

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066667.D
 Acq On : 14 Sep 2020 12:26
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Manual Integrations
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 9/15/2020 2:27:48 PM

Quant Time: Sep 15 01:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	384124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	568950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	231303	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.91	113	218203	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.34	98	806557	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.63	95	270081	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75973	21.722	ug/l	91
3) Chloromethane	2.21	50	95491	19.657	ug/l	93
4) Vinyl Chloride	2.35	62	92173	17.107	ug/l	96
5) Bromomethane	2.76	94	64741	15.904	ug/l	88
6) Chloroethane	2.92	64	57605	16.833	ug/l	94
7) Trichlorofluoromethane	3.27	101	159369	20.023	ug/l	91
8) Diethyl Ether	3.70	74	41265	20.588	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	88175	20.469	ug/l	98
10) Methyl Iodide	4.29	142	76818	22.001	ug/l	95
11) Tert butyl alcohol	5.19	59	37842m	103.577	ug/l	
12) 1,1-Dichloroethene	4.07	96	79410	20.519	ug/l	86
13) Acrolein	3.92	56	15077	79.340	ug/l	96
14) Allyl chloride	4.71	41	127194	20.054	ug/l	98
15) Acrylonitrile	5.43	53	87989	102.195	ug/l	98
16) Acetone	4.15	43	91722	107.261	ug/l	97
17) Carbon Disulfide	4.41	76	254089	19.971	ug/l	99
18) Methyl Acetate	4.71	43	41122	20.173	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	182700	20.131	ug/l	95
20) Methylene Chloride	4.96	84	109150	19.366	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	93167	20.273	ug/l	96
22) Diisopropyl ether	6.36	45	271320	20.802	ug/l	98
23) Vinyl Acetate	6.30	43	741448	99.894	ug/l	100
24) 1,1-Dichloroethane	6.26	63	164666	20.076	ug/l	98
25) 2-Butanone	7.21	43	113286	98.688	ug/l #	85
26) 2,2-Dichloropropane	7.21	77	153104	20.350	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	101151	20.467	ug/l	99
28) Bromochloromethane	7.54	49	57750	18.288	ug/l	94
29) Tetrahydrofuran	7.57	42	71200	99.592	ug/l	98
30) Chloroform	7.71	83	178954	20.623	ug/l	95
31) Cyclohexane	7.98	56	154473	20.374	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	163007	19.980	ug/l	97
36) 1,1-Dichloropropene	8.11	75	135293	20.904	ug/l	100
37) Ethyl Acetate	7.28	43	45586	17.689	ug/l #	93
38) Carbon Tetrachloride	8.09	117	149644	21.875	ug/l	99

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Manual Integrations
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 9/15/2020 2:27:48 PM

Quant Time: Sep 15 01:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	151203	20.922	ug/l	97
40) Benzene	8.35	78	364983	20.591	ug/l	97
41) Methacrylonitrile	7.51	41	23382m	18.743	ug/l	
42) 1,2-Dichloroethane	8.42	62	116077	20.212	ug/l	100
43) Isopropyl Acetate	8.44	43	95787	19.395	ug/l	96
44) Trichloroethene	9.11	130	97483	20.966	ug/l	96
45) 1,2-Dichloropropane	9.38	63	94363	21.169	ug/l	93
46) Dibromomethane	9.47	93	51537	20.956	ug/l	96
47) Bromodichloromethane	9.66	83	137911	20.727	ug/l #	98
48) Methyl methacrylate	9.45	41	45958	18.403	ug/l	91
49) 1,4-Dioxane	9.47	88	10760	398.807	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	252727	101.466	ug/l	98
52) Toluene	10.40	92	242599	21.621	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	119954	20.422	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	146120	20.716	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	67473	21.338	ug/l	97
56) Ethyl methacrylate	10.66	69	74397	20.207	ug/l	97
57) 1,3-Dichloropropane	10.94	76	114419	20.659	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	202104	120.015	ug/l	97
59) 2-Hexanone	10.98	43	169786	101.366	ug/l	100
60) Dibromochloromethane	11.14	129	87323	20.884	ug/l	98
61) 1,2-Dibromoethane	11.25	107	64037	20.816	ug/l	97
64) Tetrachloroethene	10.87	164	82320	21.489	ug/l	88
65) Chlorobenzene	11.67	112	245271	20.887	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	92462	20.631	ug/l	99
67) Ethyl Benzene	11.74	91	444069	20.595	ug/l	98
68) m/p-Xylenes	11.86	106	341409	42.644	ug/l	98
69) o-Xylene	12.18	106	152536	21.260	ug/l	99
70) Styrene	12.20	104	270058	21.650	ug/l	100
71) Bromoform	12.36	173	45268	20.043	ug/l #	97
73) Isopropylbenzene	12.48	105	412733	20.839	ug/l	99
74) N-amyl acetate	12.29	43	87824	19.579	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73392	20.975	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	56836m	22.093	ug/l	
77) Bromobenzene	12.76	156	96475	21.849	ug/l	95
78) n-propylbenzene	12.82	91	513177	21.374	ug/l	100
79) 2-Chlorotoluene	12.91	91	286650	21.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	363478	21.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22858	20.743	ug/l	98
82) 4-Chlorotoluene	13.01	91	307891	21.376	ug/l	98
83) tert-Butylbenzene	13.23	119	284998	20.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	358929	21.627	ug/l	99
85) sec-Butylbenzene	13.40	105	415345	21.178	ug/l	100
86) p-Isopropyltoluene	13.52	119	379780	21.515	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	184981	21.102	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	185089	21.037	ug/l	97
89) n-Butylbenzene	13.84	91	361947	21.041	ug/l	98
90) Hexachloroethane	14.11	117	79700	20.954	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	161102	21.026	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11173	18.798	ug/l	89

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MSVOA_D
ClientSampleId :
VD0914SBS01

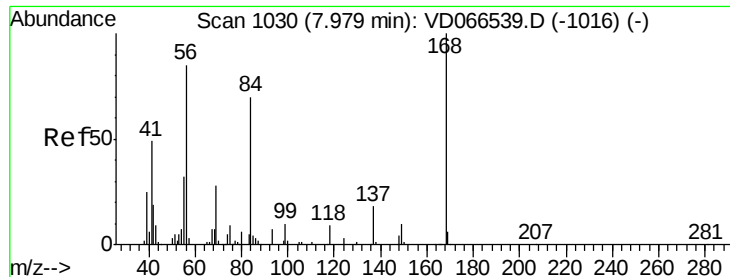
Manual Integrations
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Quant Time: Sep 15 01:43:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	100732	21.906	ug/l	98
94) Hexachlorobutadiene	15.27	225	56585	20.483	ug/l	98
95) Naphthalene	15.41	128	167148	20.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85569	21.827	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion:168 Resp: 384124

Ion Ratio Lower Upper

168 100

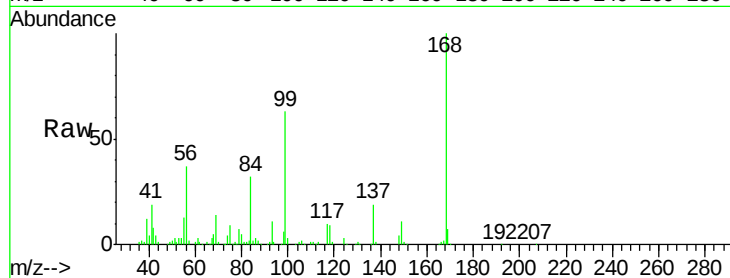
99 62.7 50.5 75.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

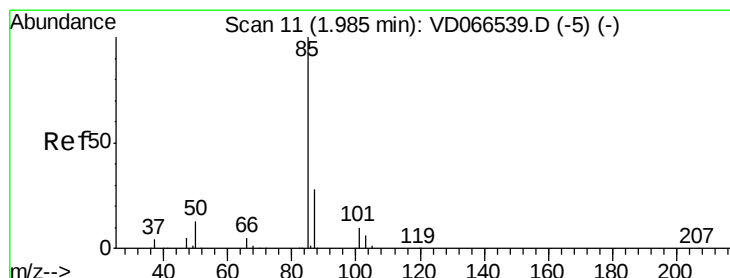
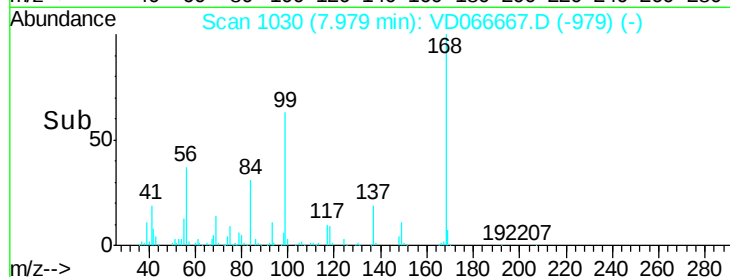
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.722 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066667.D

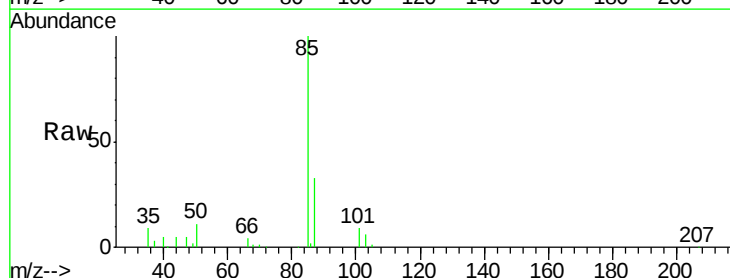
Acq: 14 Sep 2020 12:26

Tgt Ion: 85 Resp: 75973

Ion Ratio Lower Upper

85 100

87 33.2 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

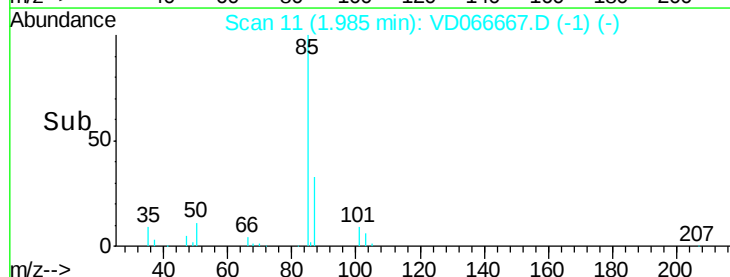
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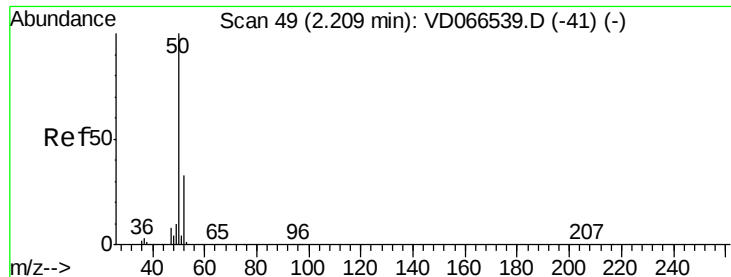
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.657 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 50 Resp: 95491

Ion Ratio Lower Upper

50 100

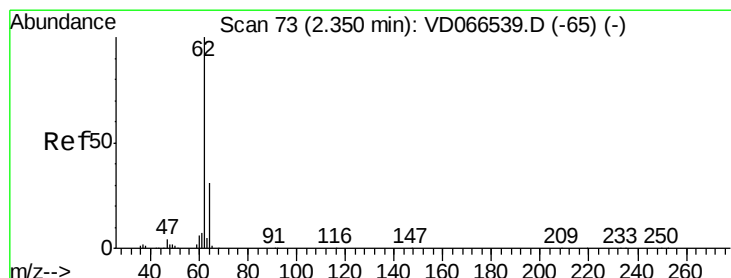
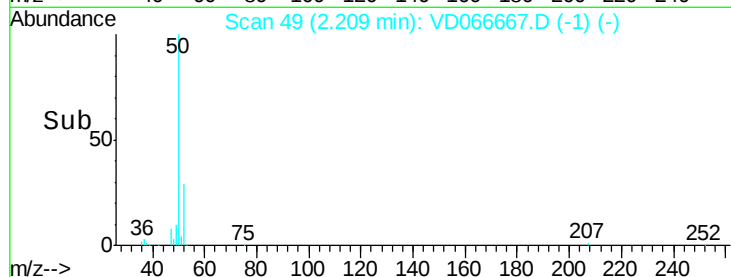
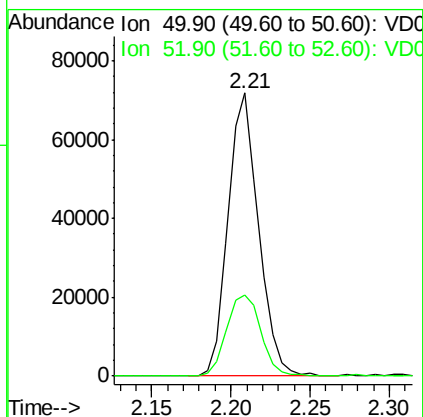
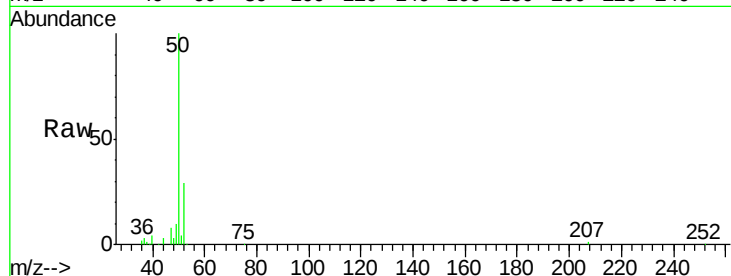
52 28.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.107 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066667.D

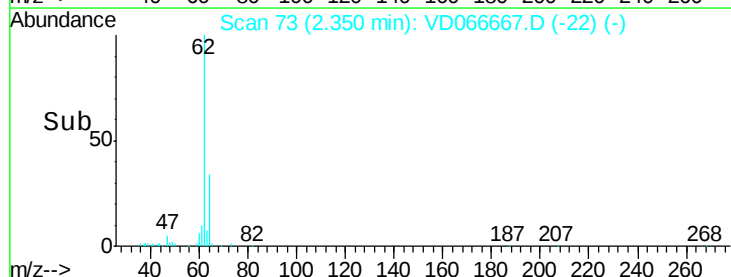
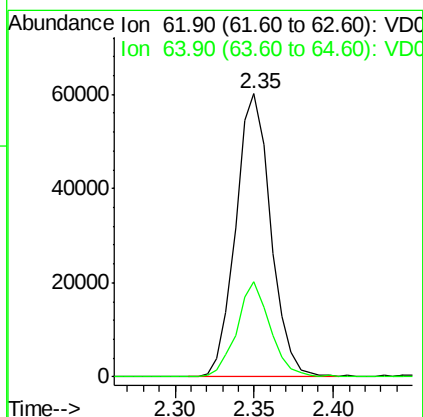
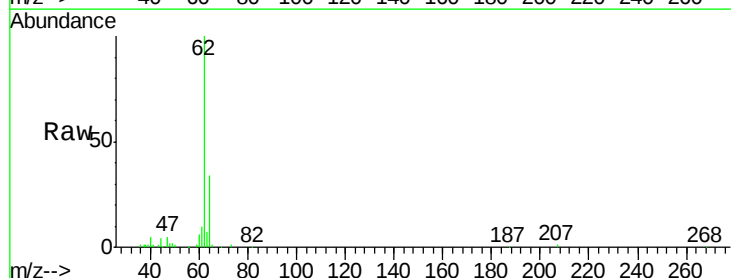
Acq: 14 Sep 2020 12:26

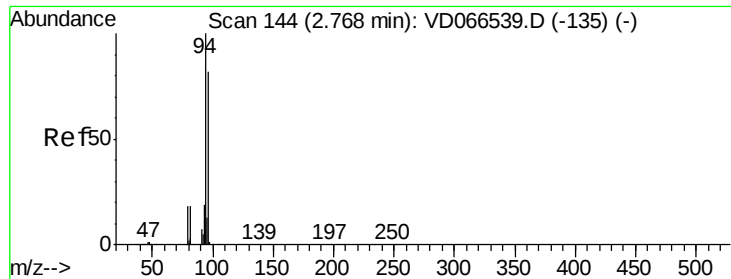
Tgt Ion: 62 Resp: 92173

Ion Ratio Lower Upper

62 100

64 33.6 25.3 37.9





#5

Bromomethane

Concen: 15.904 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 94 Resp: 64741

Ion Ratio Lower Upper

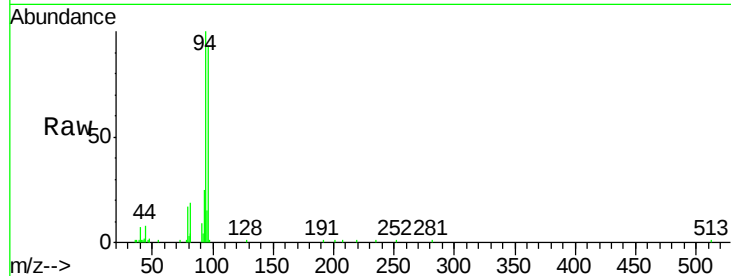
94 100

96 92.6 65.2 97.8

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

30000

25000

20000

15000

10000

5000

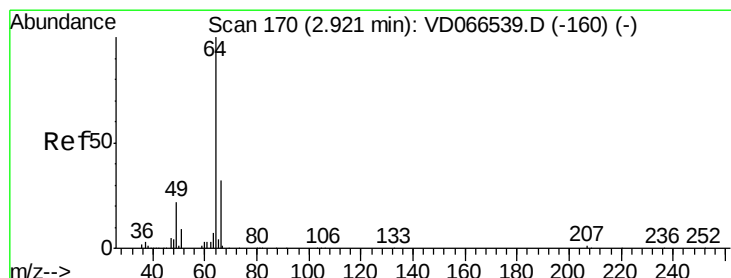
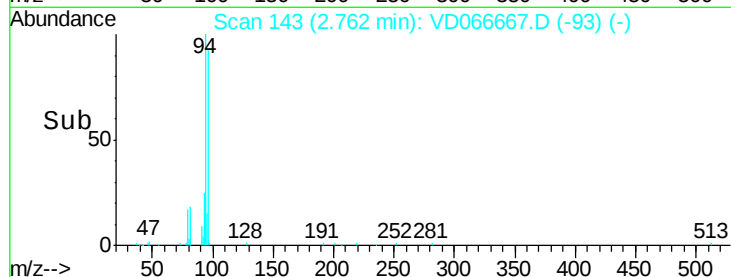
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 16.833 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066667.D

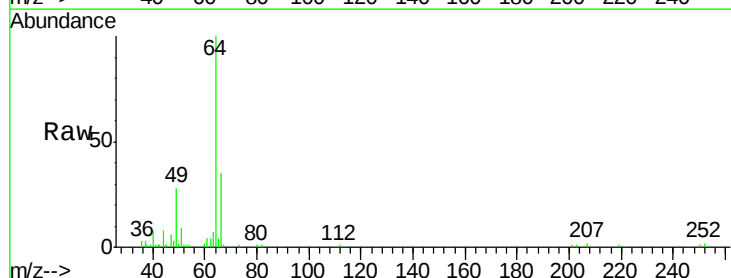
Acq: 14 Sep 2020 12:26

Tgt Ion: 64 Resp: 57605

Ion Ratio Lower Upper

64 100

66 35.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

25000

20000

15000

10000

5000

0

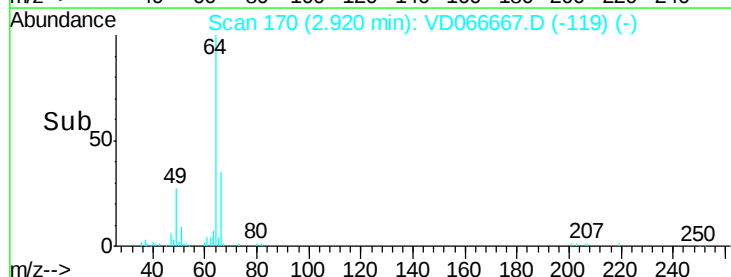
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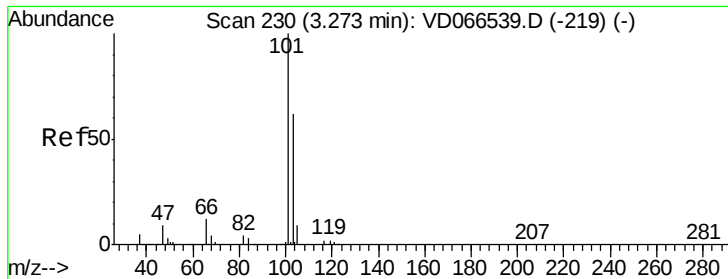
2.85

2.90

2.95

3.00





#7

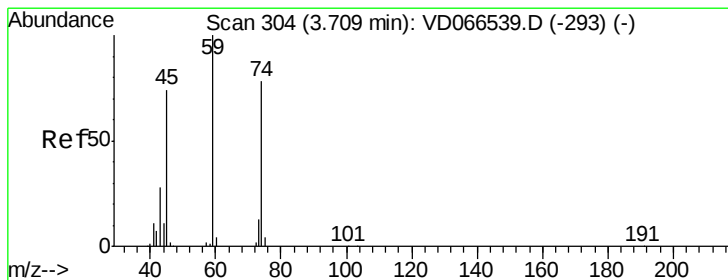
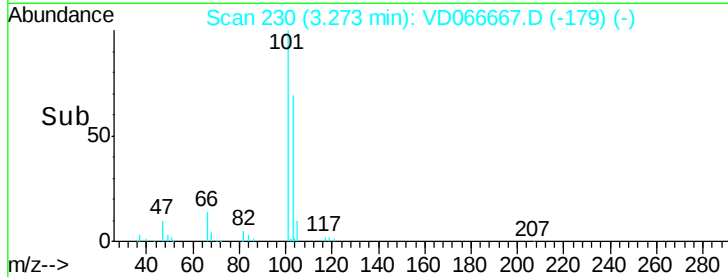
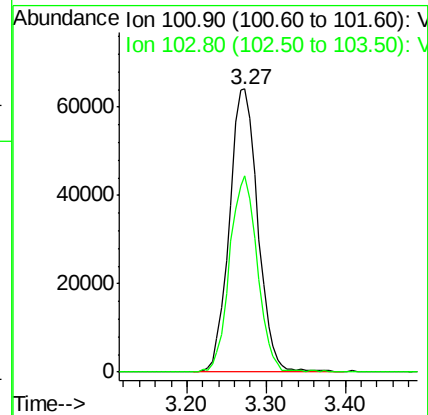
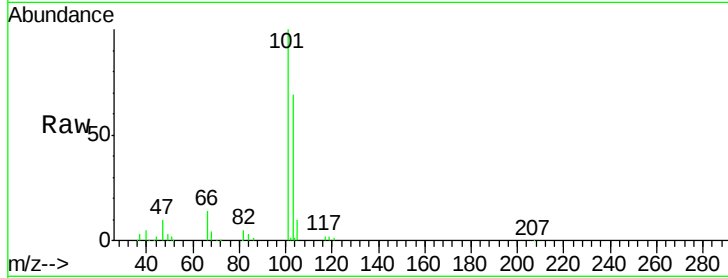
Trichlorofluoromethane
 Concen: 20.023 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.2	49.7	74.5

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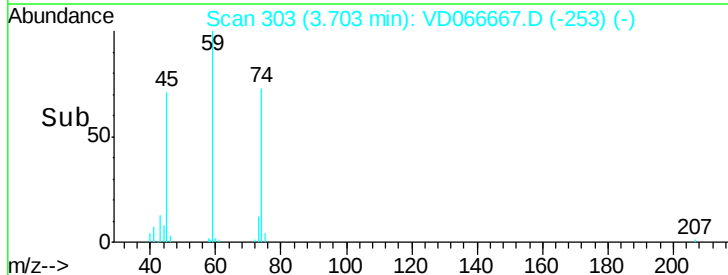
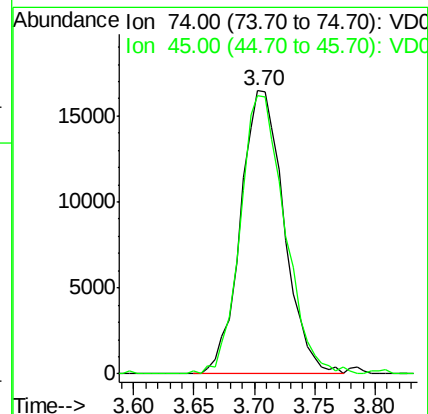
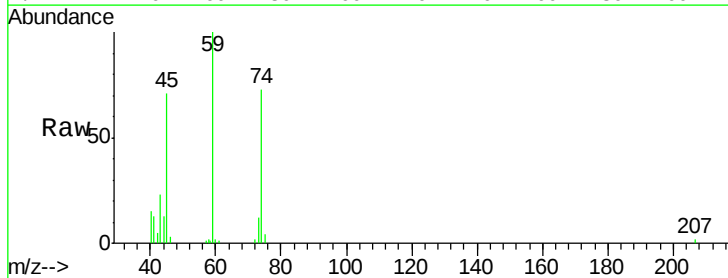
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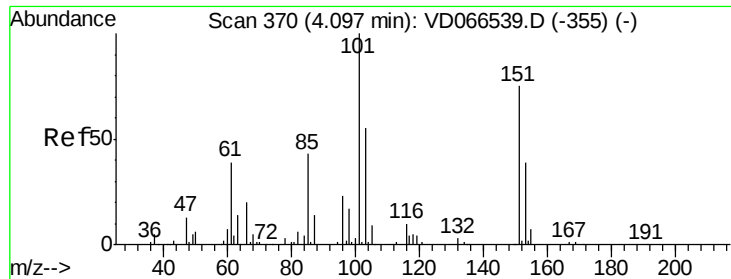


#8

Diethyl Ether
 Concen: 20.588 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.469 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

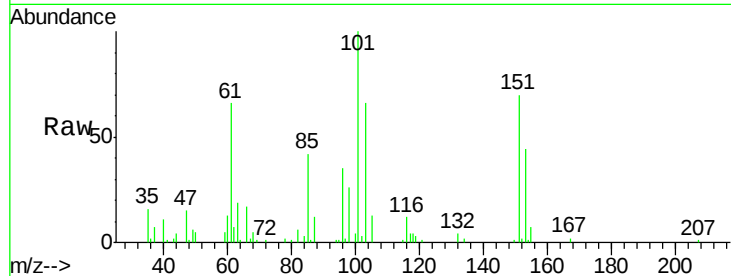
ClientSampleId :

VD0914SBS01

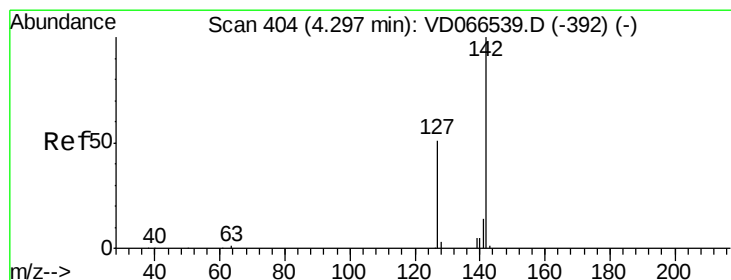
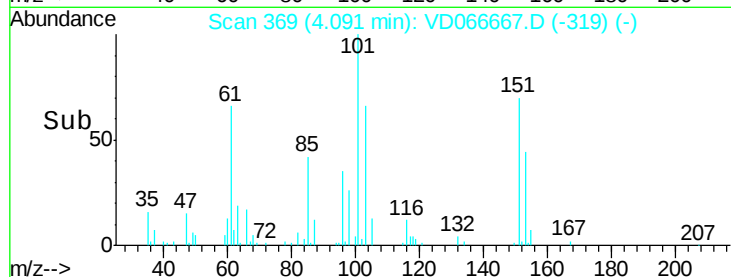
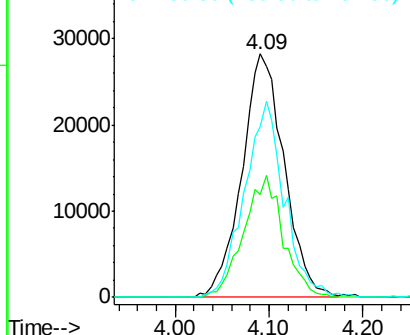
Tot Ion:	101	Resp:	88175
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.0	55.6
151	76.0	59.4	89.2

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



#10

Methyl Iodide

Concen: 22.001 ug/l

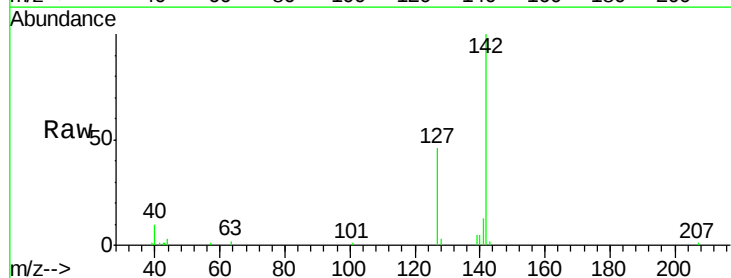
RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

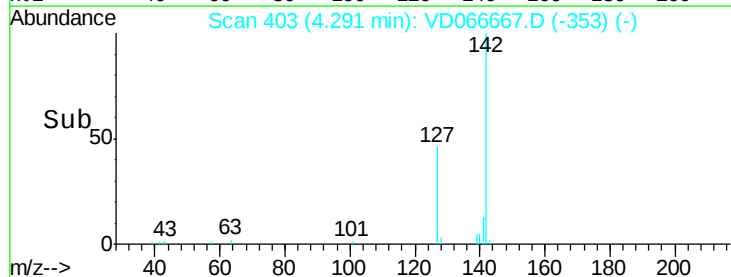
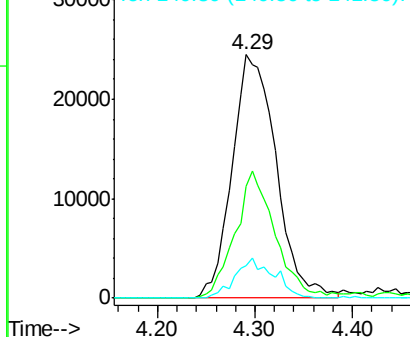
Lab File: VD066667.D

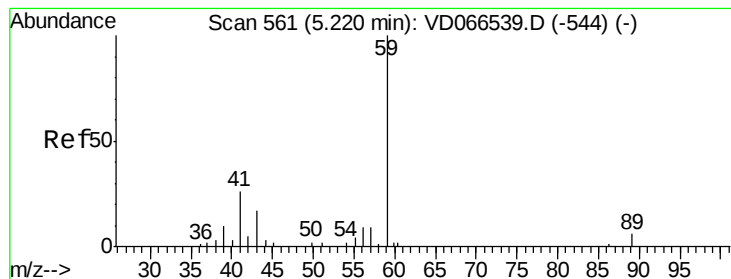
Acq: 14 Sep 2020 12:26

Tgt Ion:	142	Resp:	76818
Ion Ratio	Lower	Upper	
142	100		
127	47.1	40.6	61.0
141	14.4	12.2	18.4



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





#11

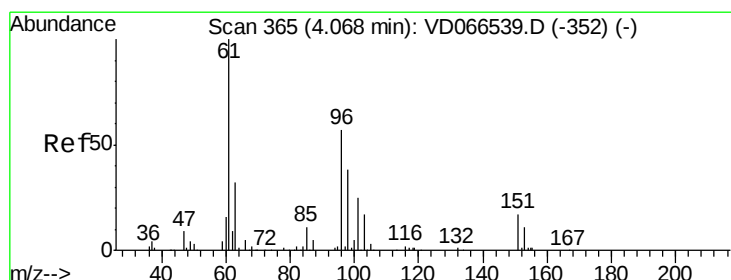
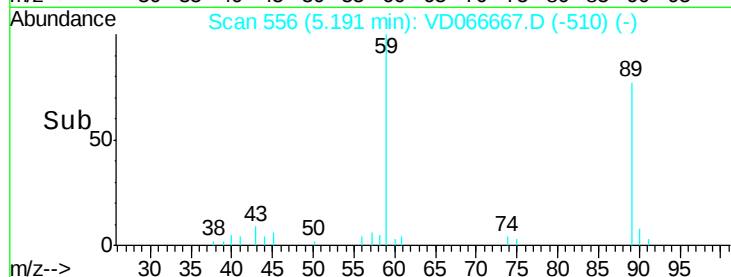
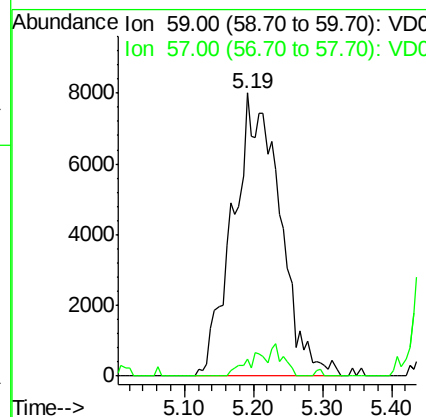
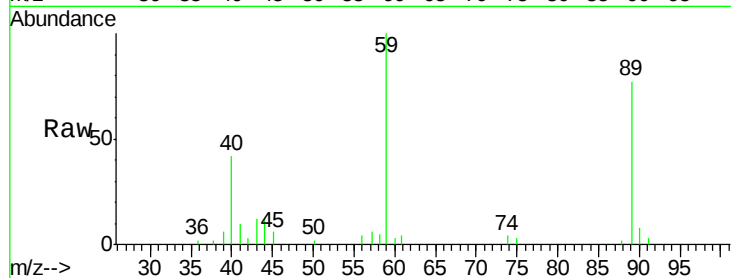
Tert butyl alcohol
 Concen: 103.577 ug/l m
 RT: 5.19 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion: 59 Resp: 37842
 Ion Ratio Lower Upper
 59 100
 57 3.7 7.6 11.4#

Manual Integrations
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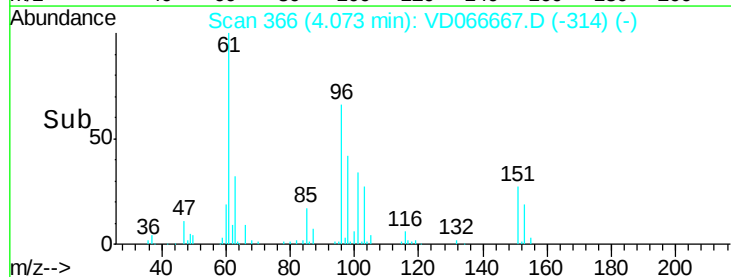
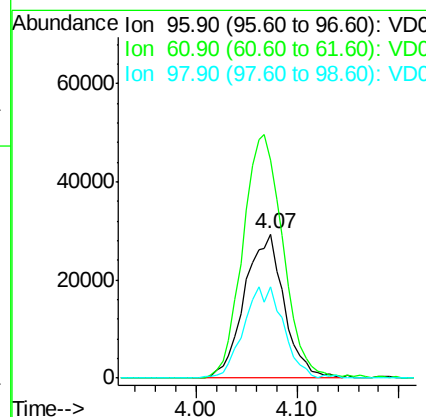
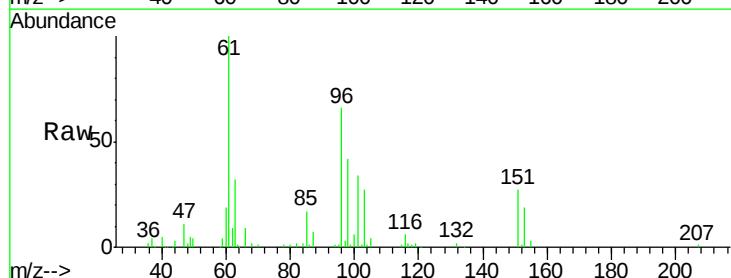
MMDadoda
 9/15/2020 2:27:48 PM

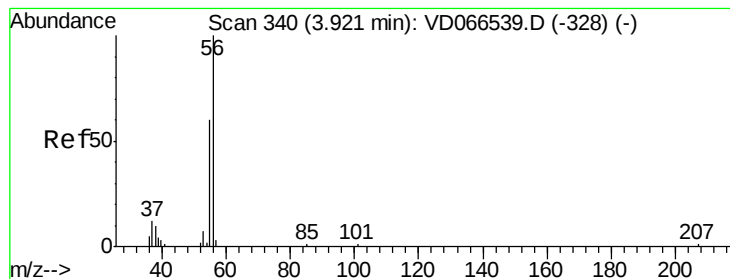


#12

1,1-Dichloroethene
 Concen: 20.519 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion: 96 Resp: 79410
 Ion Ratio Lower Upper
 96 100
 61 151.7 140.9 211.3
 98 63.4 53.2 79.8





#13

Acrolein

Concen: 79.340 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 56 Resp: 15077

Ion Ratio Lower Upper

56 100

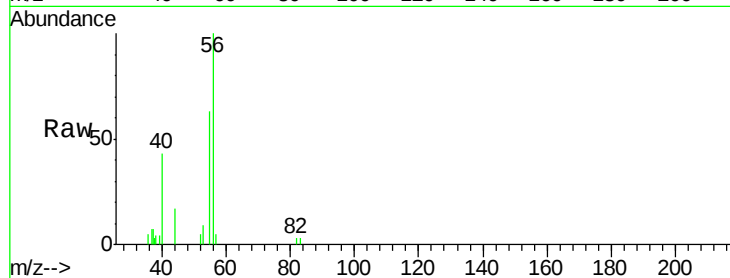
55 70.3 53.6 80.4

Manual Integrations

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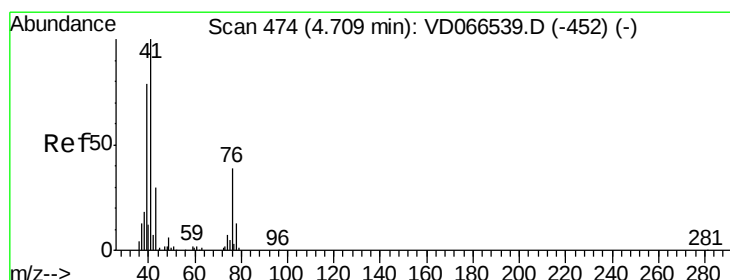
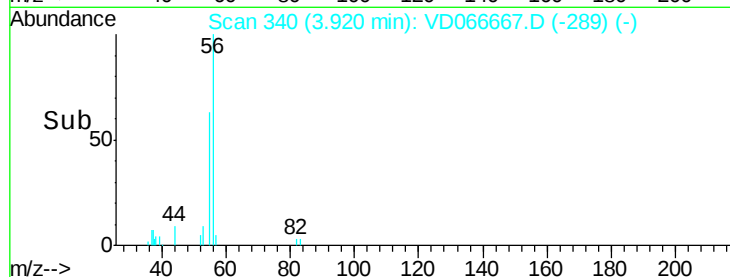
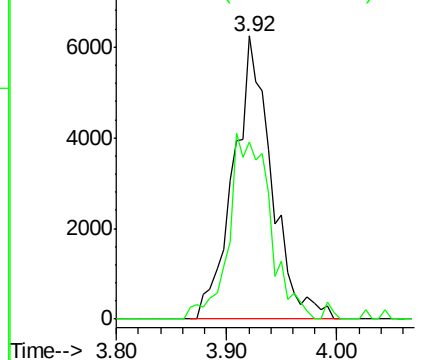
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.054 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

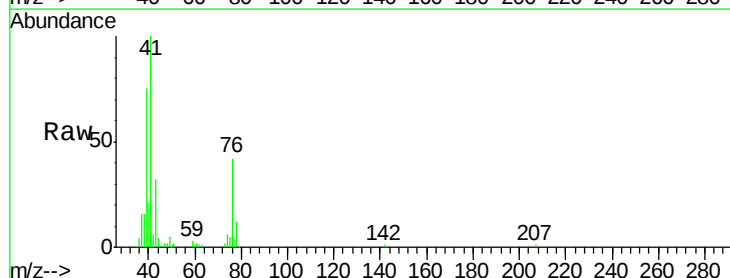
Tgt Ion: 41 Resp: 127194

Ion Ratio Lower Upper

41 100

39 76.2 61.9 92.9

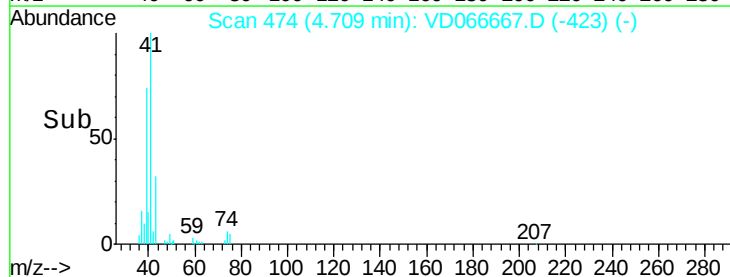
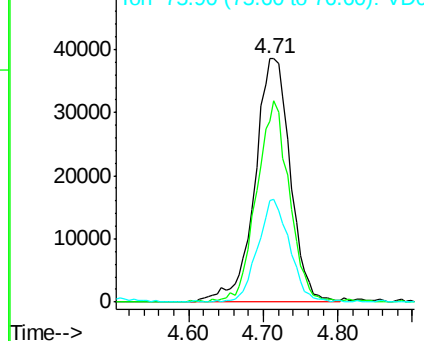
76 38.0 29.0 43.6

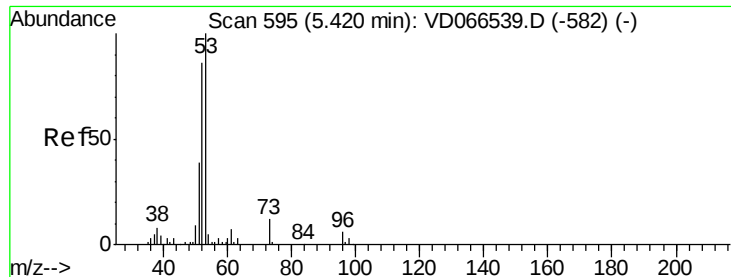


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 102.195 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

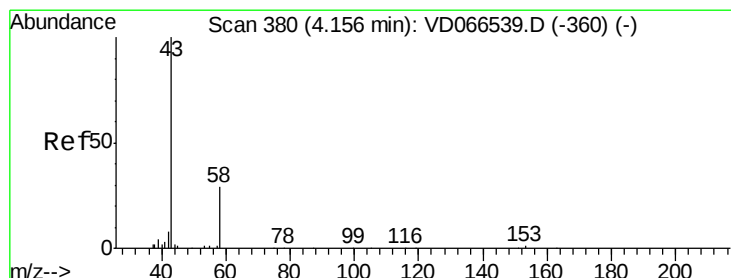
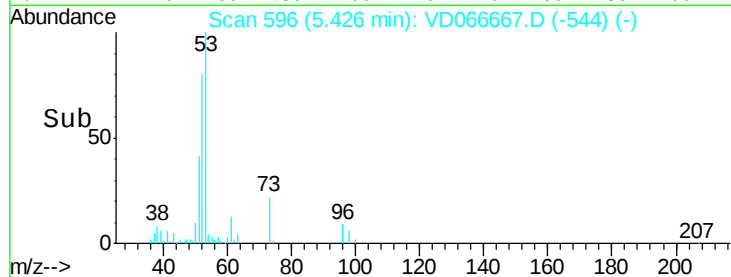
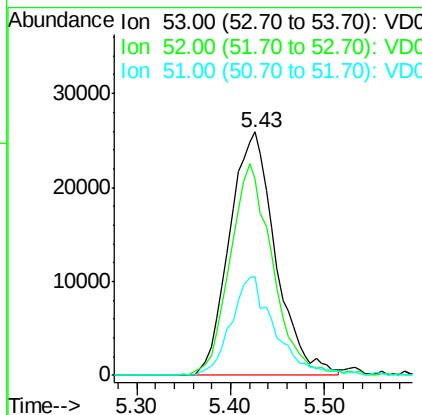
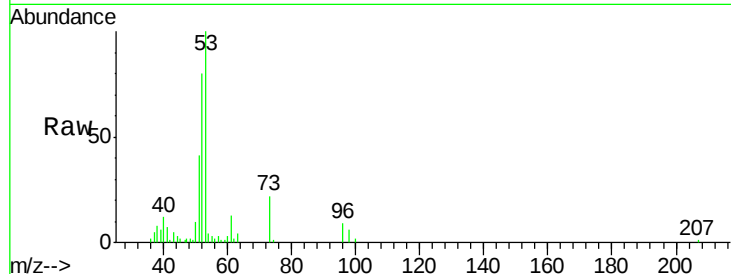
ClientSampleId :

VD0914SBS01

Tot Ion:	53	Resp:	87989
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.4	98.2
51	38.2	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 107.261 ug/l

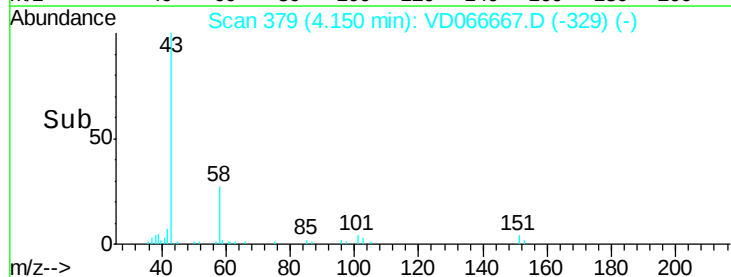
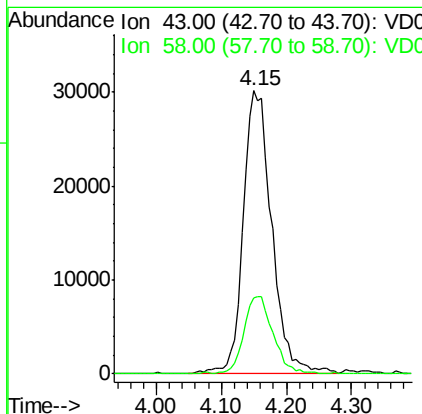
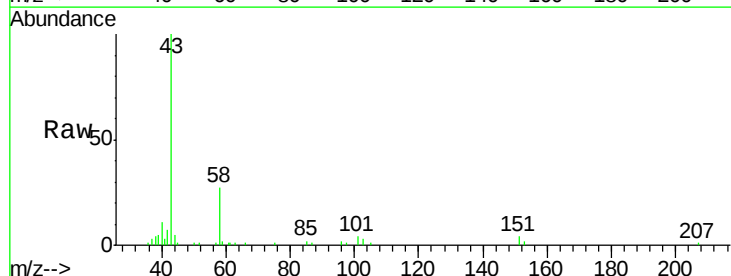
RT: 4.15 min Scan# 379

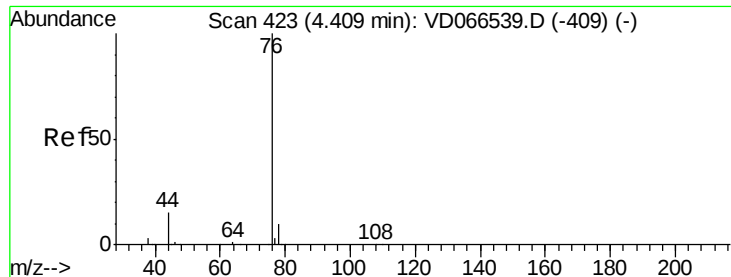
Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion:	43	Resp:	91722
Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.9	34.3





#17

Carbon Disulfide

Concen: 19.971 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 76 Resp: 254089

Ion Ratio Lower Upper

76 100

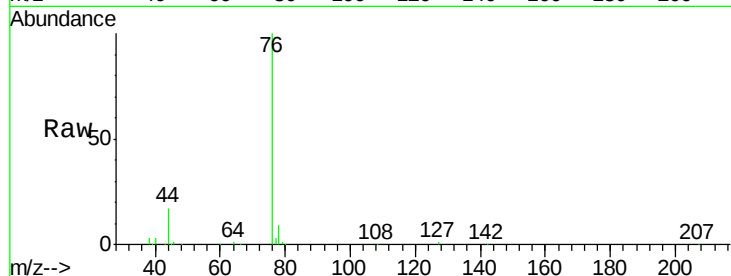
78 9.0 7.6 11.4

Manual Integrations

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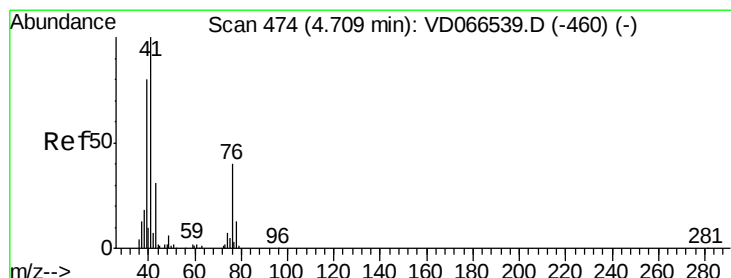
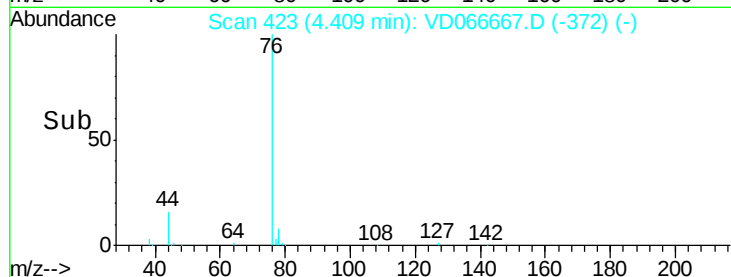
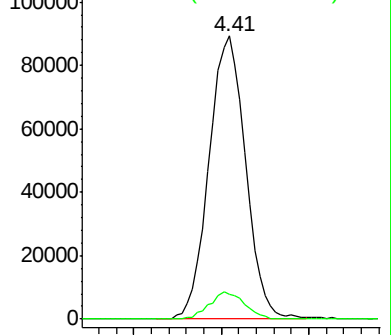
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.173 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066667.D

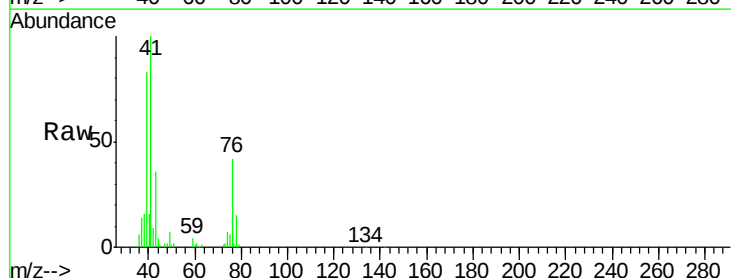
Acq: 14 Sep 2020 12:26

Tgt Ion: 43 Resp: 41122

Ion Ratio Lower Upper

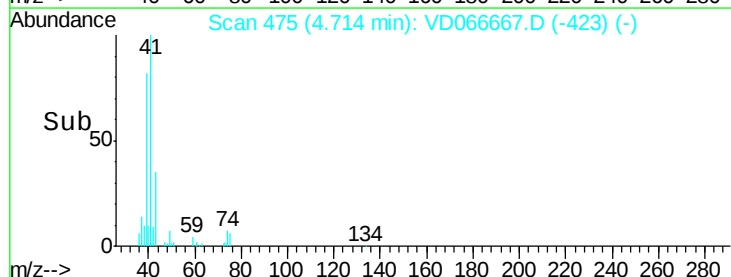
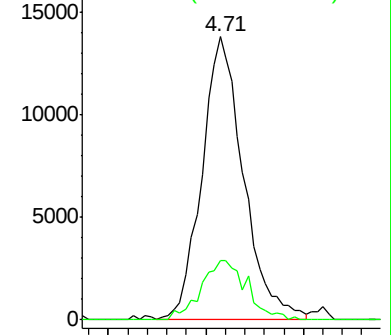
43 100

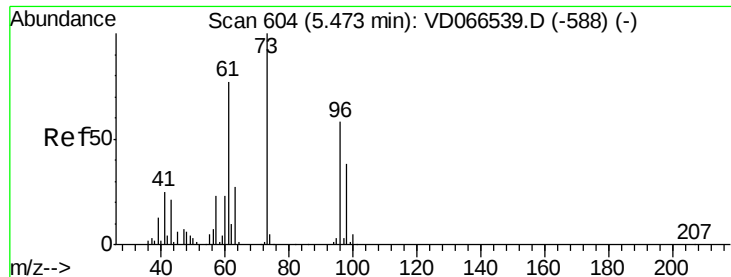
74 23.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





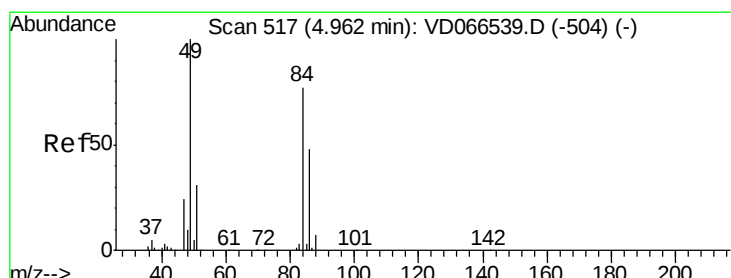
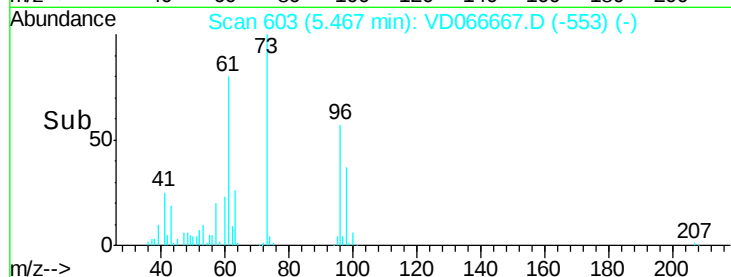
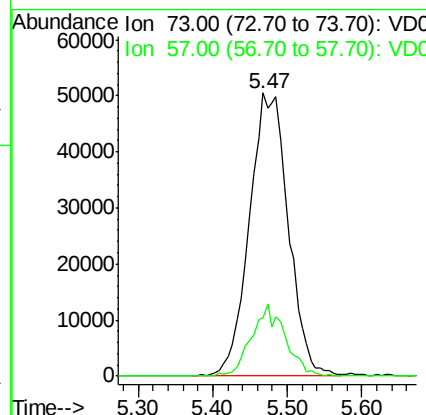
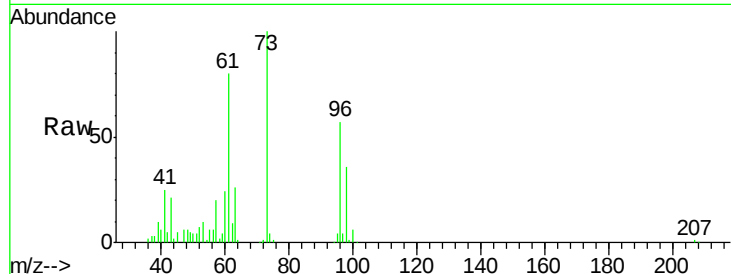
#19
Methyl tert-butyl Ether
Concen: 20.131 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion: 73 Resp: 182700
Ion Ratio Lower Upper
73 100
57 20.4 18.3 27.5

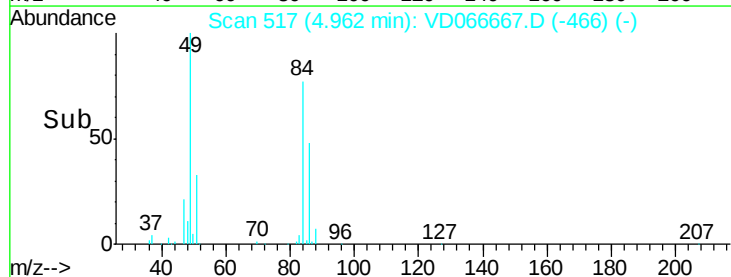
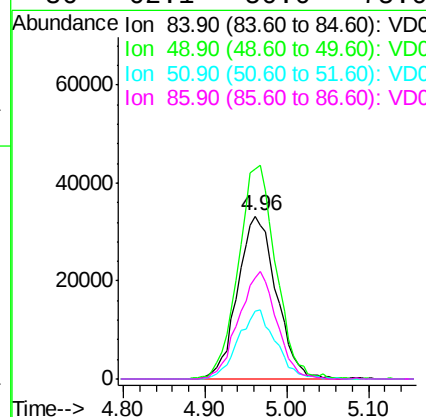
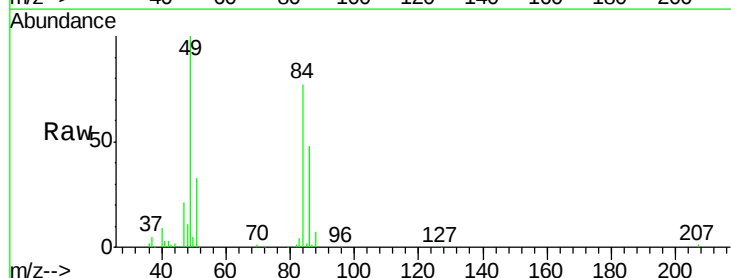
Manual Integrations
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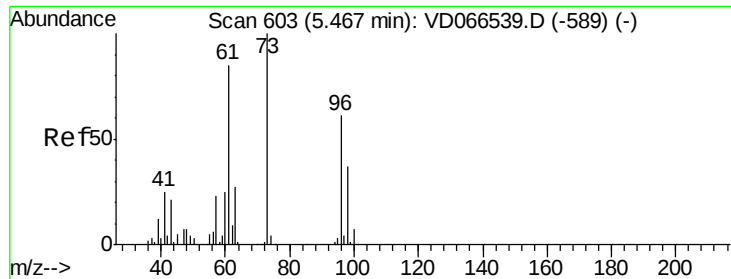
MMDadoda
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#20
Methylene Chloride
Concen: 19.366 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 84 Resp: 109150
Ion Ratio Lower Upper
84 100
49 128.6 104.3 156.5
51 42.1 32.2 48.4
86 62.1 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 20.273 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

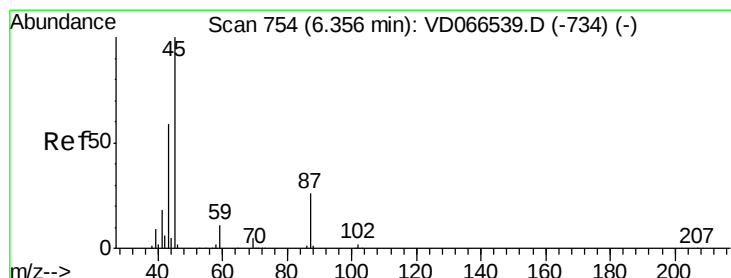
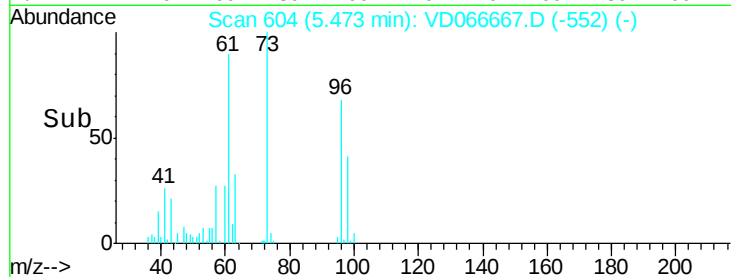
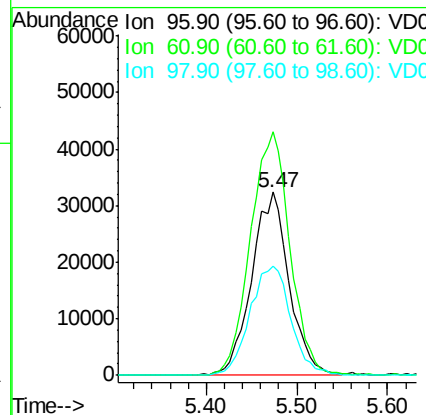
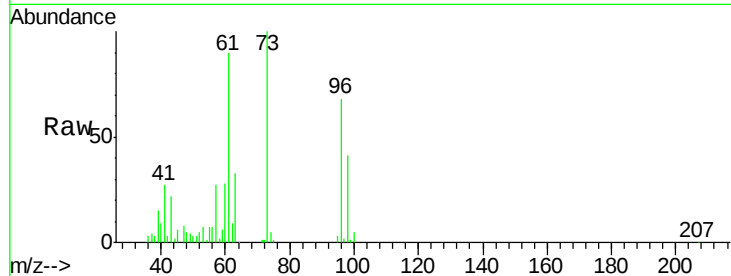
ClientSampleId :

VD0914SBS01

Tot Ion:	96	Resp:	93167
Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.1	168.1
98	59.9	48.6	72.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.802 ug/l

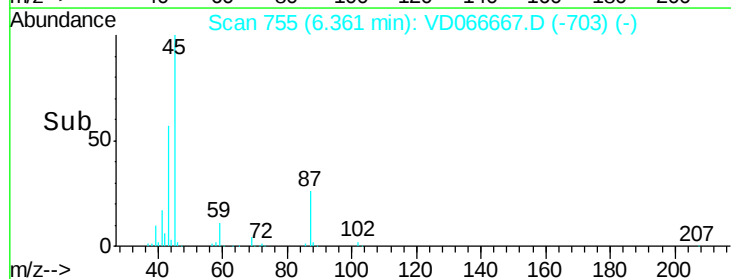
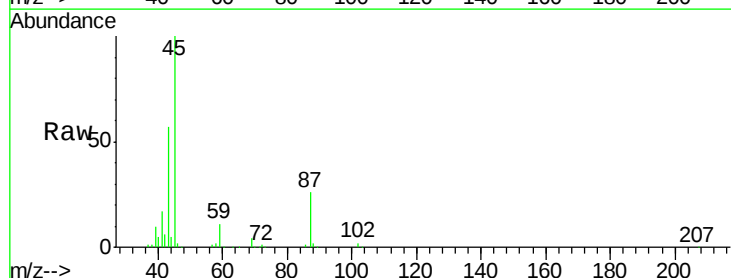
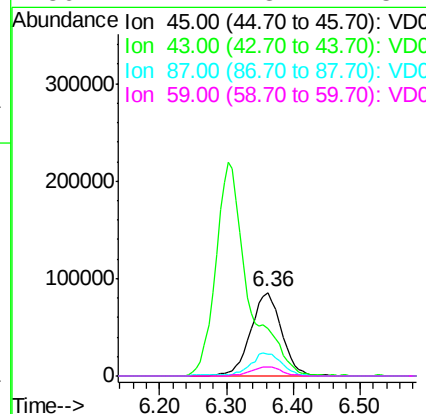
RT: 6.36 min Scan# 755

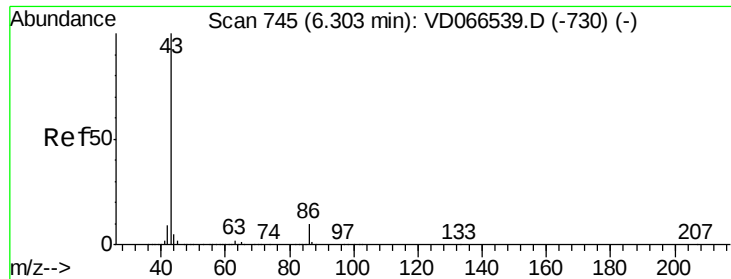
Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion:	45	Resp:	271320
Ion	Ratio	Lower	Upper
45	100		
43	56.1	47.0	70.4
87	26.2	21.3	31.9
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 99.894 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 43 Resp: 741448

Ion Ratio Lower Upper

43 100

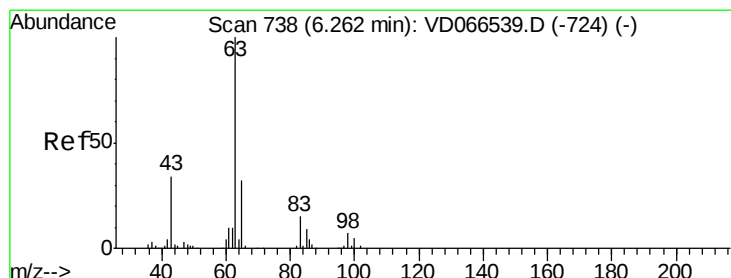
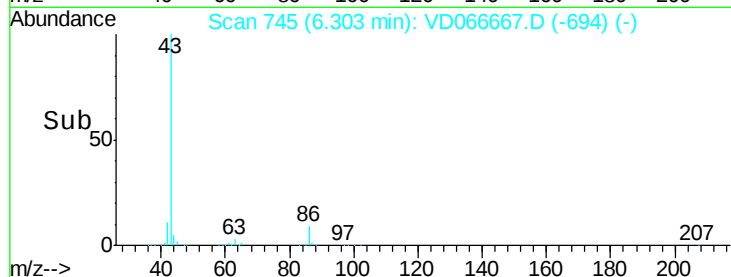
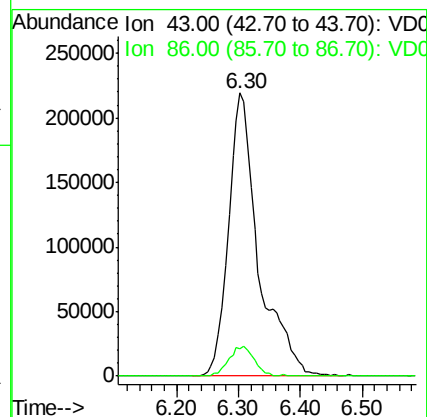
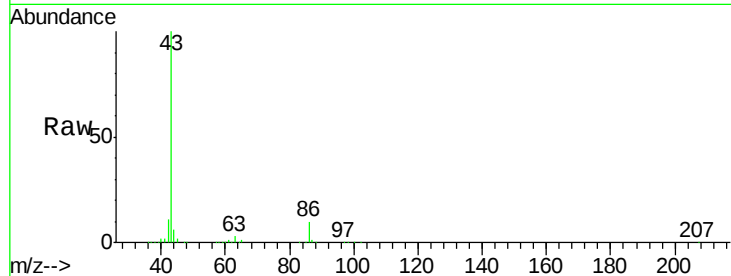
86 9.6 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.076 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

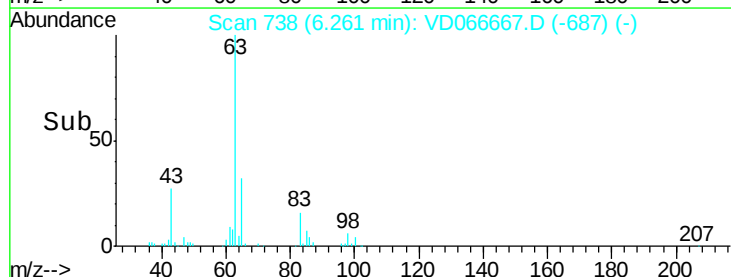
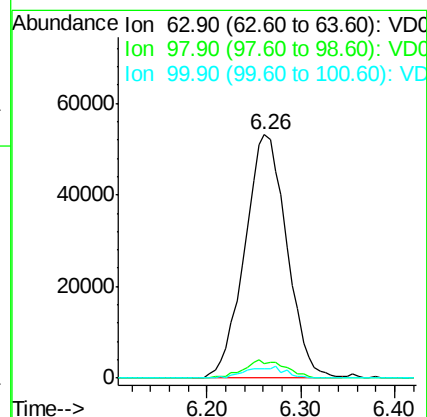
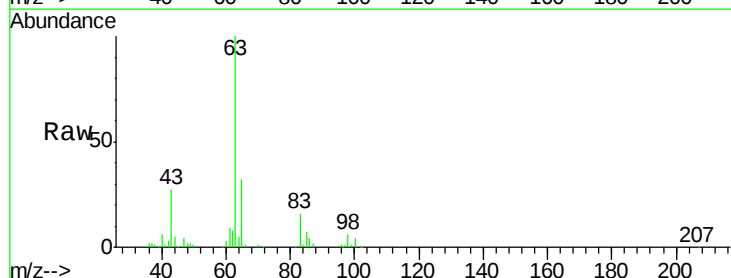
Tgt Ion: 63 Resp: 164666

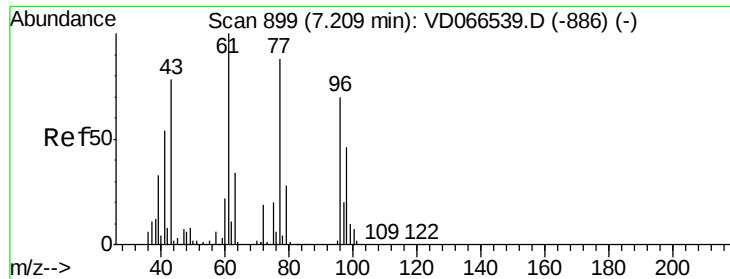
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.1

100 3.9 2.5 7.4





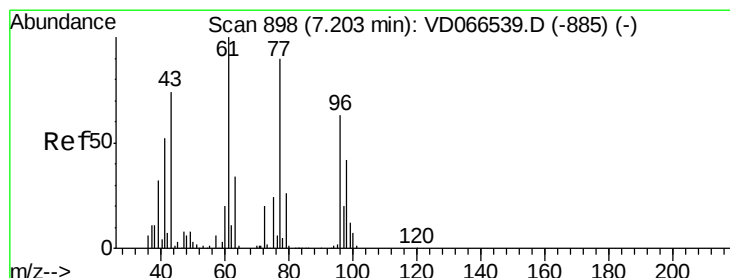
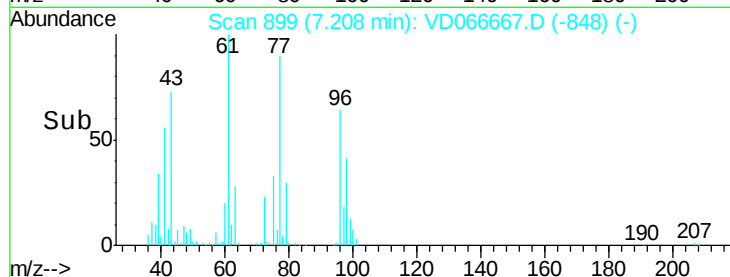
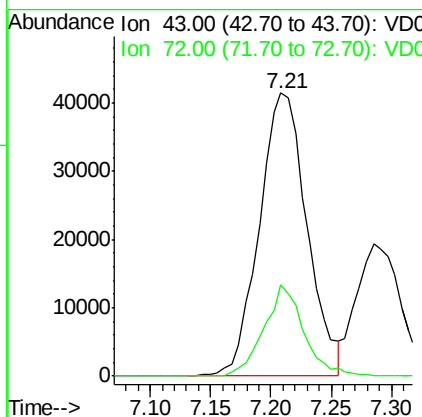
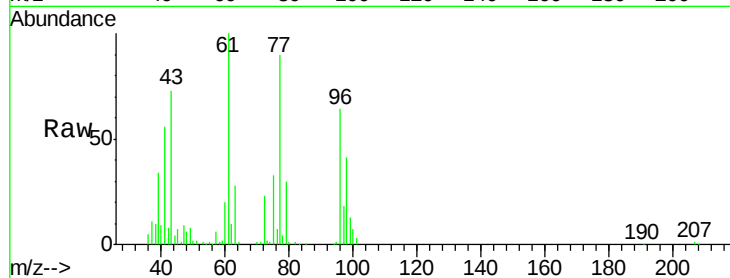
#25
 2-Butanone
 Concen: 98.688 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion: 43 Resp: 113286
 Ion Ratio Lower Upper
 43 100
 72 32.3 19.8 29.6#

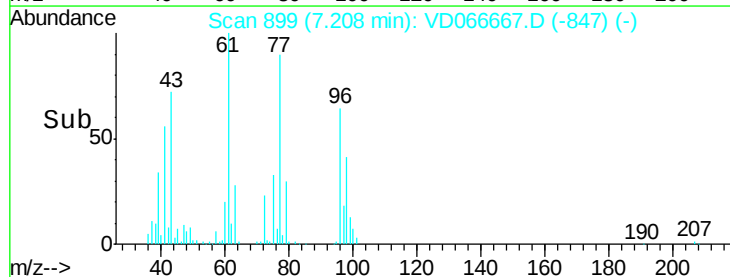
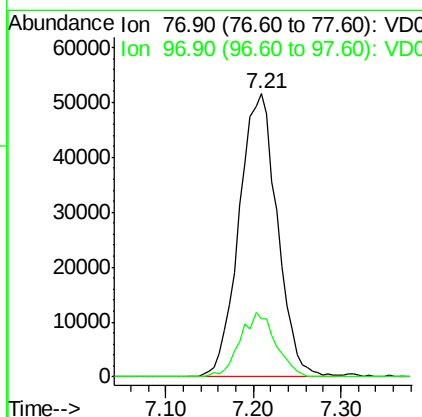
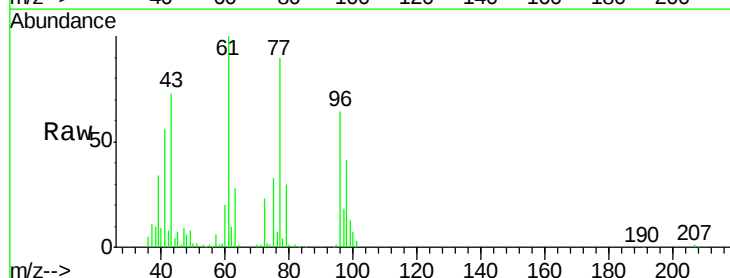
Manual Integrations
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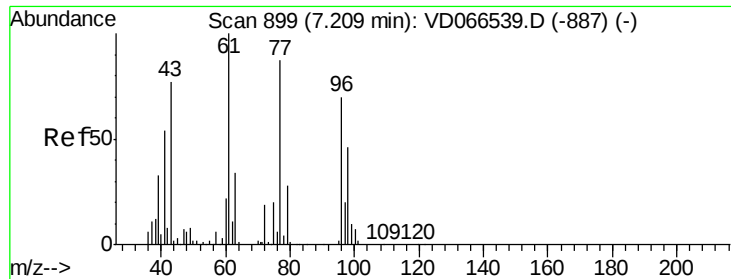
MMDadoda
 9/15/2020 2:27:48 PM



#26
 2,2-Dichloropropane
 Concen: 20.350 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion: 77 Resp: 153104
 Ion Ratio Lower Upper
 77 100
 97 21.1 10.8 32.3





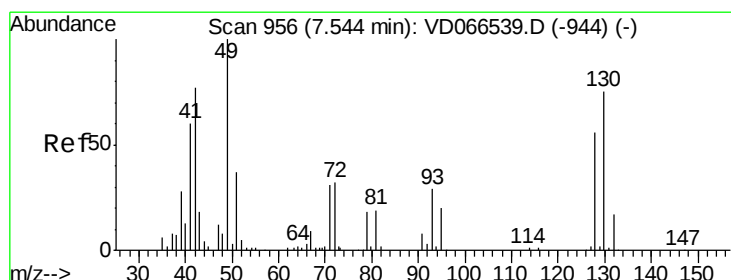
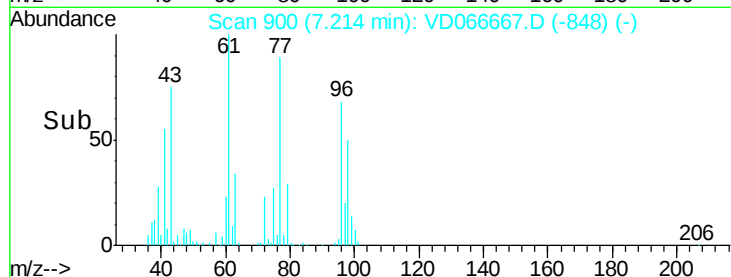
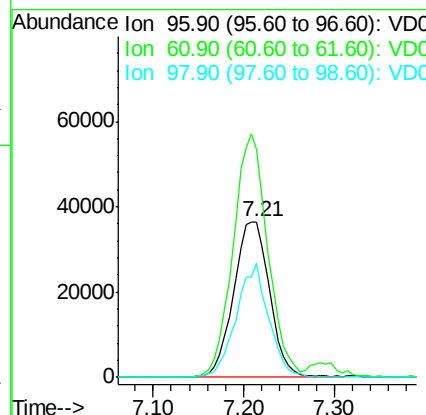
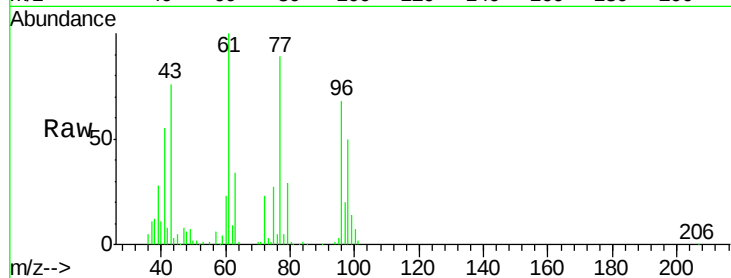
#27
 cis-1,2-Dichloroethene
 Concen: 20.467 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.8	0.0	301.0	
98	65.4	0.0	129.8	

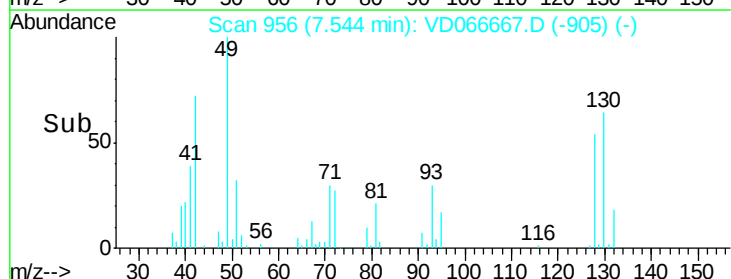
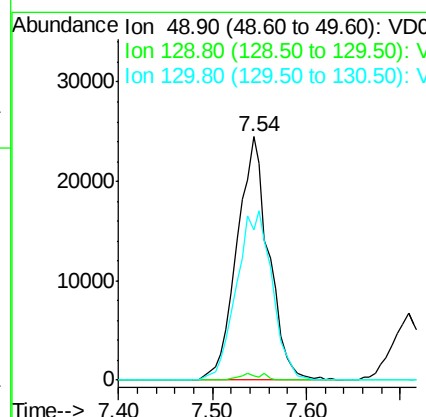
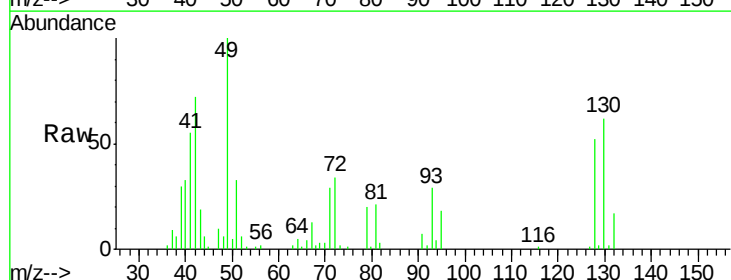
Manual Integrations
 APPROVED

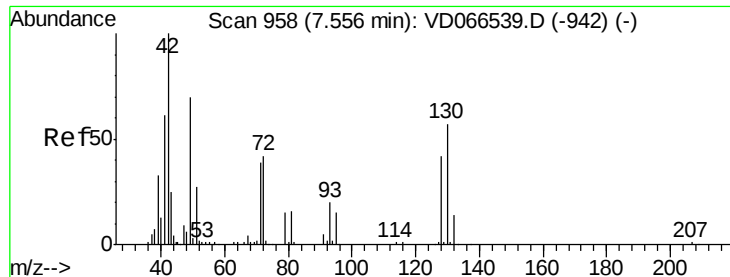
MMDadoda
 9/15/2020 2:27:48 PM



#28
 Bromochloromethane
 Concen: 18.288 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	2.6	
130	77.5	58.2	87.2	





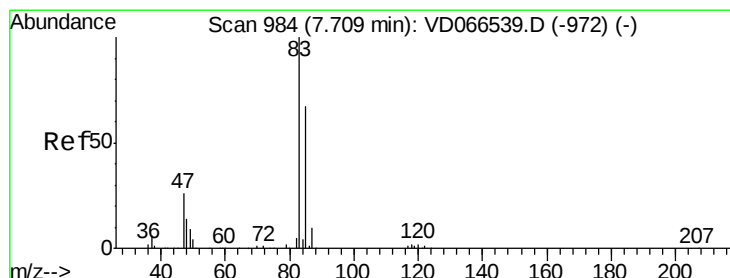
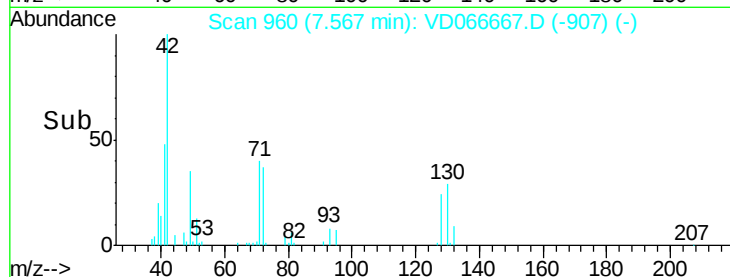
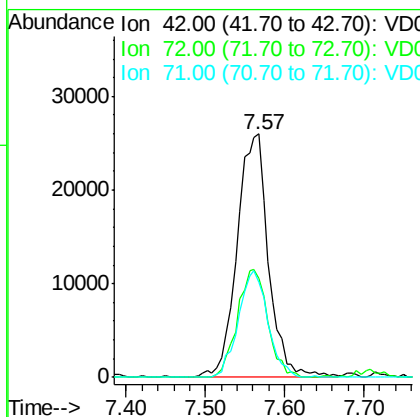
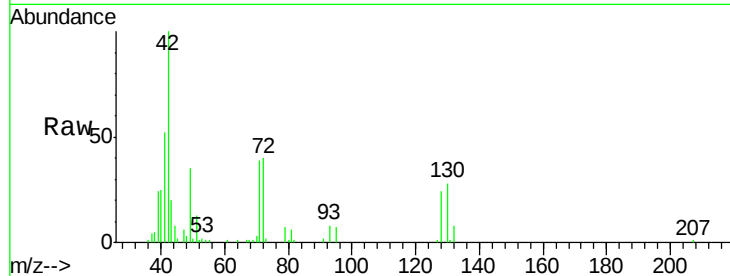
#29
Tetrahydrofuran
Concen: 99.592 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.4	50.0
71	41.2	31.9	47.9

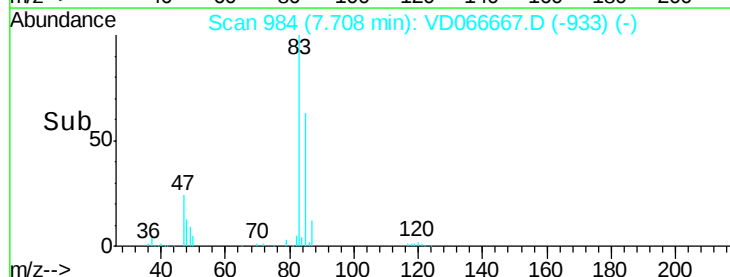
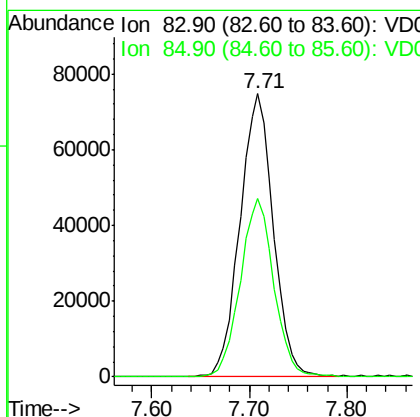
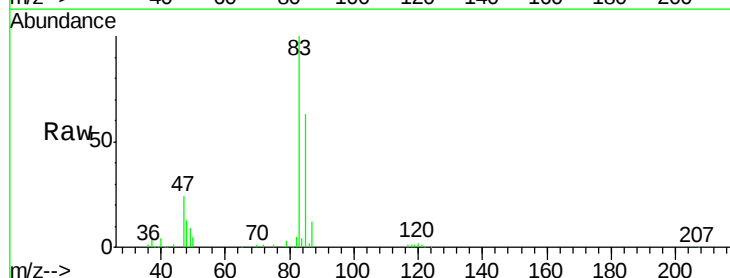
Manual Integrations
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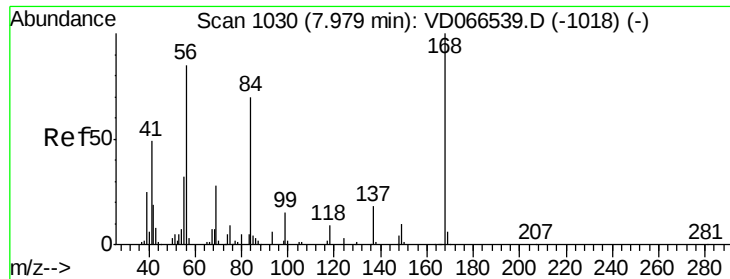
MMDadoda
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#30
Chloroform
Concen: 20.623 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.6	80.4





#31

Cyclohexane

Concen: 20.374 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

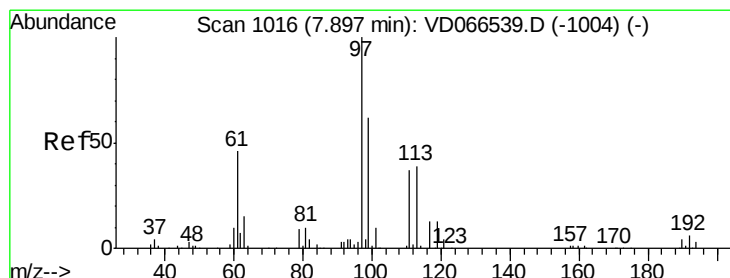
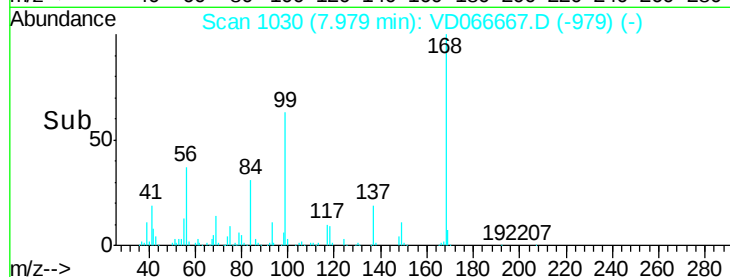
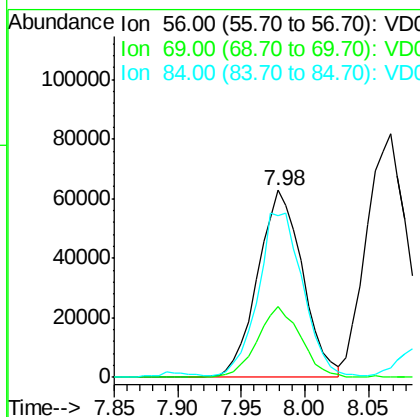
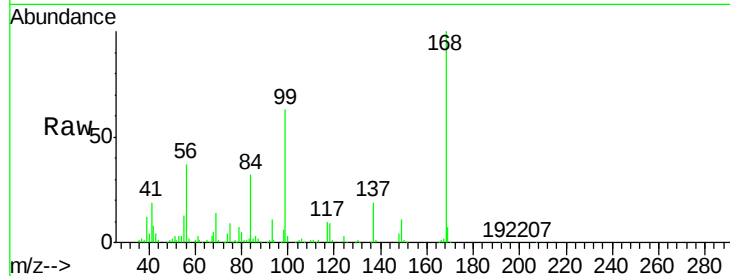
ClientSampleId :

VD0914SBS01

Tot Ion:	56	Resp:	154473
Ion Ratio	Lower	Upper	
56	100		
69	38.1	26.3	39.5
84	84.5	66.1	99.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.980 ug/l

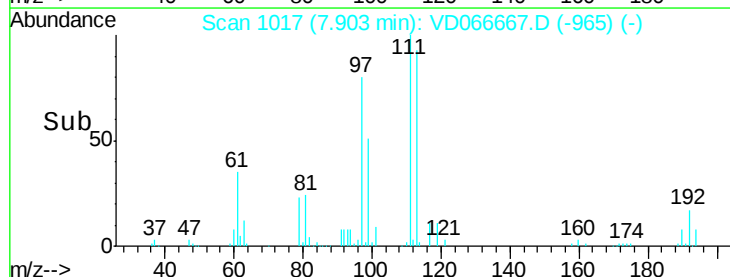
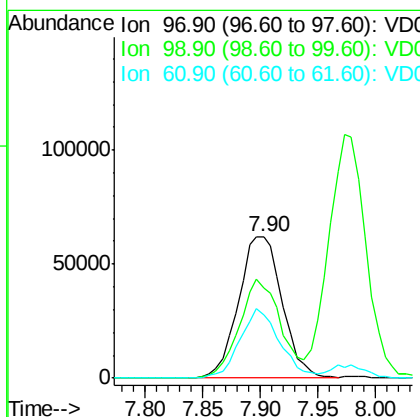
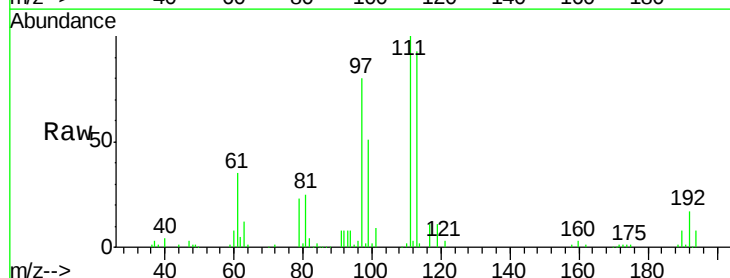
RT: 7.90 min Scan# 1017

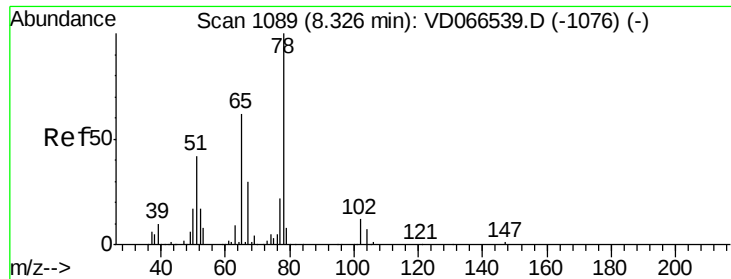
Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion:	97	Resp:	163007
Ion Ratio	Lower	Upper	
97	100		
99	66.9	51.4	77.0
61	44.9	37.4	56.0





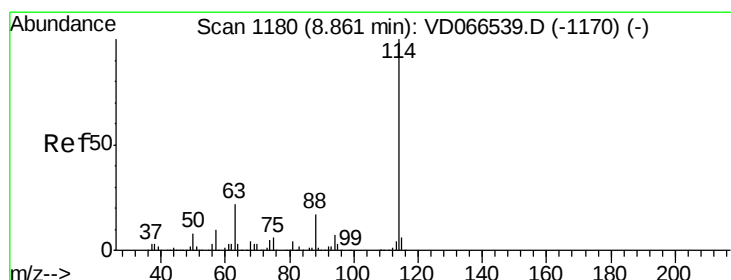
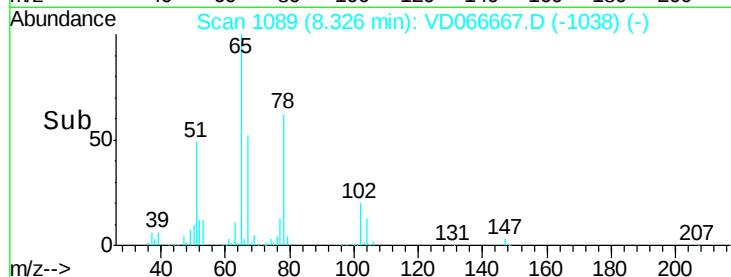
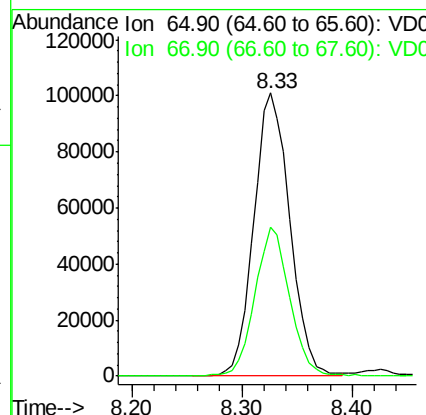
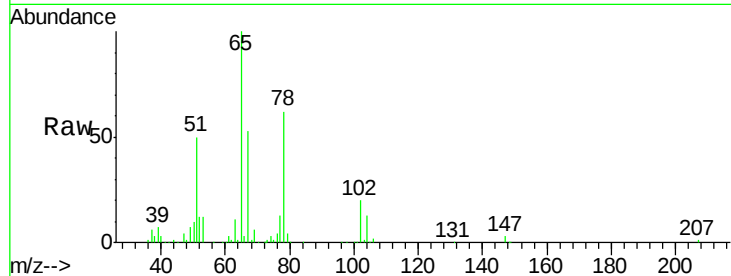
#33
 1,2-Dichloroethane-d4
 Concen: 49.769 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	231303		
67	50.9	0.0	102.8	

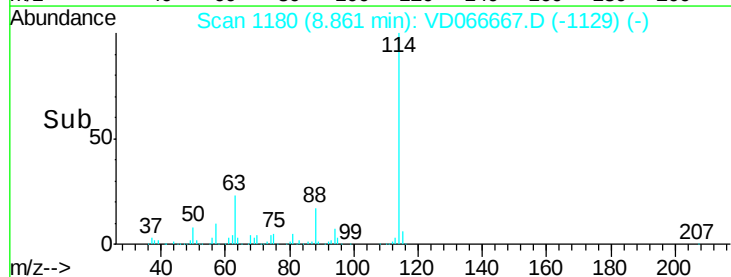
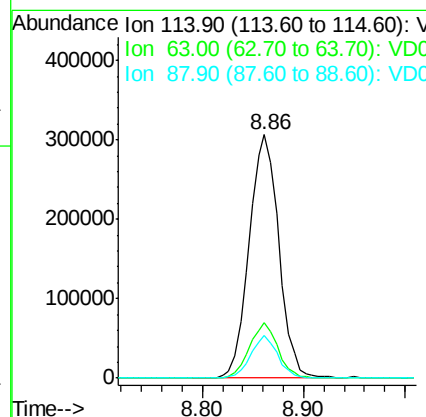
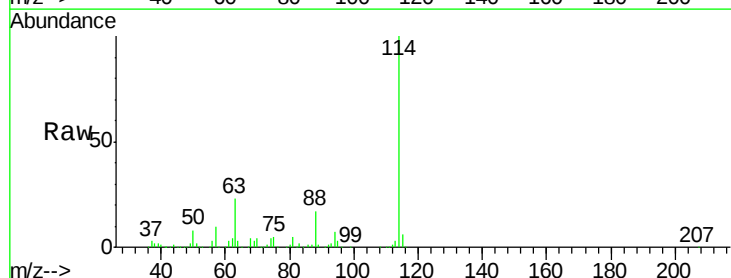
Manual Integrations
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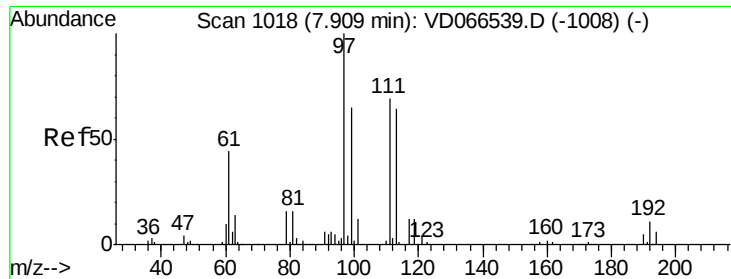
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	621890		
63	22.7	0.0	43.2	
88	17.3	0.0	33.2	





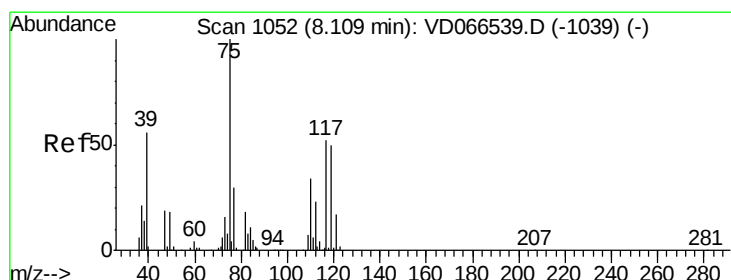
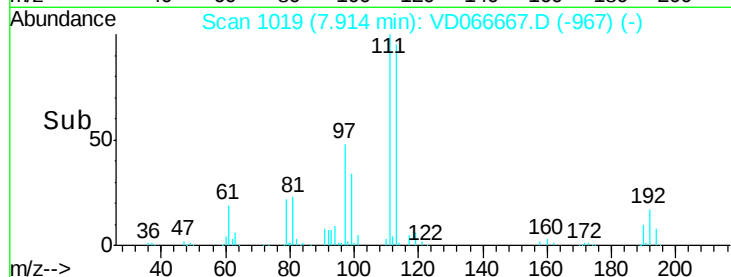
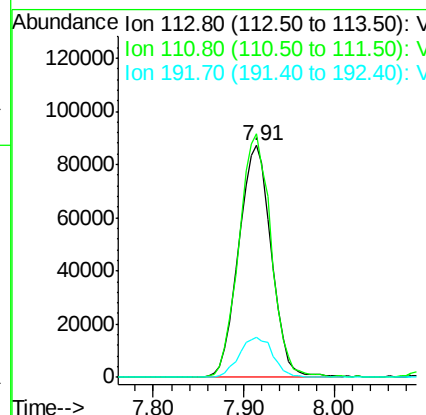
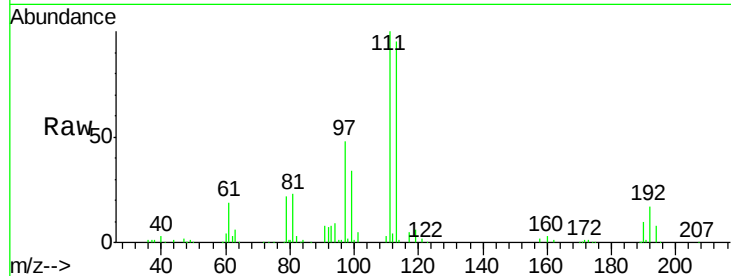
#35
 Dibromofluoromethane
 Concen: 52.011 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	218203		
111	103.5	83.2	124.8	
192	17.8	13.7	20.5	

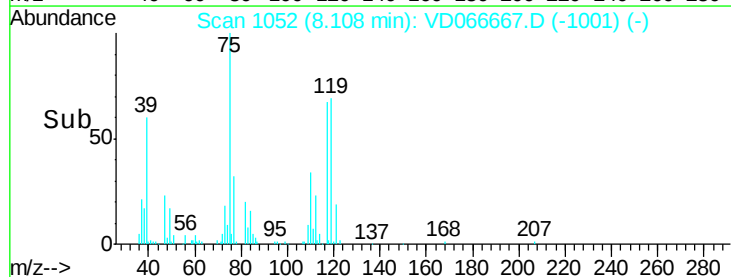
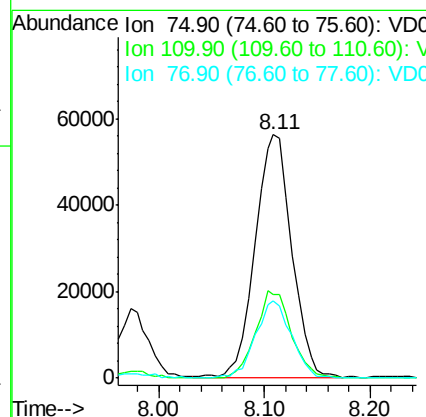
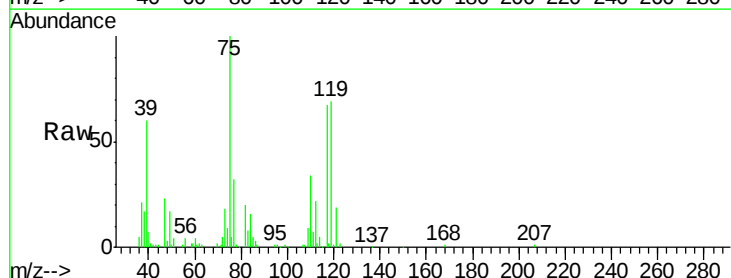
Manual Integrations
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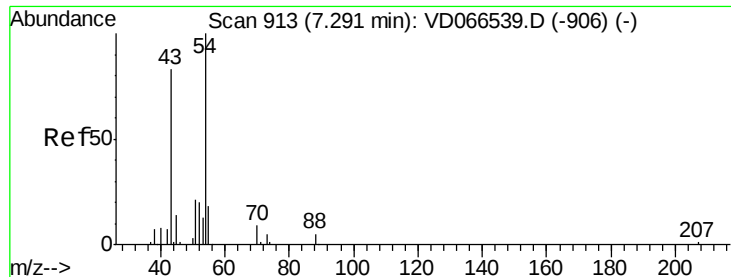
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#36
 1,1-Dichloropropene
 Concen: 20.904 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135293		
110	35.1	17.3	52.0	
77	31.4	25.1	37.7	





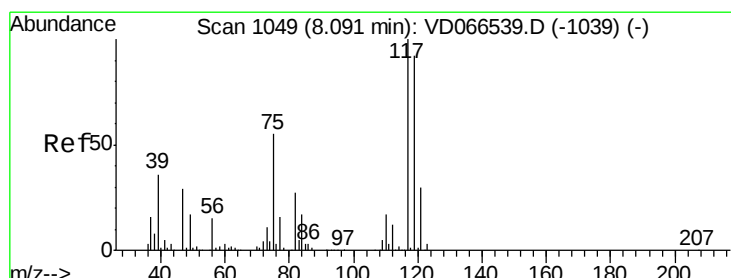
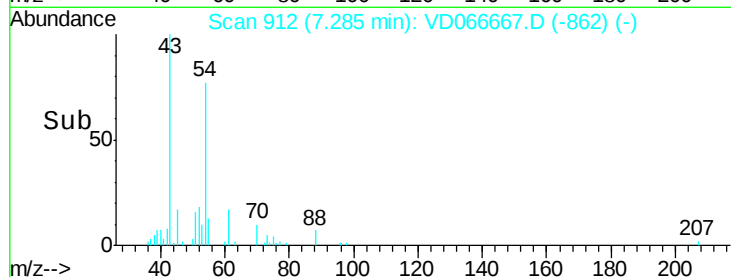
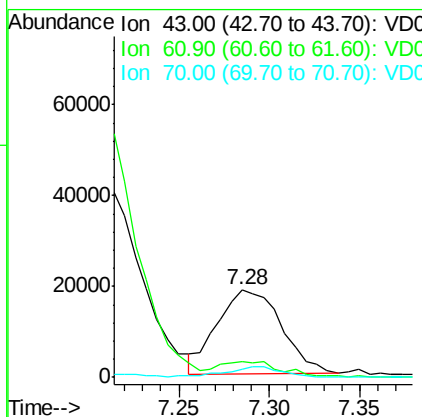
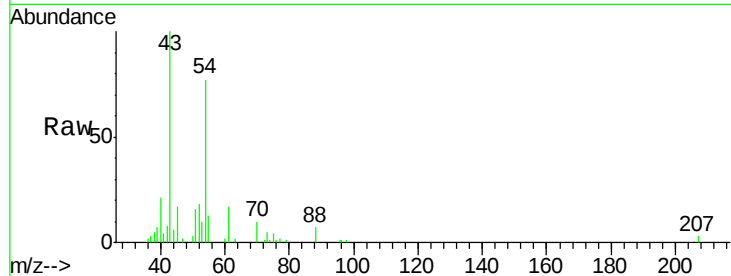
#37
Ethyl Acetate
Concen: 17.689 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	11.8	17.8#
70	11.6	7.9	11.9

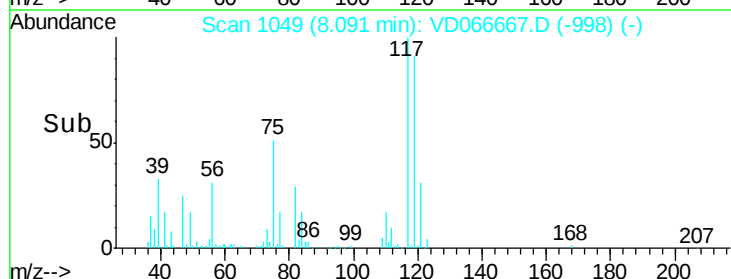
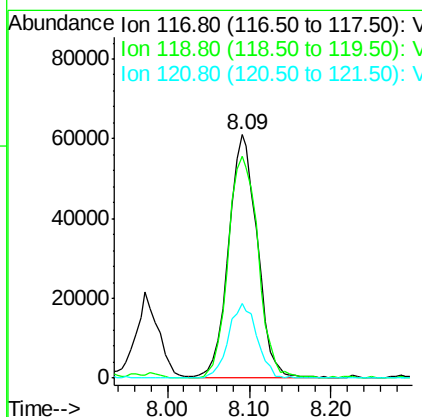
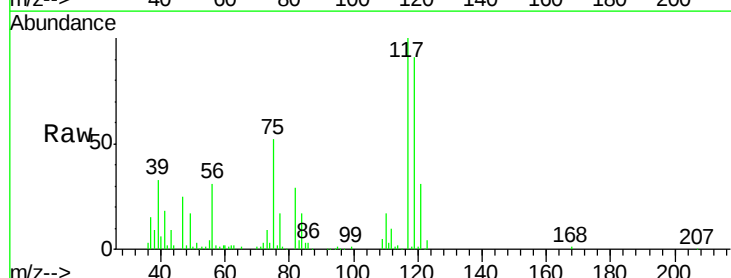
Manual Integrations
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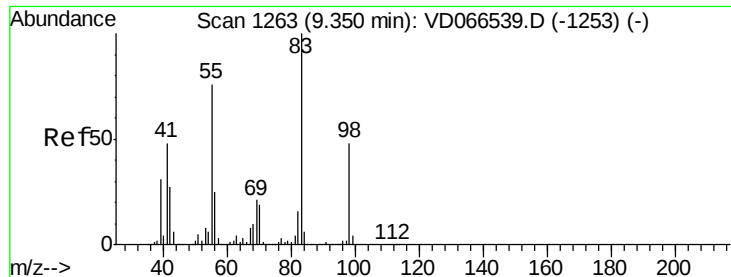
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.875 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.9	110.9
121	30.6	24.1	36.1





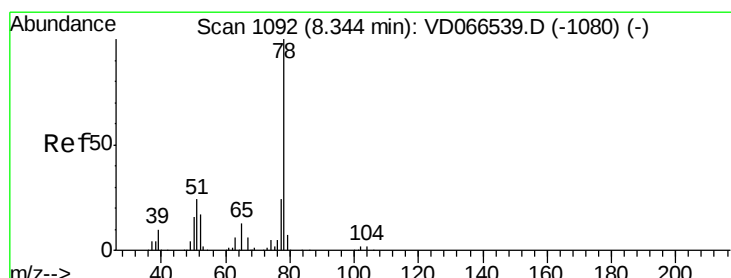
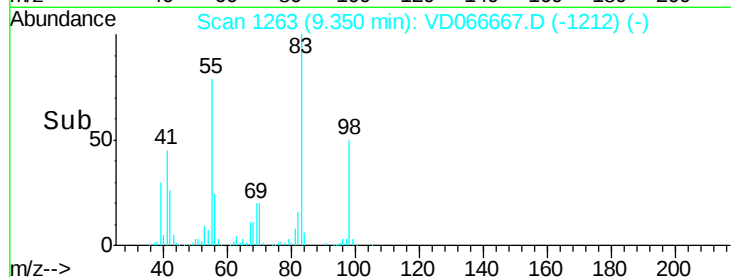
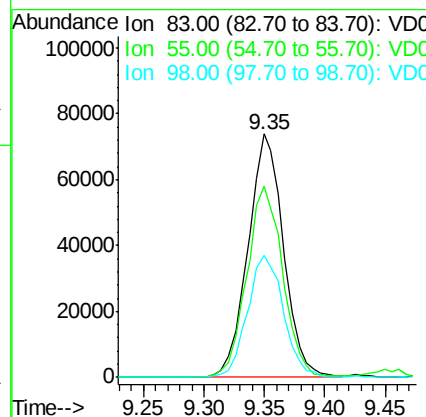
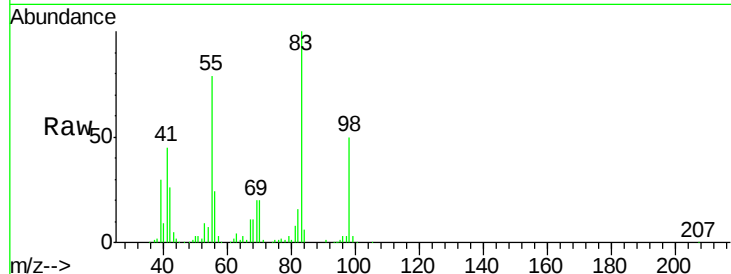
#39
Methvlcvclohexane
Concen: 20.922 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	151203		
55	78.6		60.8	91.2
98	50.2		38.6	58.0

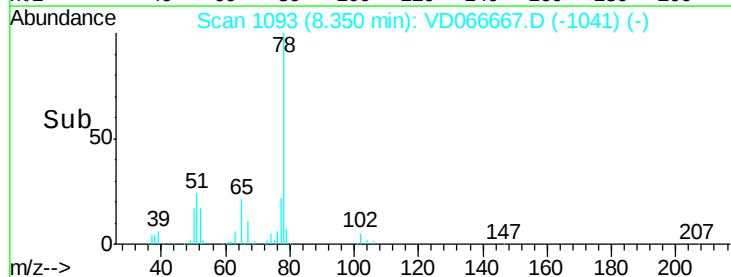
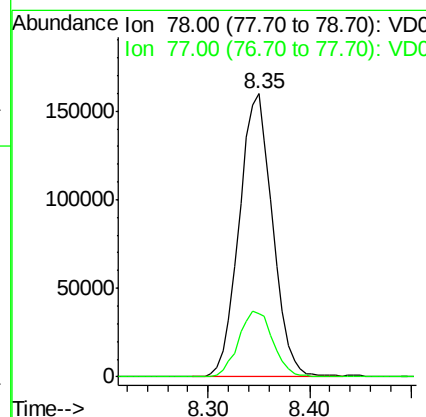
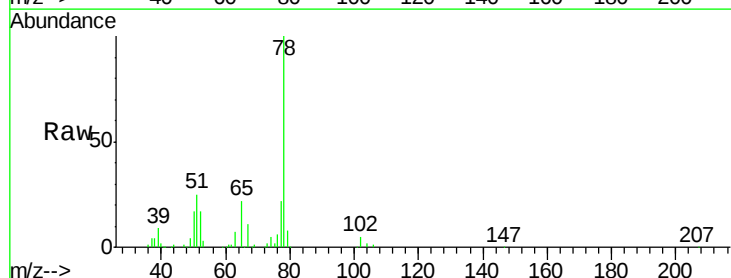
Manual Integrations
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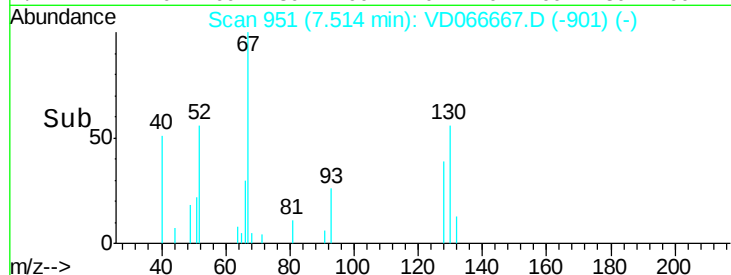
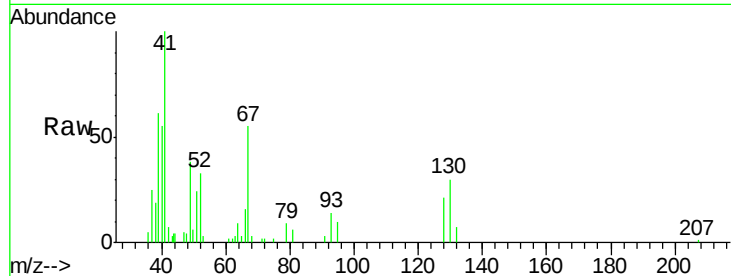
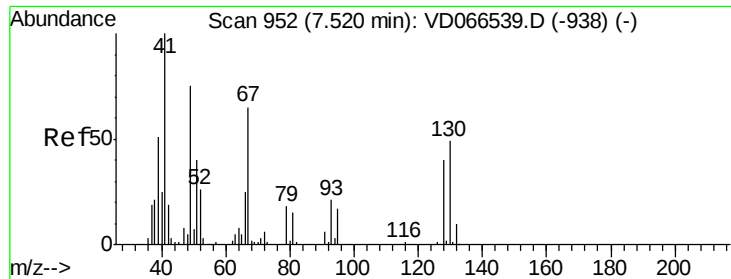
MMDadoda
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#40
Benzene
Concen: 20.591 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	364983		
77	22.3		19.1	28.7





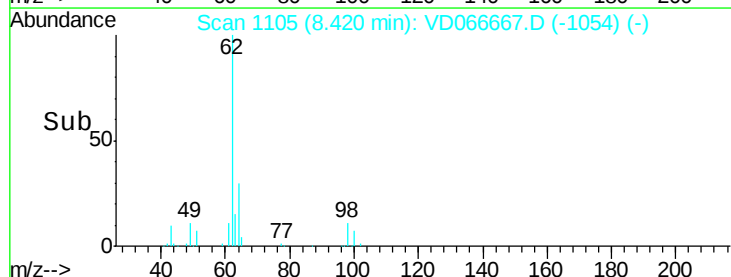
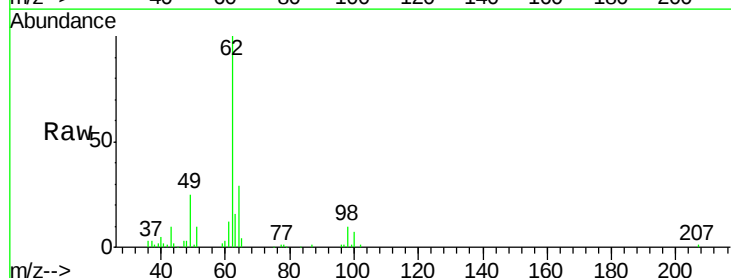
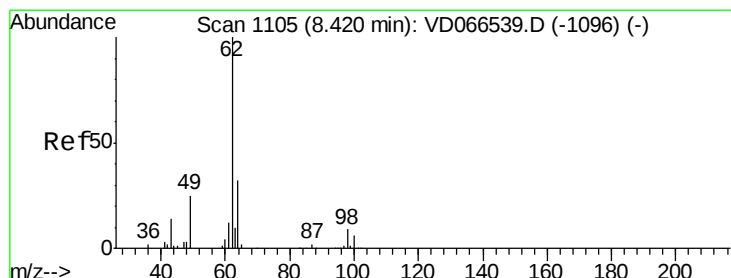
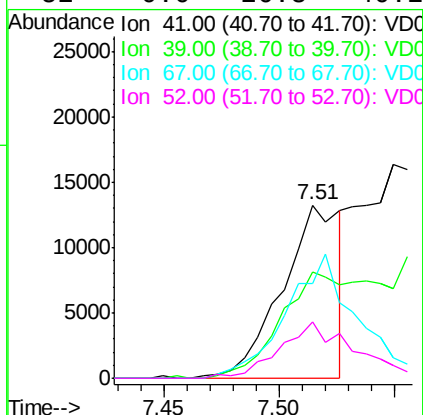
#41
Methacrylonitrile
Concen: 18.743 ug/l m
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

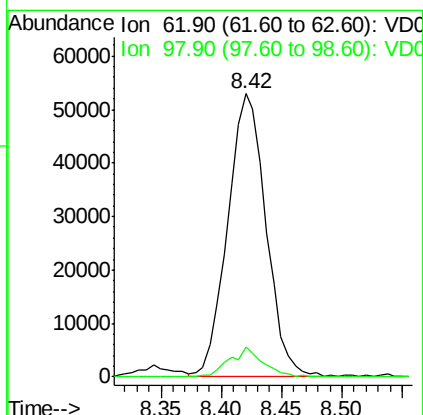
Manual Integrations
APPROVED

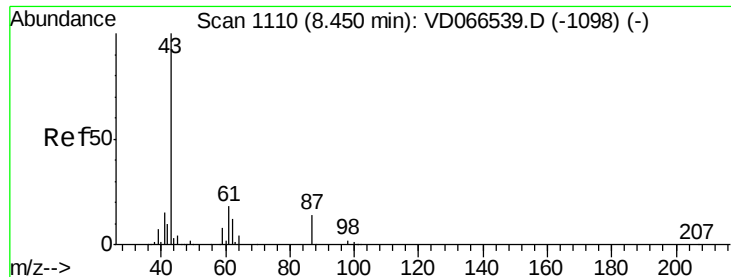
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.212 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.395 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

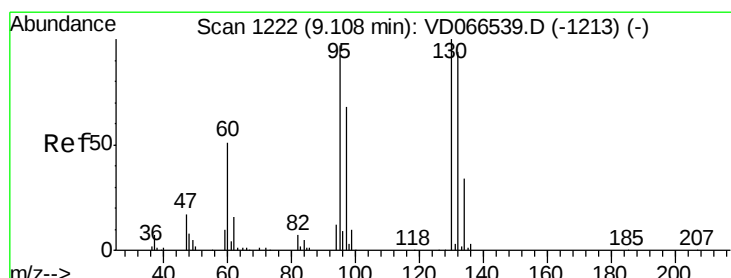
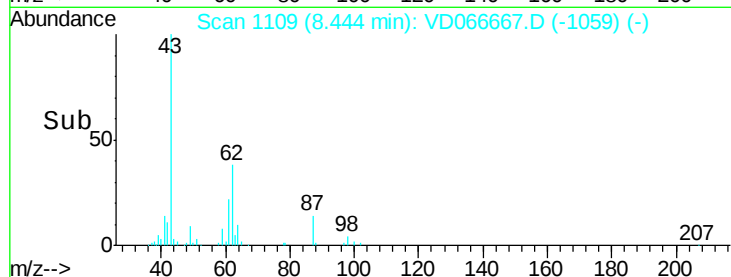
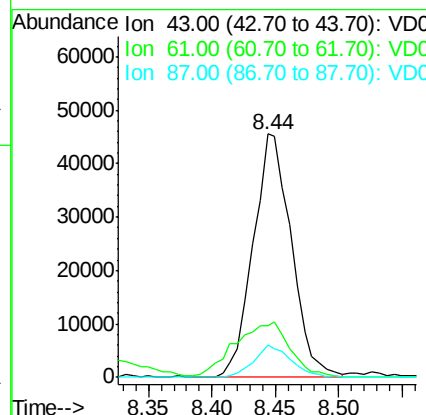
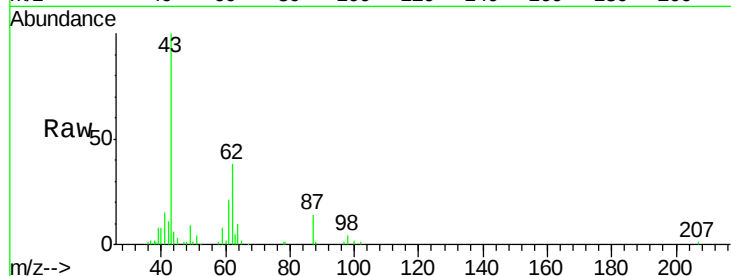
ClientSampleId :

VD0914SBS01

Tot Ion:	43	Resp:	95787
Ion	Ratio	Lower	Upper
43	100		
61	33.0	23.8	35.8
87	12.9	10.7	16.1

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#44

Trichloroethene

Concen: 20.966 ug/l

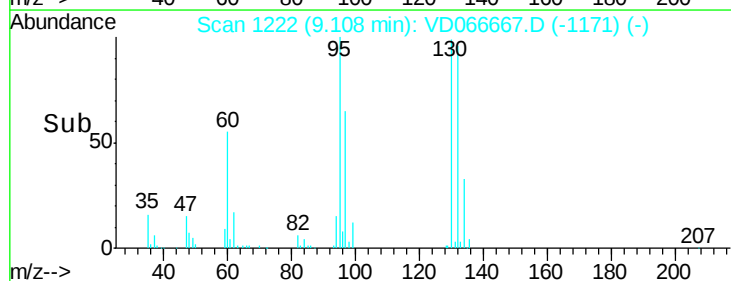
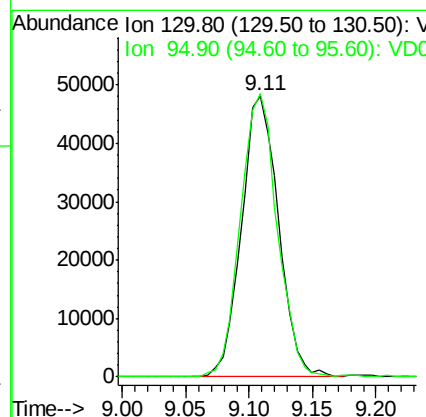
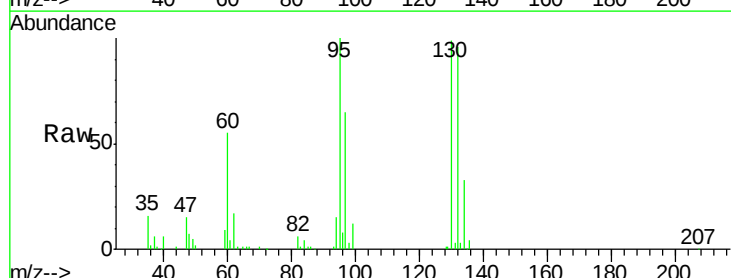
RT: 9.11 min Scan# 1222

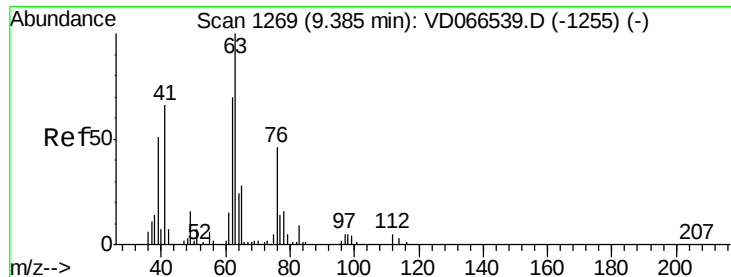
Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion:	130	Resp:	97483
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	194.4





#45

1,2-Dichloropropane

Concen: 21.169 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 63 Resp: 94363

Ion Ratio Lower Upper

63 100

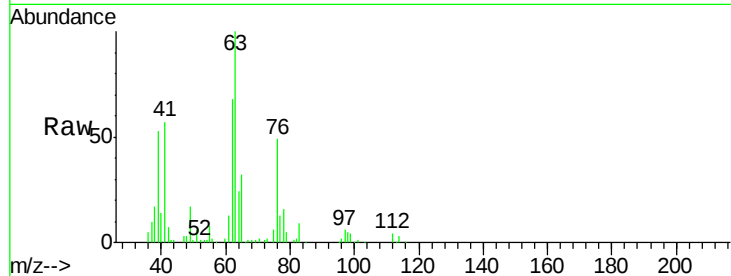
65 32.1 22.6 34.0

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

50000

40000

30000

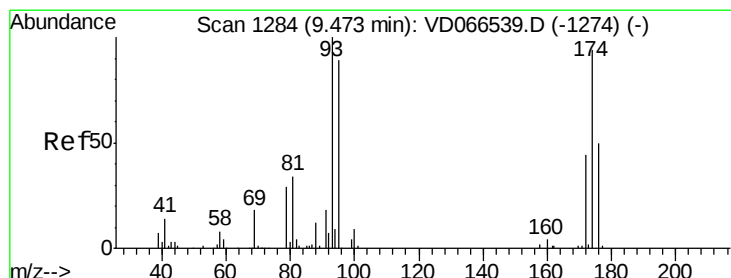
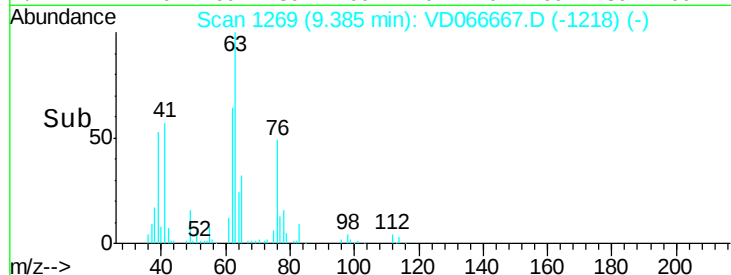
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 20.956 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

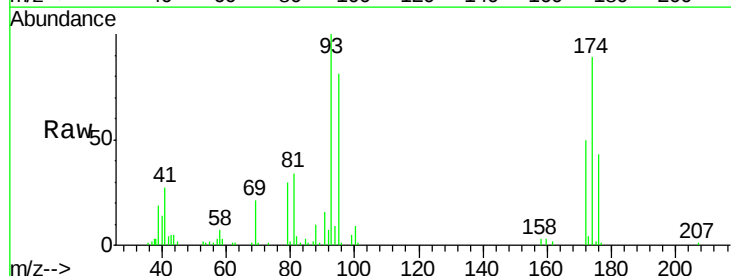
Tgt Ion: 93 Resp: 51537

Ion Ratio Lower Upper

93 100

95 80.5 68.7 103.1

174 85.3 70.0 105.0



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.47

30000

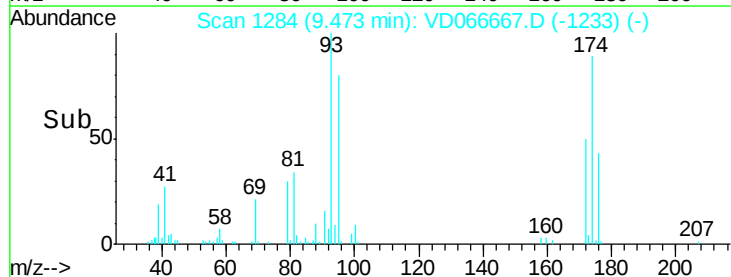
20000

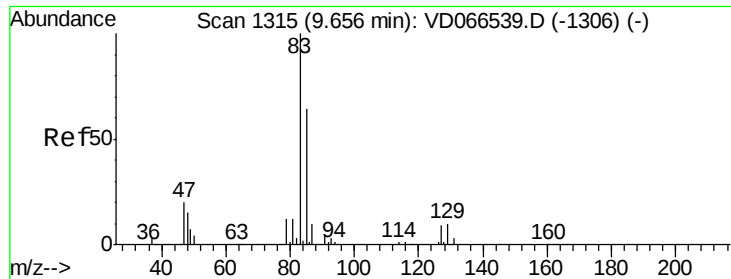
10000

0

9.40 9.45 9.50 9.55

Time-->





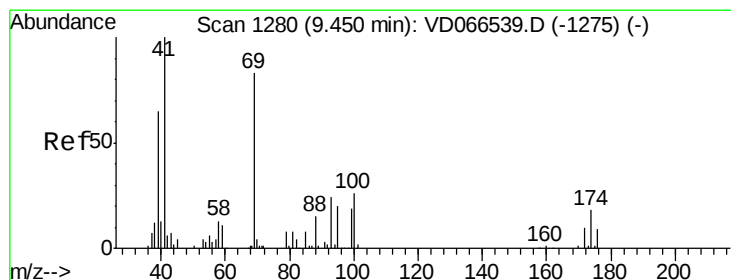
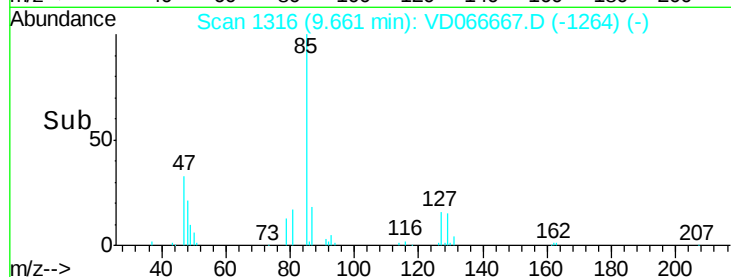
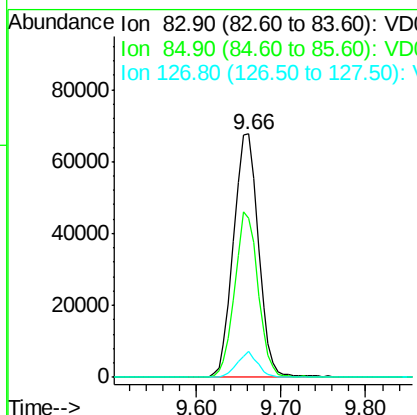
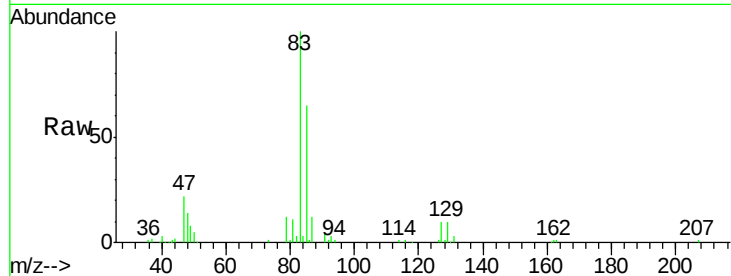
#47
Bromodichloromethane
Concen: 20.727 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	137911		
85	65.2	51.1	76.7	
127	10.5	6.9	10.3	

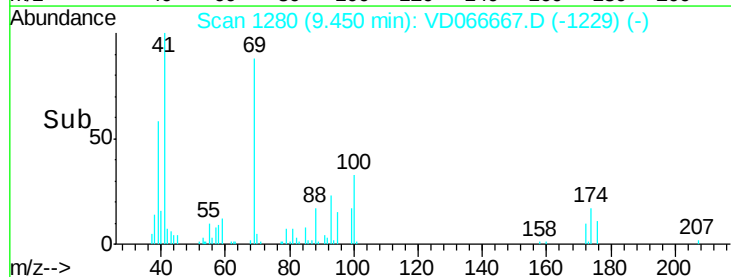
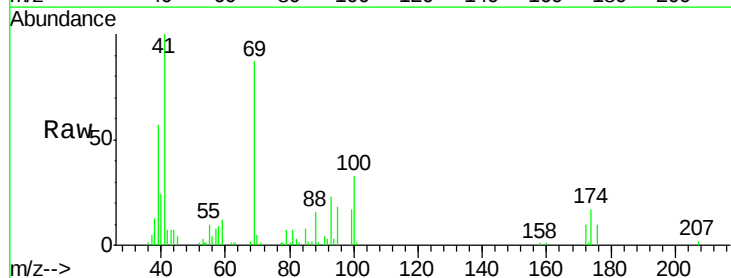
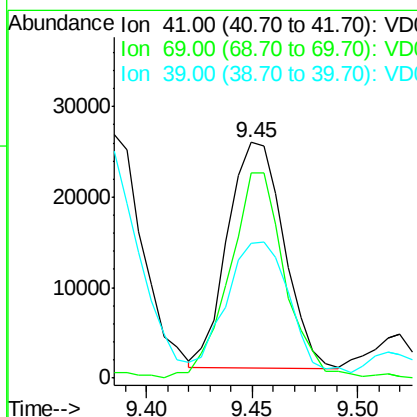
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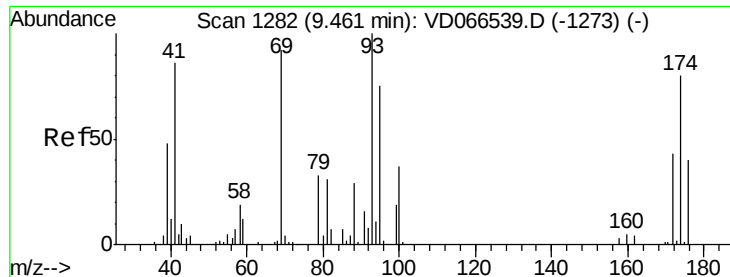
MMDadoda
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#48
Methyl methacrylate
Concen: 18.403 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	45958		
69	89.8	64.5	96.7	
39	63.7	46.6	69.8	





#49

1,4-Dioxane

Concen: 398.807 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

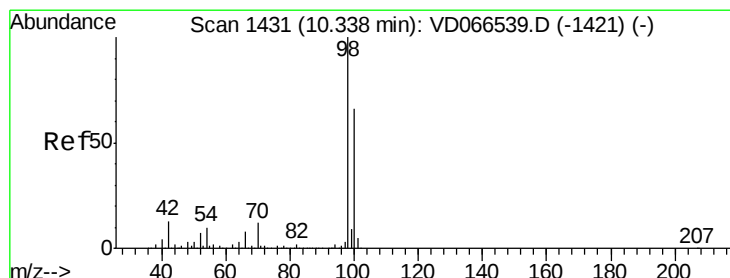
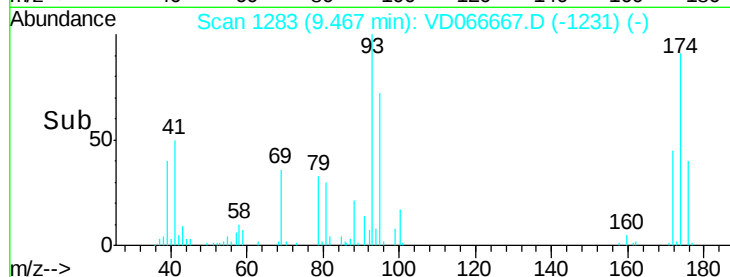
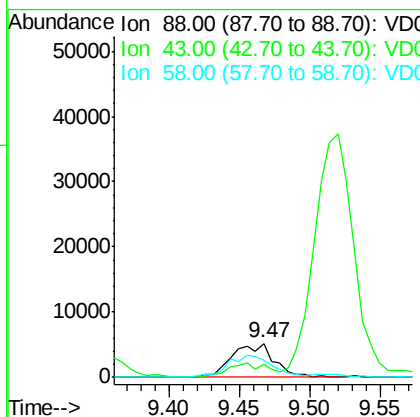
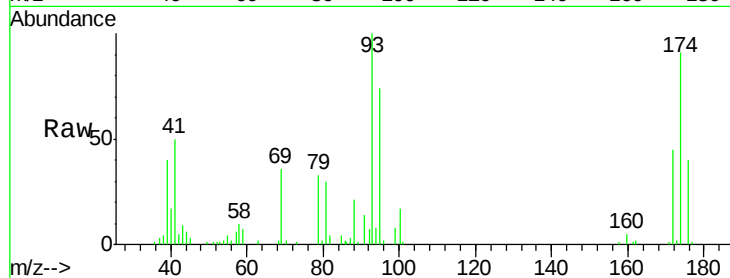
ClientSampleId :

VD0914SBS01

Tot Ion:	88	Resp:	10760
Ion	Ratio	Lower	Upper
88	100		
43	41.3	28.3	42.5
58	67.9	56.1	84.1

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#50

Toluene-d8

Concen: 53.789 ug/l

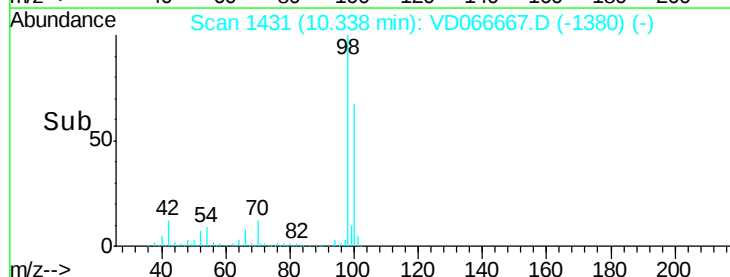
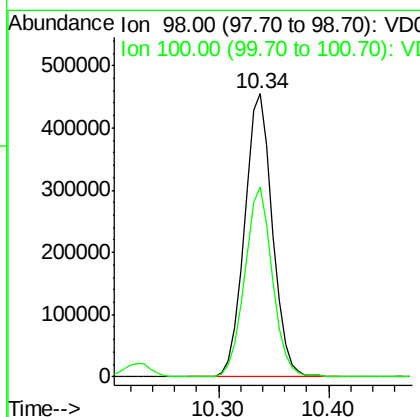
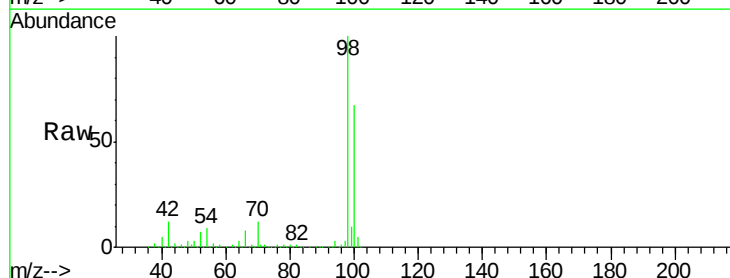
RT: 10.34 min Scan# 1431

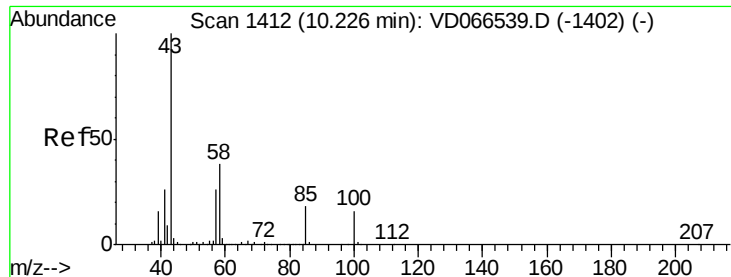
Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion:	98	Resp:	806557
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





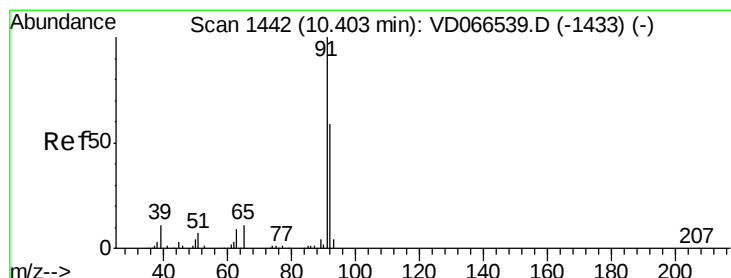
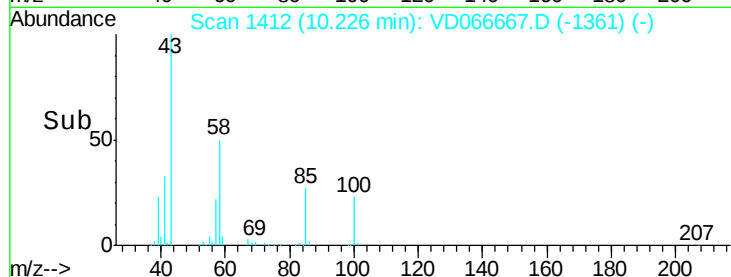
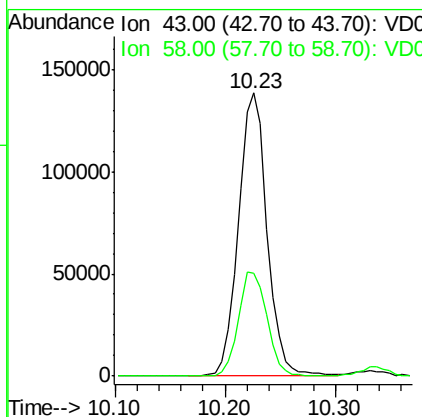
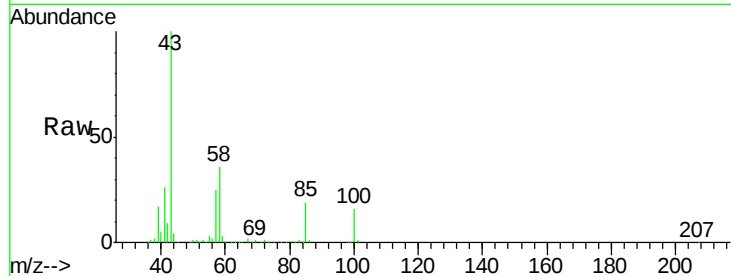
#51
4-Methyl-2-Pentanone
Concen: 101.466 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.5	45.7

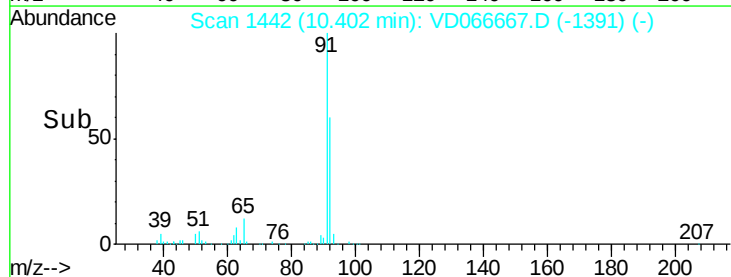
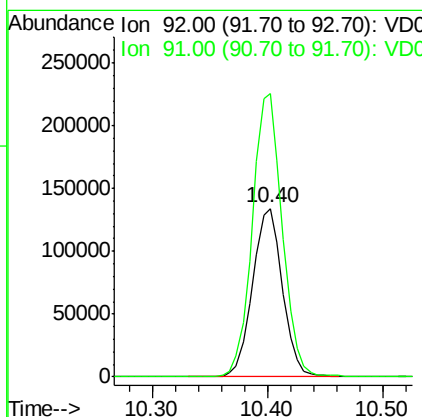
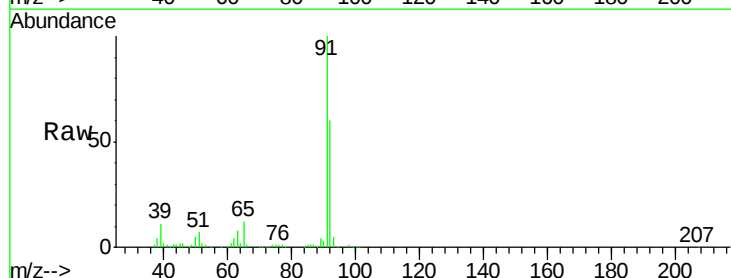
Manual Integrations
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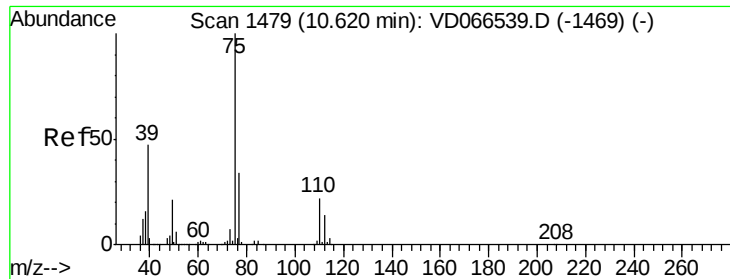
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#52
Toluene
Concen: 21.621 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.1	137.4	206.2





#53

t-1,3-Dichloropropene

Concen: 20.422 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 75 Resp: 119954

Ion Ratio Lower Upper

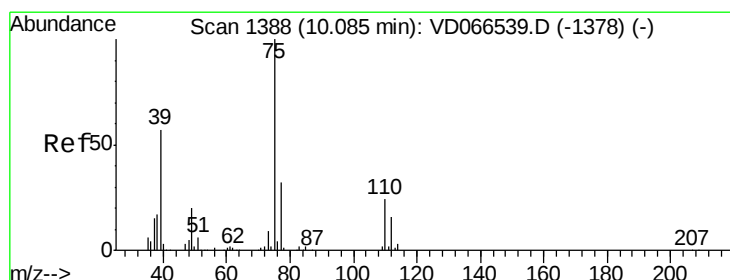
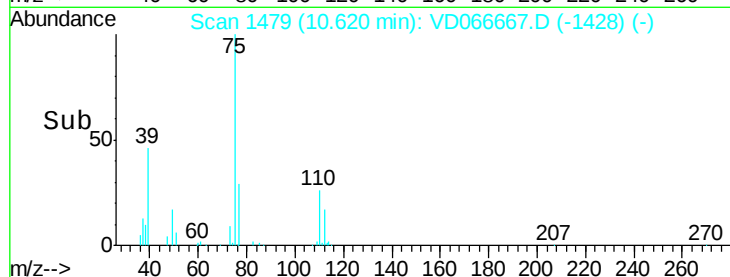
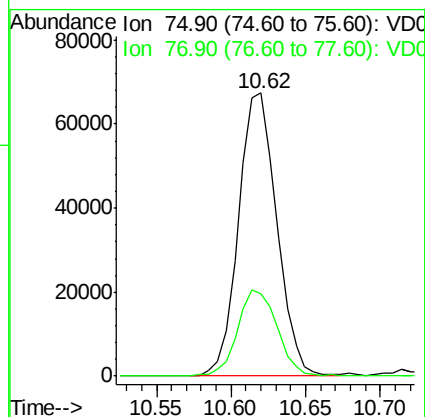
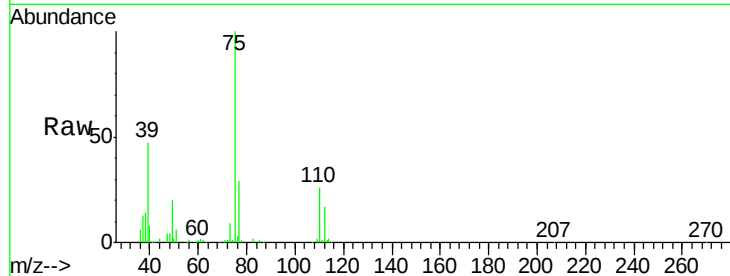
75 100

77 29.1 27.4 41.2

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.716 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

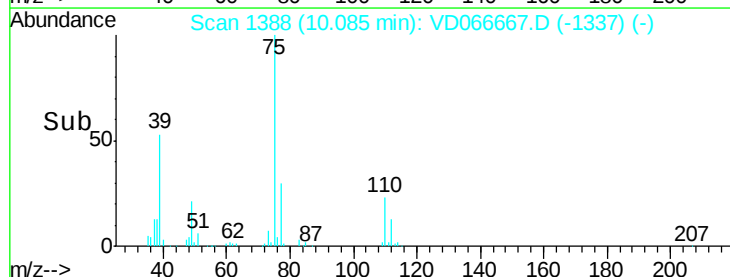
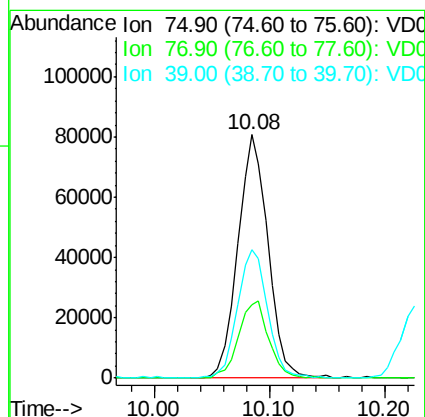
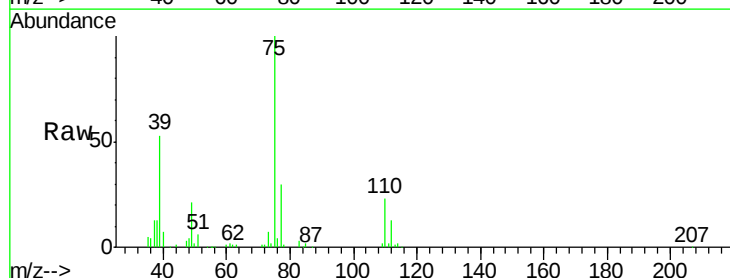
Tgt Ion: 75 Resp: 146120

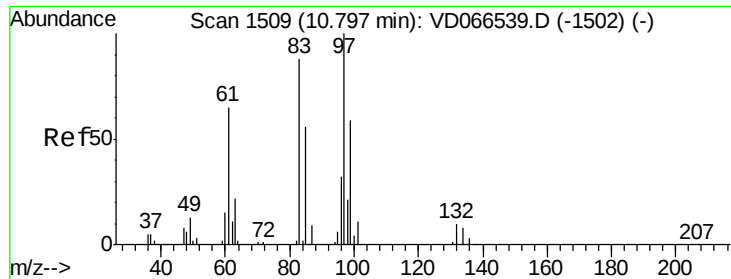
Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 52.7 45.4 68.0





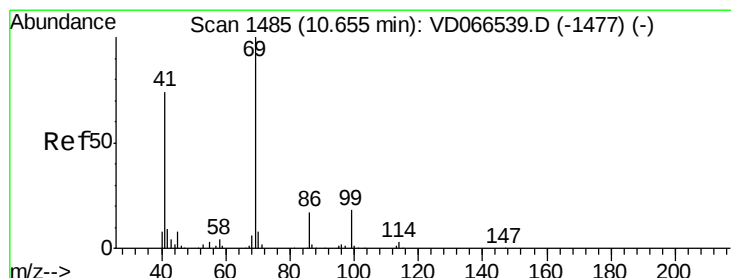
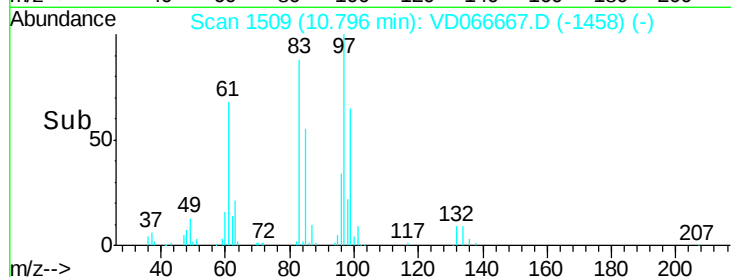
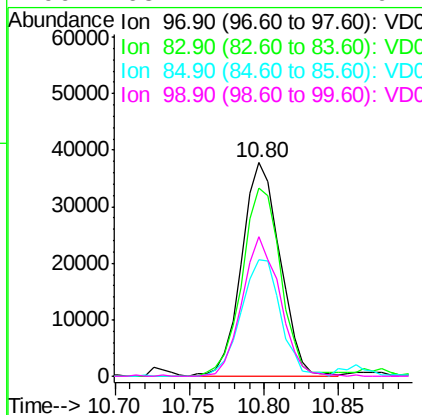
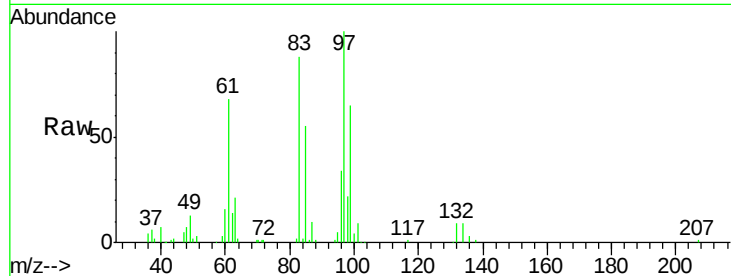
#55
 1,1,2-Trichloroethane
 Concen: 21.338 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion:	97	Resp:	67473
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.1	105.1
85	54.8	44.5	66.7
99	65.4	47.1	70.7

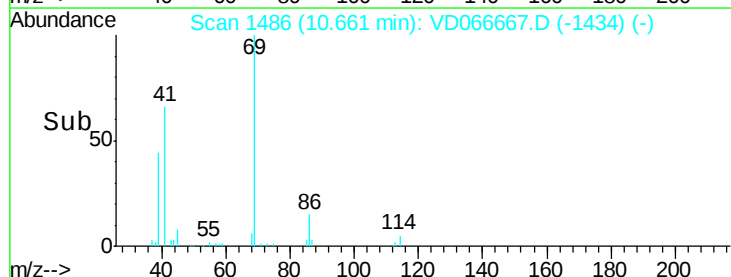
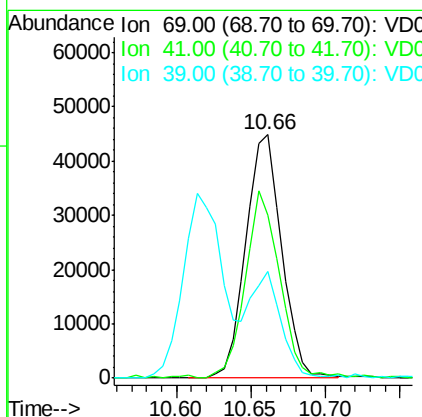
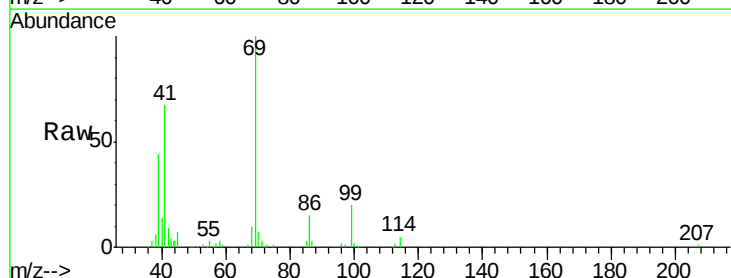
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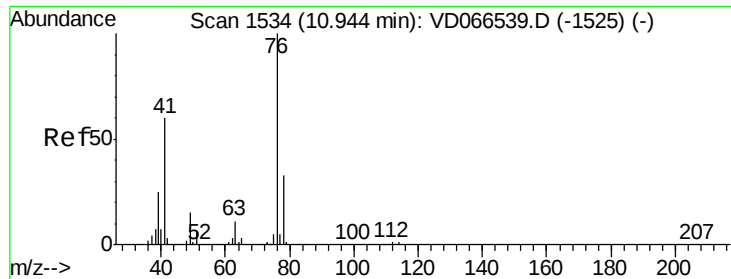
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#56
 Ethyl methacrylate
 Concen: 20.207 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion:	69	Resp:	74397
Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.8	85.2
39	35.9	30.6	46.0





#57

1,3-Dichloropropane

Concen: 20.659 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 76 Resp: 114419

Ion Ratio Lower Upper

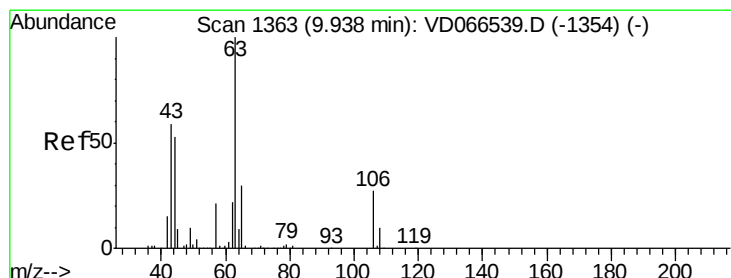
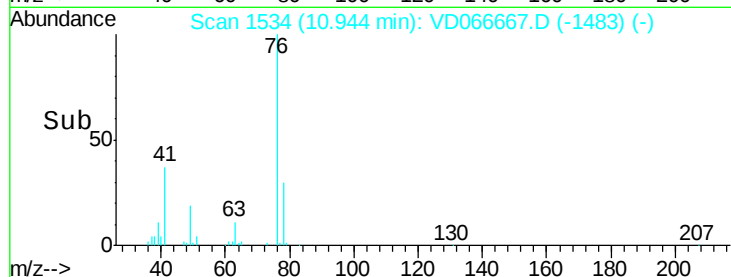
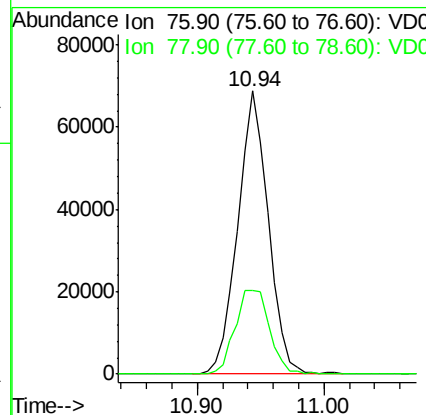
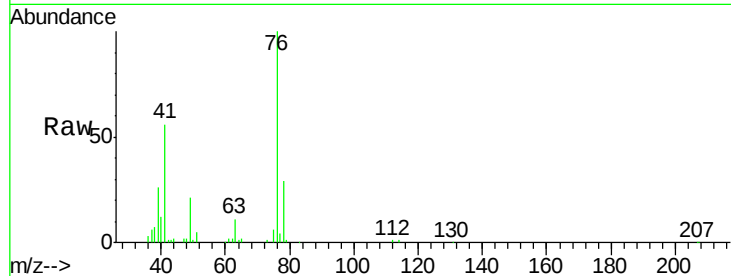
76 100

78 33.6 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 120.015 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066667.D

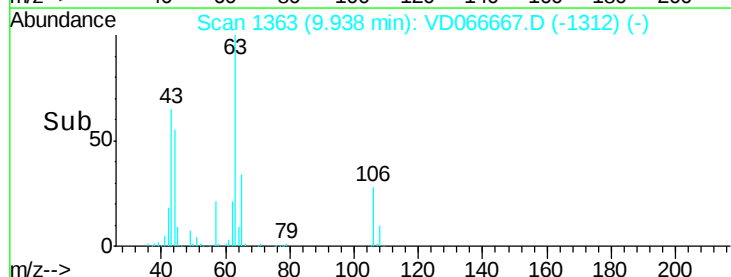
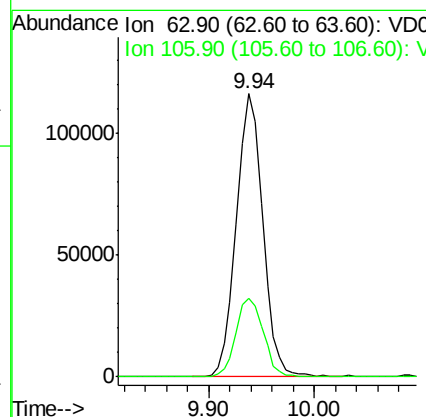
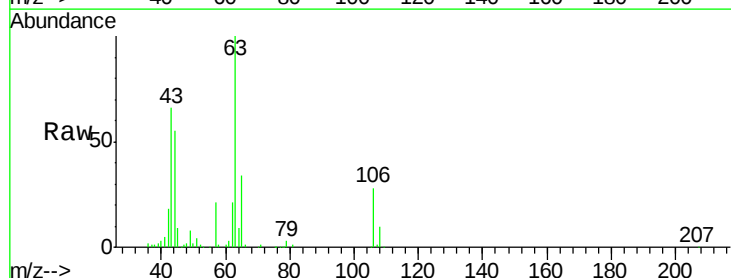
Acq: 14 Sep 2020 12:26

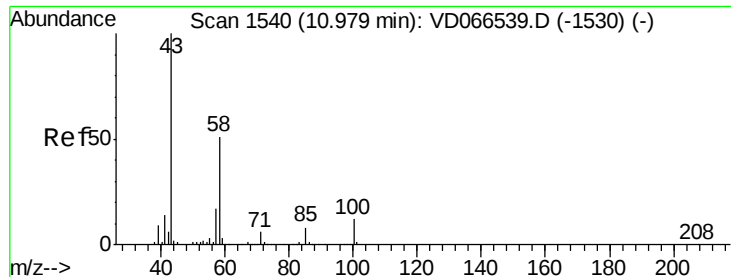
Tgt Ion: 63 Resp: 202104

Ion Ratio Lower Upper

63 100

106 28.9 22.0 33.0





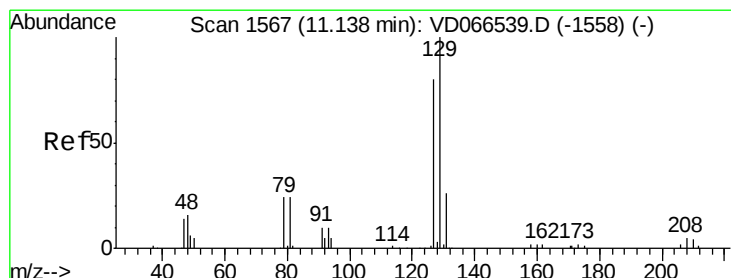
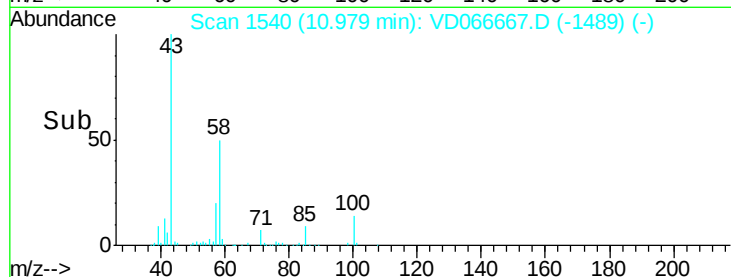
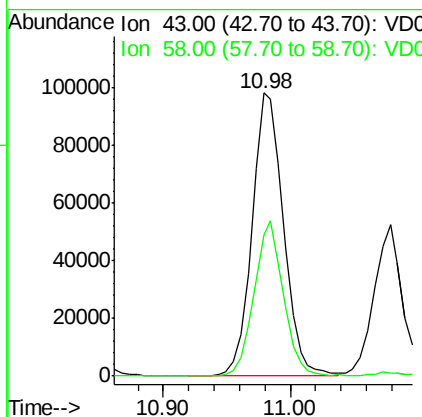
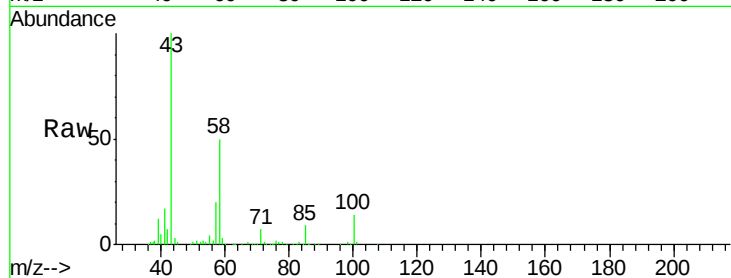
#59
2-Hexanone
Concen: 101.366 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion: 43 Resp: 169786
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8

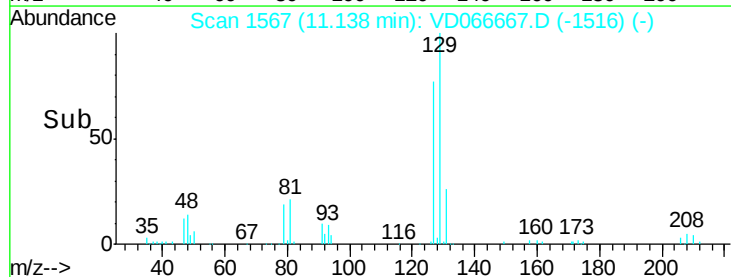
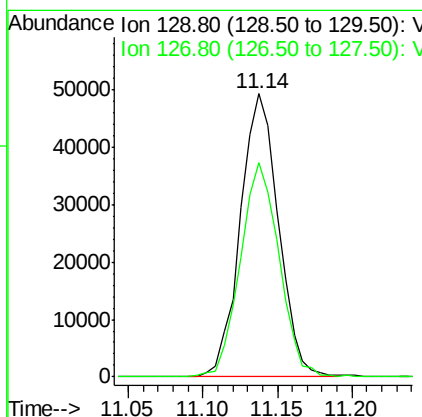
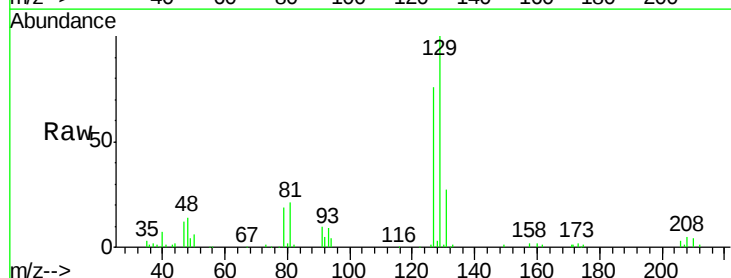
Manual Integrations
APPROVED

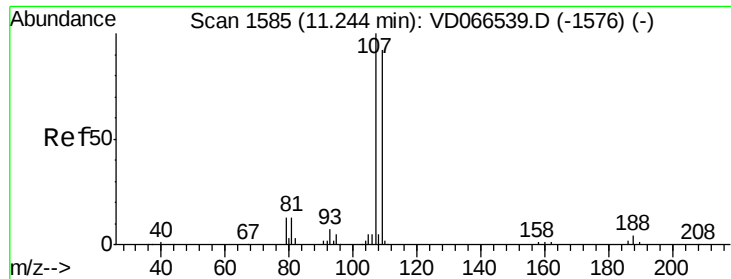
MMDadoda
9/15/2020 2:27:48 PM



#60
Dibromochloromethane
Concen: 20.884 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 129 Resp: 87323
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.3





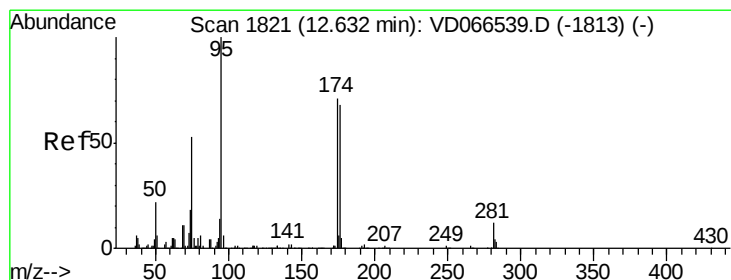
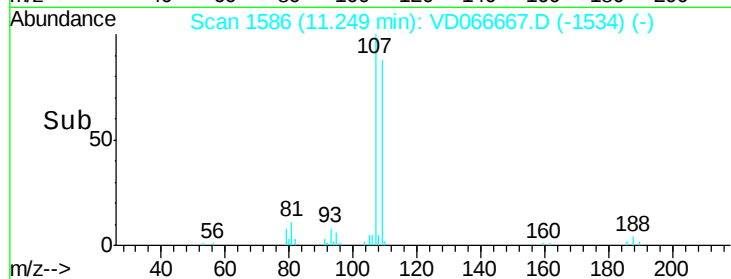
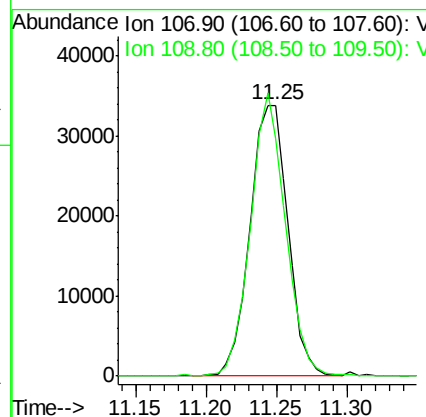
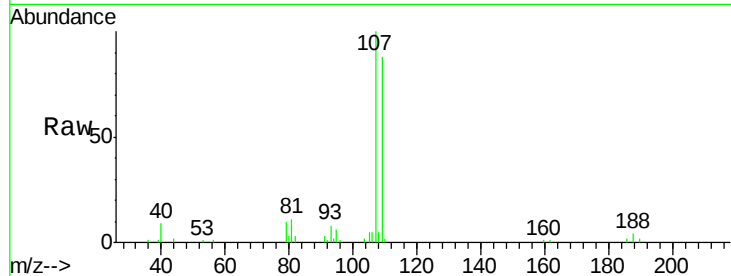
#61
 1,2-Dibromoethane
 Concen: 20.816 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	74.4	111.6

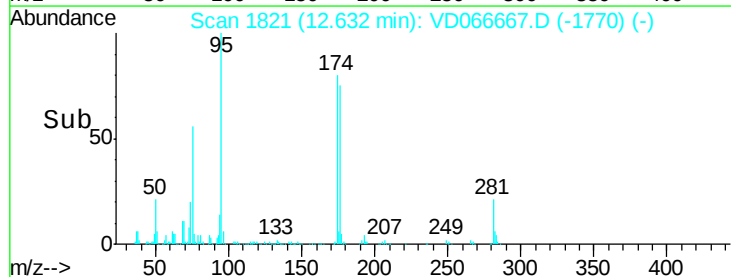
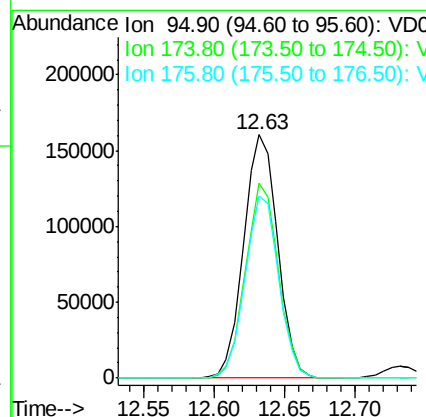
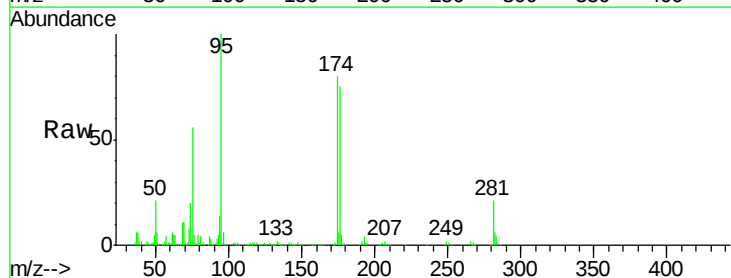
Manual Integrations
 APPROVED

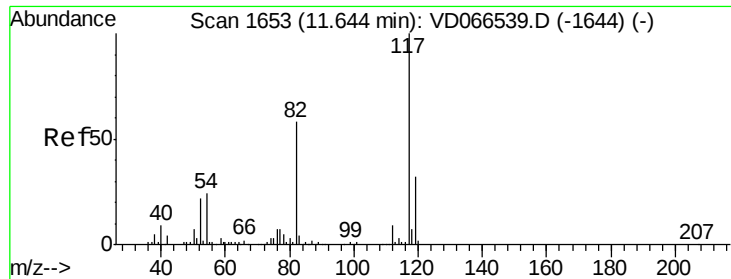
MMDadoda
 9/15/2020 2:27:48 PM



#62
 4-Bromofluorobenzene
 Concen: 54.319 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	155.8
176	74.5	0.0	148.6





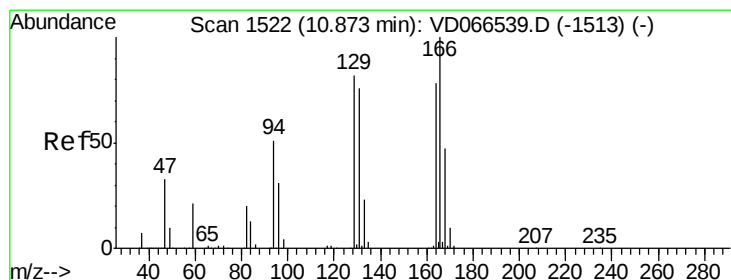
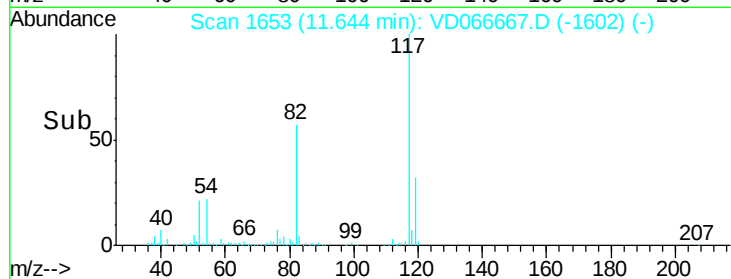
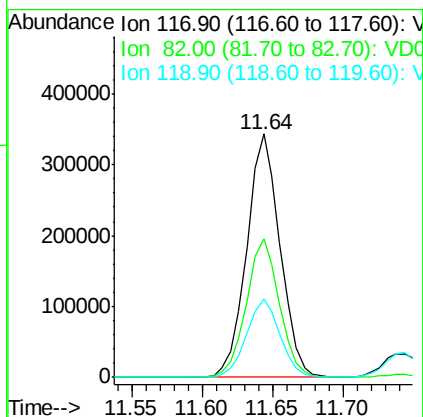
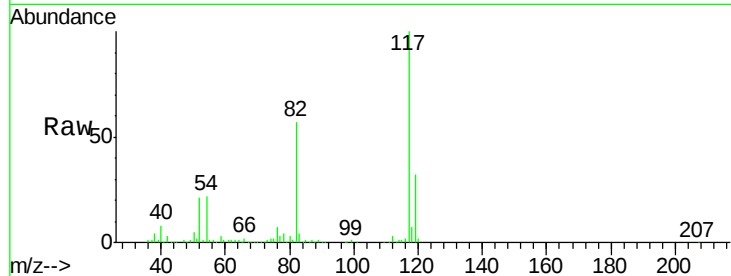
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	568950		
82	56.9	46.2	69.2	
119	32.4	25.8	38.8	

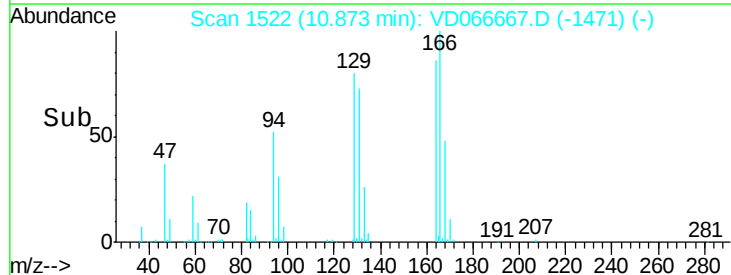
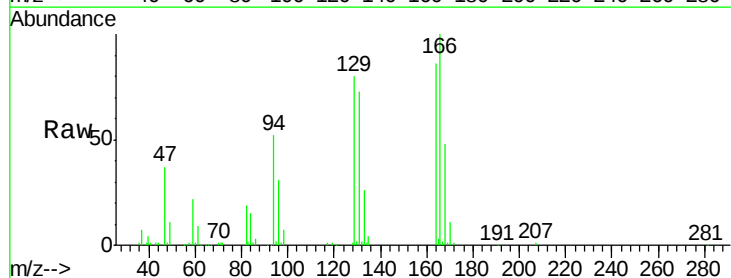
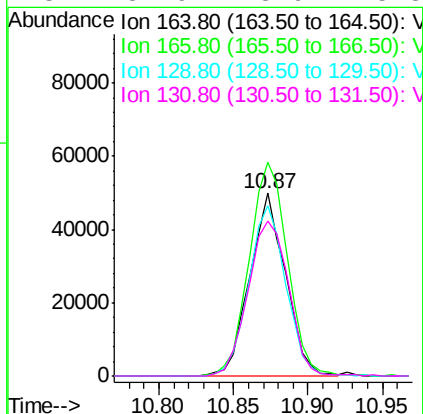
Manual Integrations
APPROVED

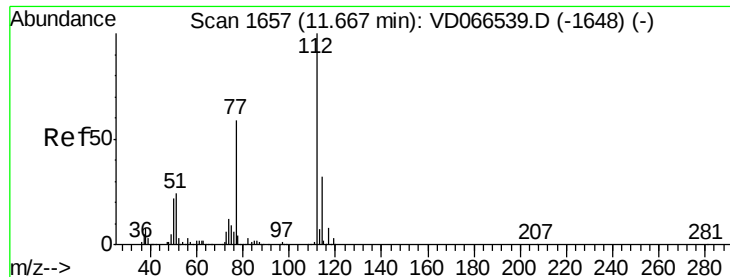
MMDadoda
9/15/2020 2:27:48 PM



#64
Tetrachloroethene
Concen: 21.489 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82320		
166	116.9	103.2	154.8	
129	93.0	84.5	126.7	
131	84.9	78.9	118.3	





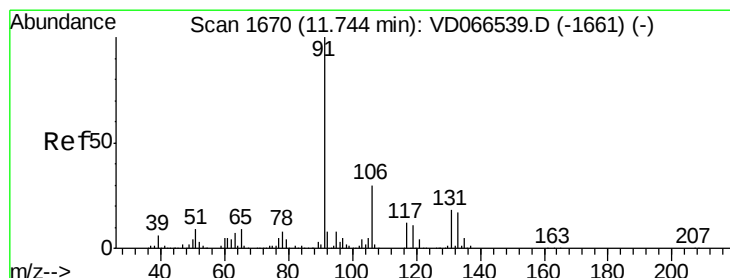
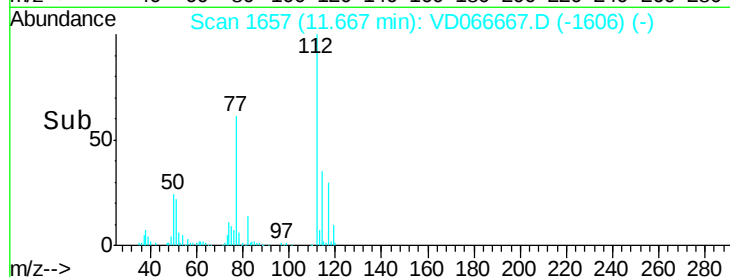
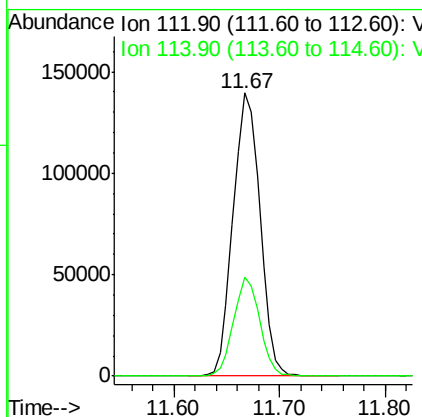
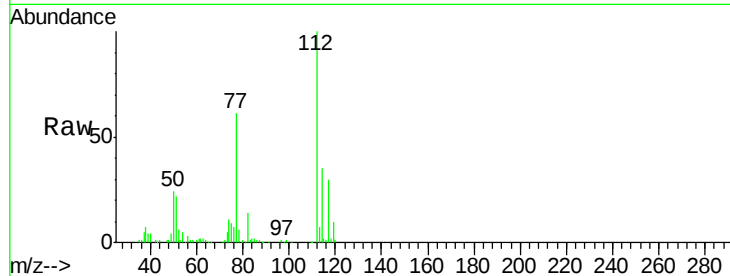
#65
Chlorobenzene
Concen: 20.887 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.9	25.7	38.5

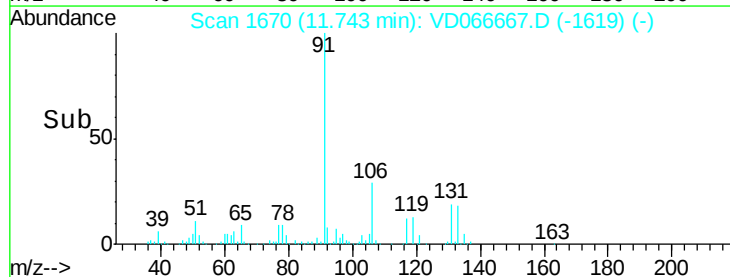
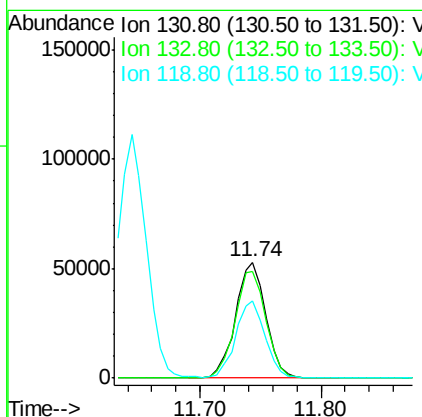
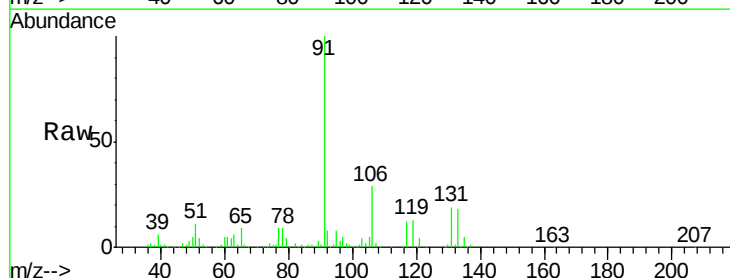
Manual Integrations
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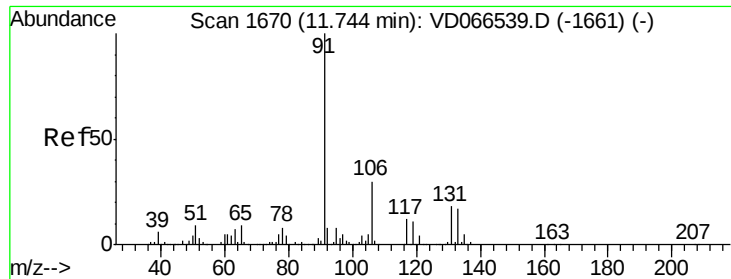
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.631 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	46.7	140.0
119	65.1	31.9	95.7





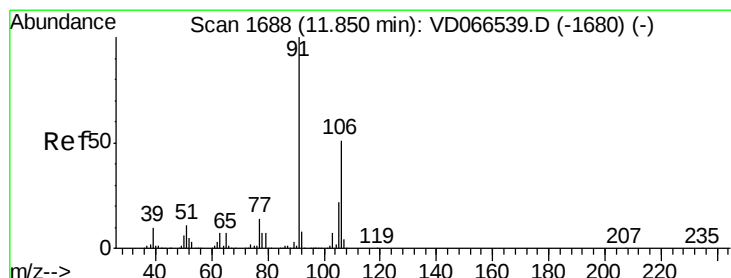
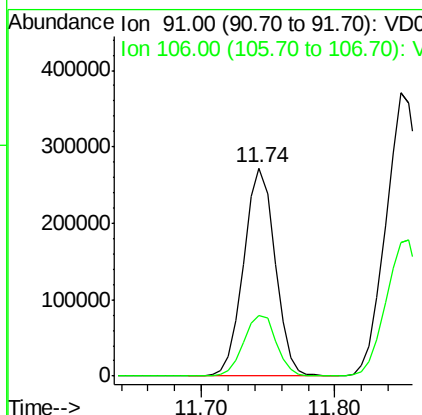
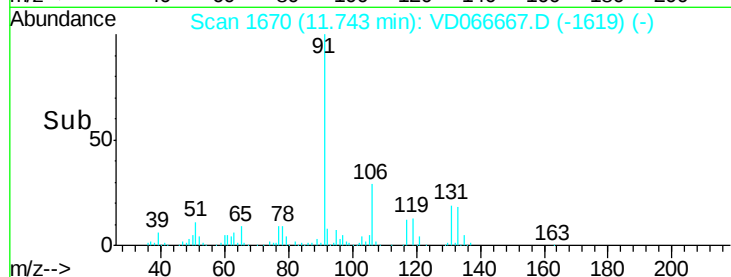
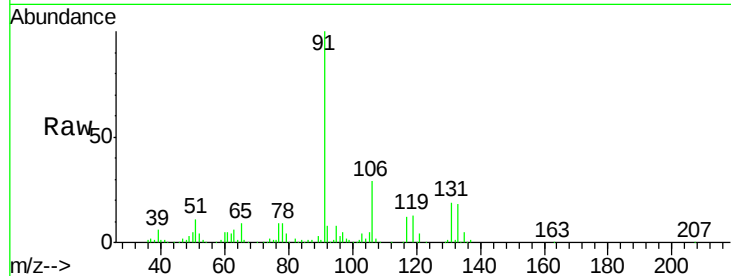
#67
Ethyl Benzene
Concen: 20.595 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion: 91 Resp: 444069
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5

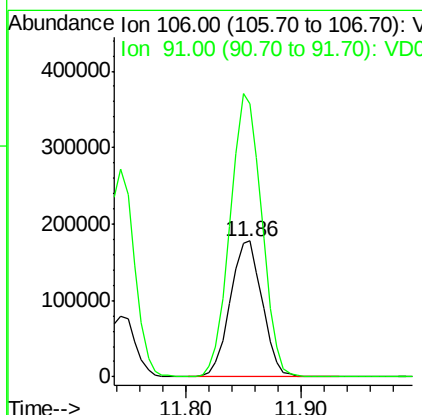
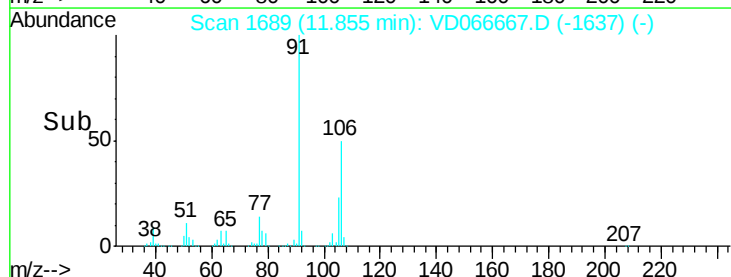
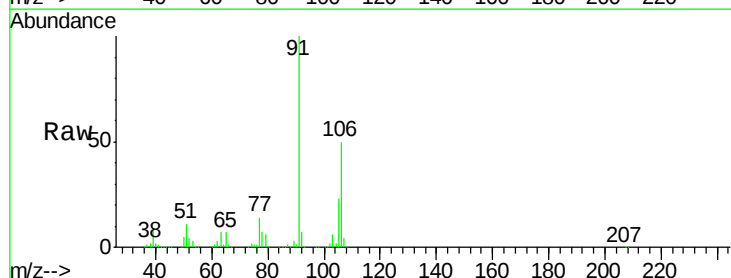
Manual Integrations
APPROVED

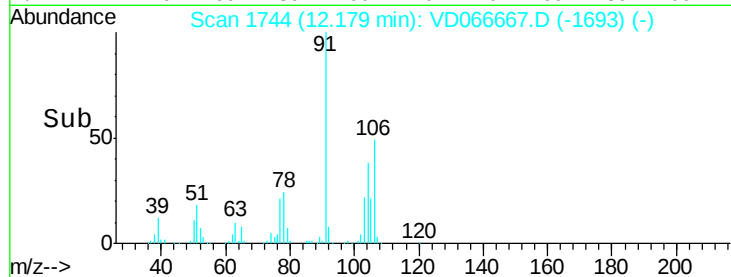
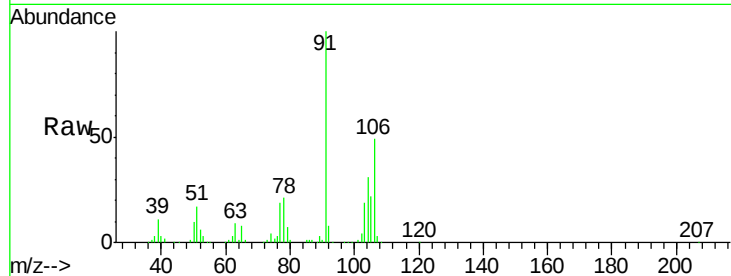
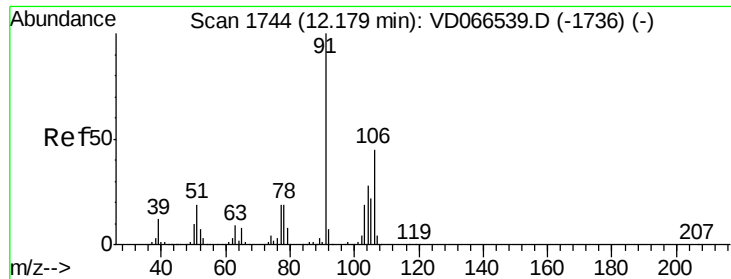
MMDadoda
9/15/2020 2:27:48 PM



#68
m/p-Xylenes
Concen: 42.644 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion: 106 Resp: 341409
Ion Ratio Lower Upper
106 100
91 206.0 162.4 243.6





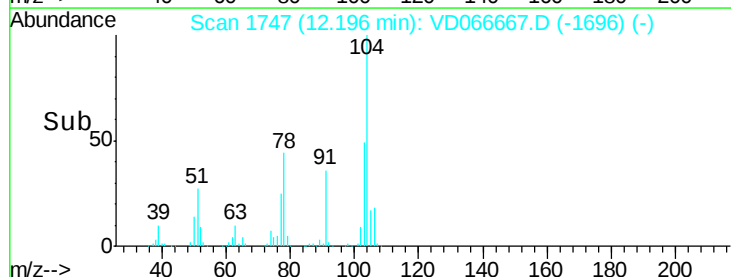
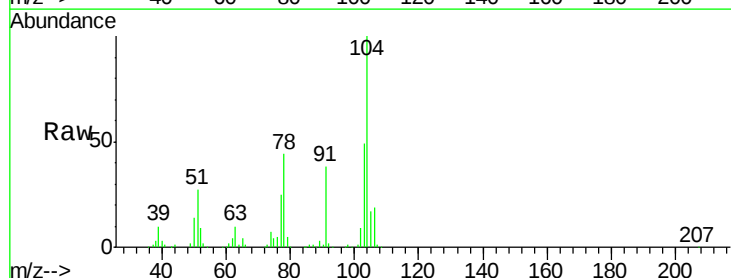
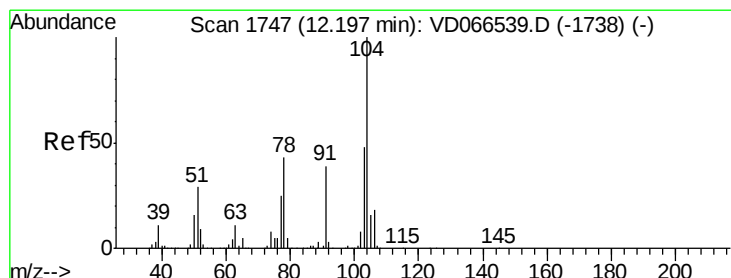
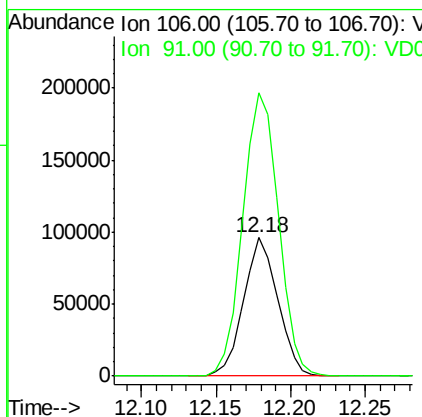
#69
o-Xylene
Concen: 21.260 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tot Ion:106 Resp: 152536
Ion Ratio Lower Upper
106 100
91 213.7 107.9 323.8

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

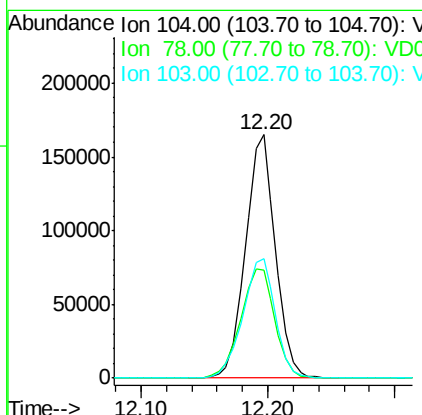
Manual Integrations
APPROVED

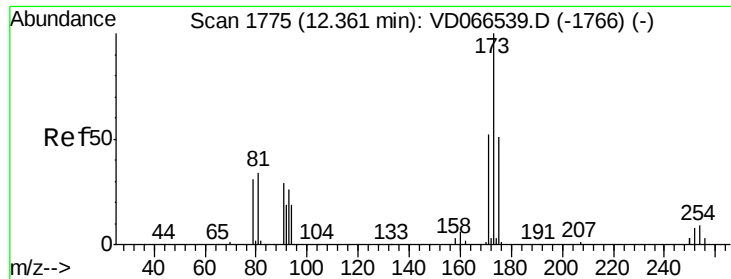
MMDadoda
9/15/2020 2:27:48 PM



#70
Styrene
Concen: 21.650 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion:104 Resp: 270058
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 53.5 42.9 64.3





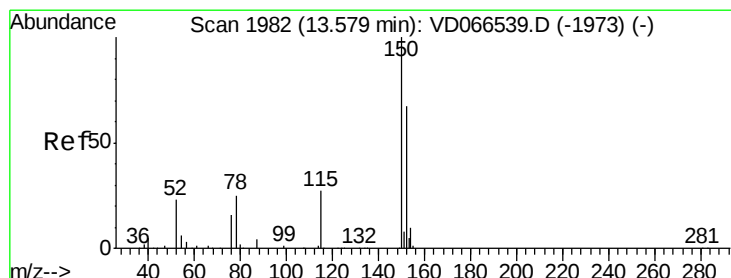
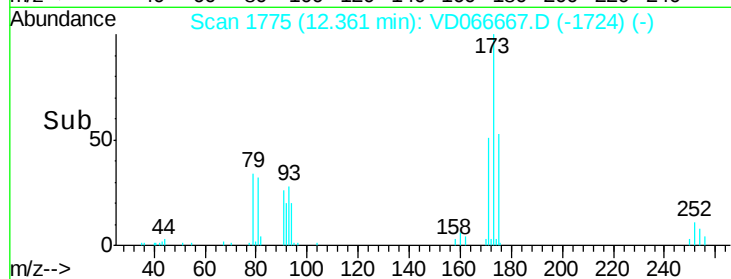
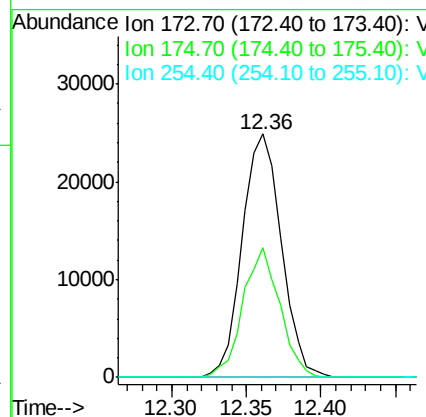
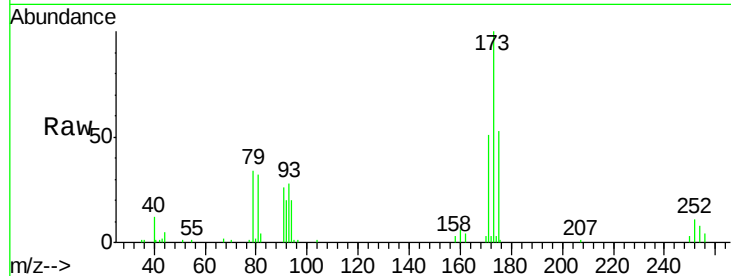
#71
Bromoform
Concen: 20.043 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.2	72.6
254	0.0	0.0	0.0

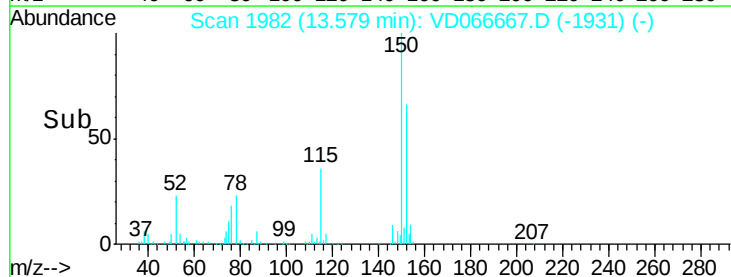
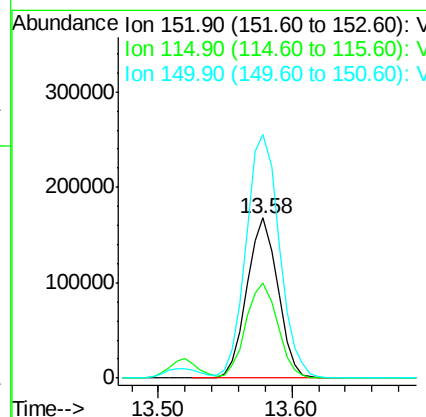
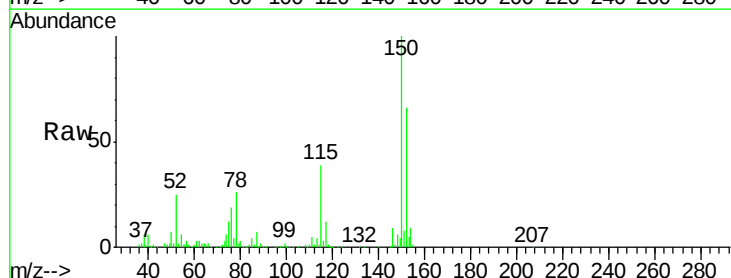
Manual Integrations
APPROVED

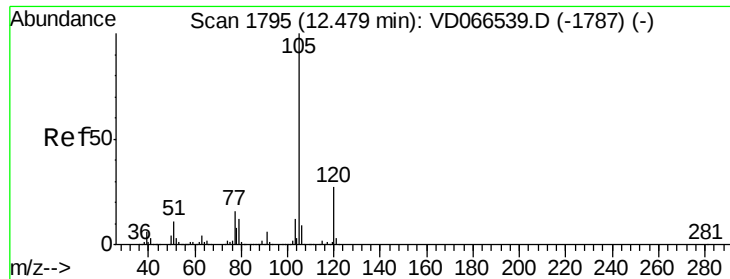
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.4	91.2
150	164.6	0.0	345.8





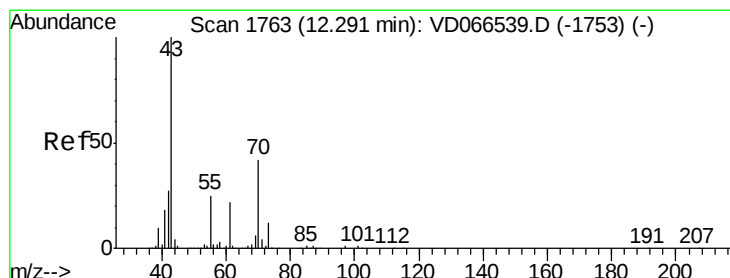
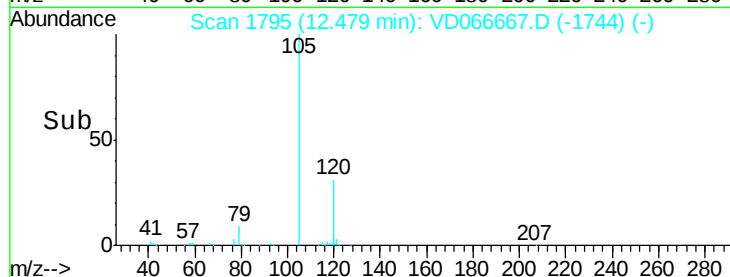
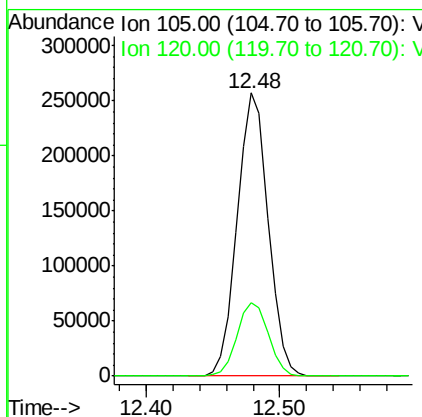
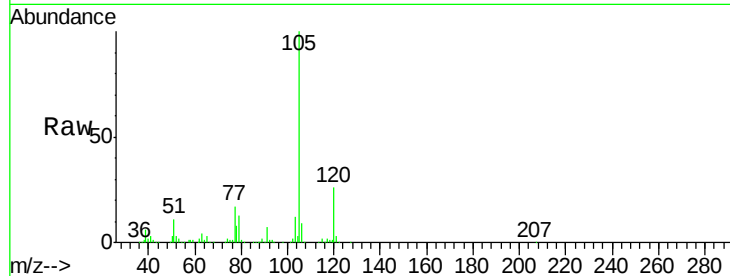
#73
Isopropylbenzene
Concen: 20.839 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	39.0

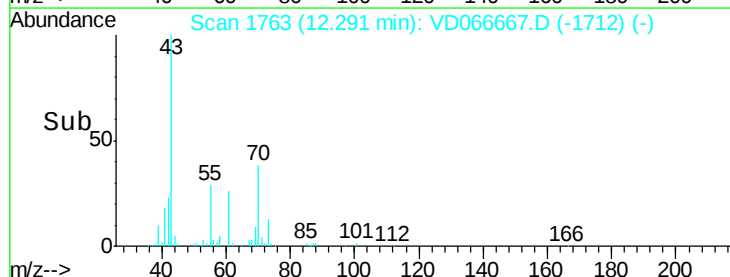
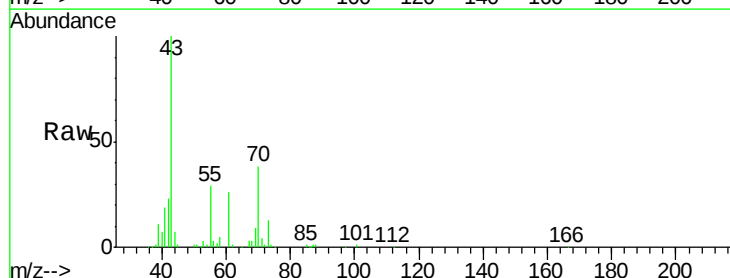
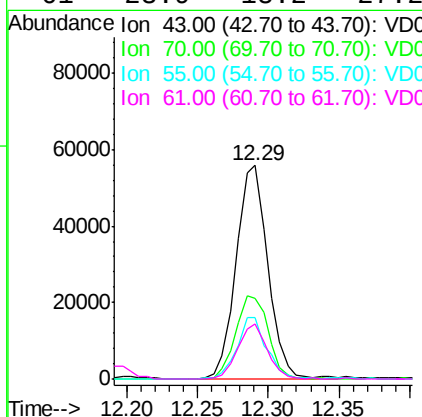
Manual Integrations
APPROVED

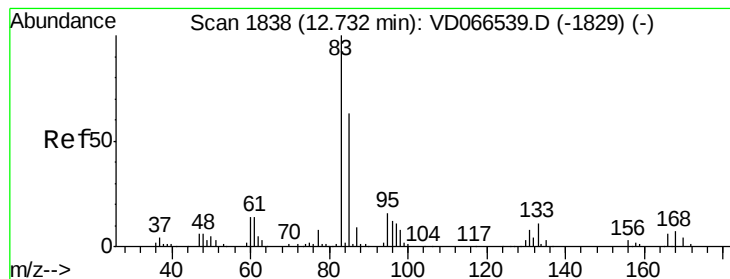
MMDadoda
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#74
N-ethyl acetate
Concen: 19.579 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.0	33.4	50.2
55	27.0	20.1	30.1
61	23.9	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.975 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 83 Resp: 73392

Ion Ratio Lower Upper

83 100

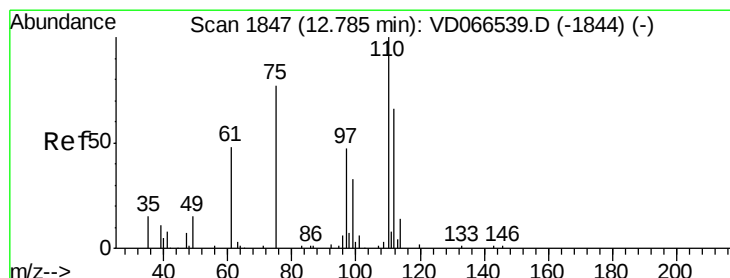
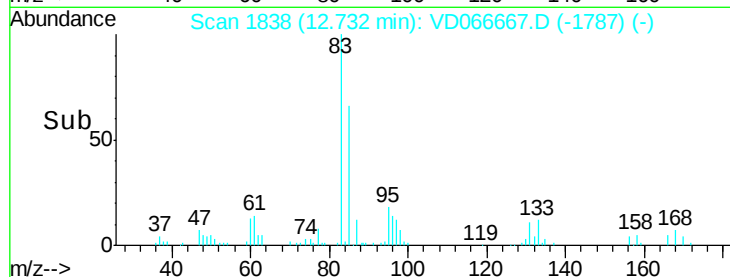
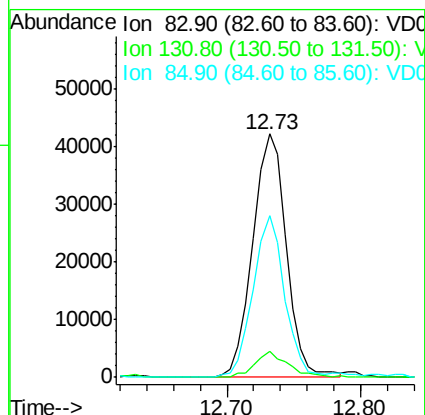
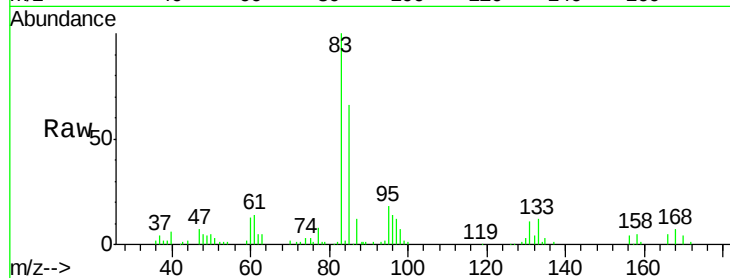
131 10.4 5.0 15.0

85 62.3 32.1 96.3

Manual Integrations
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MMDadoda

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#76

1,2,3-Trichloropropane

Concen: 22.093 ug/l m

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066667.D

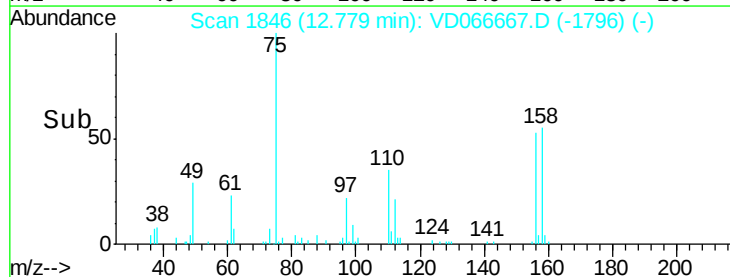
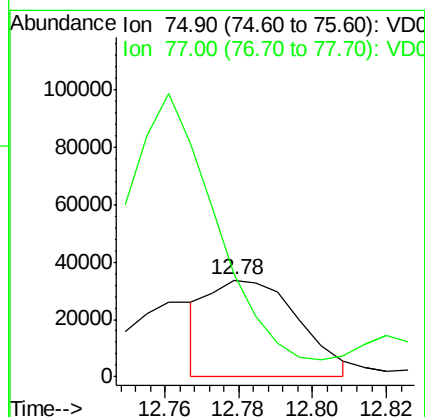
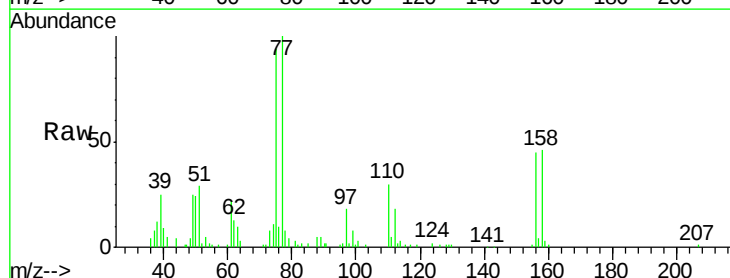
Acq: 14 Sep 2020 12:26

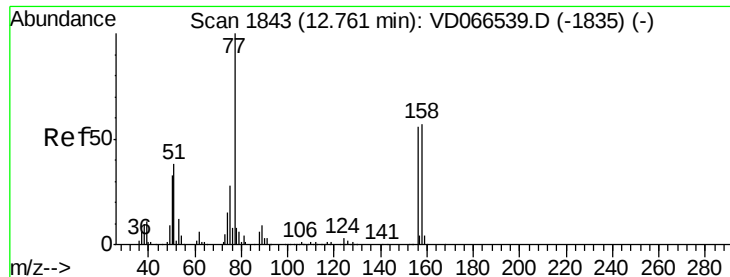
Tgt Ion: 75 Resp: 56836

Ion Ratio Lower Upper

75 100

77 317.3 0.0 0.0#





#77

Bromobenzene

Concen: 21.849 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

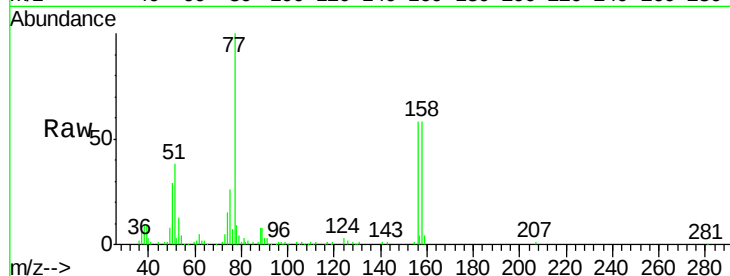
ClientSampleId :

VD0914SBS01

Tot Ion:	156	Resp:	96475
Ion	Ratio	Lower	Upper
156	100		
77	187.0	98.0	294.1
158	98.6	48.1	144.3

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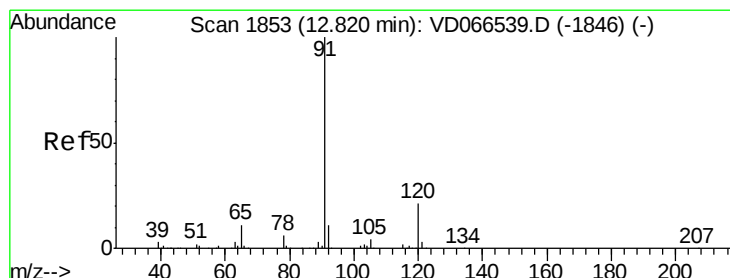
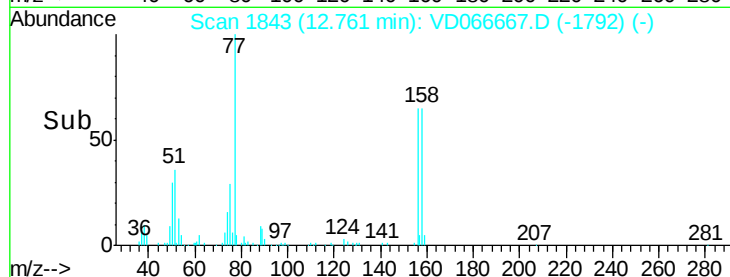
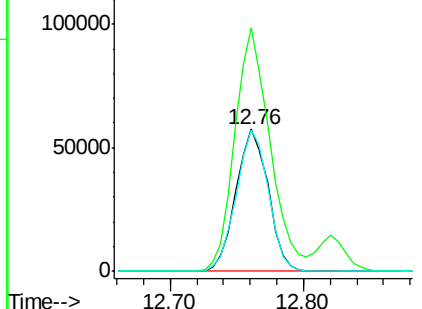
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.374 ug/l

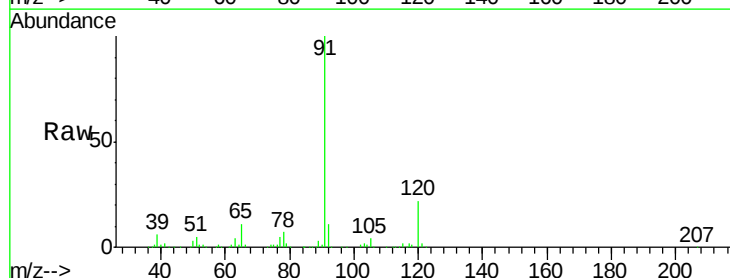
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066667.D

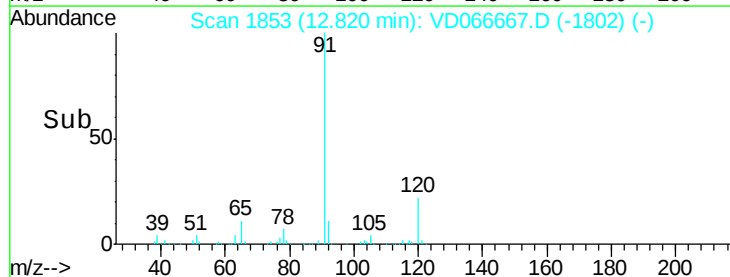
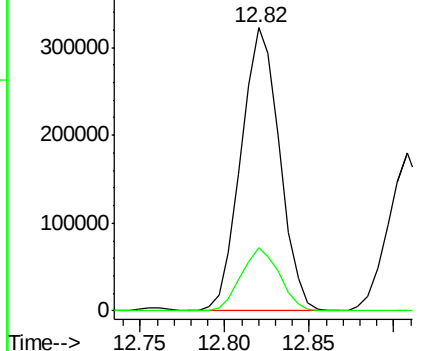
Acq: 14 Sep 2020 12:26

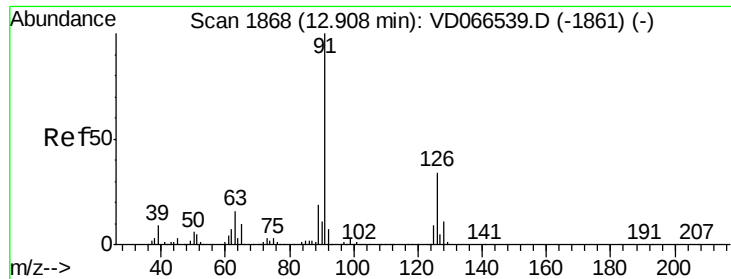
Tgt Ion:	91	Resp:	513177
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





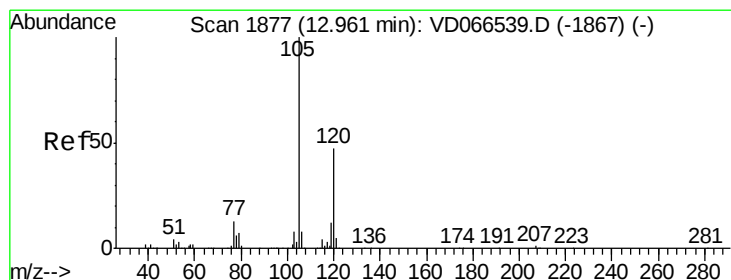
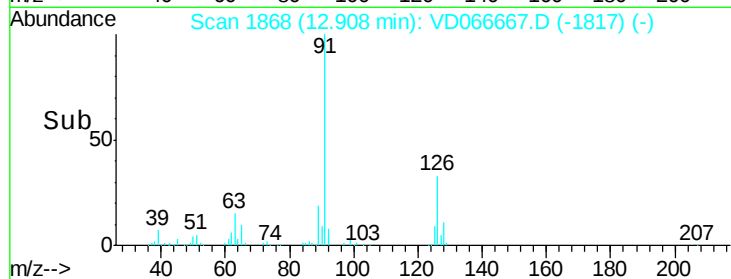
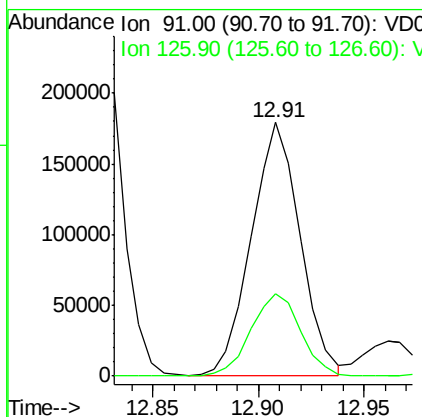
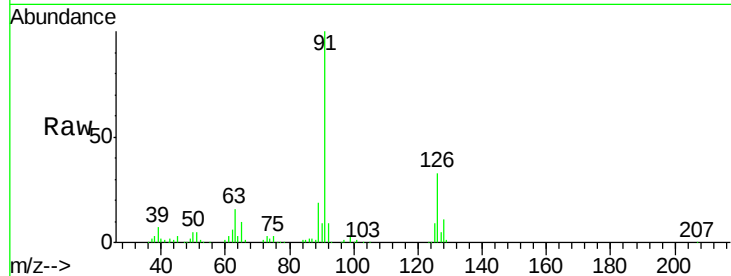
#79
2-Chlorotoluene
Concen: 21.282 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	286650		
126	33.3	16.4	49.4	

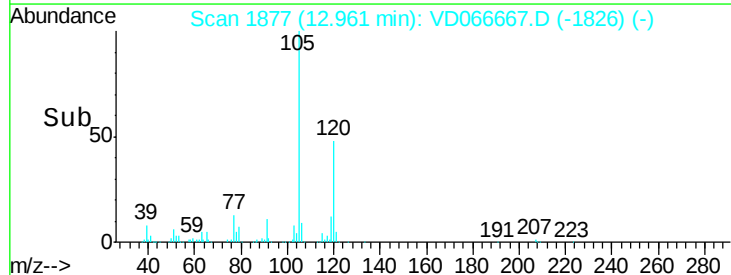
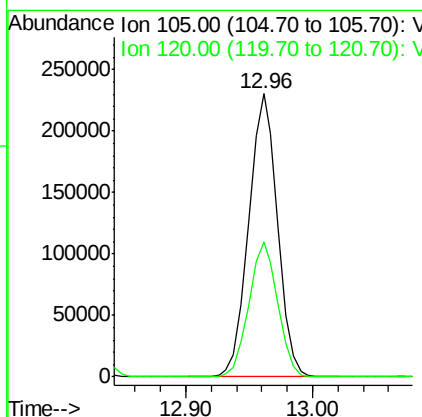
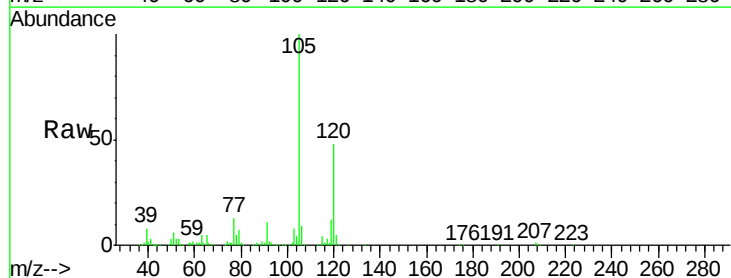
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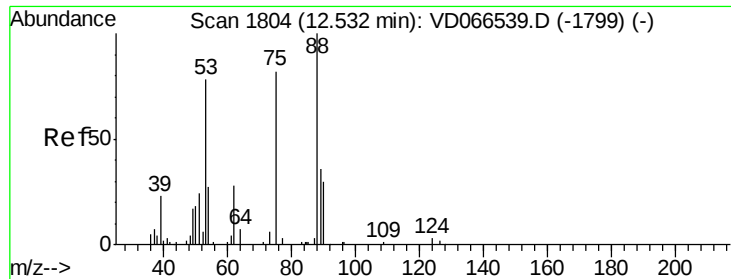
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#80
1,3,5-Trimethylbenzene
Concen: 21.805 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	363478		
120	47.8	23.9	71.8	





#81

trans-1,4-Dichloro-2-butene

Concen: 20.743 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

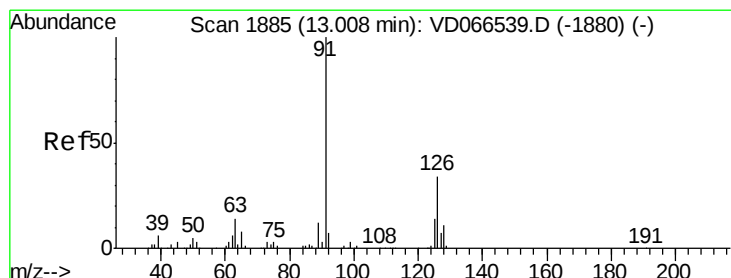
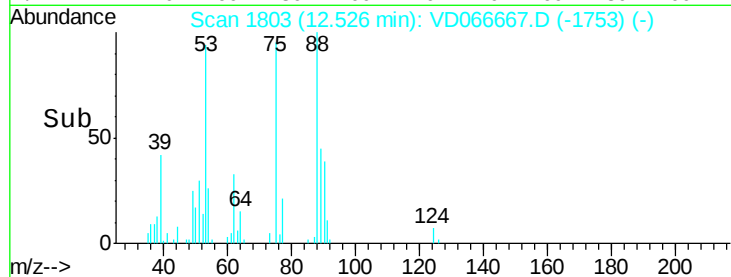
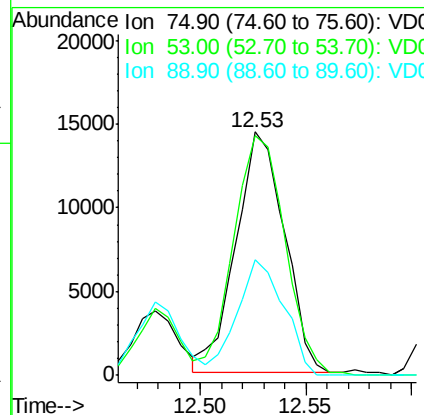
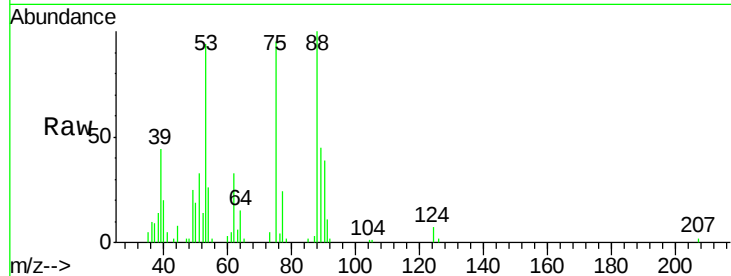
ClientSampleId :

VD0914SBS01

Tot Ion:	75	Resp:	22858
Ion Ratio	Lower	Upper	
75	100		
53	106.3	87.0	130.4
89	46.4	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.376 ug/l

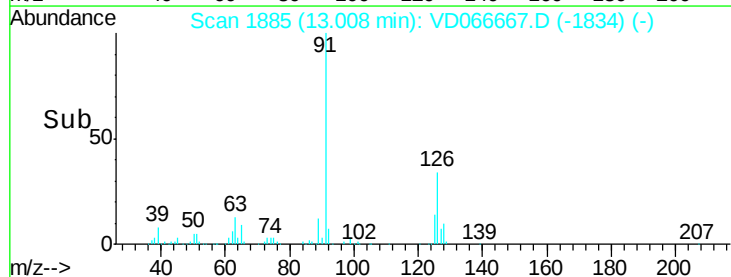
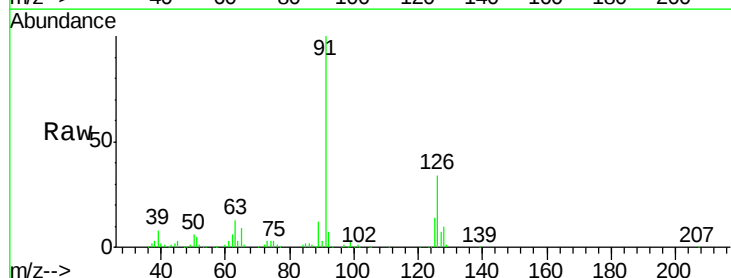
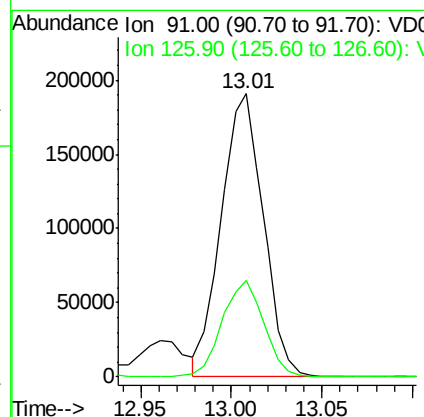
RT: 13.01 min Scan# 1885

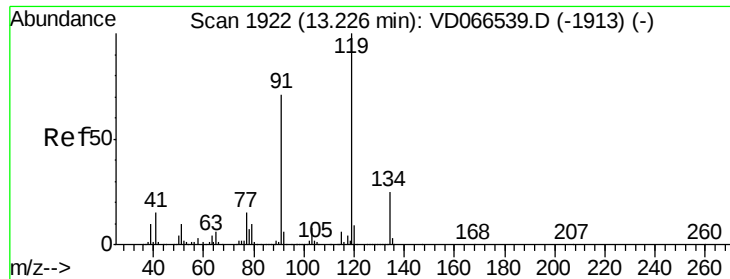
Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Tgt Ion:	91	Resp:	307891
Ion Ratio	Lower	Upper	
91	100		
126	33.8	16.4	49.1





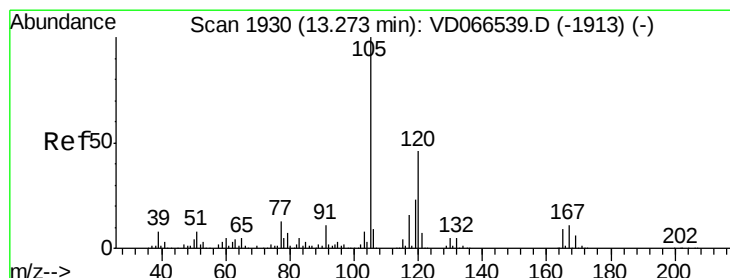
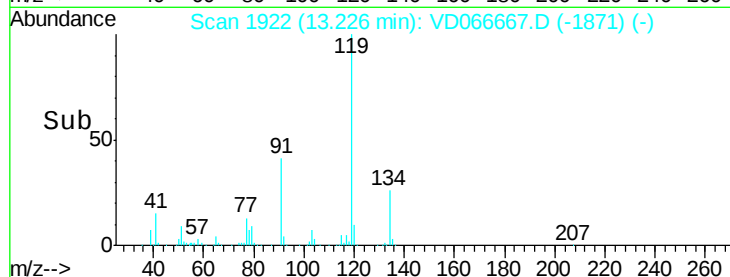
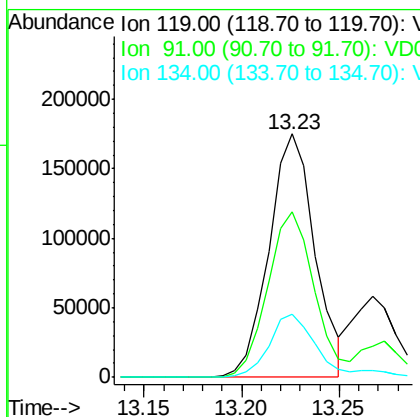
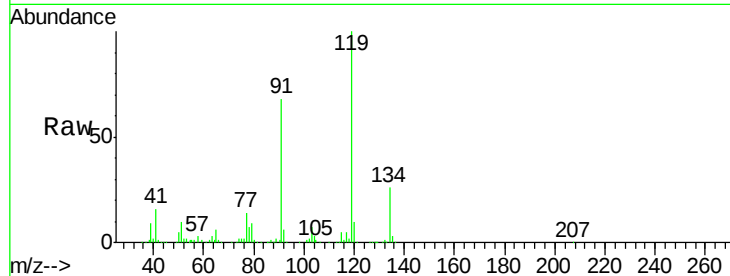
#83
tert-Butylbenzene
Concen: 20.936 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	284998		
91	69.5	35.2	105.6	
134	25.6	13.5	40.5	

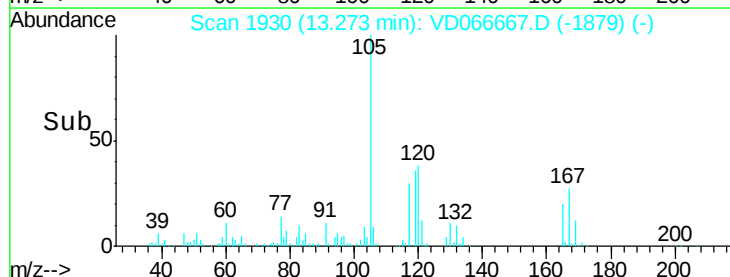
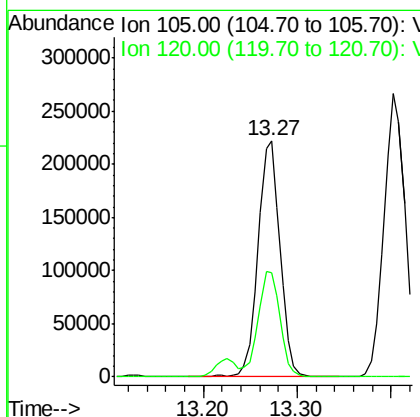
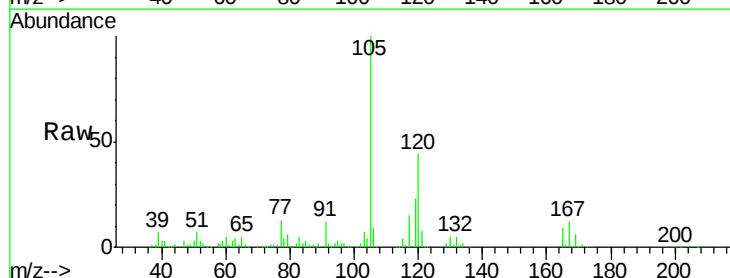
Manual Integrations
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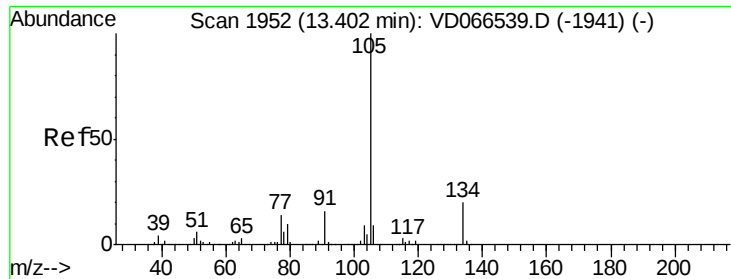
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#84
1,2,4-Trimethylbenzene
Concen: 21.627 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358929		
120	44.8	22.6	67.7	





#85

sec-Butylbenzene

Concen: 21.178 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion:105 Resp: 415345

Ion Ratio Lower Upper

105 100

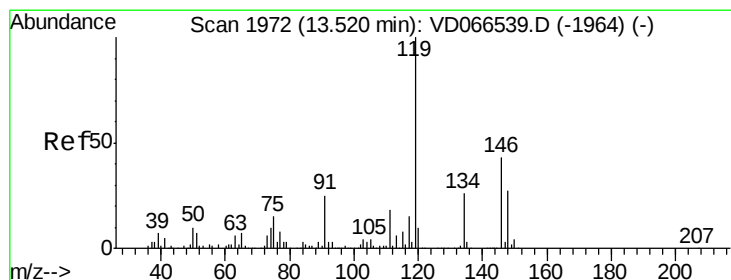
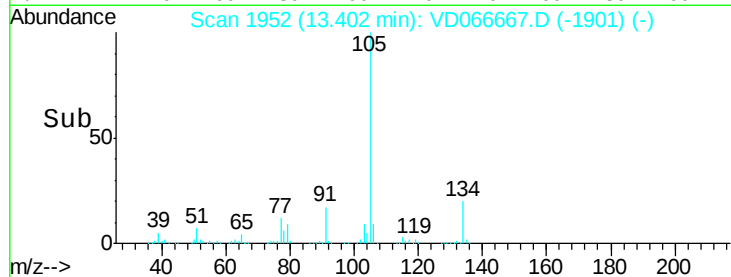
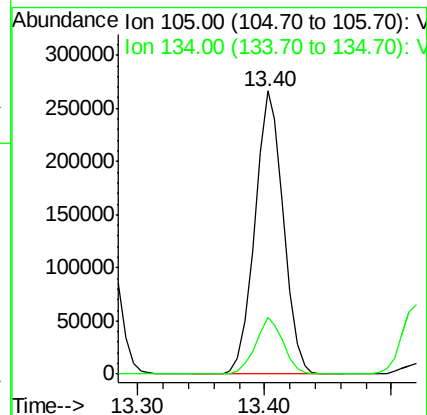
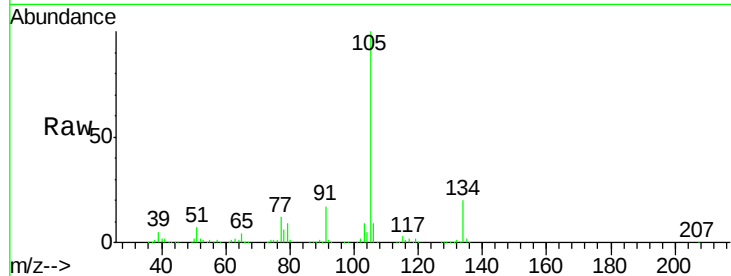
134 19.5 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 21.515 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066667.D

Acq: 14 Sep 2020 12:26

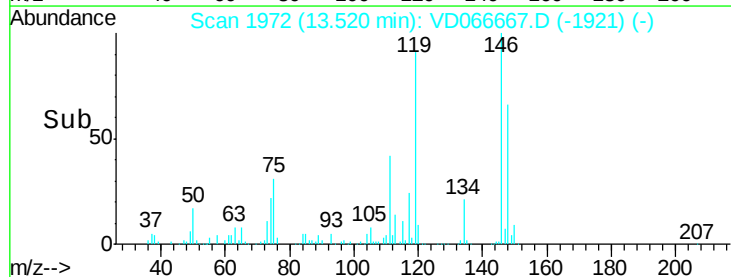
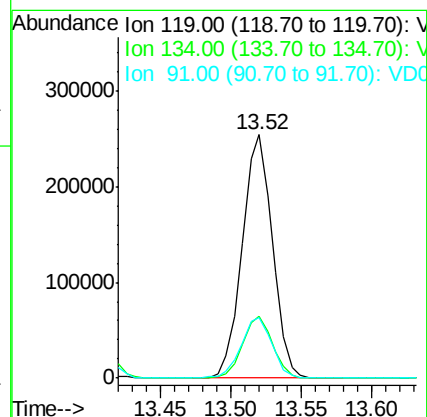
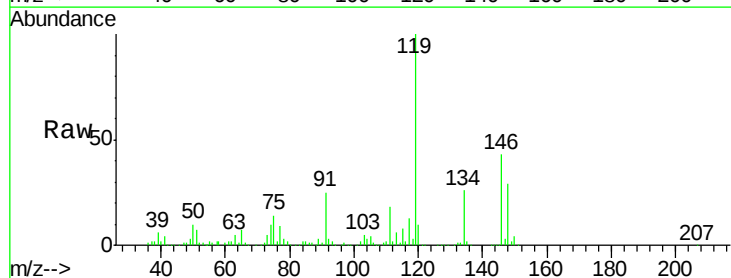
Tgt Ion:119 Resp: 379780

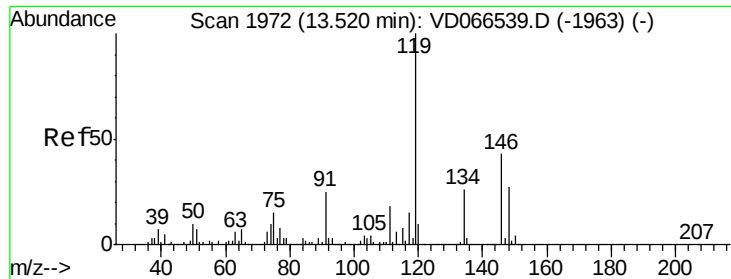
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 25.1 12.5 37.5





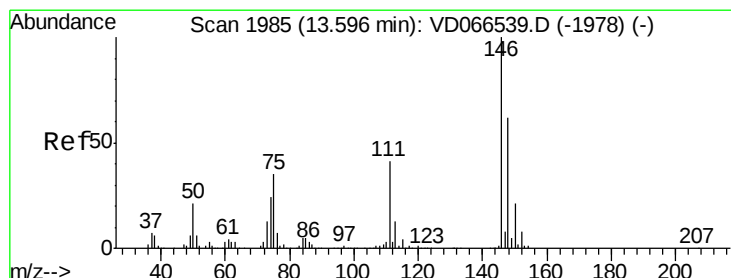
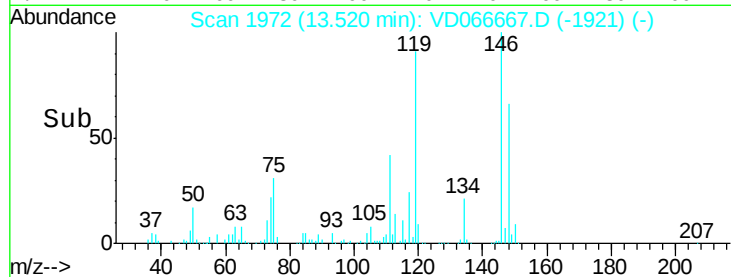
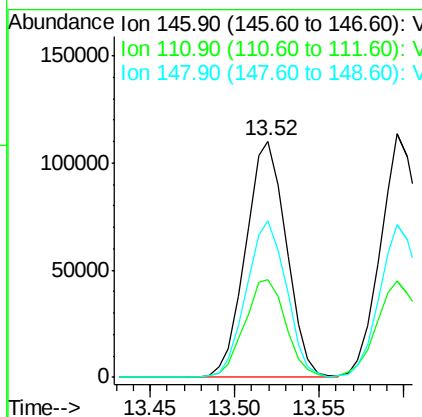
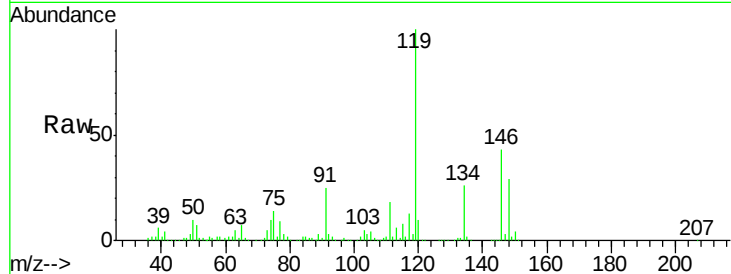
#87
 1,3-Dichlorobenzene
 Concen: 21.102 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	184981		
111	41.6	20.6	61.9	
148	65.1	32.1	96.3	

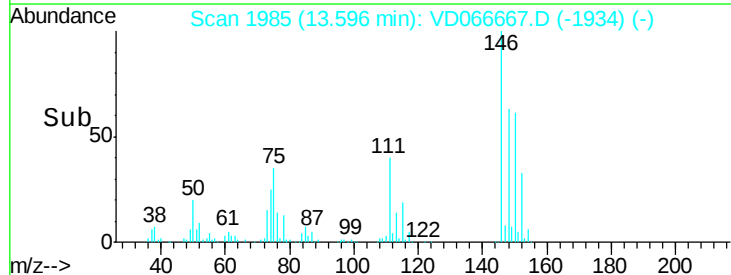
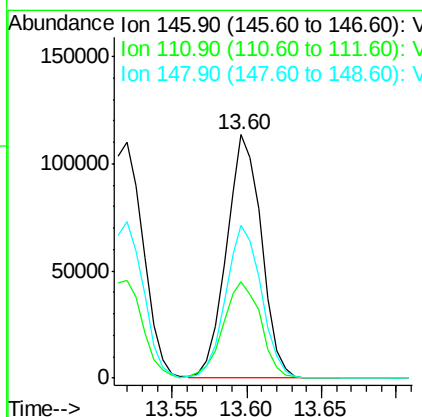
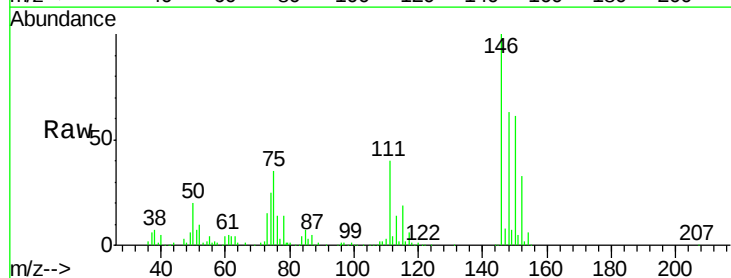
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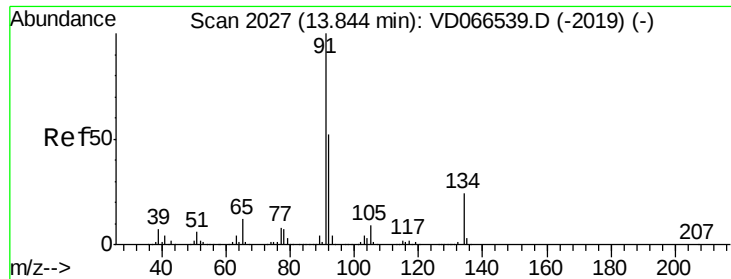
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 21.037 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	185089		
111	42.6	20.1	60.2	
148	64.4	31.6	94.8	





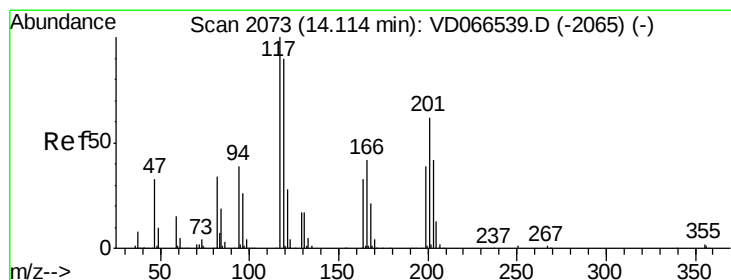
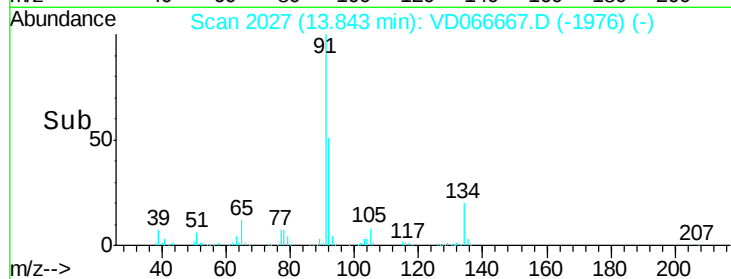
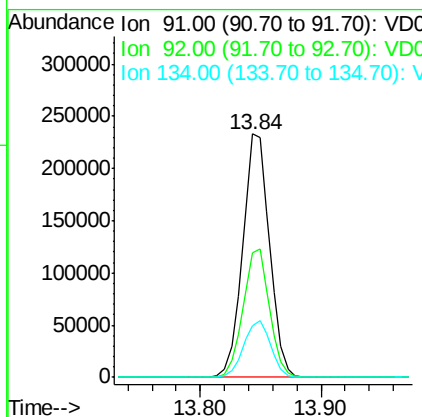
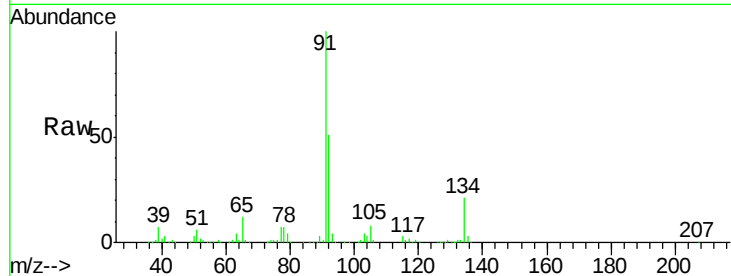
#89
n-Butylbenzene
Concen: 21.041 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	361947		
92	51.7	26.5	79.5	
134	23.5	12.1	36.3	

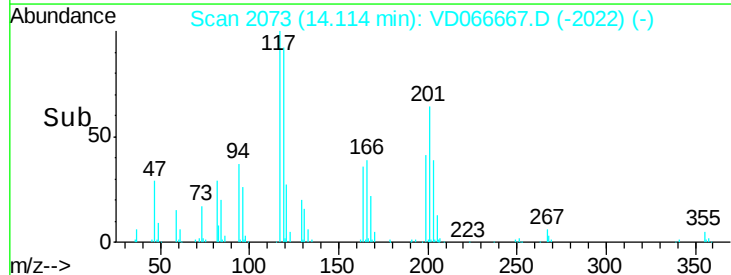
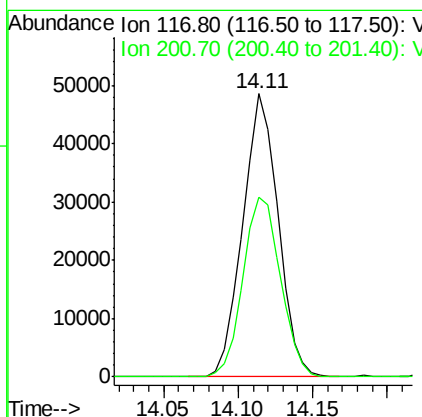
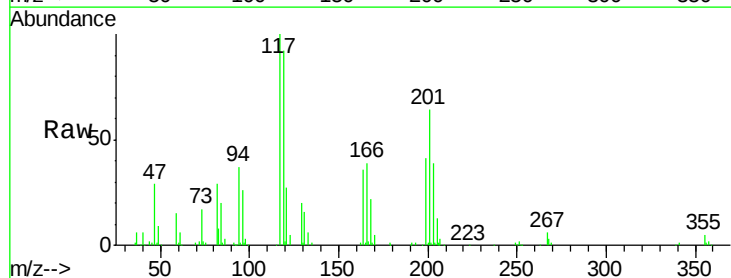
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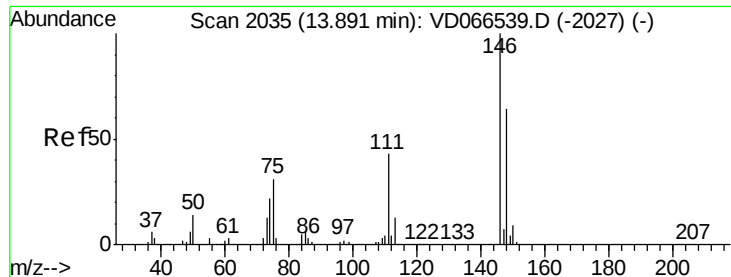
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#90
Hexachloroethane
Concen: 20.954 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79700		
201	67.1	31.9	95.5	





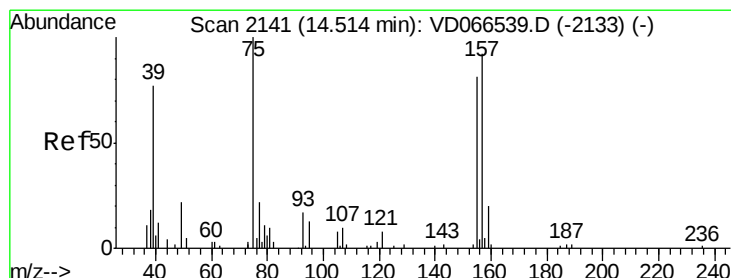
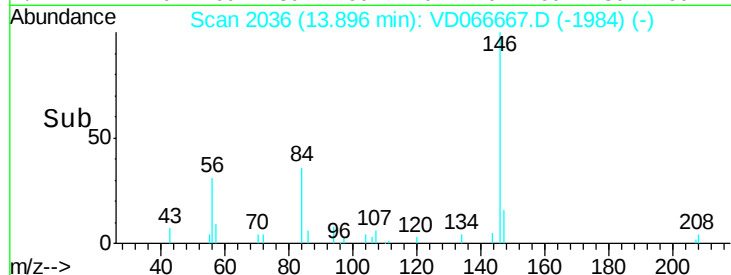
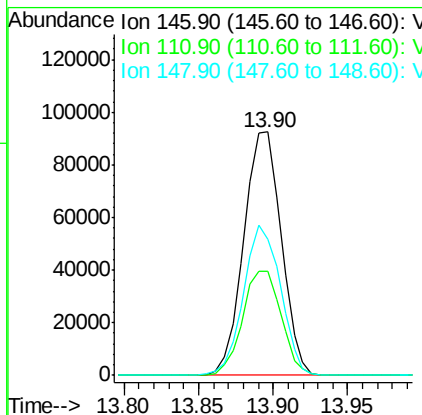
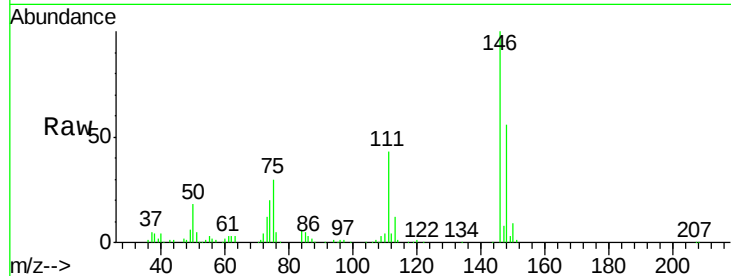
#91
 1,2-Dichlorobenzene
 Concen: 21.026 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.4
148	60.8	31.8	95.3

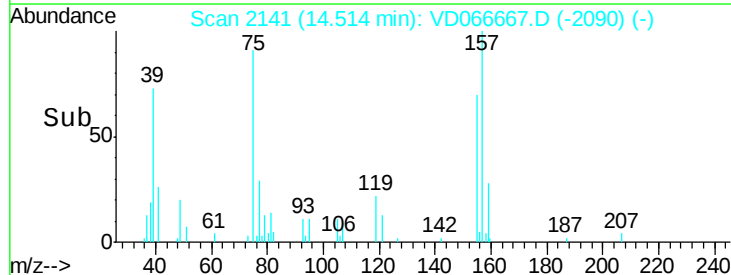
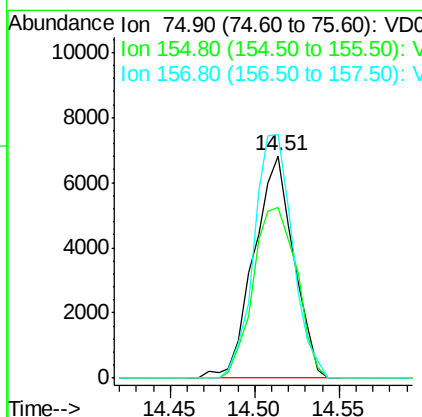
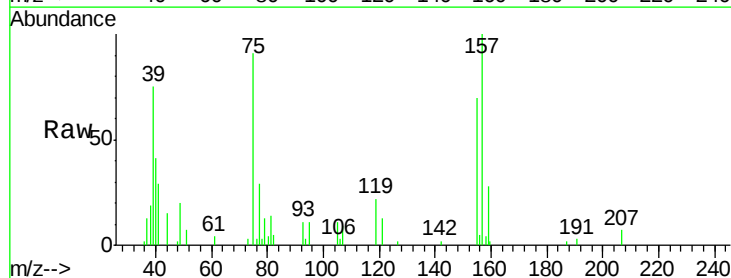
Manual Integrations
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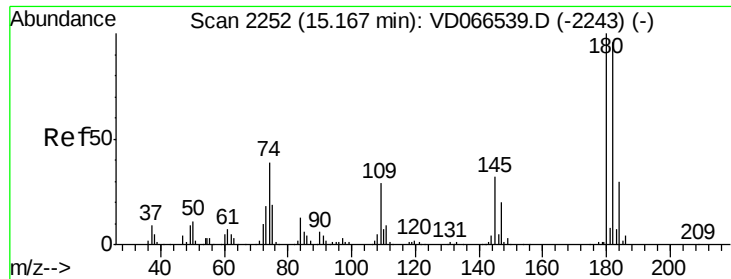
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.798 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	39.3	117.8
157	106.8	46.0	137.8





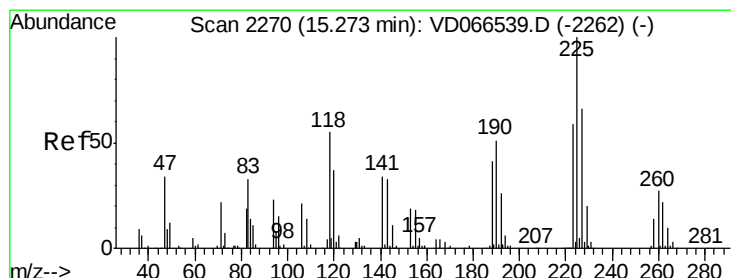
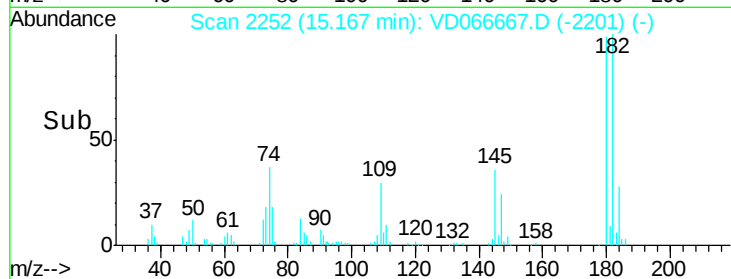
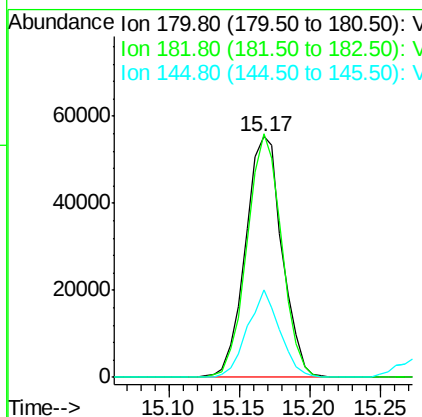
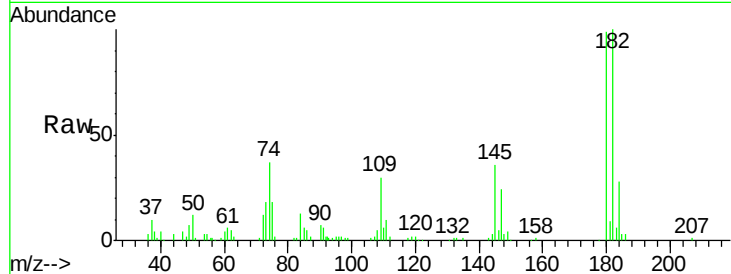
#93
 1,2,4-Trichlorobenzene
 Concen: 21.906 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	48.4	145.0	
145	32.2	16.7	50.0	

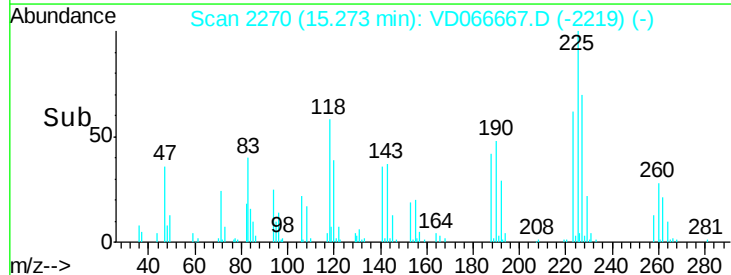
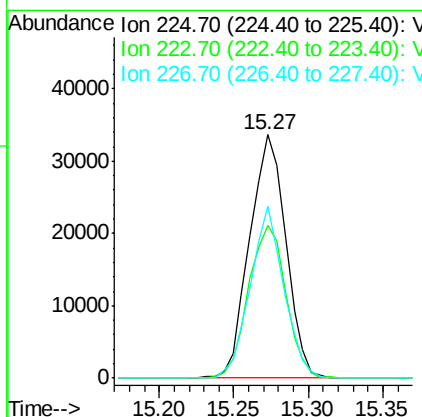
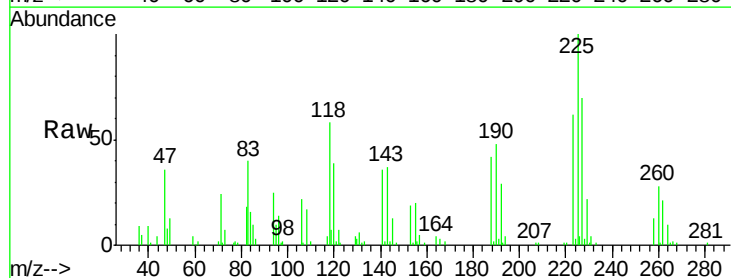
Manual Integrations
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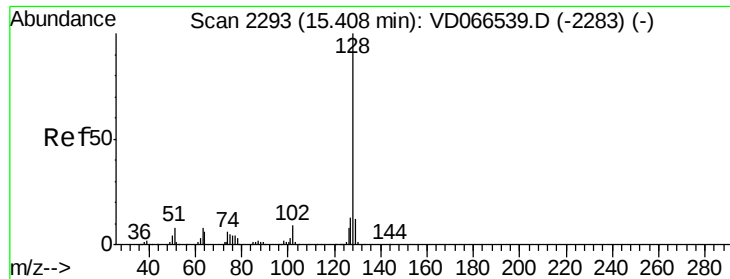
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#94
 Hexachlorobutadiene
 Concen: 20.483 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066667.D
 Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	30.5	91.5	
227	65.2	32.4	97.2	





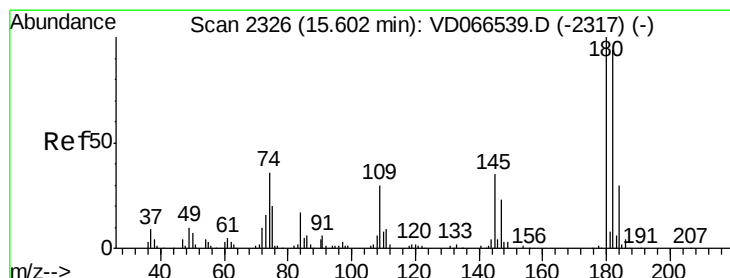
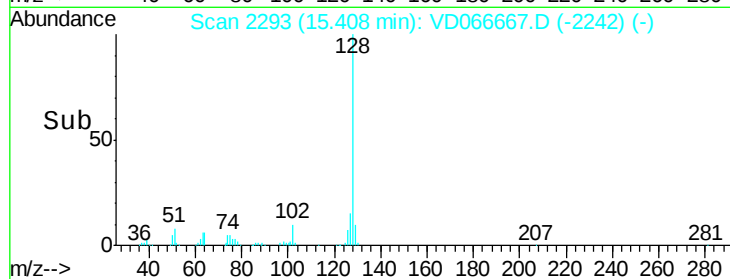
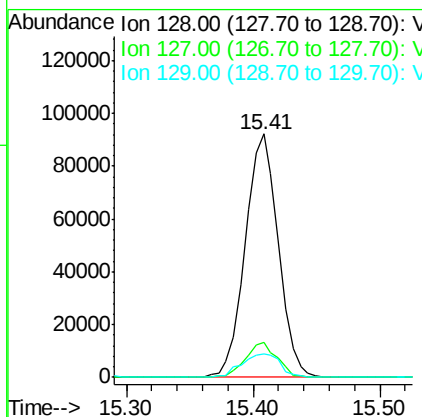
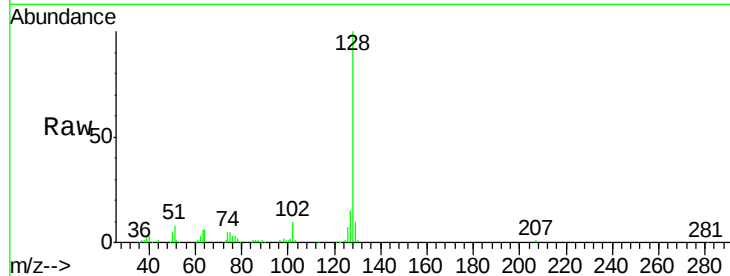
#95
Naphthalene
Concen: 20.802 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	11.4	9.1	13.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.827 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066667.D
Acq: 14 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.6
145	35.9	17.3	51.7

