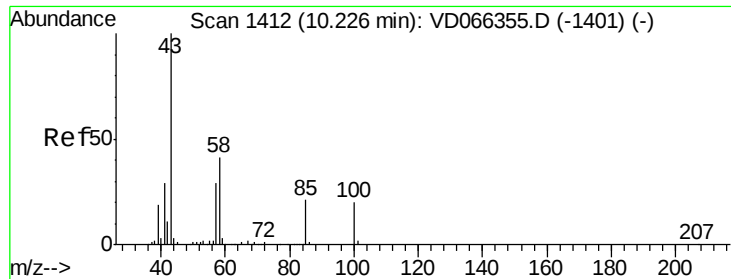
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#50
Toluene-d8
Concen: 52.487 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 90.616 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 43 Resp: 62234

Ion Ratio Lower Upper

43 100

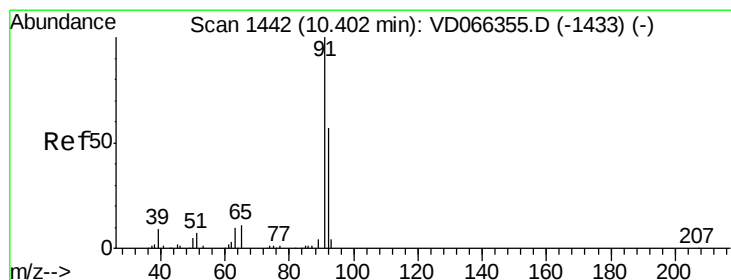
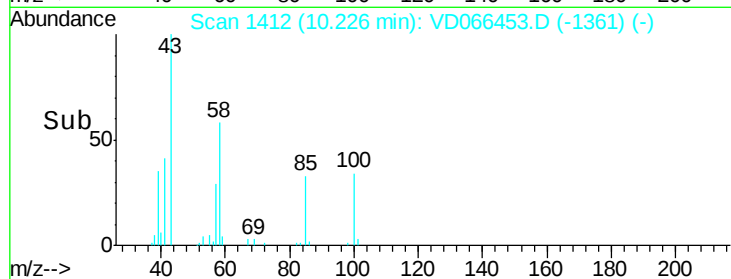
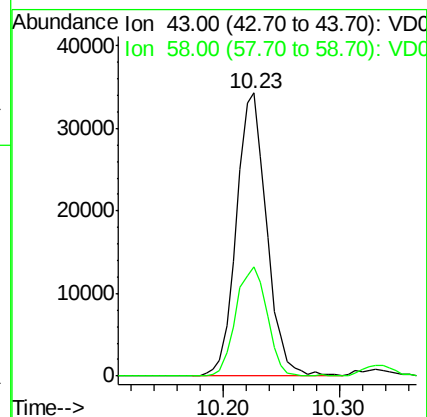
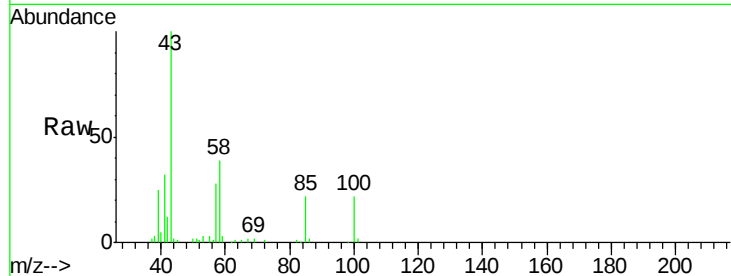
58 39.6 31.4 47.2

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#52

Toluene

Concen: 20.635 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066453.D

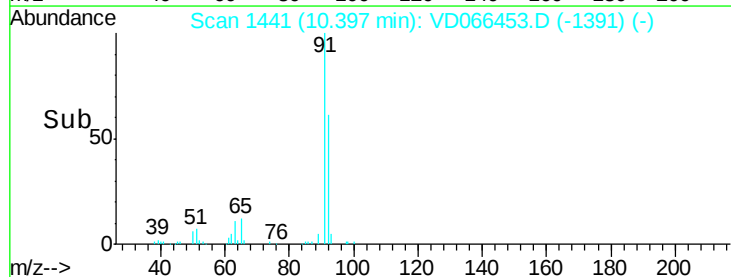
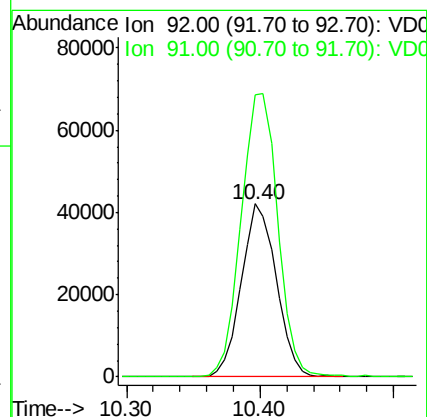
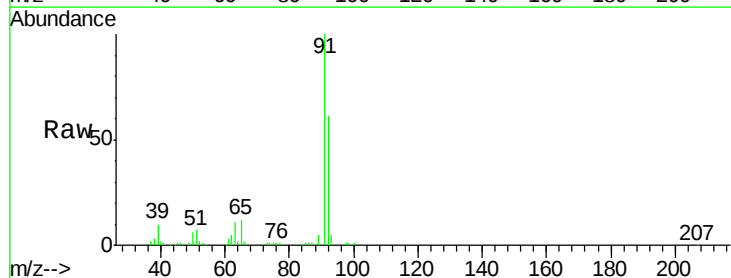
Acq: 28 Aug 2020 12:10

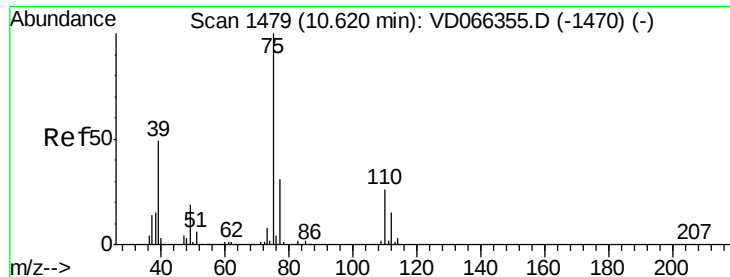
Tgt Ion: 92 Resp: 76484

Ion Ratio Lower Upper

92 100

91 171.0 135.8 203.6





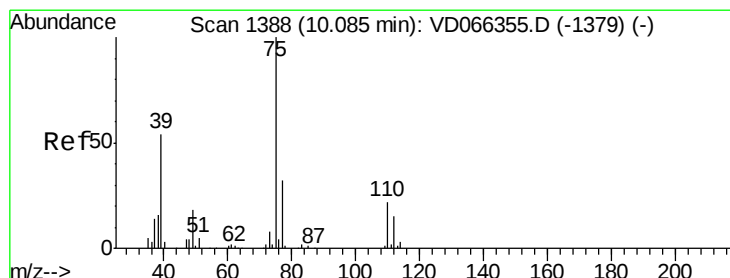
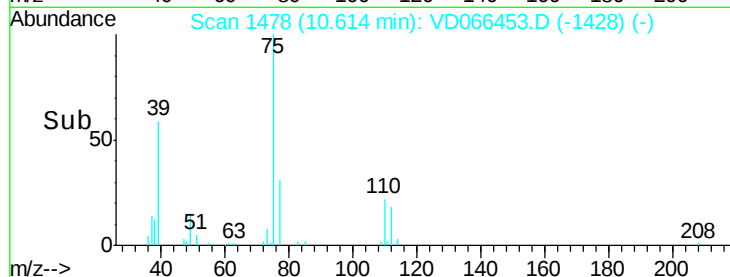
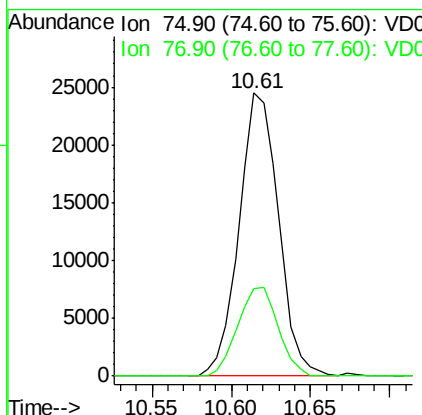
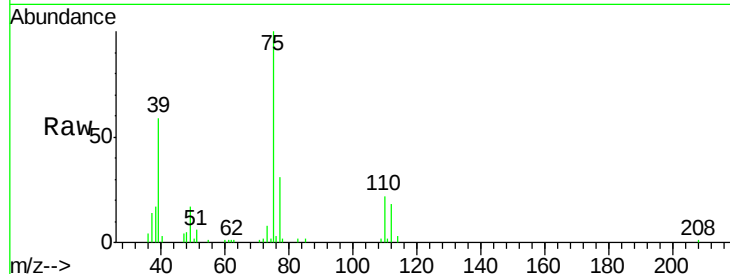
#53
t-1,3-Dichloropropene
Concen: 21.027 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion: 75 Resp: 42371
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7

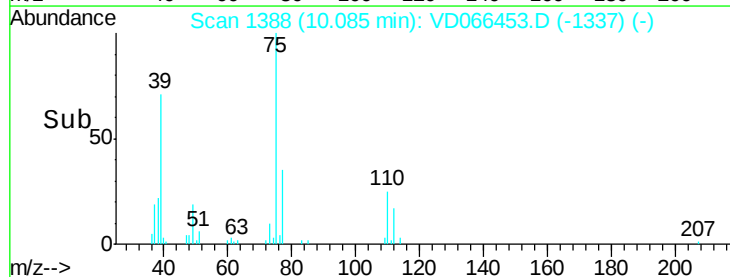
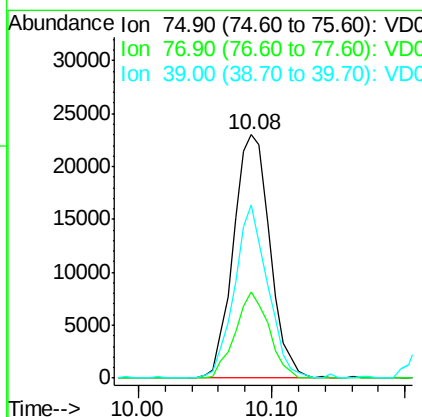
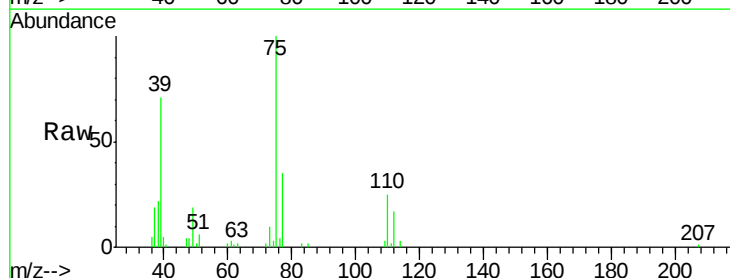
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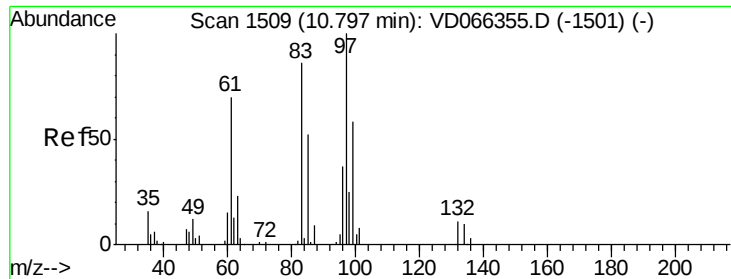
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#54
cis-1,3-Dichloropropene
Concen: 19.264 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 75 Resp: 43572
Ion Ratio Lower Upper
75 100
77 35.4 25.6 38.4
39 71.4 43.4 65.0#





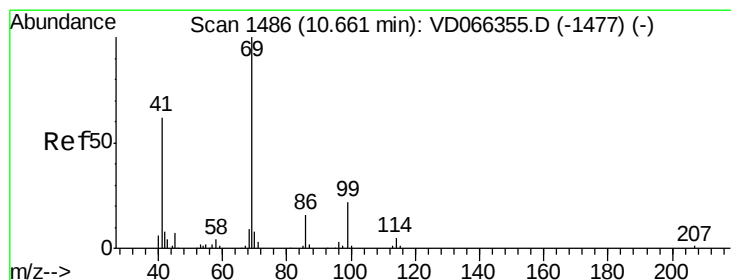
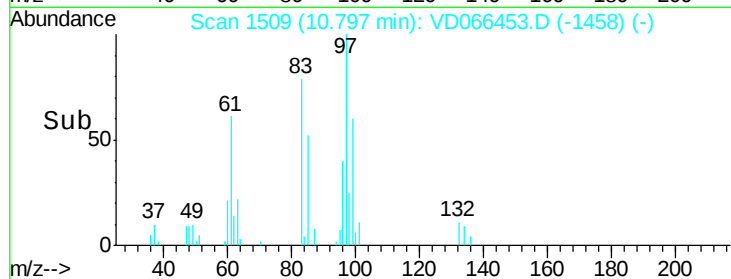
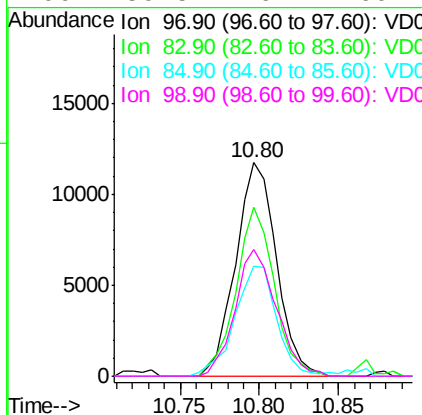
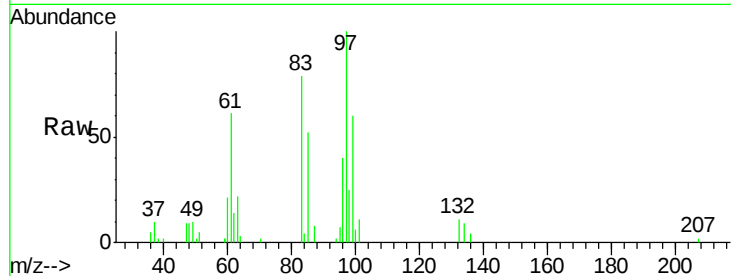
#55
 1,1,2-Trichloroethane
 Concen: 20.059 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion:	97	Resp:	20970
Ion	Ratio	Lower	Upper
97	100		
83	79.2	68.4	102.6
85	51.7	41.3	61.9
99	59.5	46.1	69.1

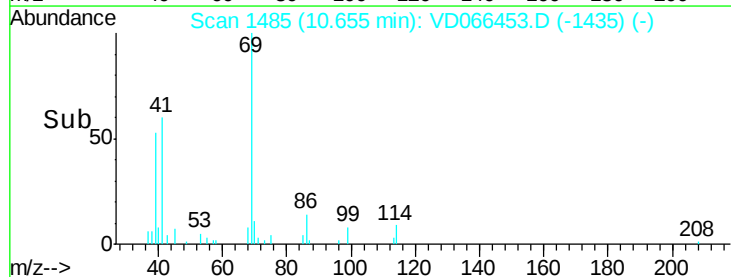
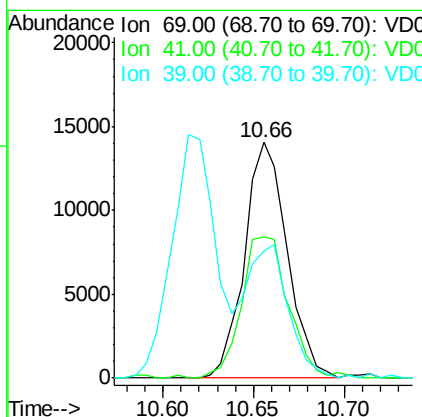
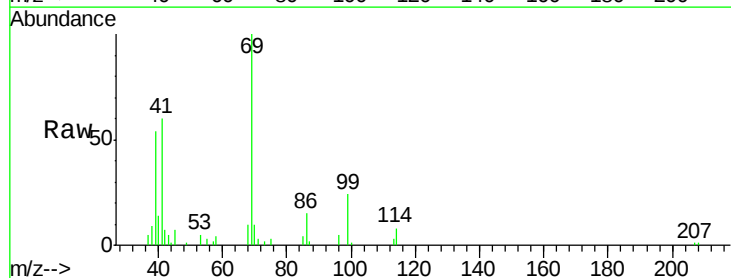
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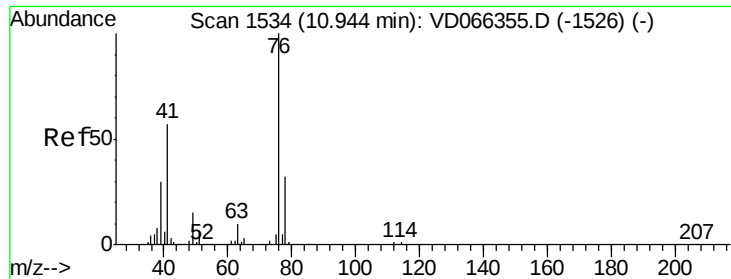
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#56
 Ethyl methacrylate
 Concen: 18.926 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion:	69	Resp:	22904
Ion	Ratio	Lower	Upper
69	100		
41	66.6	50.8	76.2
39	56.2	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 19.353 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 76 Resp: 33466

Ion Ratio Lower Upper

76 100

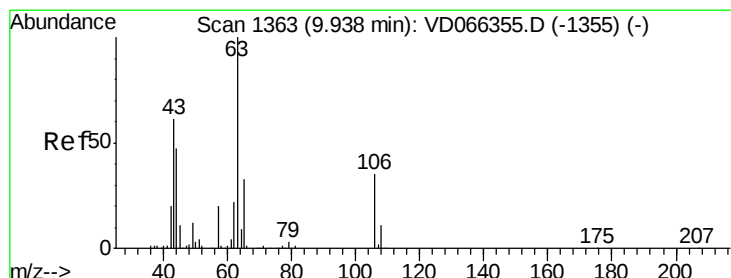
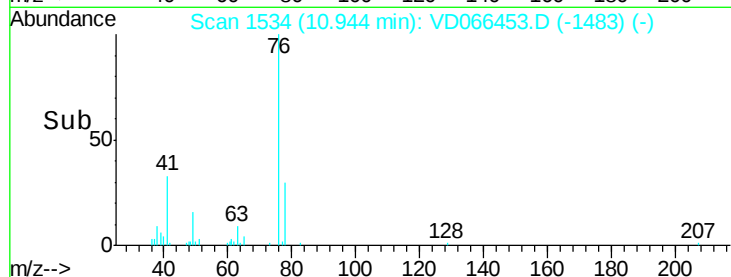
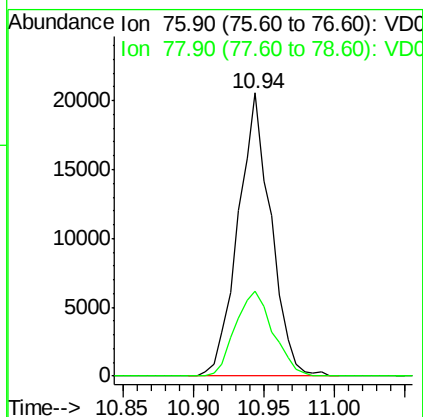
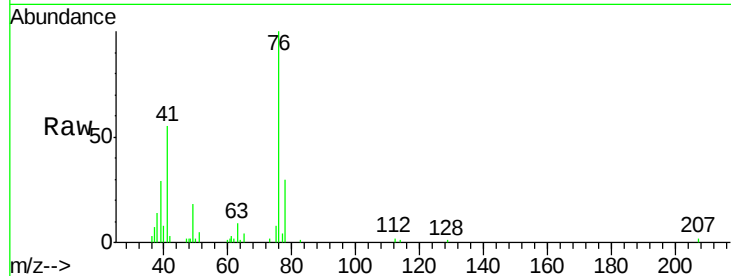
78 34.4 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 94.269 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066453.D

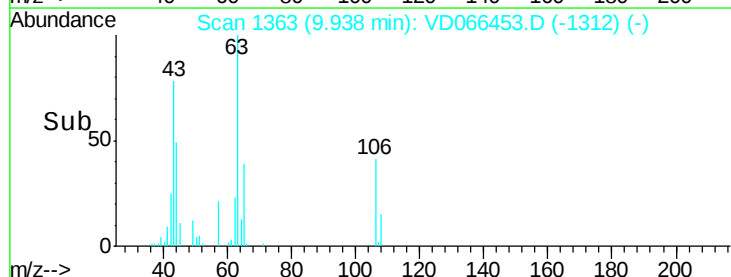
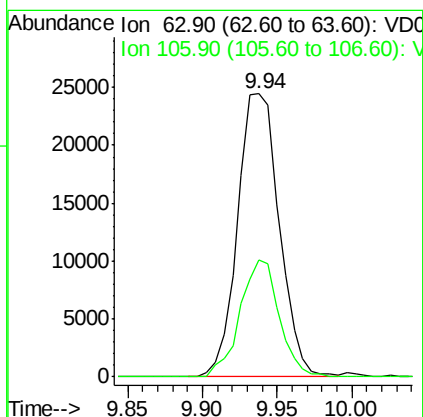
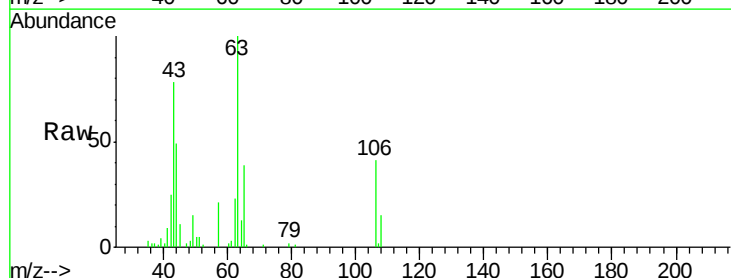
Acq: 28 Aug 2020 12:10

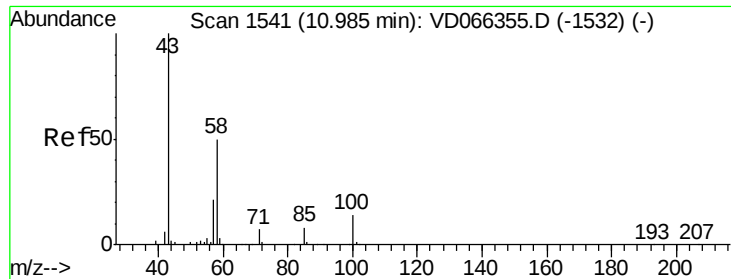
Tgt Ion: 63 Resp: 47382

Ion Ratio Lower Upper

63 100

106 38.8 27.1 40.7





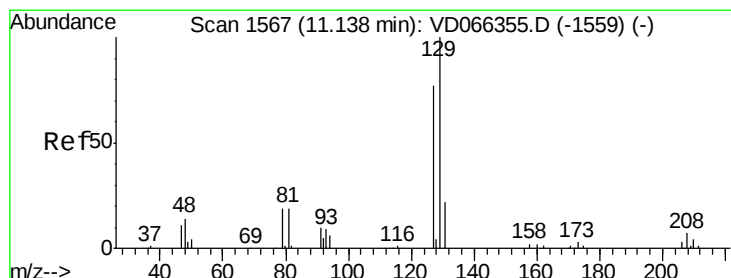
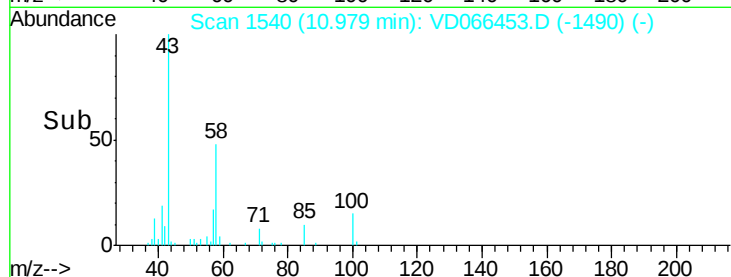
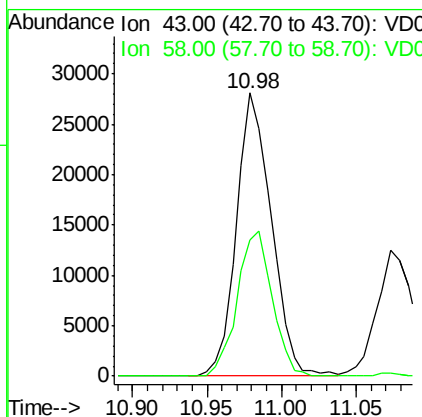
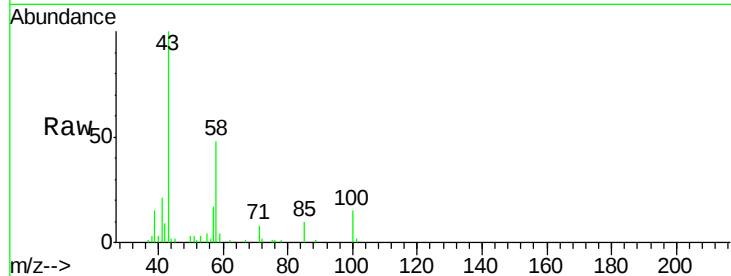
#59
2-Hexanone
Concen: 94.450 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion: 43 Resp: 45755
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.8

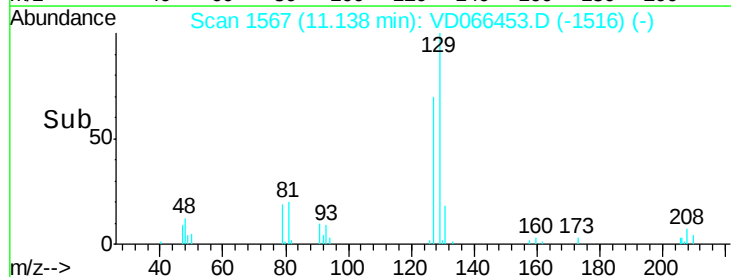
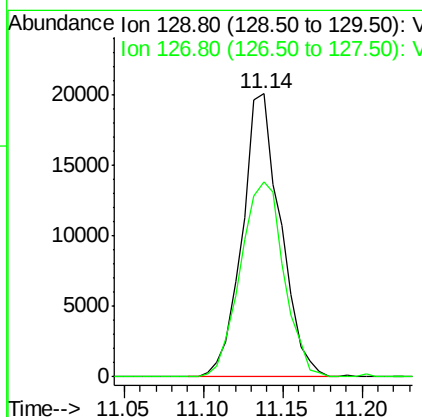
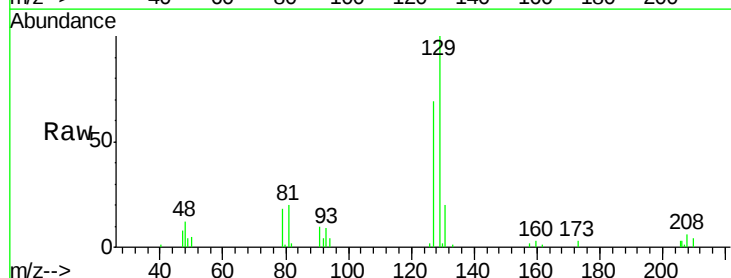
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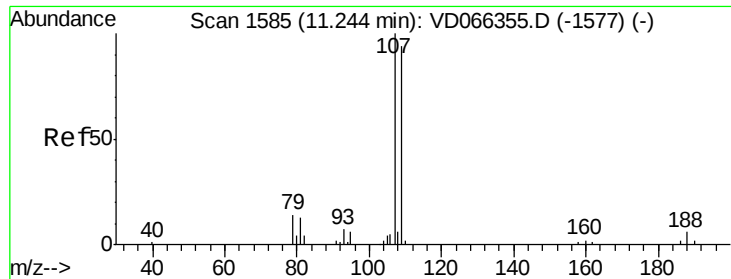
MMDadoda
8/31/2020 11:58:43 AM



#60
Dibromochloromethane
Concen: 21.390 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 129 Resp: 33706
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





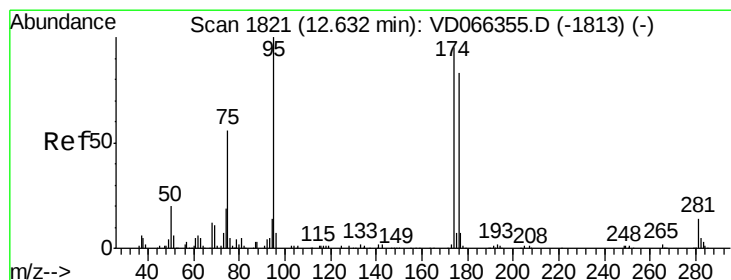
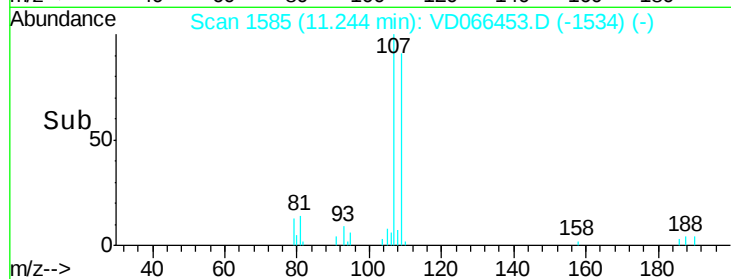
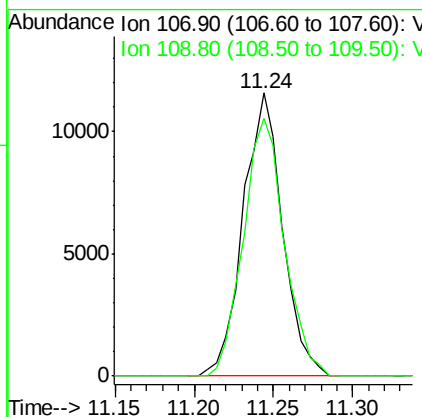
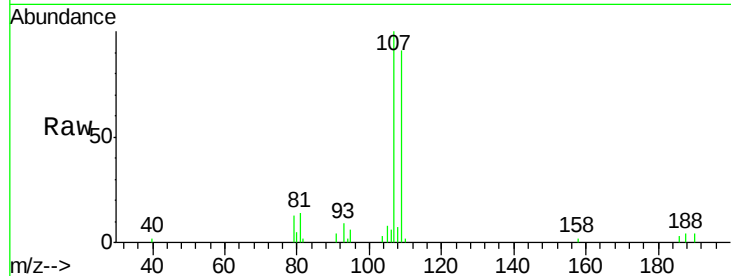
#61
 1,2-Dibromoethane
 Concen: 19.408 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	77.8	116.8

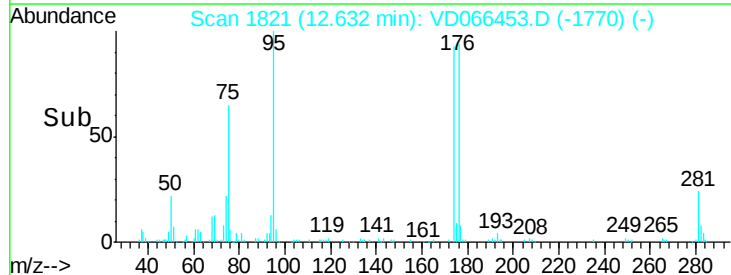
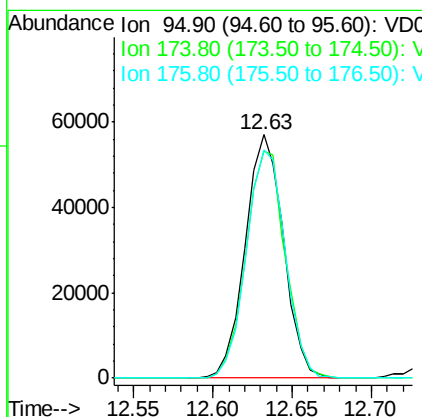
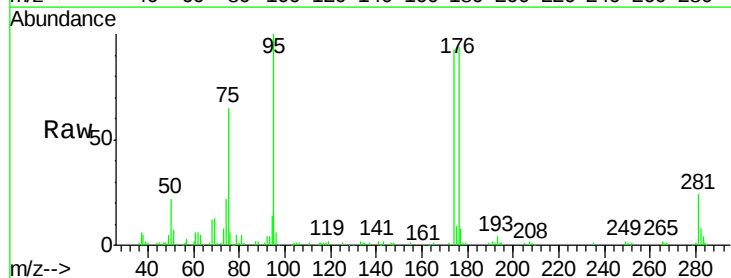
Manual Integrations
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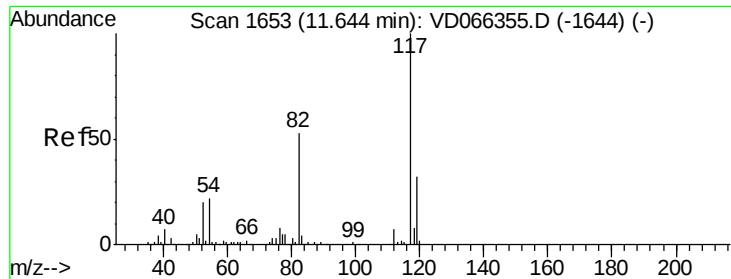
MMDadoda
 8/31/2020 11:58:43 AM



#62
 4-Bromofluorobenzene
 Concen: 51.787 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	183.4
176	95.3	0.0	173.8





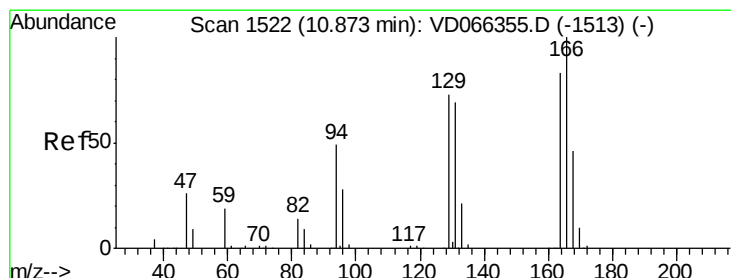
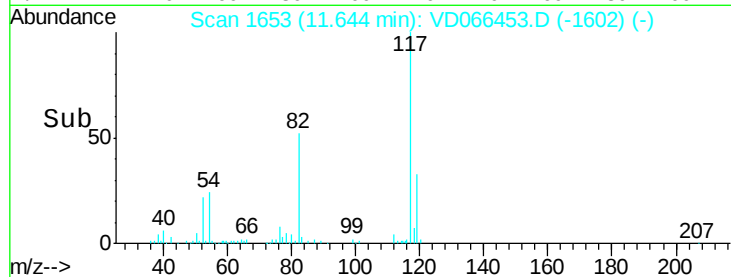
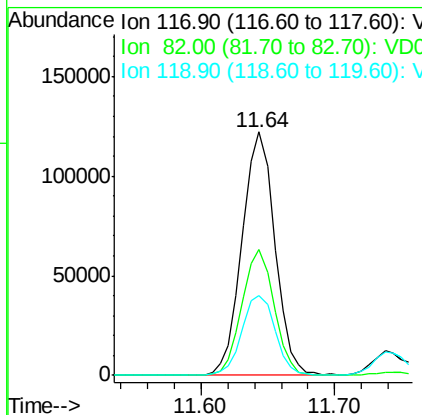
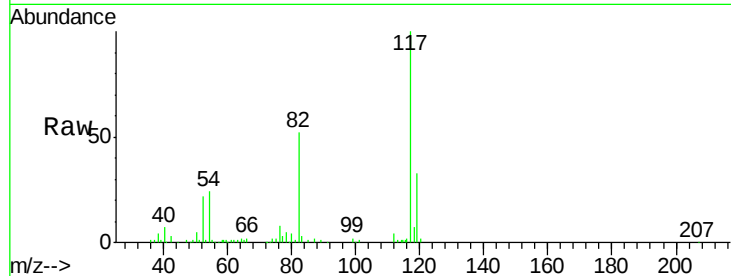
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	208083		
82	51.6		42.8	64.2
119	32.6		25.8	38.8

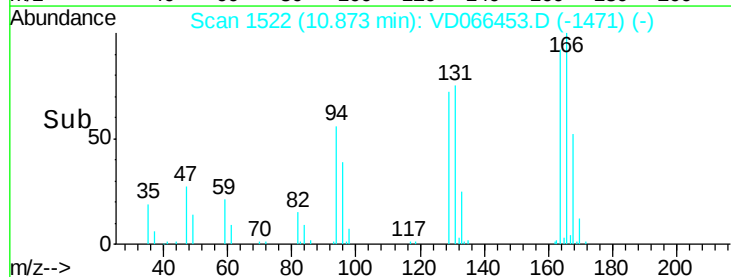
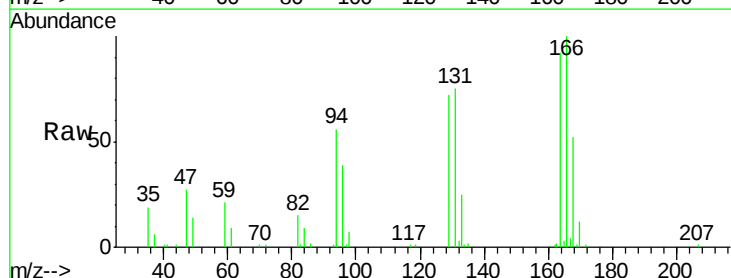
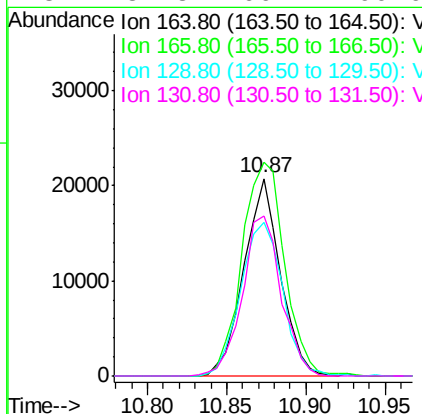
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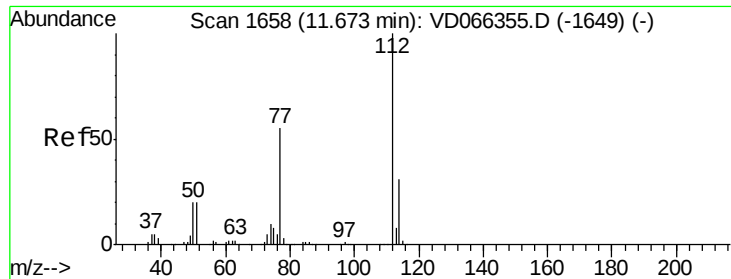
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#64
Tetrachloroethene
Concen: 21.030 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33196		
166	108.1		96.2	144.4
129	78.0		70.3	105.5
131	81.3		66.4	99.6





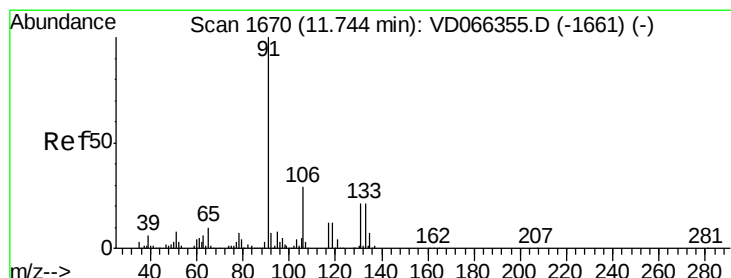
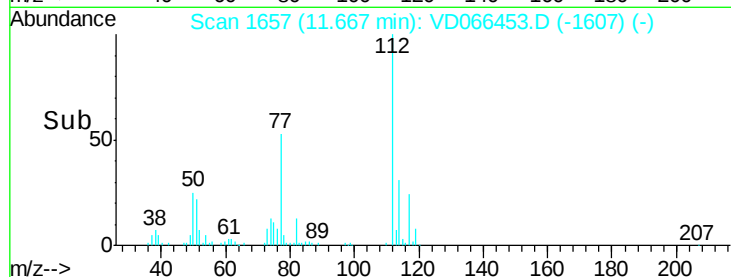
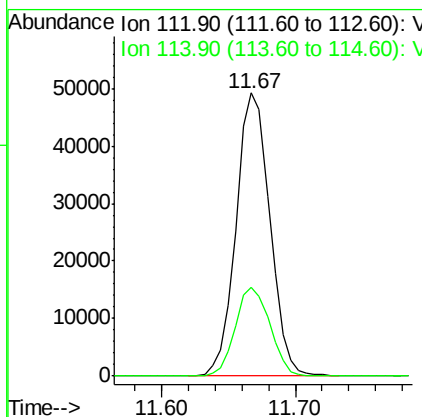
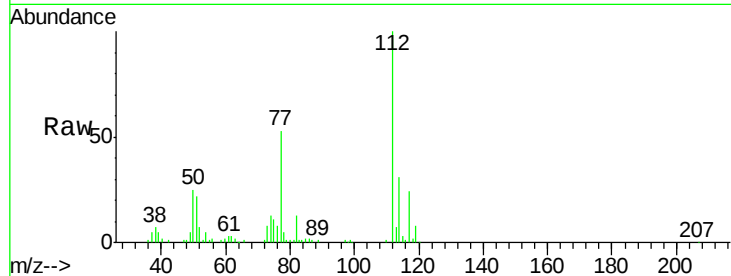
#65
Chlorobenzene
Concen: 20.828 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.1	37.7

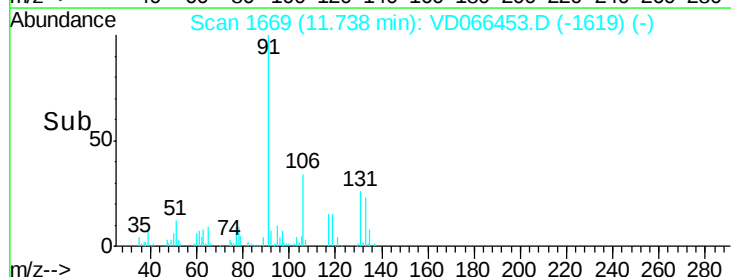
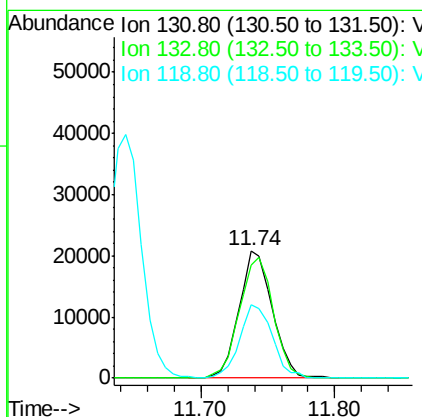
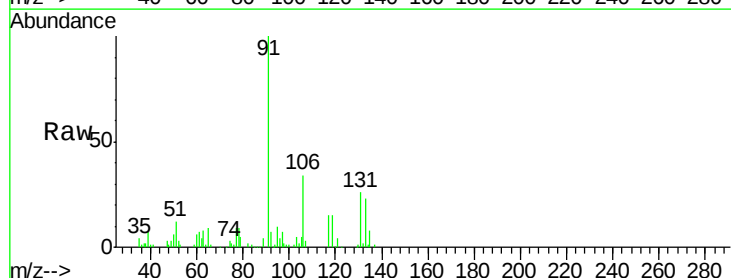
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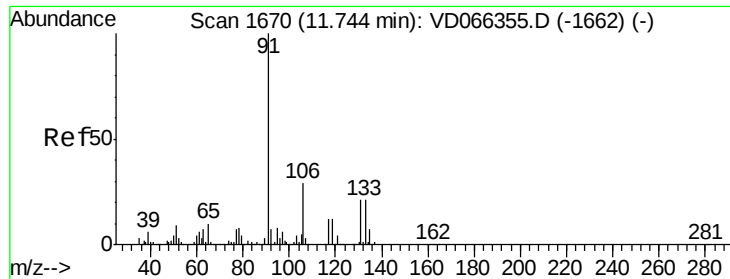
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.304 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.6	145.9
119	56.6	29.0	87.1





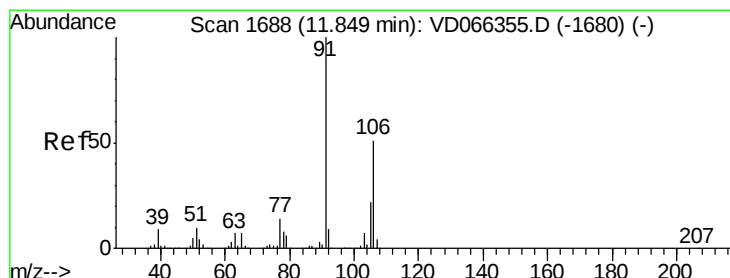
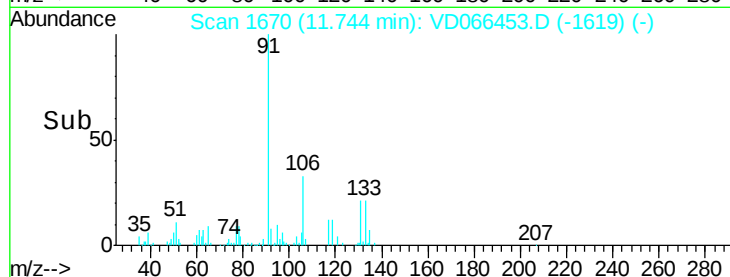
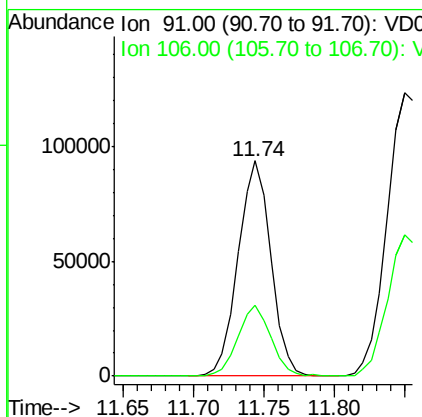
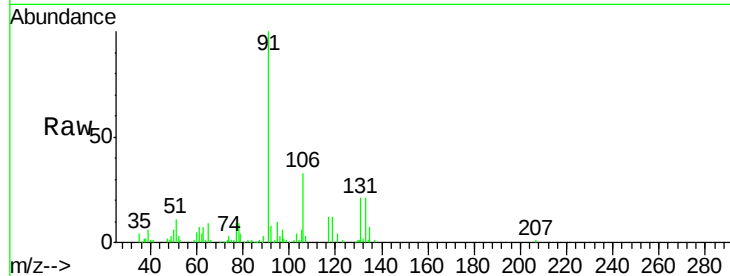
#67
Ethyl Benzene
Concen: 20.907 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.9	23.4	35.2

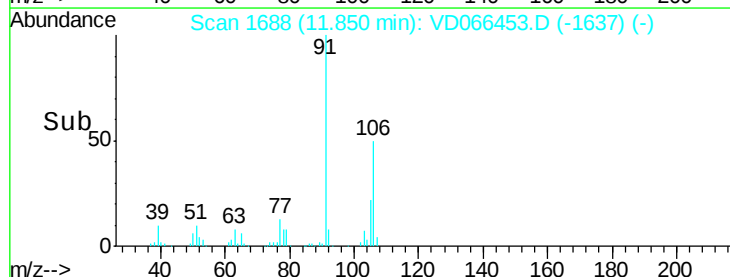
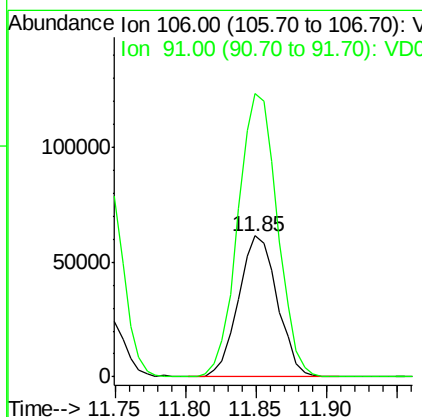
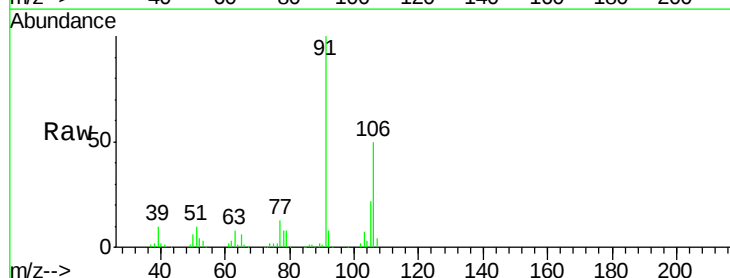
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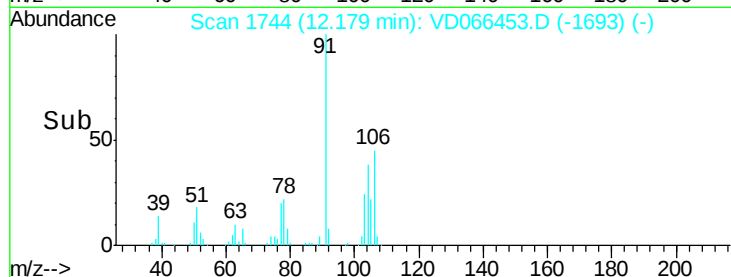
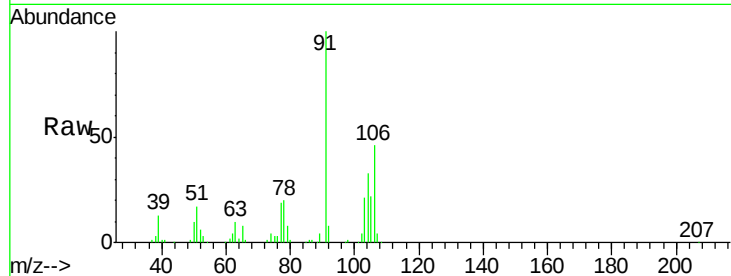
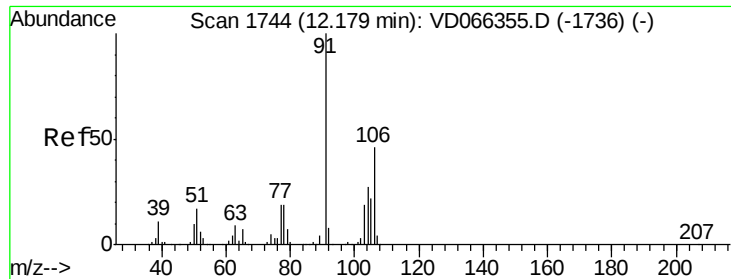
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#68
m/p-Xylenes
Concen: 42.572 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.1	160.7	241.1





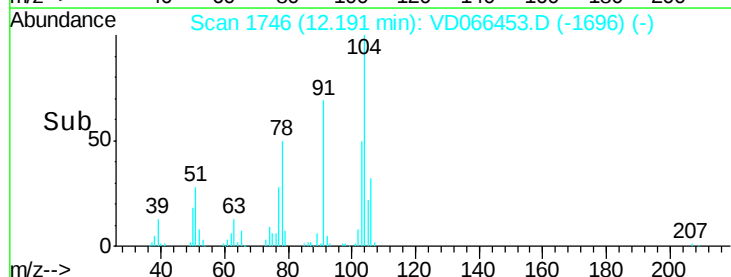
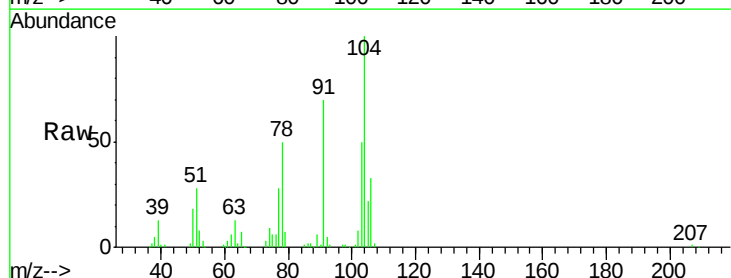
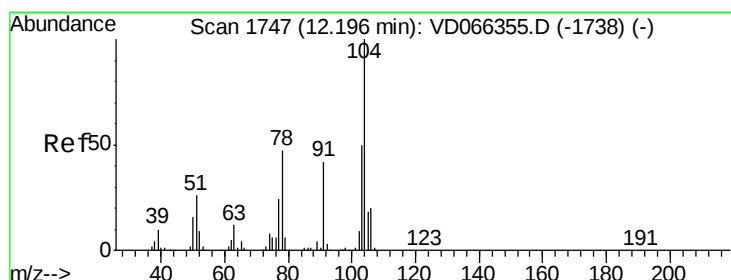
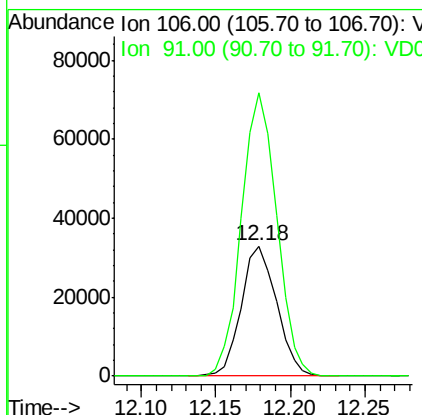
#69
o-Xylene
Concen: 20.916 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tot Ion:106 Resp: 54046
Ion Ratio Lower Upper
106 100
91 218.0 109.1 327.3

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

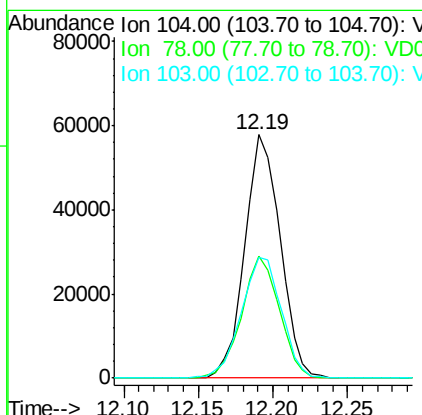
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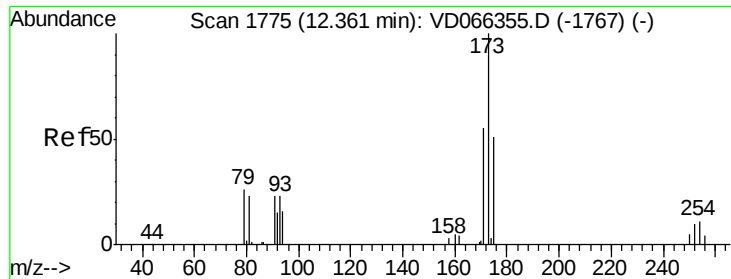
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#70
Styrene
Concen: 21.457 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion:104 Resp: 95200
Ion Ratio Lower Upper
104 100
78 53.5 41.7 62.5
103 56.0 43.5 65.3





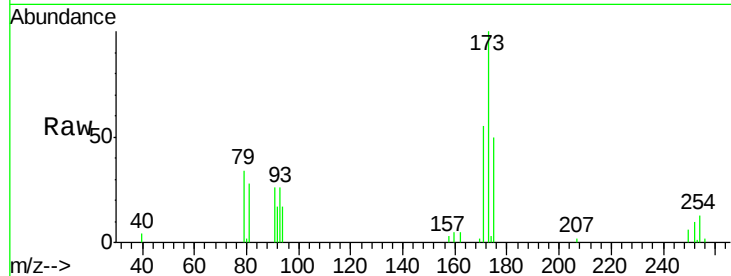
#71
Bromoform
Concen: 21.756 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

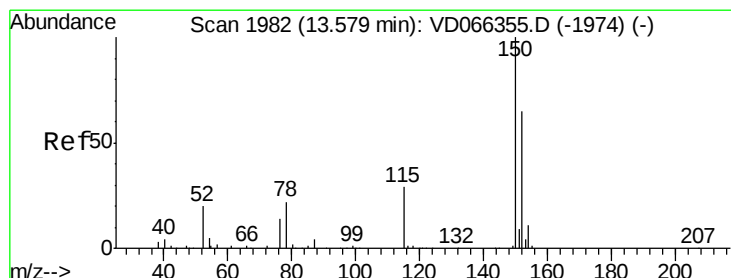
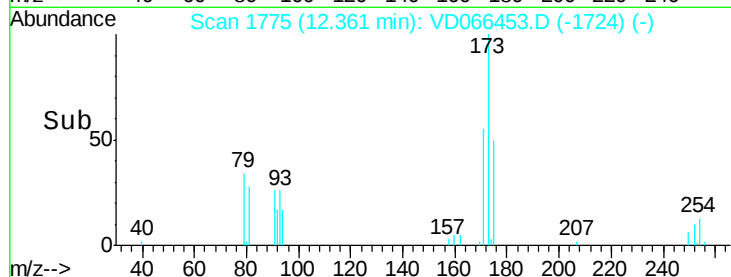
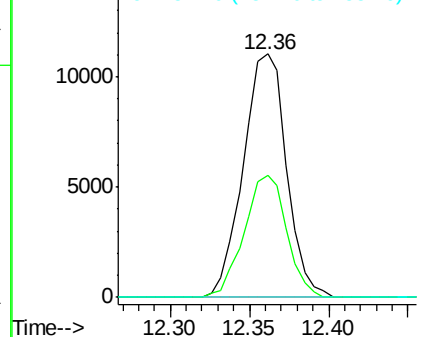
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.8	74.3
254	0.0	0.0	0.0

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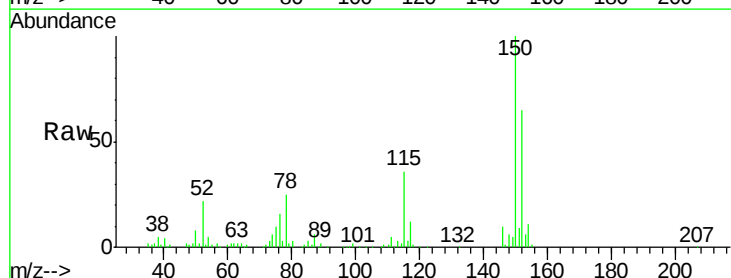


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

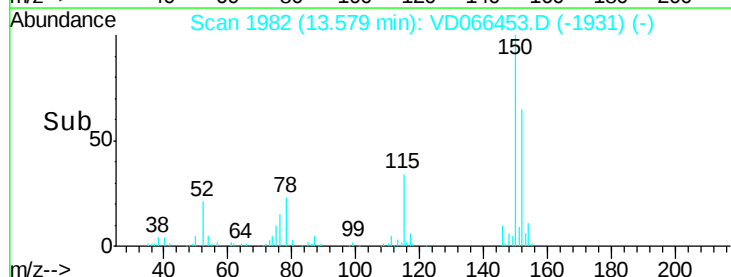
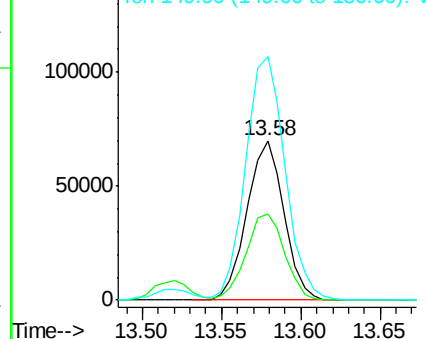


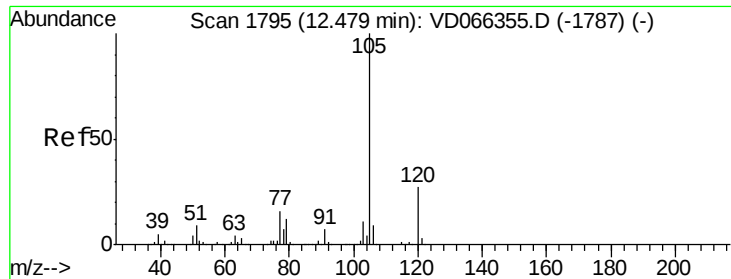
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.3	85.0
150	163.2	0.0	343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





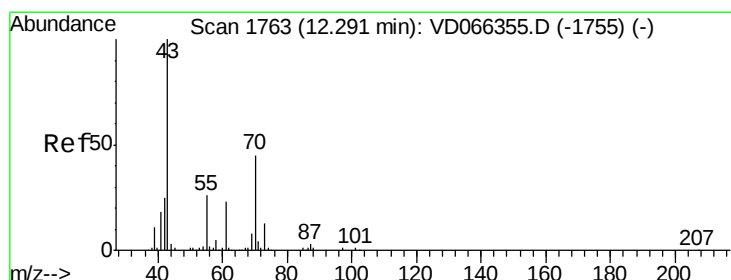
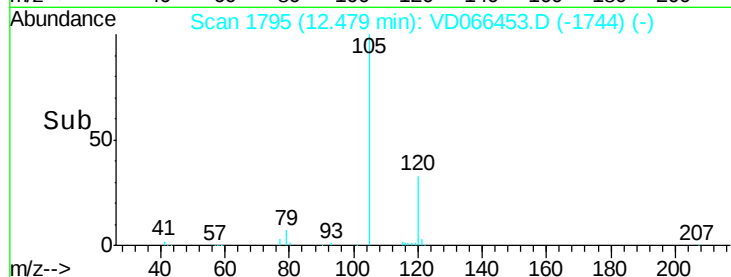
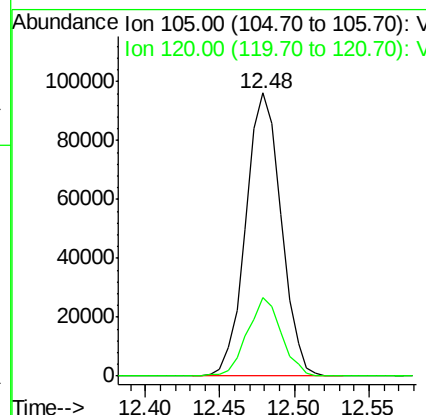
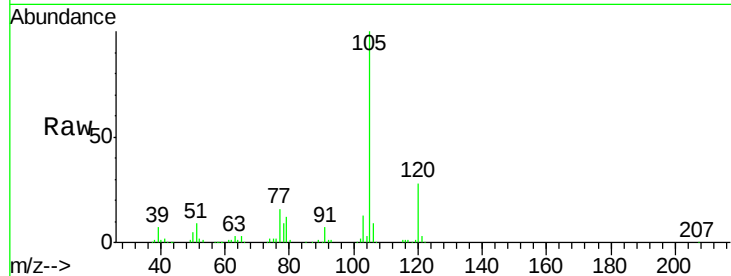
#73
Isopropylbenzene
Concen: 20.827 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.6	40.8

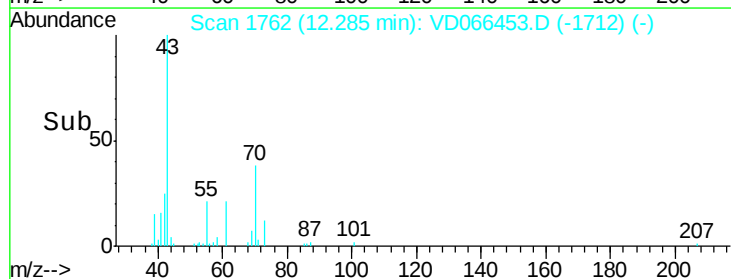
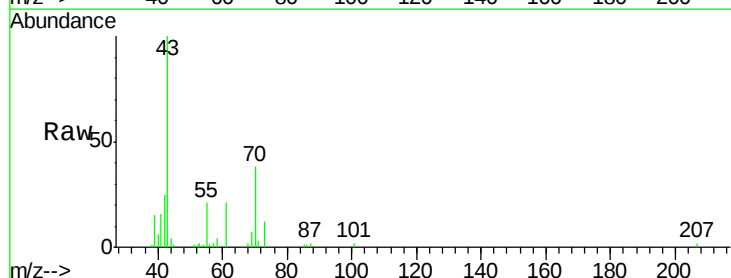
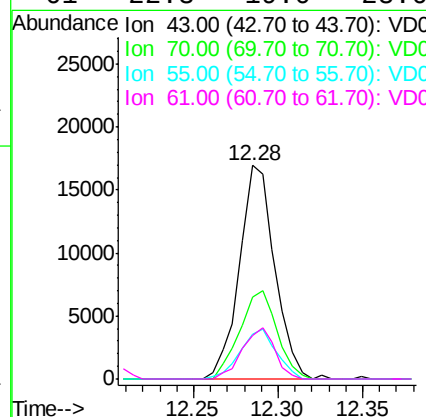
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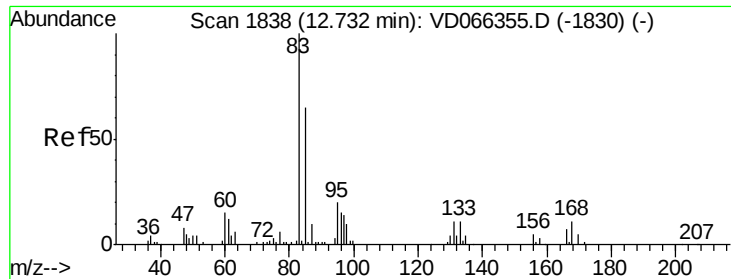
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#74
N-ethyl acetate
Concen: 18.073 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.7	34.8	52.2
55	23.7	20.3	30.5
61	22.3	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.619 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

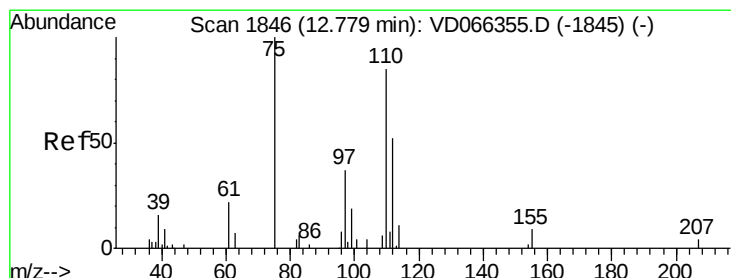
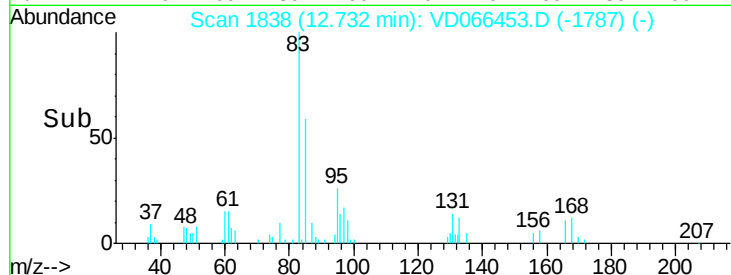
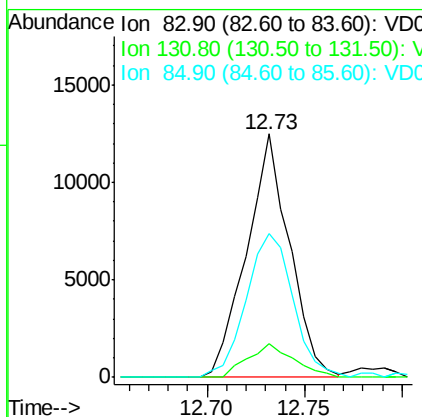
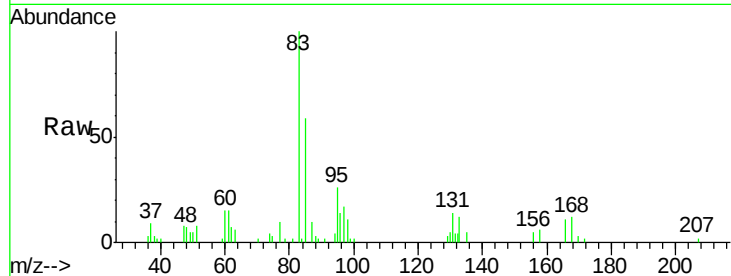
ClientSampleId :

VD0828SBS01

Tot Ion:	83	Resp:	19075
Ion Ratio	Lower	Upper	
83	100		
131	14.6	7.0	20.9
85	64.2	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 21.860 ug/l m

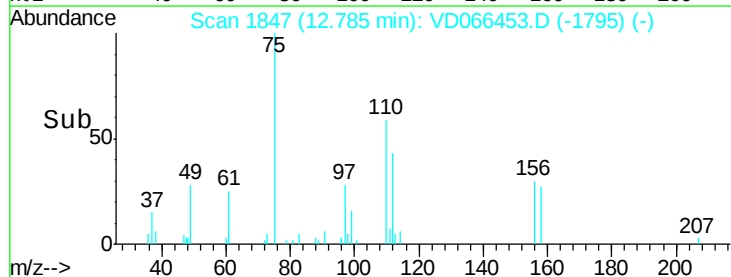
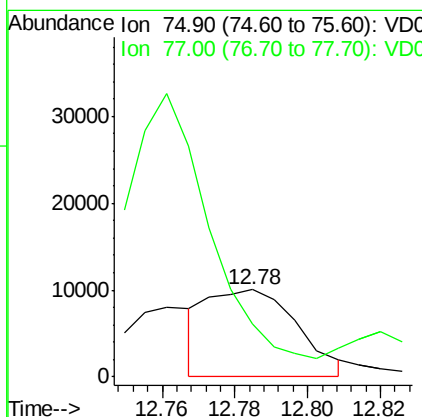
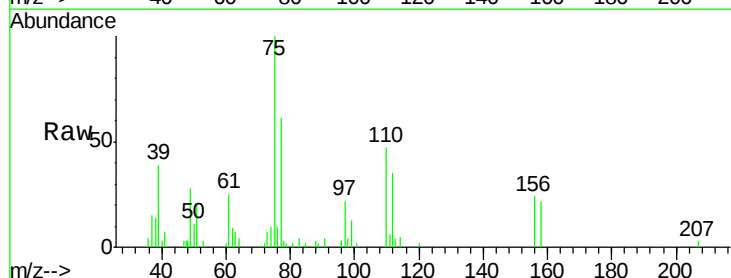
RT: 12.78 min Scan# 1847

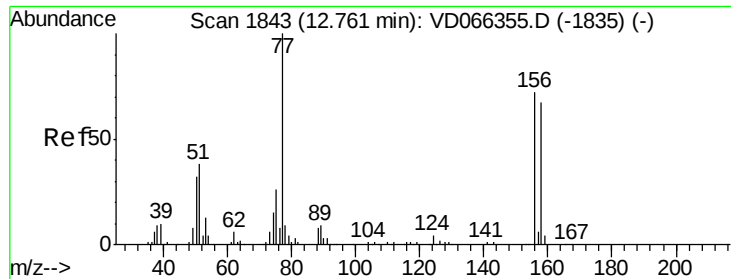
Delta R.T. 0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:	75	Resp:	17398
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 20.812 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion:156 Resp: 40033

Ion Ratio Lower Upper

156 100

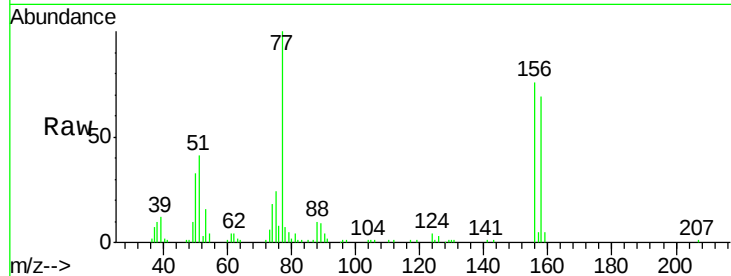
77 146.1 76.1 228.3

158 97.3 47.6 142.9

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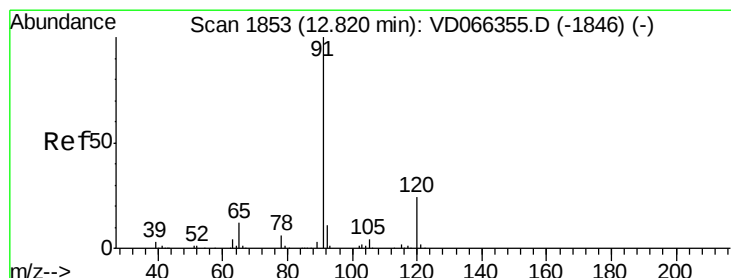
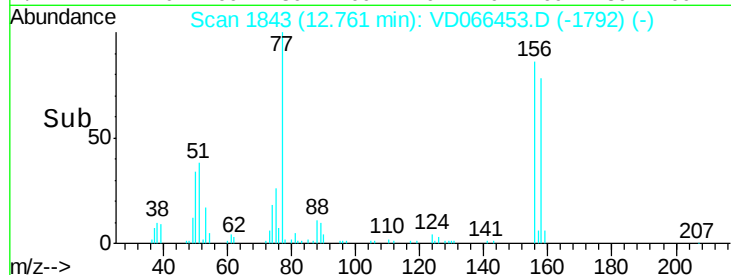
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

12.76

Time-->



#78

n-propylbenzene

Concen: 20.166 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066453.D

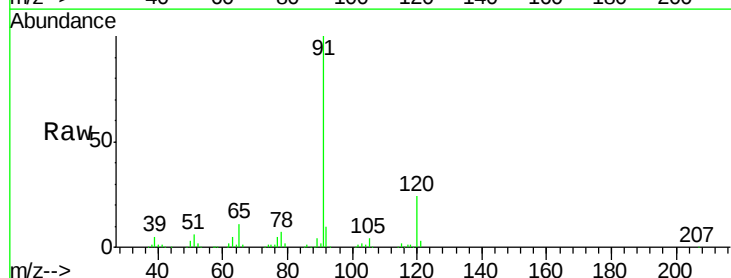
Acq: 28 Aug 2020 12:10

Tgt Ion: 91 Resp: 175236

Ion Ratio Lower Upper

91 100

120 24.7 12.0 36.0

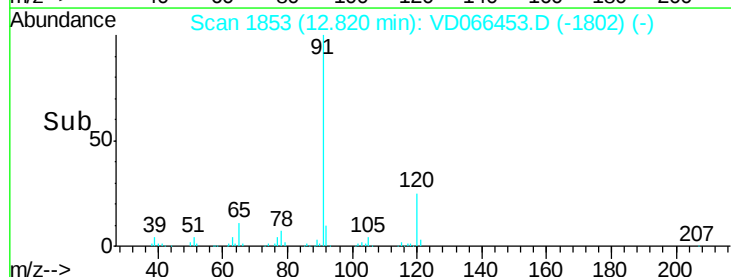


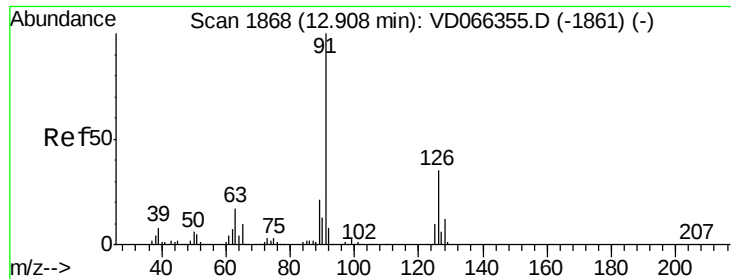
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.82

Time-->





#79

2-Chlorotoluene

Concen: 19.877 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 91 Resp: 98651

Ion Ratio Lower Upper

91 100

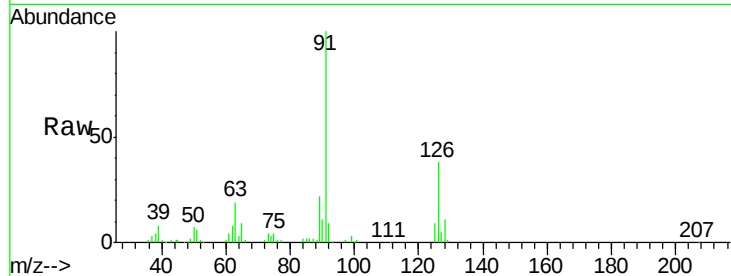
126 37.9 17.7 53.1

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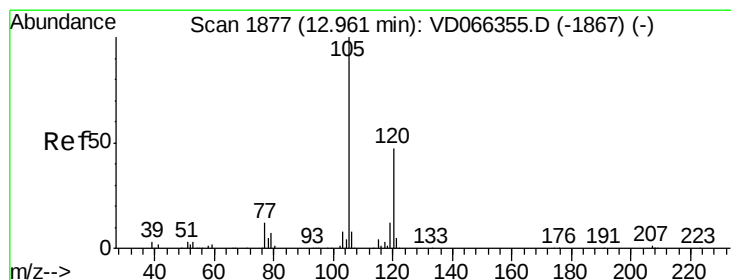
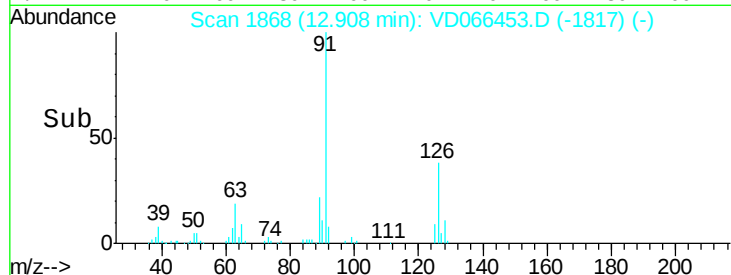
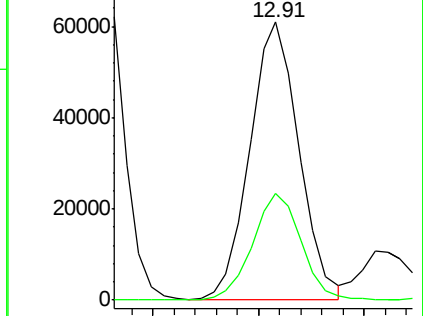
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Abundance Ion 91.00 (90.70 to 91.70): VD066453.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066453.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.501 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066453.D

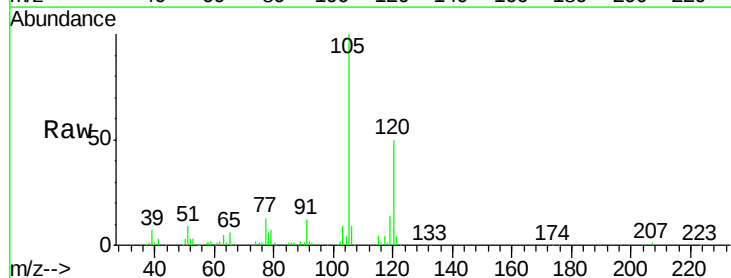
Acq: 28 Aug 2020 12:10

Tgt Ion:105 Resp: 134148

Ion Ratio Lower Upper

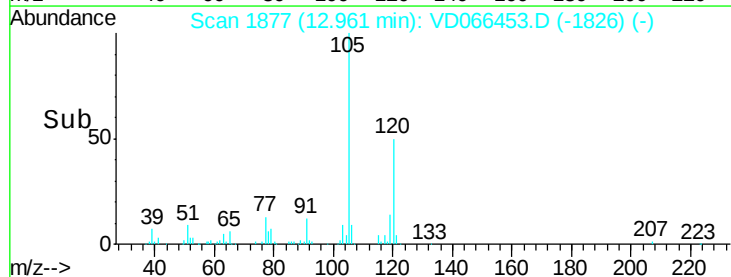
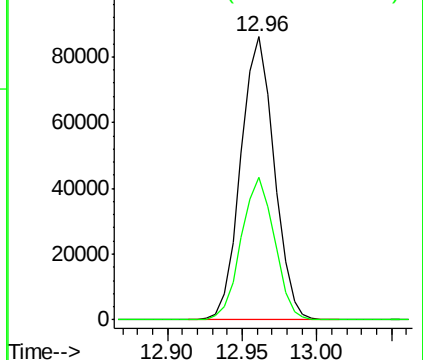
105 100

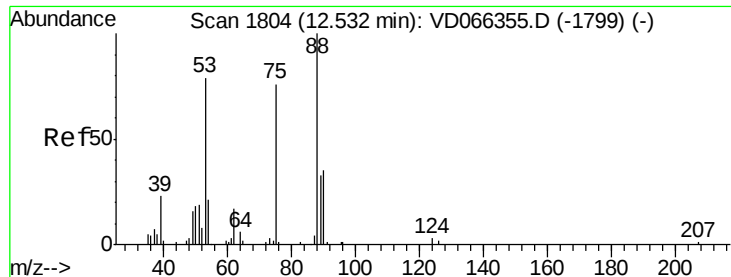
120 49.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066453.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066453.D (-1826) (-)





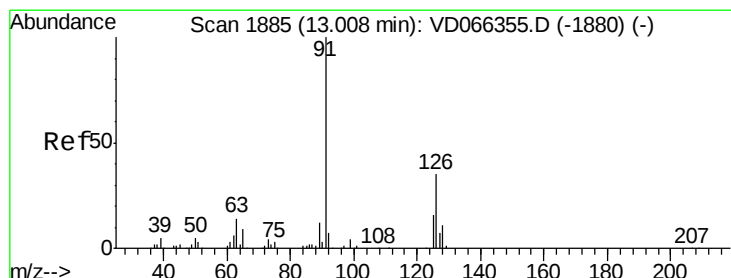
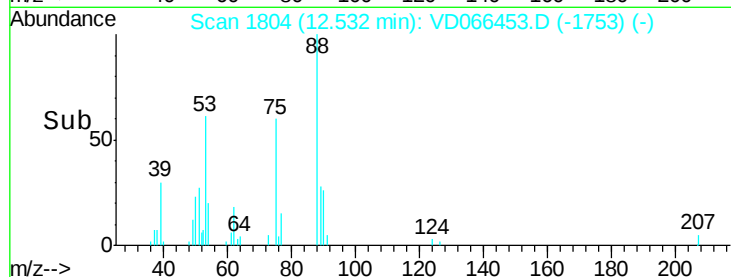
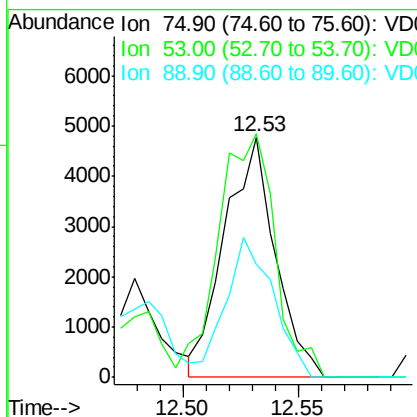
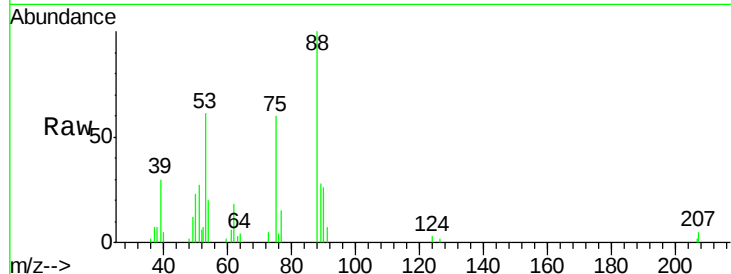
#81
trans-1,4-Dichloro-2-butene
Concen: 19.381 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.9	87.4	131.2
89	55.3	39.4	59.0

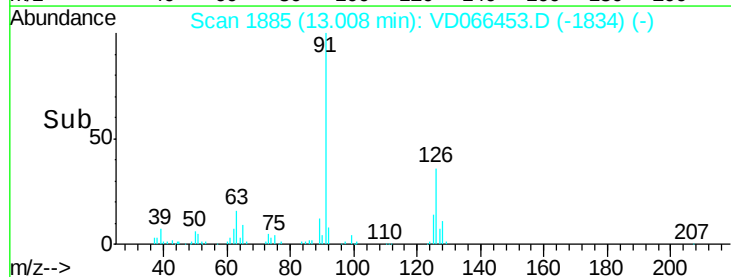
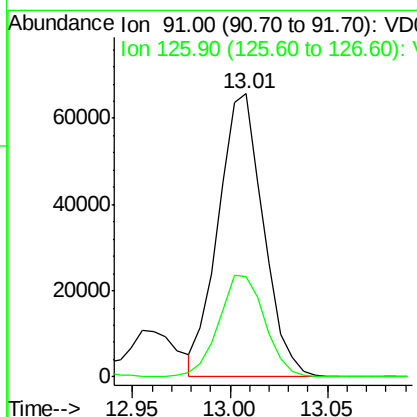
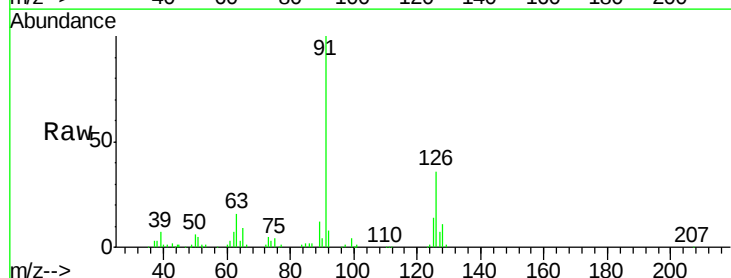
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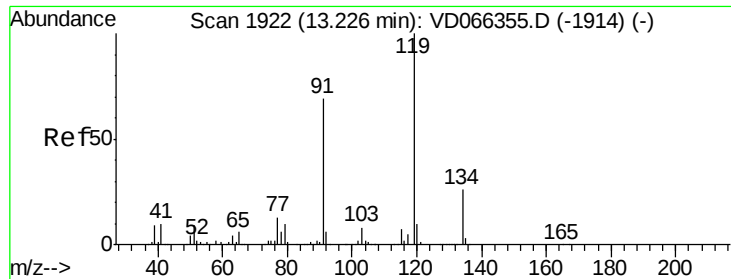
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#82
4-Chlorotoluene
Concen: 19.978 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	17.4	52.2





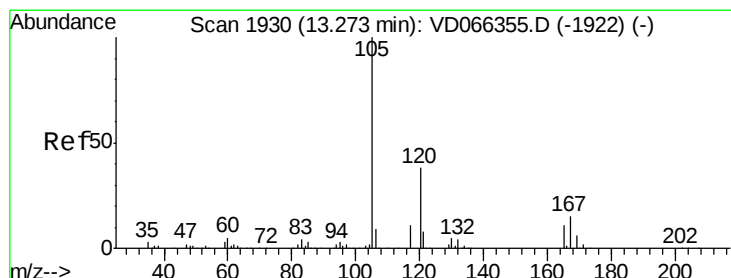
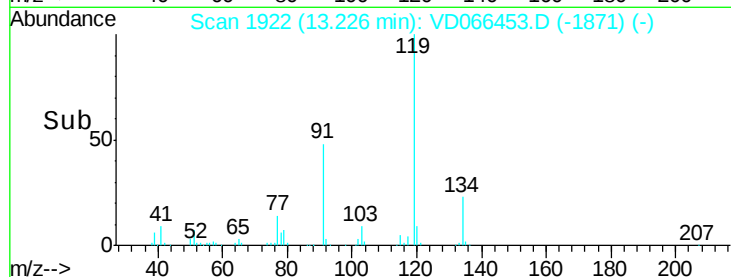
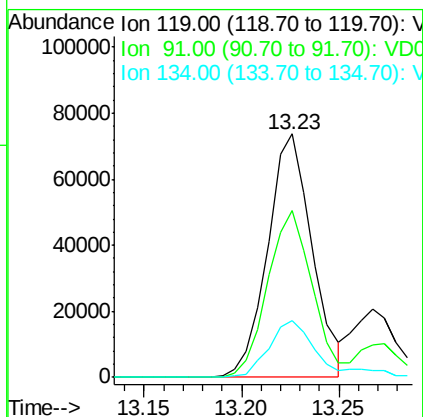
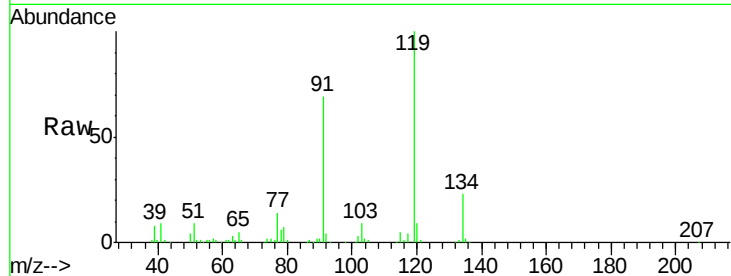
#83
tert-Butylbenzene
Concen: 20.540 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	116744		
91	69.5		33.5	100.5
134	25.9		13.5	40.4

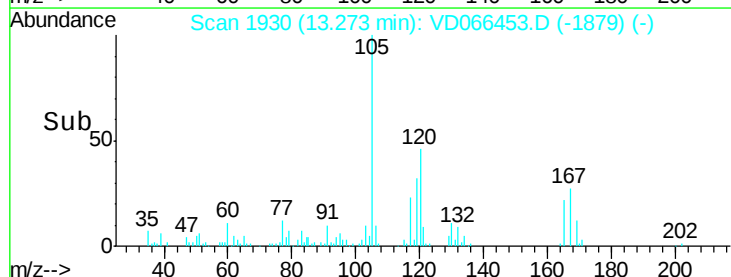
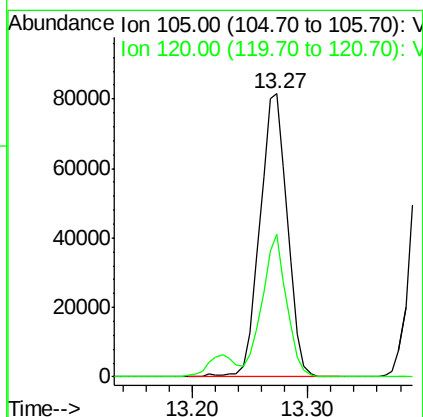
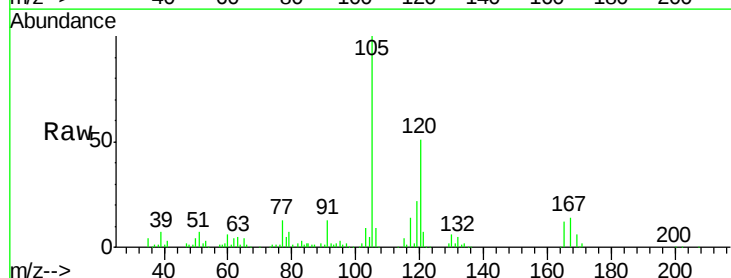
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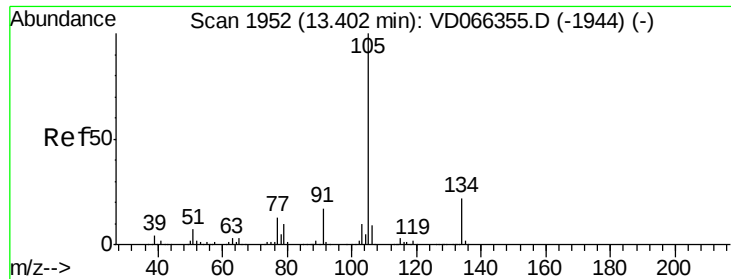
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#84
1,2,4-Trimethylbenzene
Concen: 21.072 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	135431		
120	45.0		22.6	67.7





#85

sec-Butylbenzene

Concen: 20.510 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion:105 Resp: 152729

Ion Ratio Lower Upper

105 100

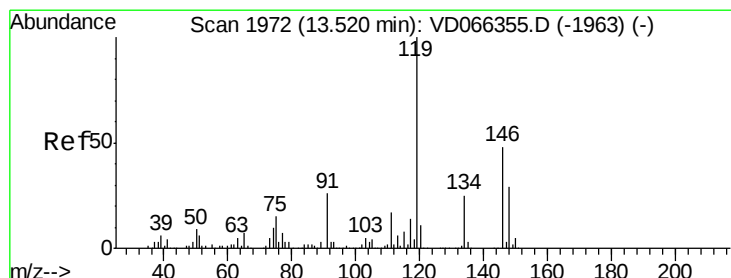
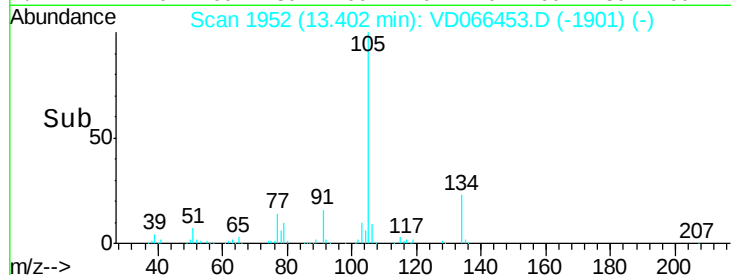
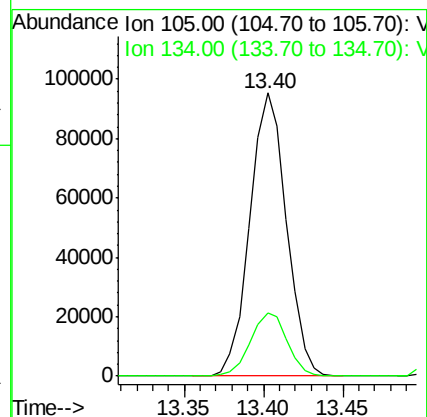
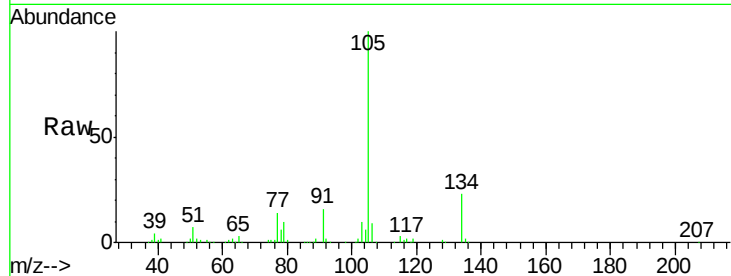
134 22.5 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.706 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

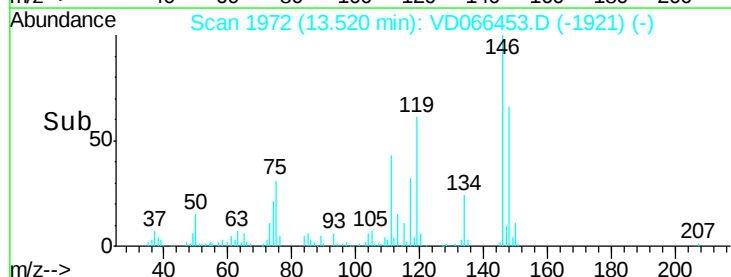
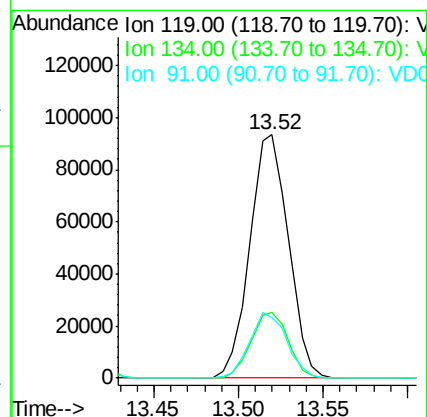
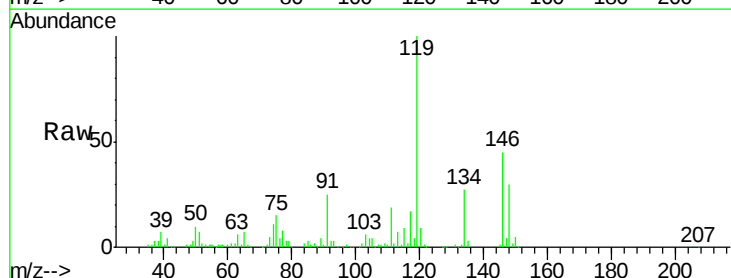
Tgt Ion:119 Resp: 148675

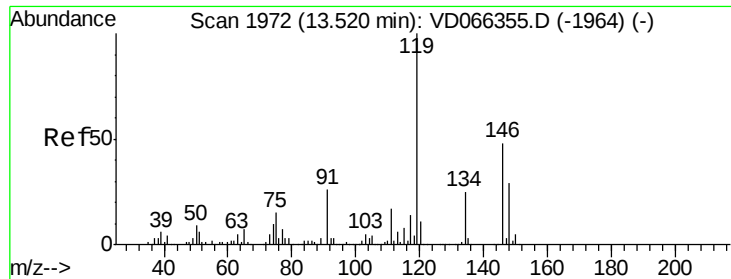
Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

91 26.1 12.7 38.0





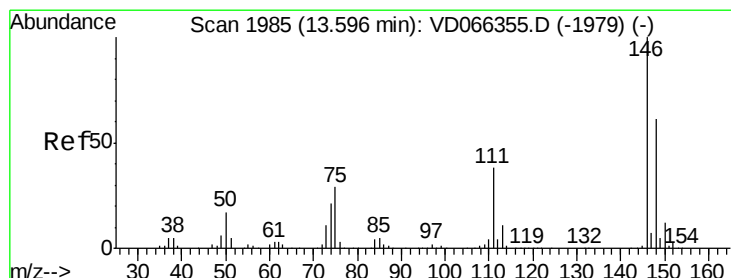
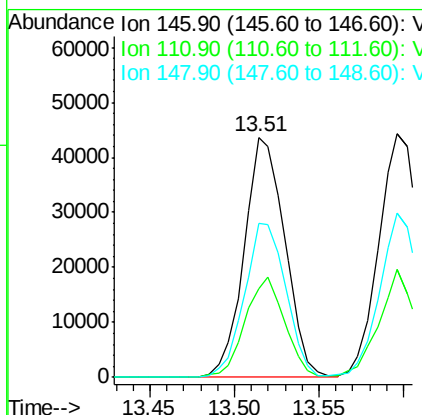
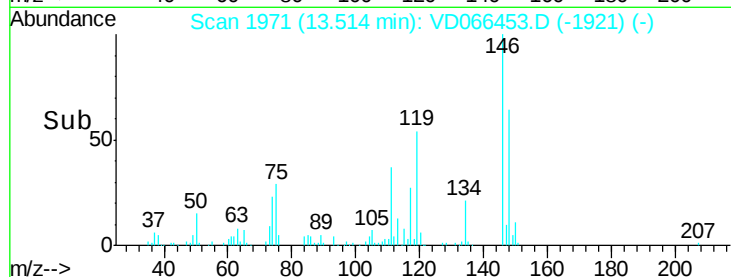
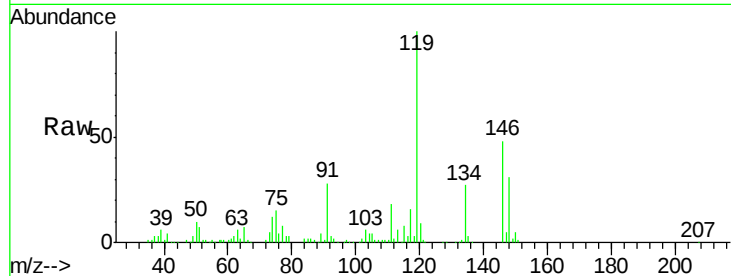
#87
 1,3-Dichlorobenzene
 Concen: 20.405 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.9	56.9
148	65.6	31.8	95.3

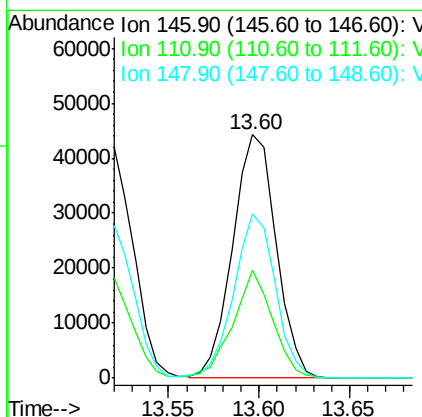
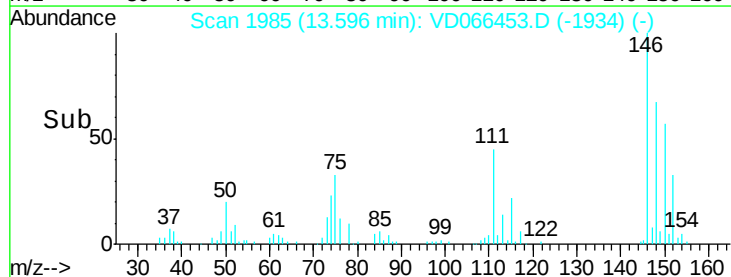
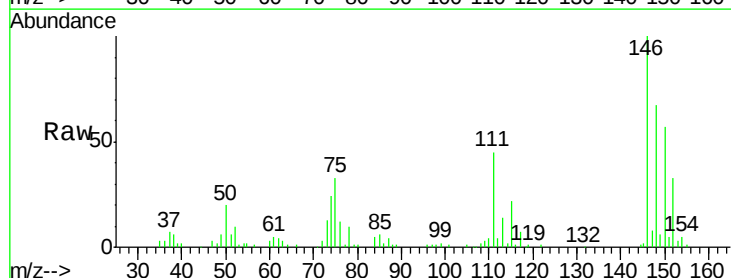
Manual Integrations
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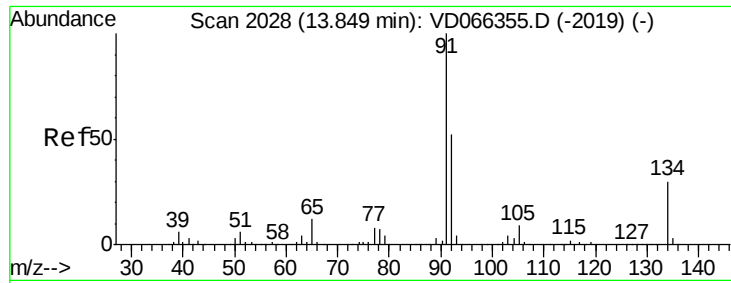
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#88
 1,4-Dichlorobenzene
 Concen: 20.523 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.1	57.5
148	64.7	32.1	96.3





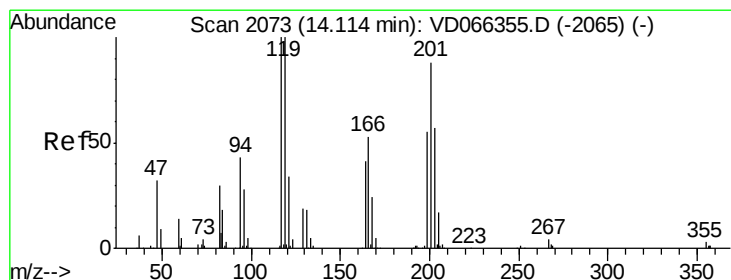
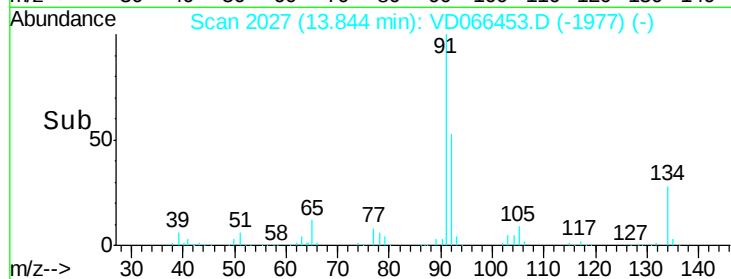
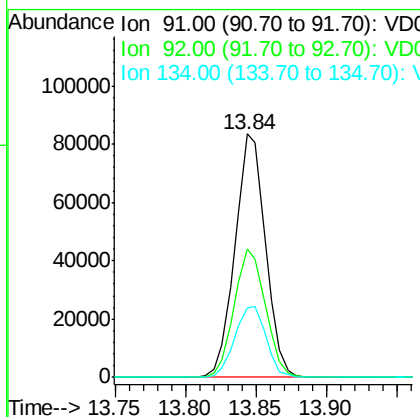
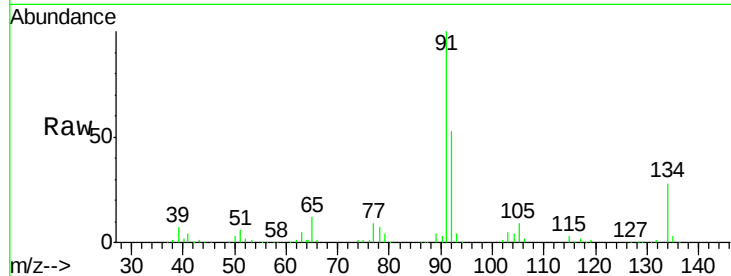
#89
n-Butylbenzene
Concen: 19.805 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	125494		
92	54.0	26.4	79.0	
134	29.8	14.4	43.4	

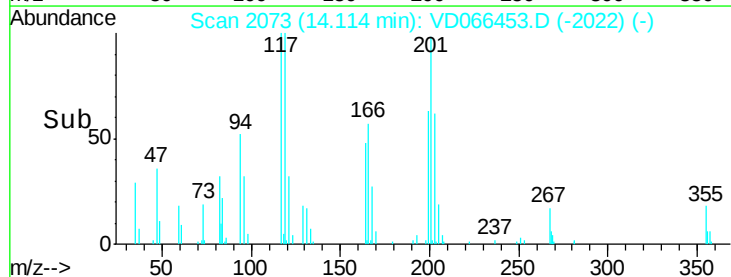
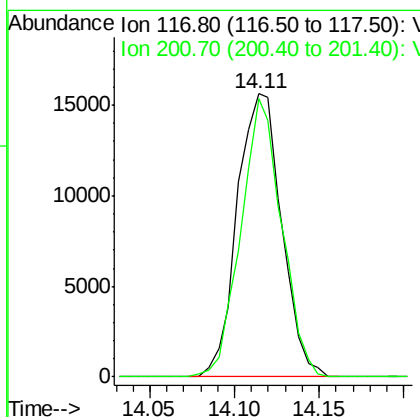
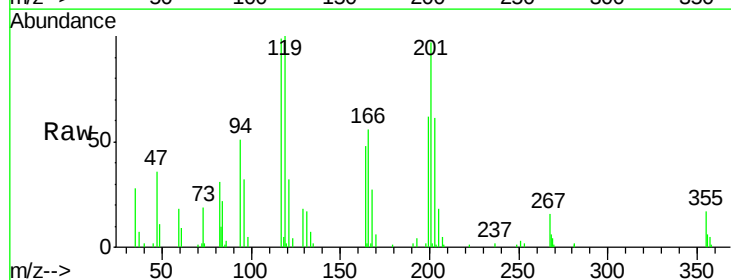
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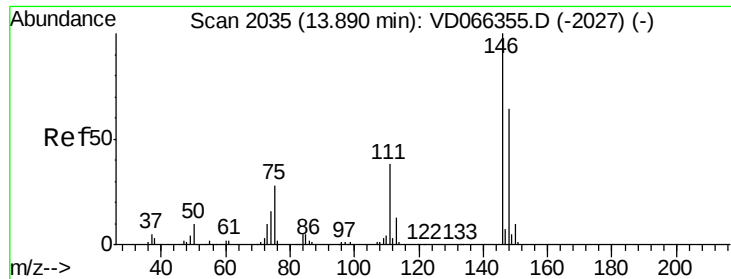
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#90
Hexachloroethane
Concen: 20.039 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28424		
201	90.8	45.4	136.2	





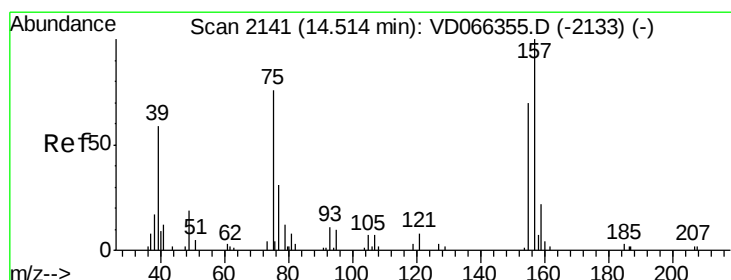
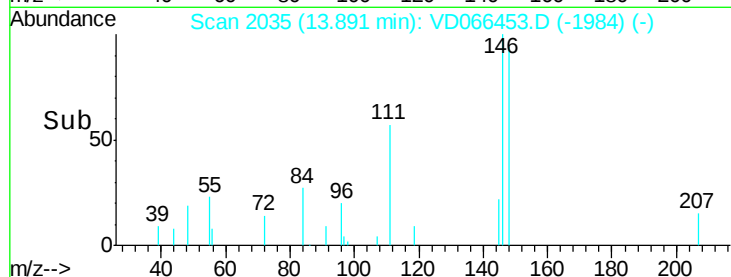
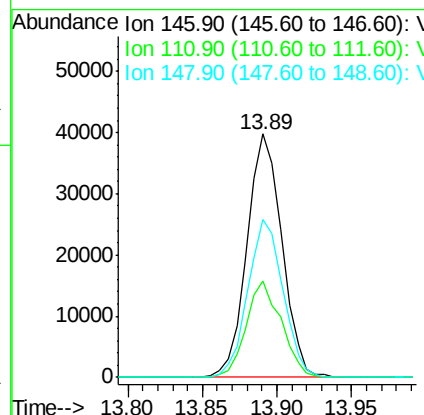
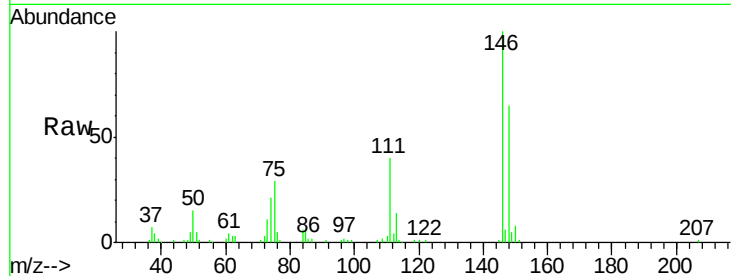
#91
 1,2-Dichlorobenzene
 Concen: 20.805 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	65.4	32.6	97.8

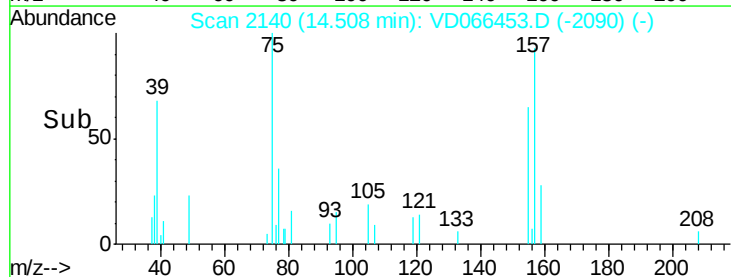
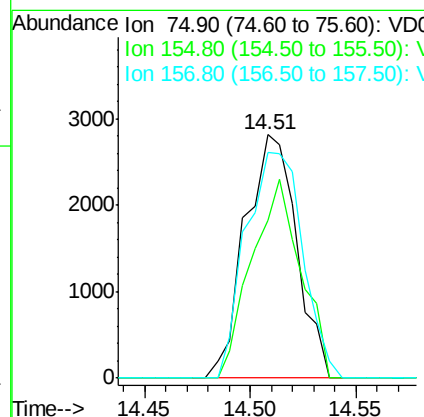
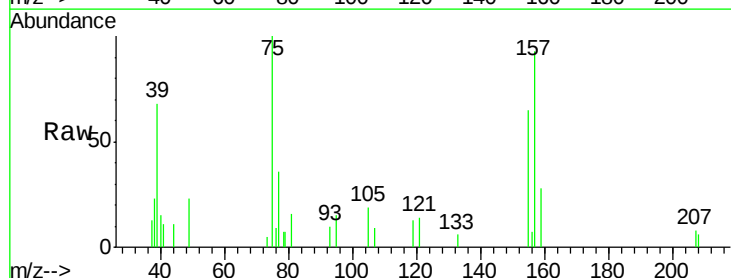
Manual Integrations
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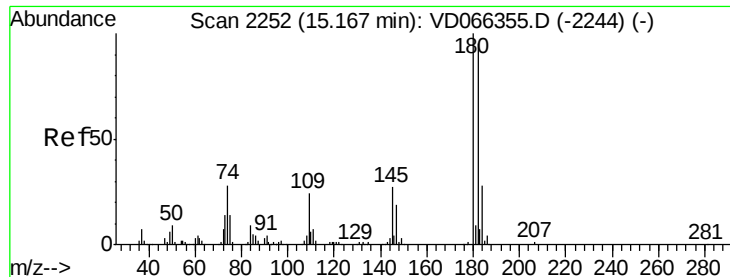
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 8/31/2020 11:58:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.831 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	46.9	140.6
157	103.0	61.0	183.0





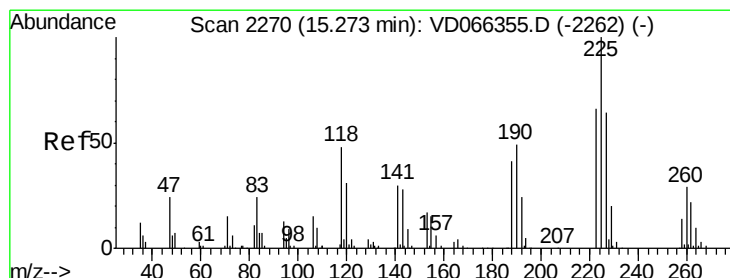
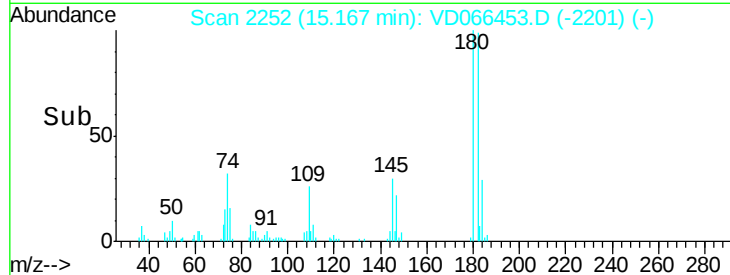
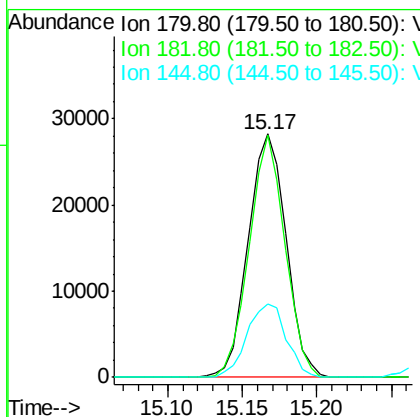
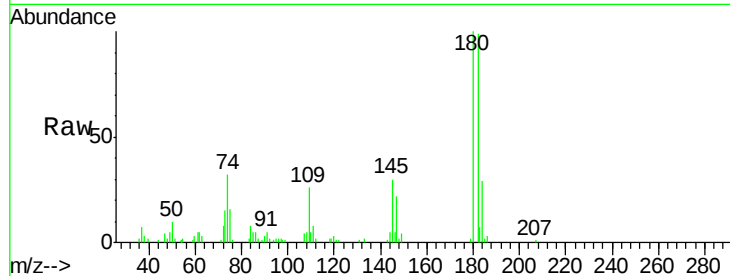
#93
 1,2,4-Trichlorobenzene
 Concen: 20.528 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	49537		
182	93.5	48.0	144.0	
145	31.2	15.2	45.6	

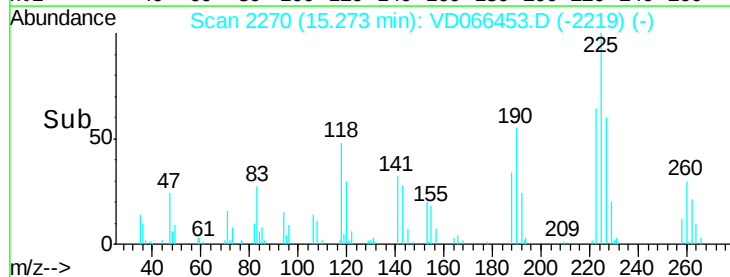
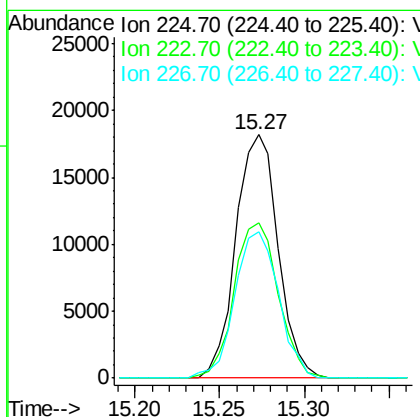
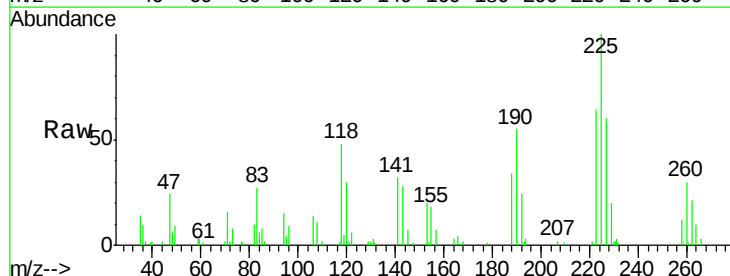
Manual Integrations
 APPROVED

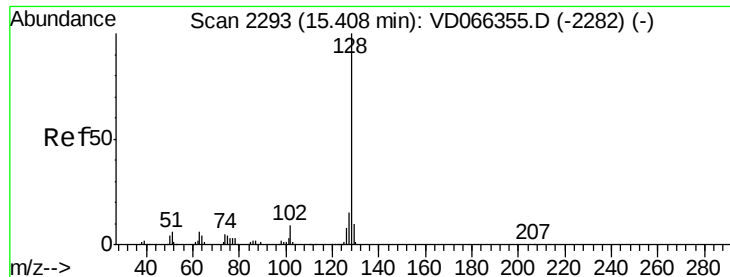
MMDadoda
 8/31/2020 11:58:43 AM



#94
 Hexachlorobutadiene
 Concen: 21.092 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31631		
223	66.7	32.5	97.4	
227	62.2	33.0	98.9	





#95

Naphthalene

Concen: 19.998 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

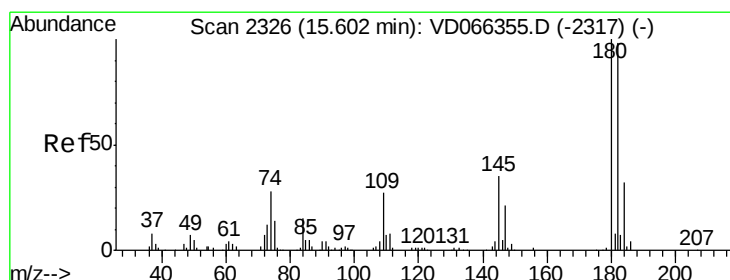
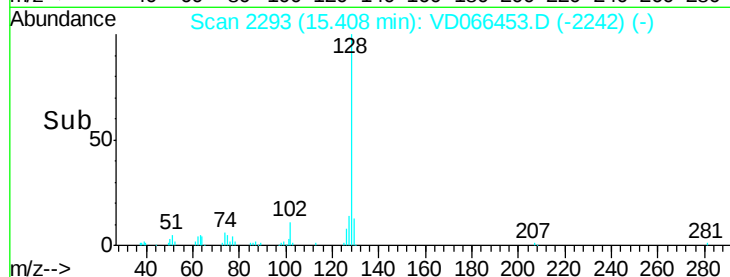
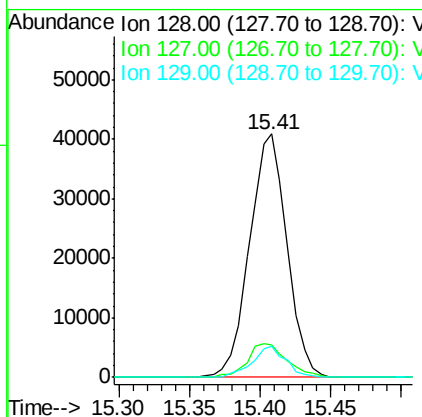
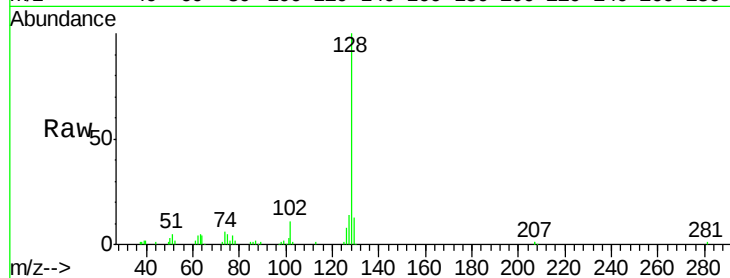
ClientSampleId :

VD0828SBS01

Tot Ion:	128	Resp:	75795
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.7	16.1
129	11.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/31/2020 11:58:43 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.224 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:	180	Resp:	41808
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.7	140.0
145	33.6	16.0	48.0

