

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065926.D
 Acq On : 07 Jul 2020 17:17
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV070720

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:25 PM

Quant Time: Jul 08 09:59:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	438536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	608868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	185765	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	7.91	113	201051	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.34	98	731260	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.64	95	256622	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	162473	41.675	ug/l	96
3) Chloromethane	2.21	50	167079	43.231	ug/l	99
4) Vinyl Chloride	2.35	62	156204	44.019	ug/l	97
5) Bromomethane	2.77	94	101358	45.092	ug/l	87
6) Chloroethane	2.93	64	93848	44.242	ug/l	92
7) Trichlorofluoromethane	3.27	101	347799	45.730	ug/l	98
8) Diethyl Ether	3.71	74	99292	47.588	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	207261	45.559	ug/l	98
10) Methyl Iodide	4.30	142	228413	47.786	ug/l	99
11) Tert butyl alcohol	5.22	59	62848	258.235	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	199101	46.847	ug/l	97
13) Acrolein	3.93	56	45166	229.449	ug/l	100
14) Allyl chloride	4.71	41	347419	48.237	ug/l	99
15) Acrylonitrile	5.42	53	224628	245.887	ug/l	98
16) Acetone	4.15	43	199215	218.721	ug/l	99
17) Carbon Disulfide	4.41	76	627614	46.346	ug/l	100
18) Methyl Acetate	4.72	43	98232	46.009	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	448369	49.831	ug/l	98
20) Methylene Chloride	4.97	84	246867	49.049	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	229497	47.995	ug/l	96
22) Diisopropyl ether	6.36	45	659892	48.754	ug/l	96
23) Vinyl Acetate	6.30	43	1915000	247.871	ug/l	99
24) 1,1-Dichloroethane	6.27	63	380855	47.189	ug/l	97
25) 2-Butanone	7.21	43	280738	233.257	ug/l	99
26) 2,2-Dichloropropane	7.21	77	325221	46.062	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	248836	48.433	ug/l	99
28) Bromochloromethane	7.55	49	140838	46.194	ug/l	98
29) Tetrahydrofuran	7.57	42	181883	237.656	ug/l	98
30) Chloroform	7.71	83	384969	47.050	ug/l	100
31) Cyclohexane	7.99	56	360610	45.411	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	353037	47.281	ug/l	99
36) 1,1-Dichloropropene	8.11	75	309165	47.243	ug/l	99
37) Ethyl Acetate	7.30	43	131480	47.950	ug/l #	97
38) Carbon Tetrachloride	8.10	117	328018	46.764	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	394322	49.080	ug/l	99
40) Benzene	8.35	78	859956	47.566	ug/l	100
41) Methacrylonitrile	7.53	41	67102m	42.150	ug/l	
42) 1,2-Dichloroethane	8.43	62	237370	46.346	ug/l	100
43) Isopropyl Acetate	8.46	43	251249	49.227	ug/l	99
44) Trichloroethene	9.11	130	250829	47.220	ug/l	100
45) 1,2-Dichloropropane	9.39	63	214840	47.879	ug/l	99
46) Dibromomethane	9.47	93	110265	47.200	ug/l	98
47) Bromodichloromethane	9.66	83	299099	47.730	ug/l	97
48) Methyl methacrylate	9.46	41	127861	49.763	ug/l	99
49) 1,4-Dioxane	9.46	88	28229	1016.974	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	625779	242.518	ug/l	100
52) Toluene	10.40	92	559090	48.609	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	286001	48.538	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	347732	48.840	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	153307	47.630	ug/l	96
56) Ethyl methacrylate	10.66	69	199867	50.840	ug/l	98
57) 1,3-Dichloropropane	10.95	76	272316	48.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	464298	243.863	ug/l	99
59) 2-Hexanone	10.98	43	430615	242.655	ug/l	100
60) Dibromochloromethane	11.14	129	208601	47.436	ug/l	100
61) 1,2-Dibromoethane	11.25	107	153602	47.863	ug/l	100
64) Tetrachloroethene	10.88	164	211827	47.840	ug/l	92
65) Chlorobenzene	11.67	112	593980	48.409	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	216956	47.275	ug/l	98
67) Ethyl Benzene	11.75	91	1055224	48.410	ug/l	100
68) m/p-Xylenes	11.86	106	797535	96.303	ug/l	97
69) o-Xylene	12.18	106	374277	49.612	ug/l	99
70) Styrene	12.20	104	643557	49.417	ug/l	99
71) Bromoform	12.36	173	124101	47.790	ug/l #	98
73) Isopropylbenzene	12.48	105	1026731	49.653	ug/l	99
74) N-amyl acetate	12.29	43	229239	49.404	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	165343	48.163	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	113408m	45.628	ug/l	
77) Bromobenzene	12.76	156	248322	49.512	ug/l	97
78) n-propylbenzene	12.82	91	1189845	49.080	ug/l	99
79) 2-Chlorotoluene	12.91	91	671915	48.855	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	844473	49.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	54877	47.442	ug/l	98
82) 4-Chlorotoluene	13.01	91	697171	48.315	ug/l	99
83) tert-Butylbenzene	13.23	119	724589	50.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	832248	49.433	ug/l	100
85) sec-Butylbenzene	13.40	105	1013153	49.613	ug/l	99
86) p-Isopropyltoluene	13.52	119	937178	50.175	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	453643	48.338	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	449436	48.003	ug/l	100
89) n-Butylbenzene	13.84	91	859834	49.021	ug/l	100
90) Hexachloroethane	14.11	117	181226	48.114	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	389376	47.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27020	47.070	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	288537	49.357	ug/l	98
94) Hexachlorobutadiene	15.27	225	172836	48.876	ug/l	99
95) Naphthalene	15.40	128	499641	50.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	250704	49.718	ug/l	100

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

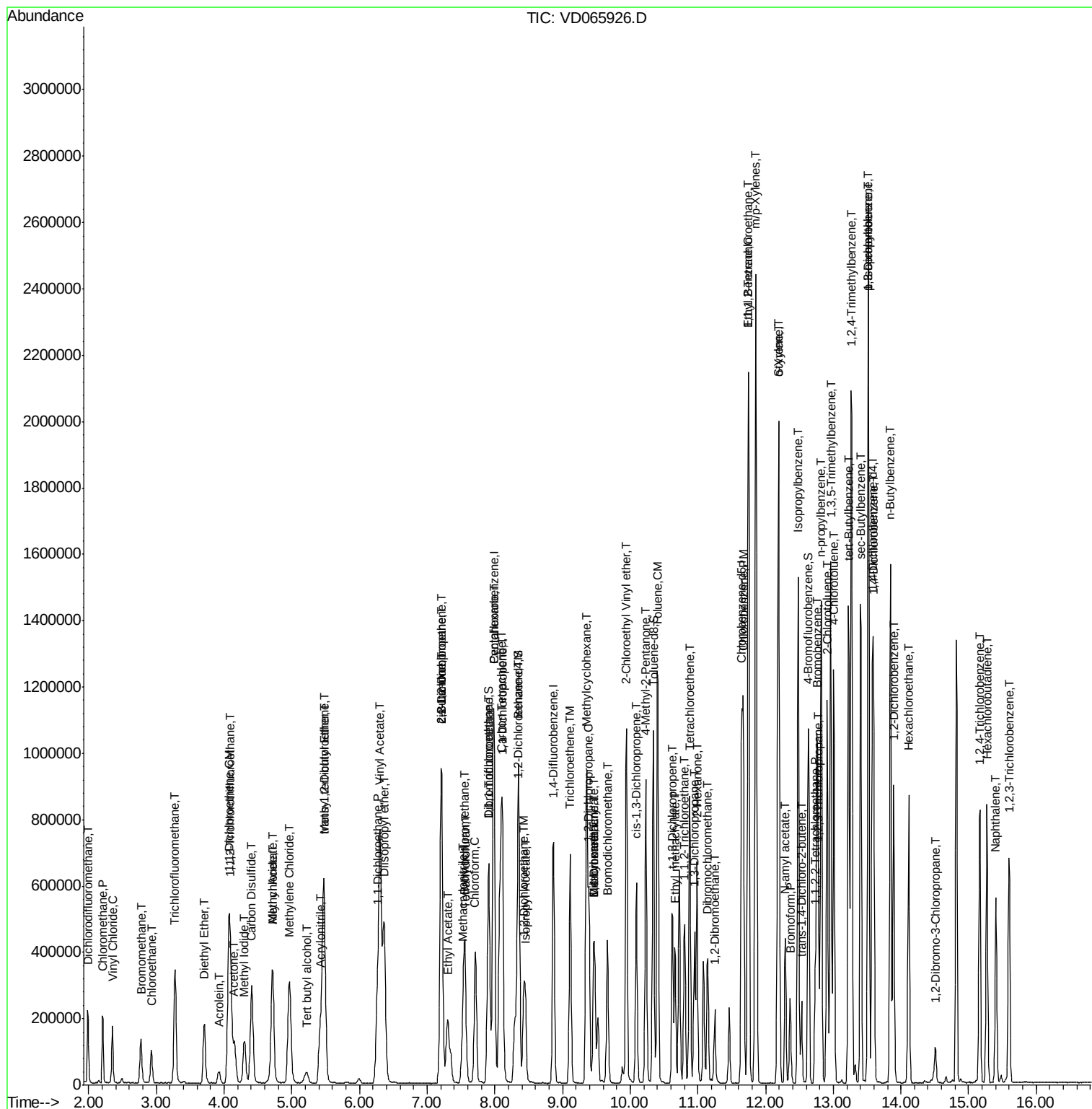
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
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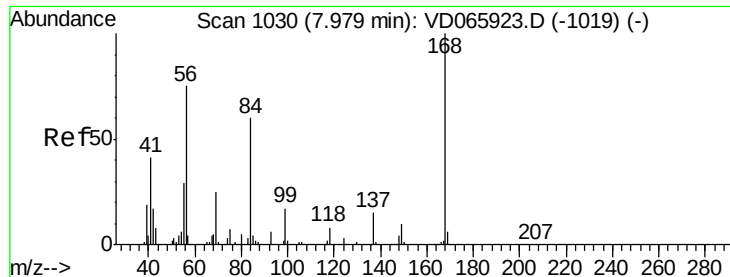
Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion:168 Resp: 438536

Ion Ratio Lower Upper

168 100

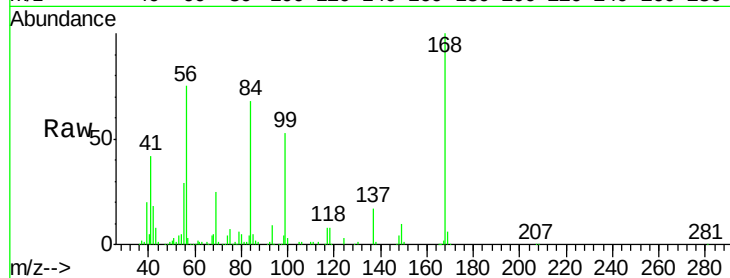
99 52.5 43.1 64.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

150000

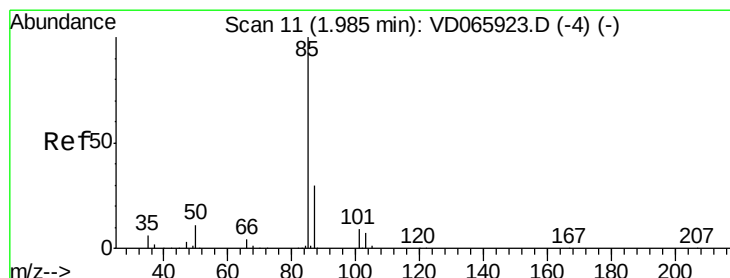
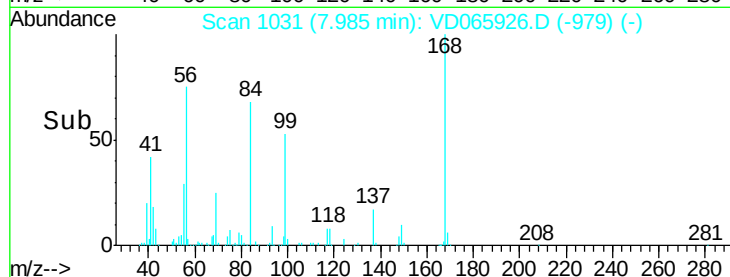
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.675 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065926.D

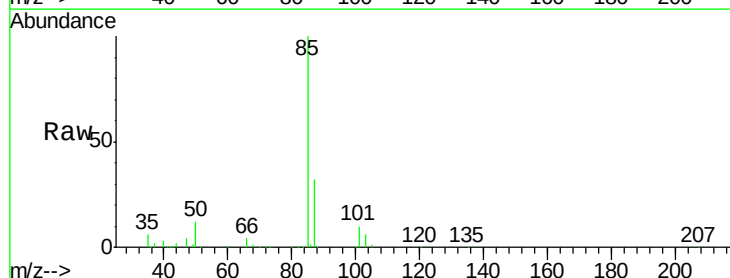
Acq: 07 Jul 2020 17:17

Tgt Ion: 85 Resp: 162473

Ion Ratio Lower Upper

85 100

87 32.3 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

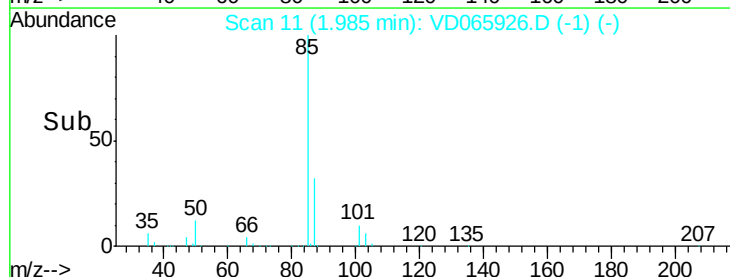
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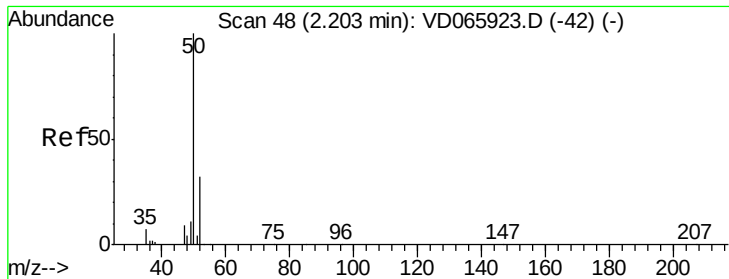
50000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.231 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 50 Resp: 167079

Ion Ratio Lower Upper

50 100

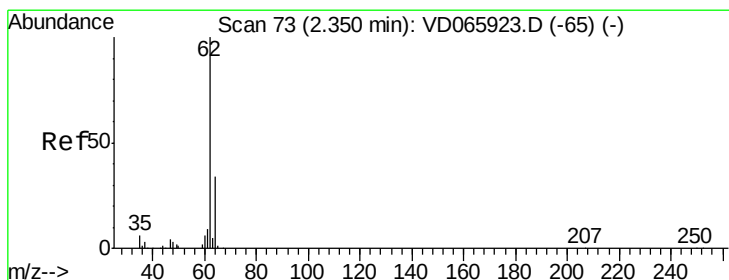
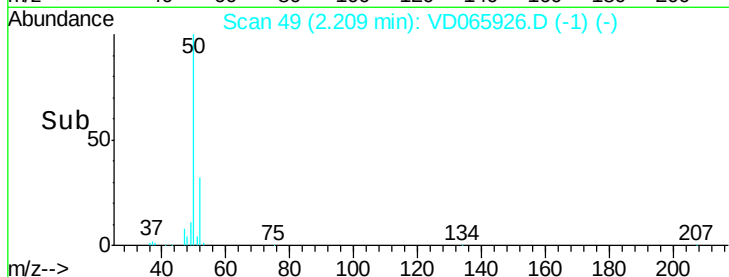
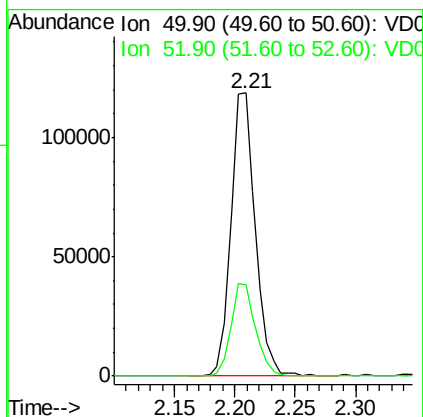
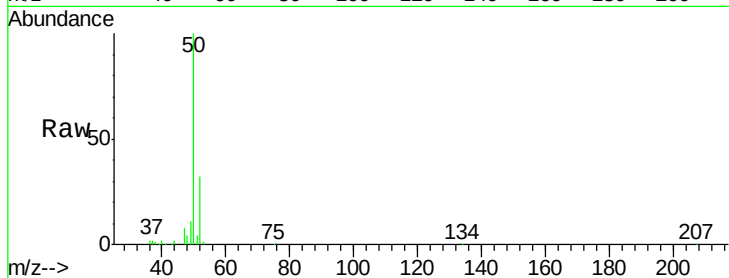
52 32.5 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.019 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065926.D

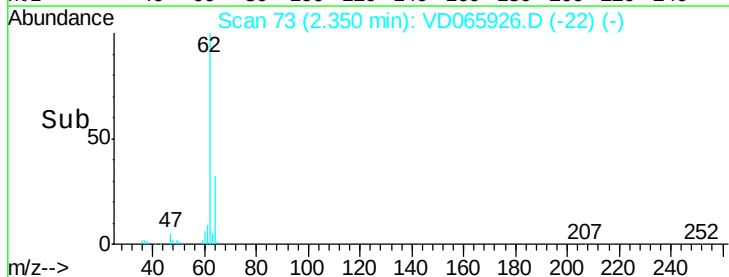
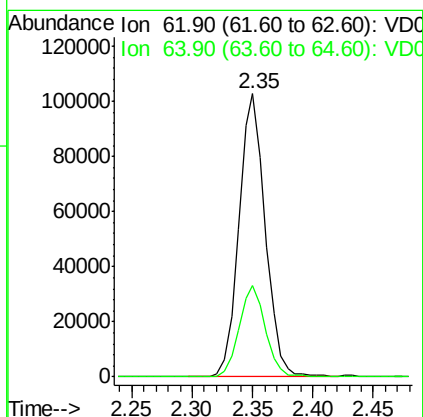
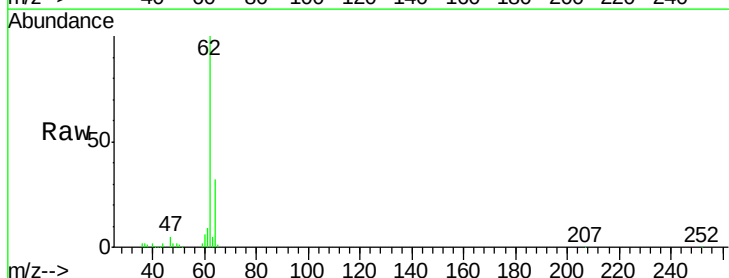
Acq: 07 Jul 2020 17:17

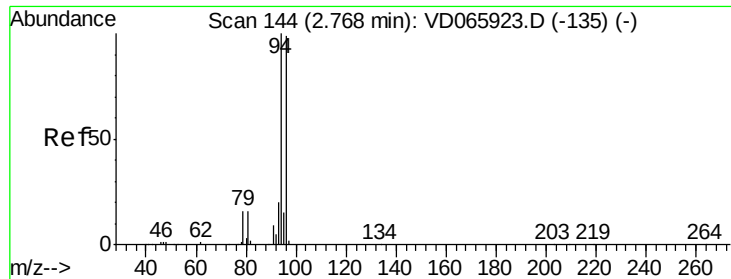
Tgt Ion: 62 Resp: 156204

Ion Ratio Lower Upper

62 100

64 32.1 27.2 40.8





#5

Bromomethane

Concen: 45.092 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 94 Resp: 101358

Ion Ratio Lower Upper

94 100

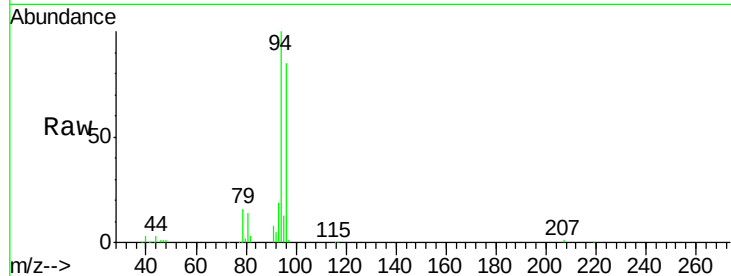
96 85.3 78.8 118.2

Manual Integrations

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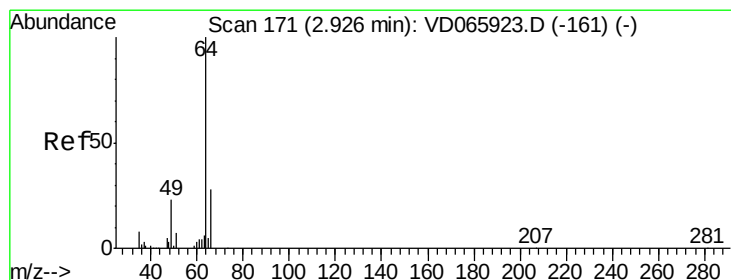
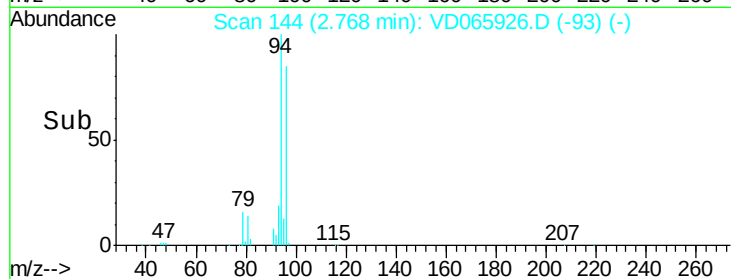
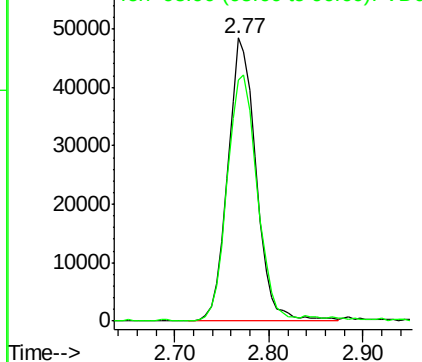
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.242 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065926.D

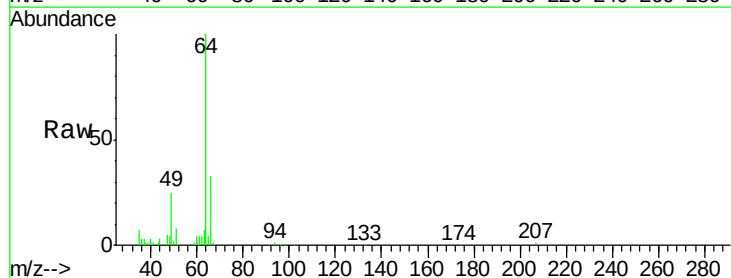
Acq: 07 Jul 2020 17:17

Tgt Ion: 64 Resp: 93848

Ion Ratio Lower Upper

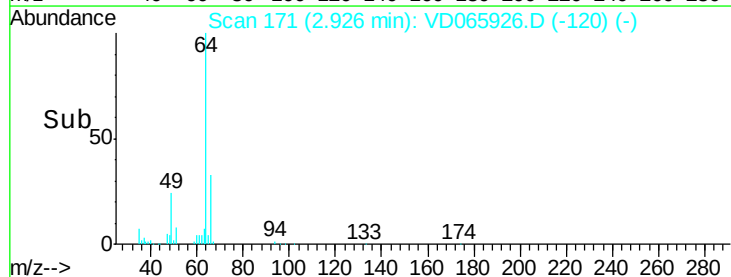
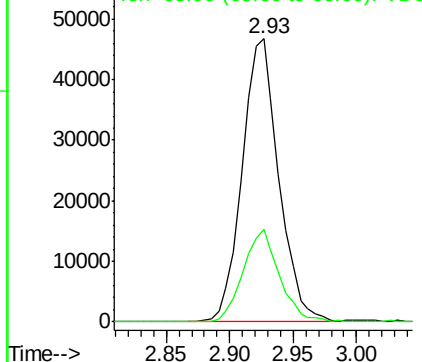
64 100

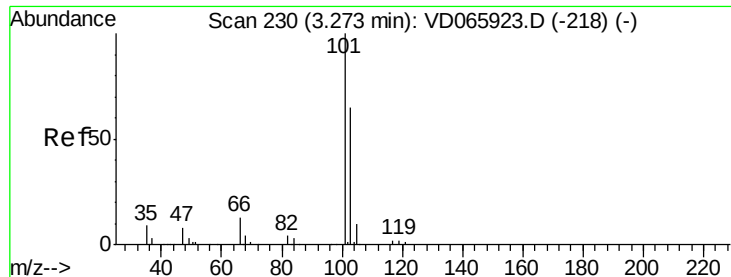
66 32.5 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

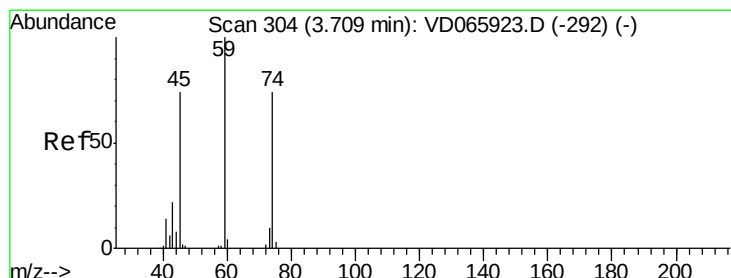
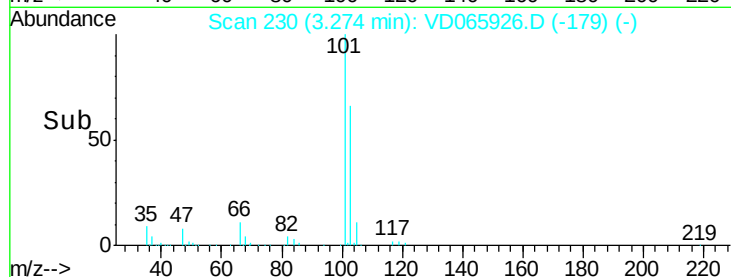
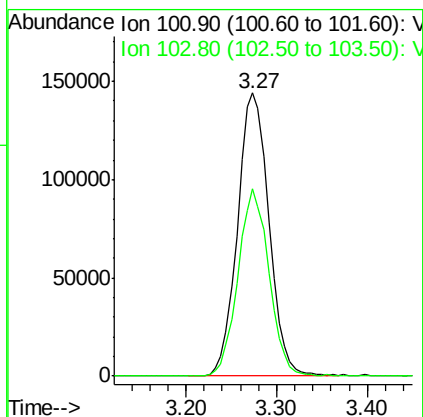
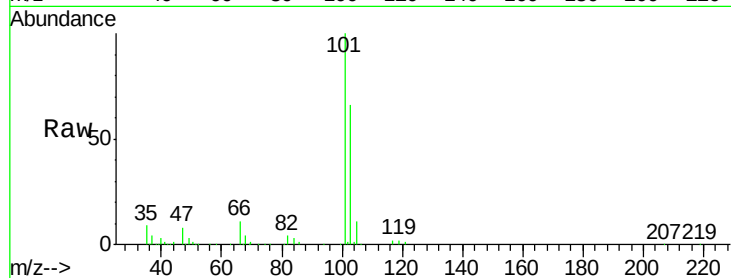
Trichlorofluoromethane
Concen: 45.730 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.7	77.5

Manual Integrations
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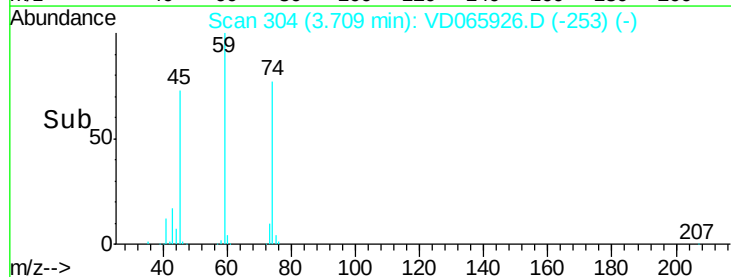
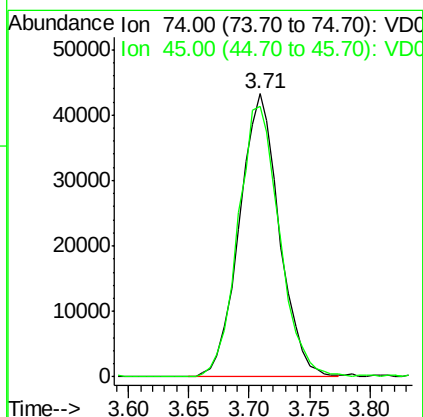
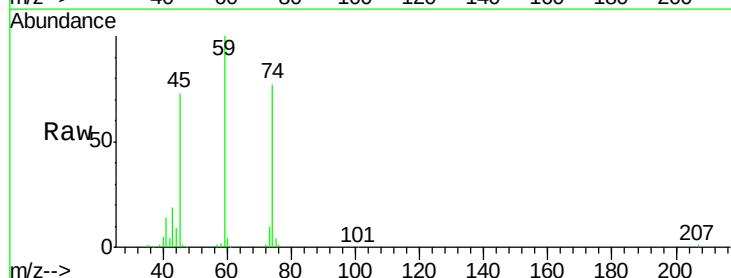
MMDadoda
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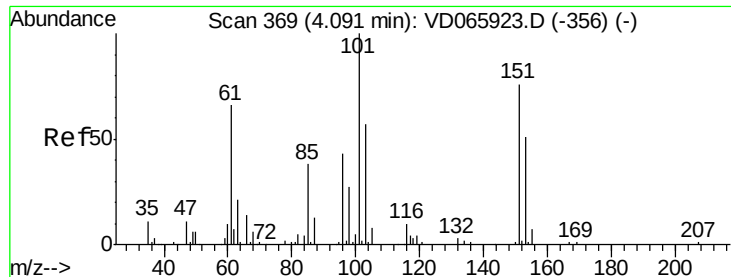


#8

Diethyl Ether
Concen: 47.588 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	51.1	153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.559 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

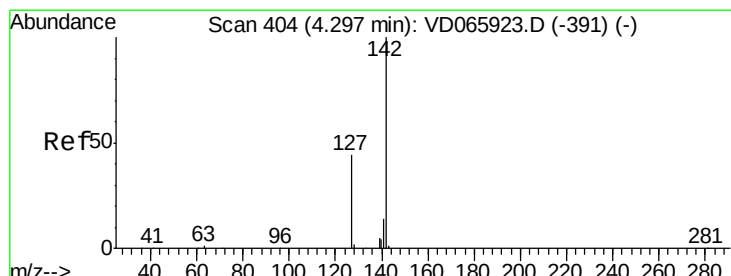
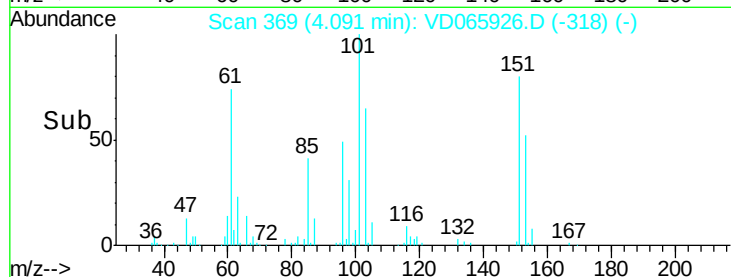
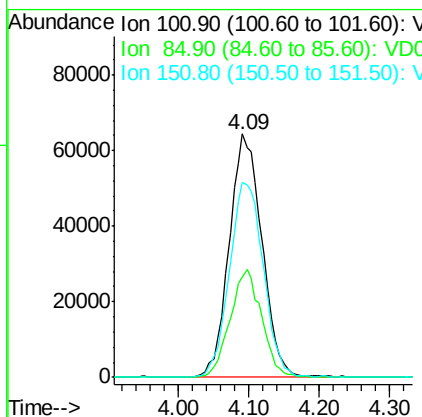
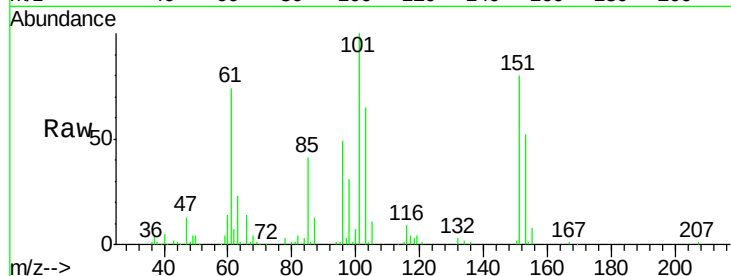
ClientSampleId :

ICVVD070720

Tot Ion:	101	Resp:	207261
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.8	50.8
151	83.1	64.1	96.1

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#10

Methyl Iodide

Concen: 47.786 ug/l

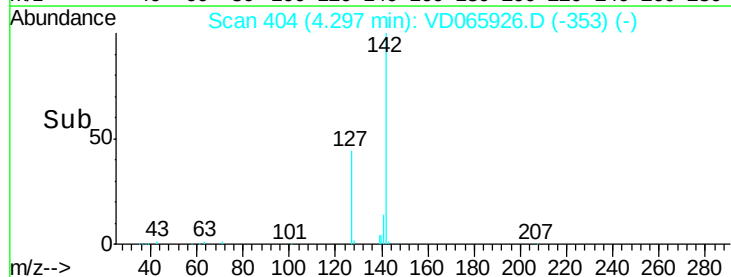
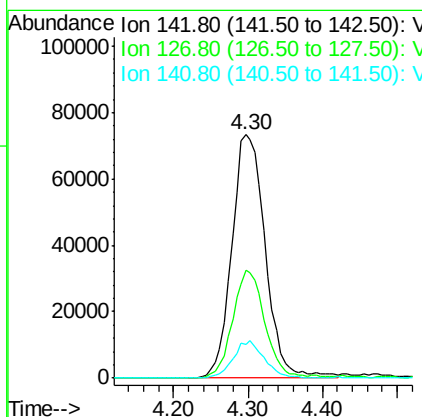
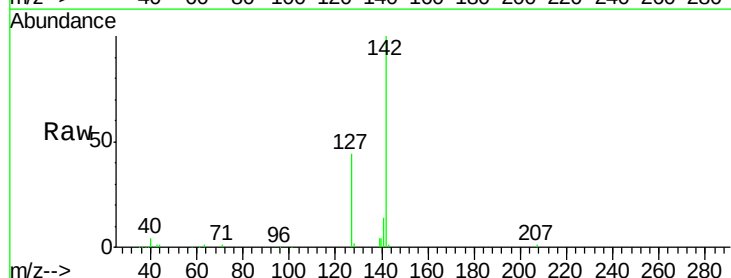
RT: 4.30 min Scan# 404

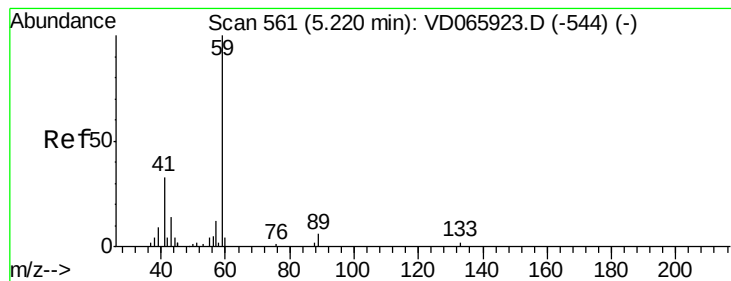
Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion:	142	Resp:	228413
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.6	51.8
141	14.4	11.6	17.4





#11

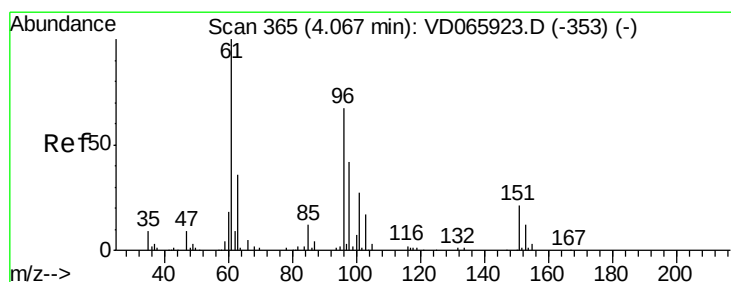
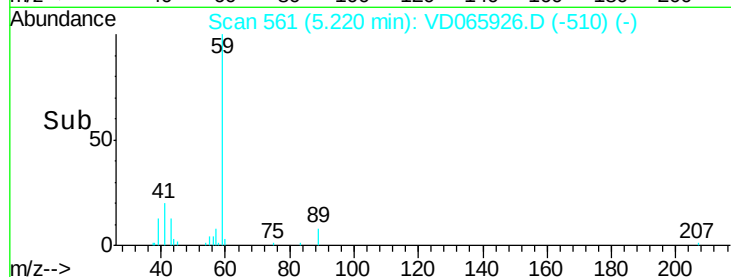
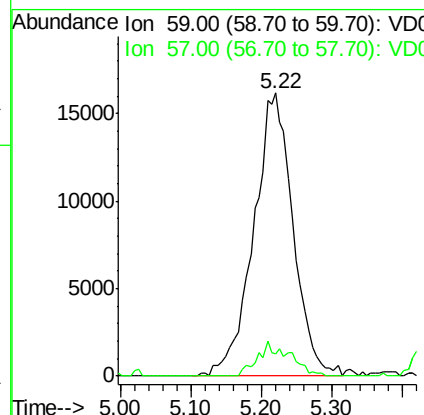
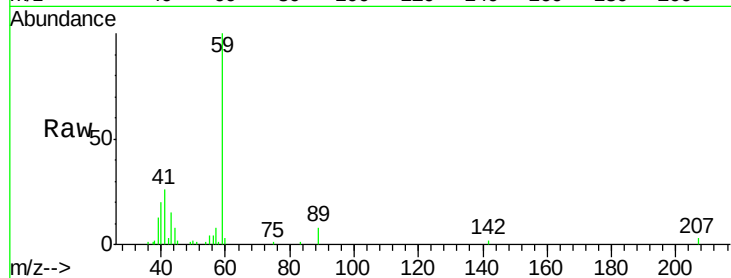
Tert butyl alcohol
 Concen: 258.235 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.7	13.1#

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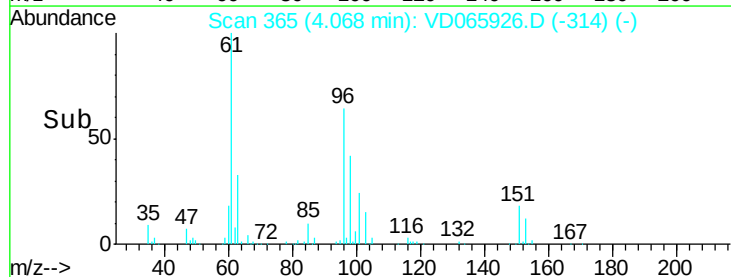
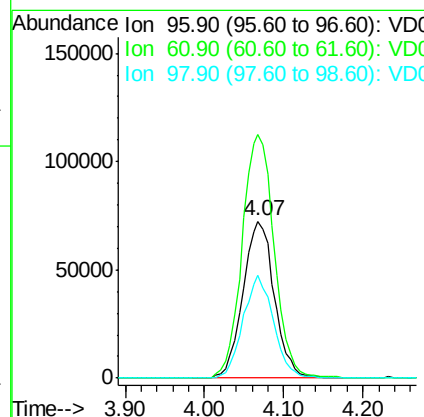
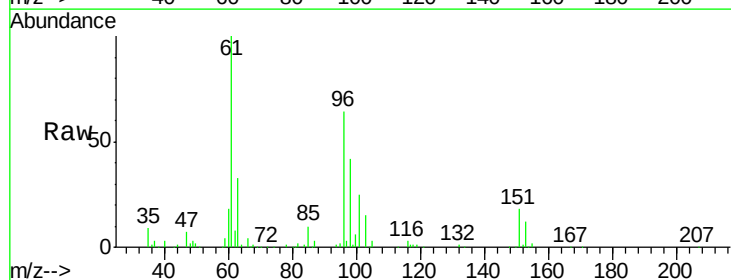
MMDadoda
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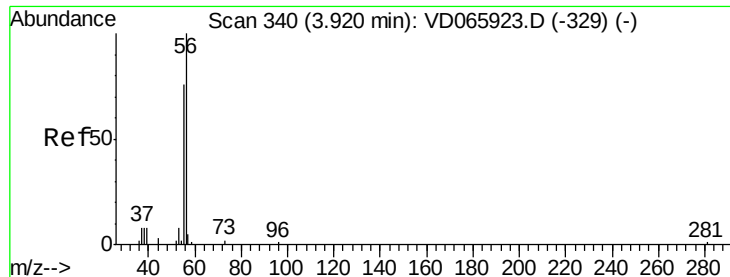


#12

1,1-Dichloroethene
 Concen: 46.847 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.2	120.2	180.2
98	65.2	50.6	76.0





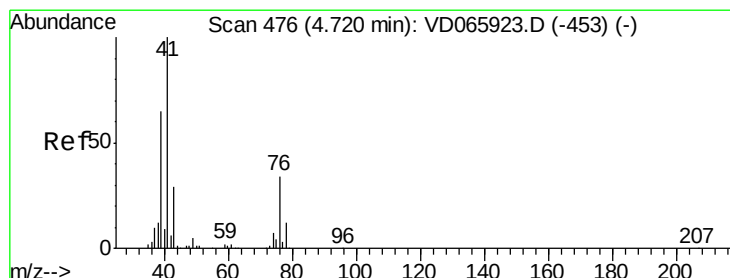
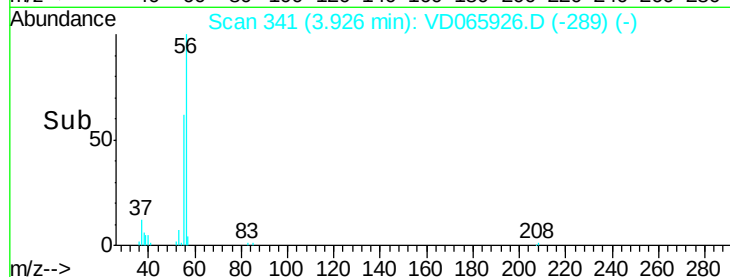
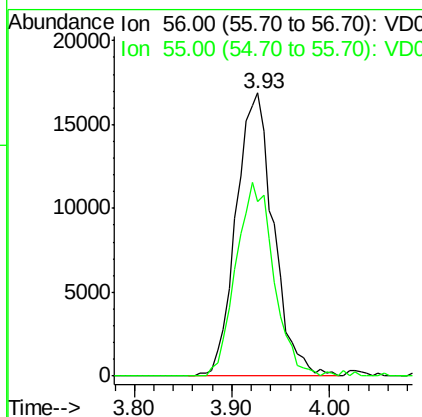
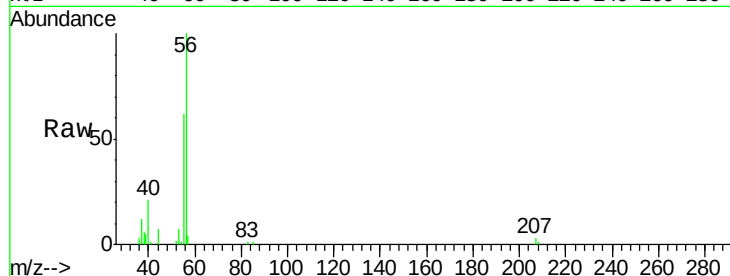
#13
Acrolein
Concen: 229.449 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.9	55.0	82.6

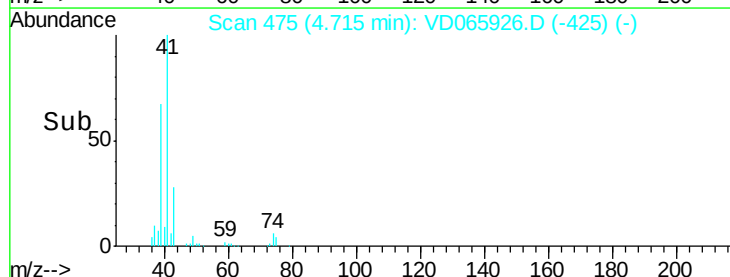
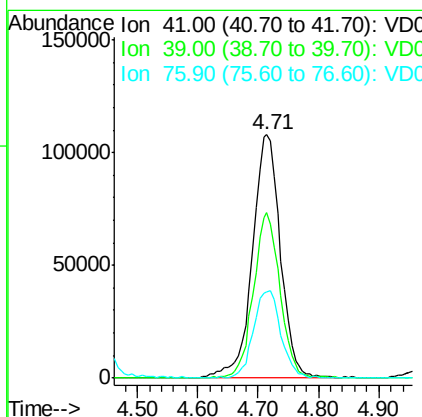
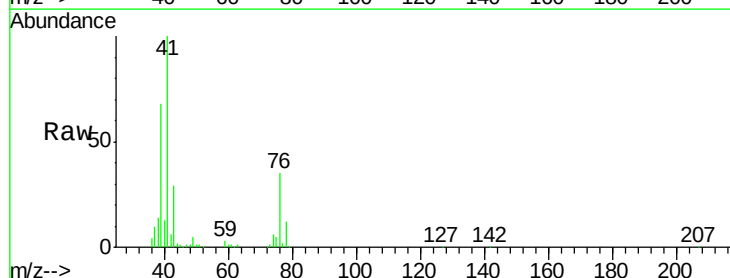
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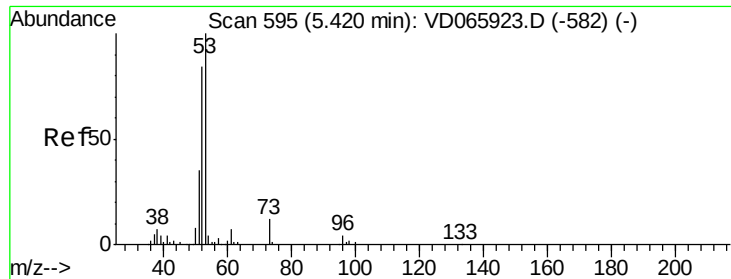
MMDadoda
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#14
Allyl chloride
Concen: 48.237 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	52.2	78.4
76	34.0	28.1	42.1





#15

Acrylonitrile

Concen: 245.887 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

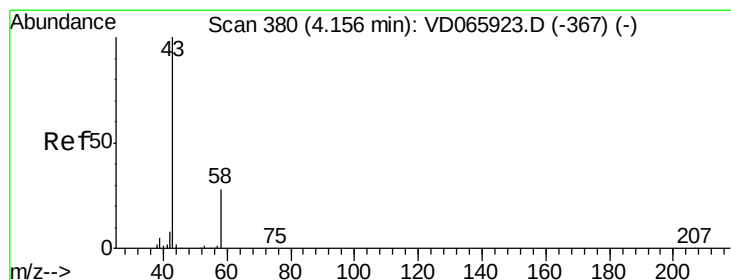
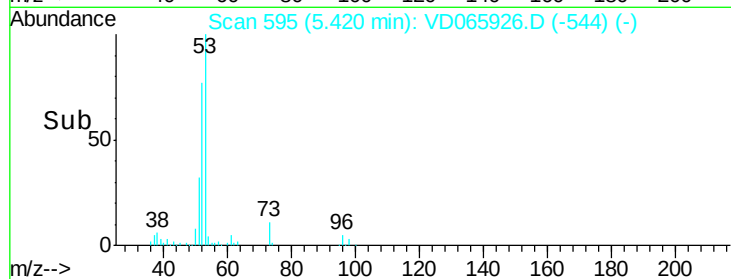
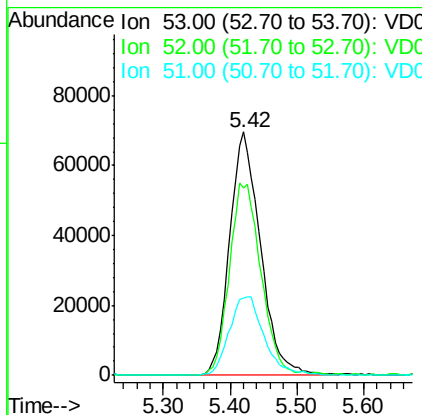
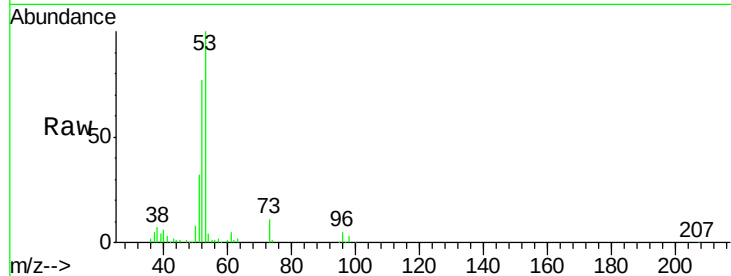
ClientSampleId :

ICVVD070720

Tot Ion:	53	Resp:	224628
Ion	Ratio	Lower	Upper
53	100		
52	80.5	66.3	99.5
51	36.4	29.8	44.8

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#16

Acetone

Concen: 218.721 ug/l

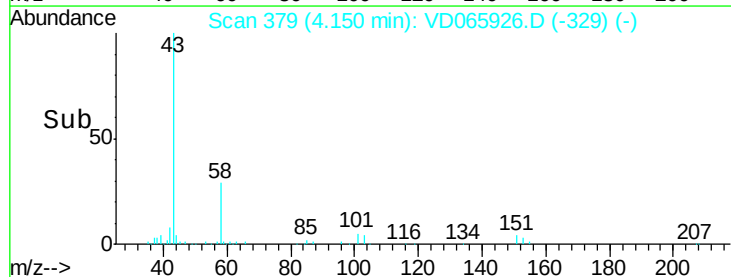
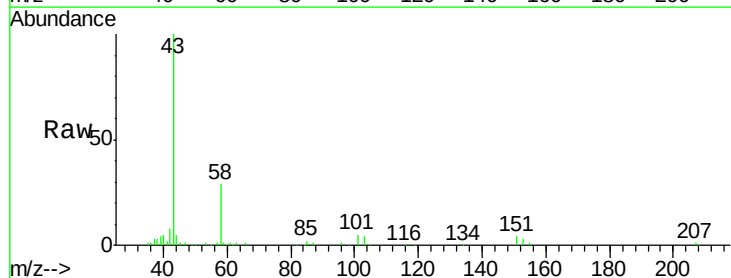
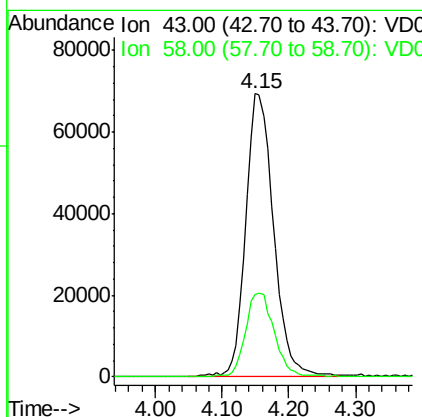
RT: 4.15 min Scan# 379

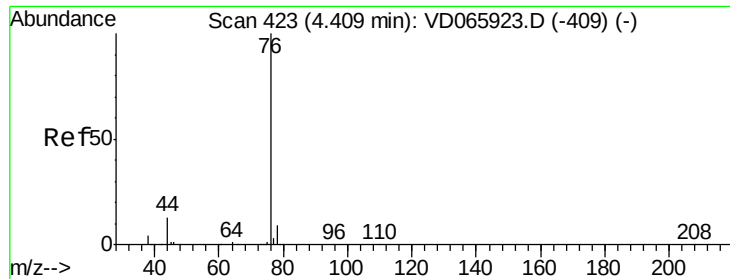
Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion:	43	Resp:	199215
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.7	34.1





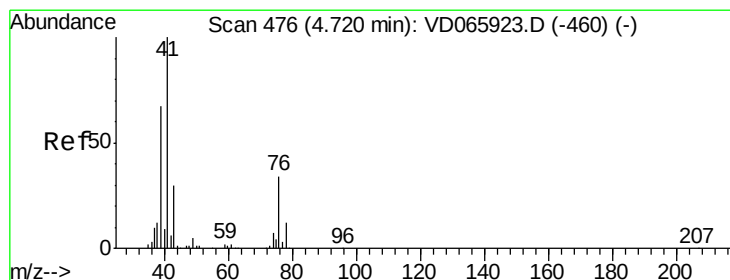
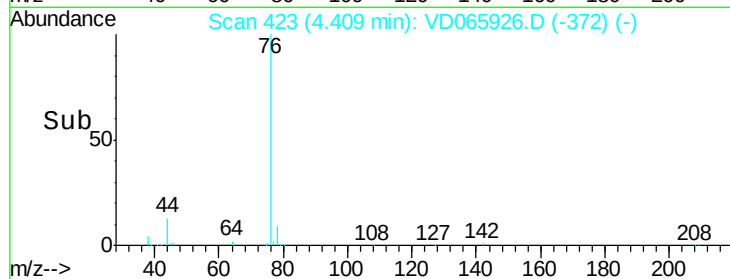
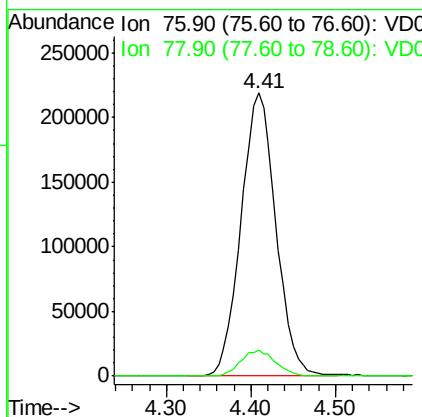
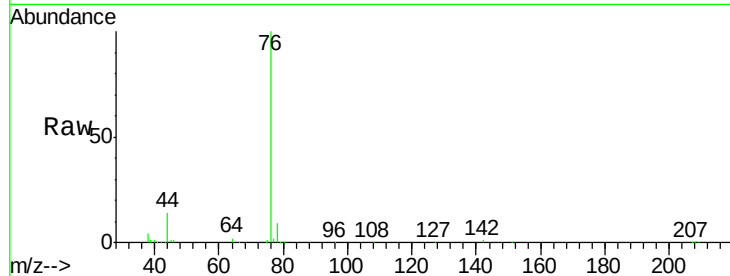
#17
Carbon Disulfide
Concen: 46.346 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

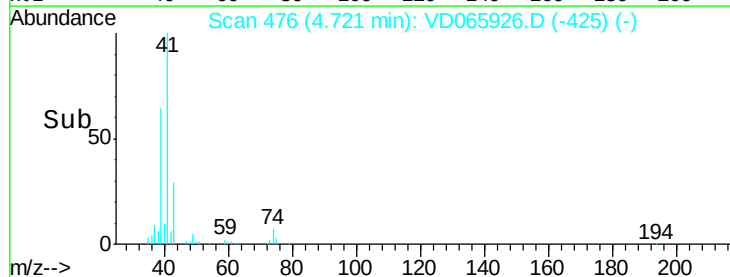
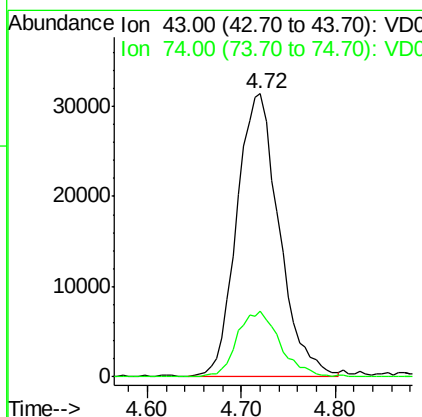
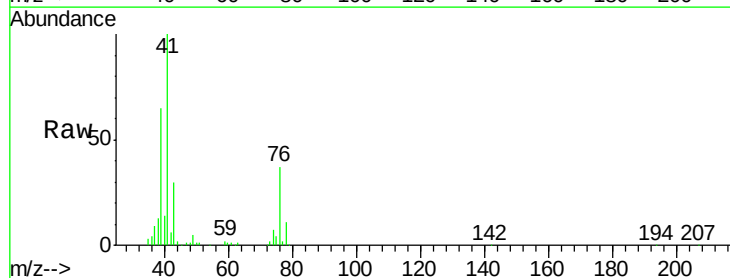
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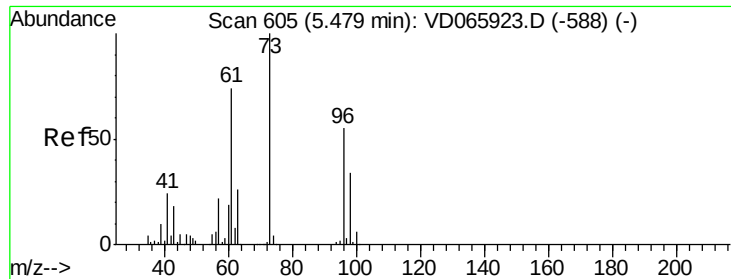
MMDadoda
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#18
Methyl Acetate
Concen: 46.009 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.8	26.8





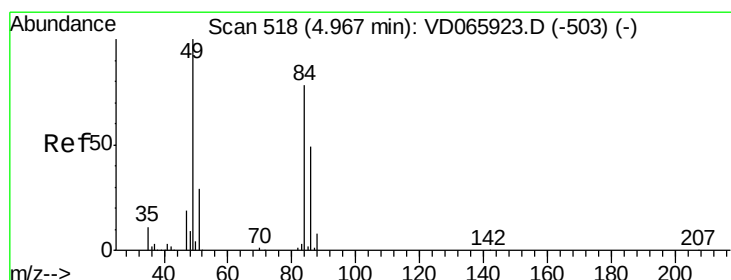
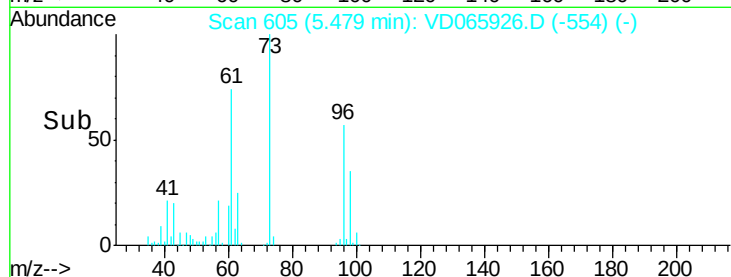
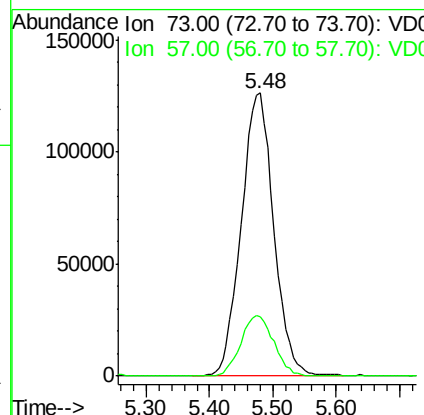
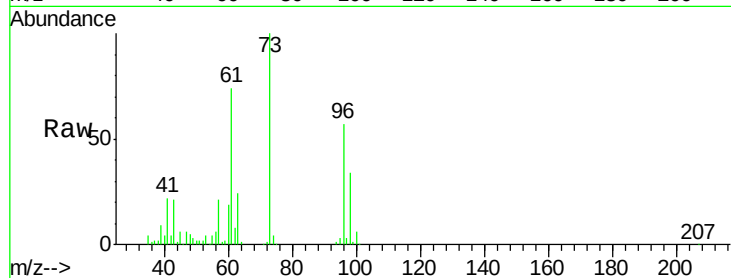
#19
Methyl tert-butyl Ether
Concen: 49.831 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion: 73 Resp: 448369
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

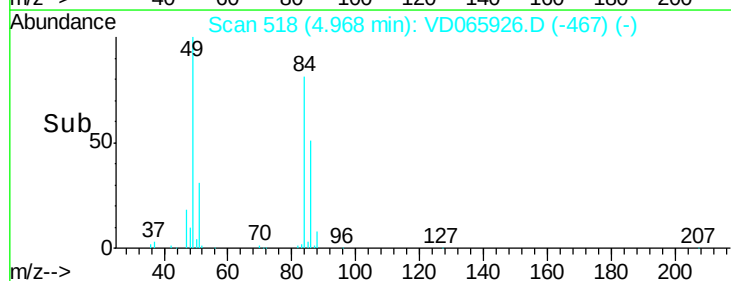
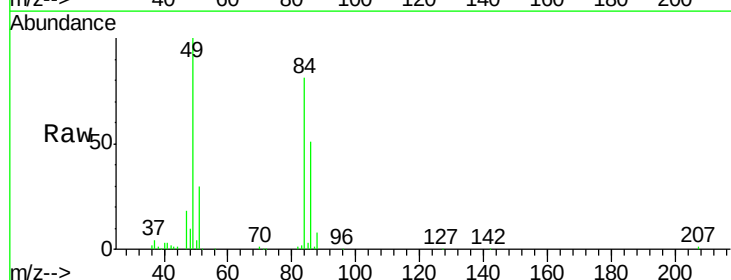
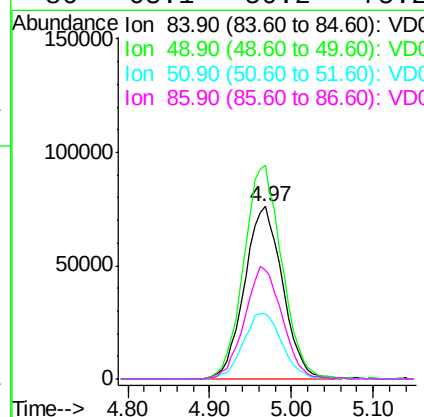
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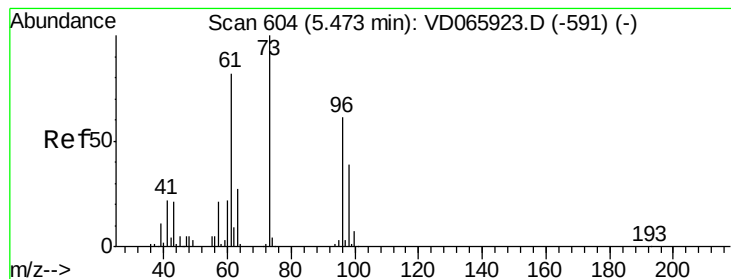
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#20
Methylene Chloride
Concen: 49.049 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 84 Resp: 246867
Ion Ratio Lower Upper
84 100
49 123.7 102.2 153.2
51 37.6 29.8 44.6
86 63.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.995 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 96 Resp: 229497

Ion Ratio Lower Upper

96 100

61 137.8 106.6 160.0

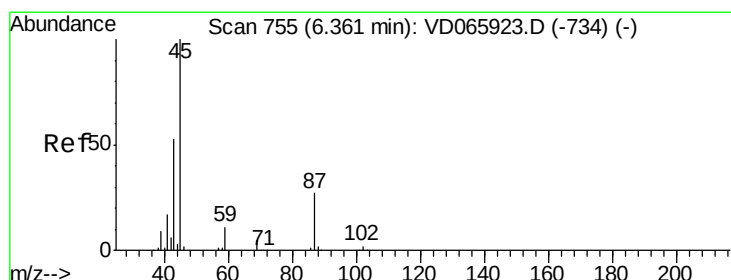
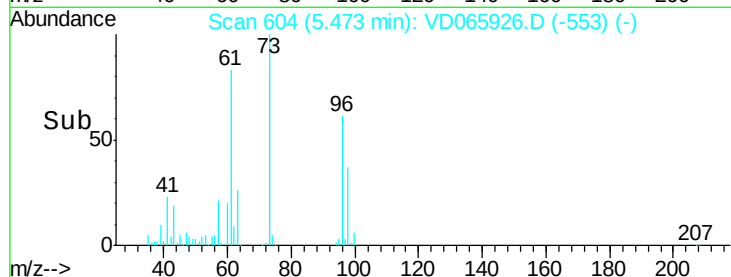
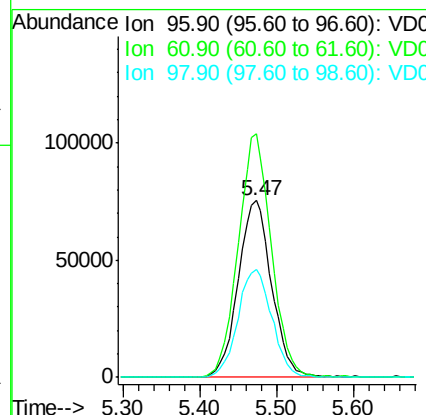
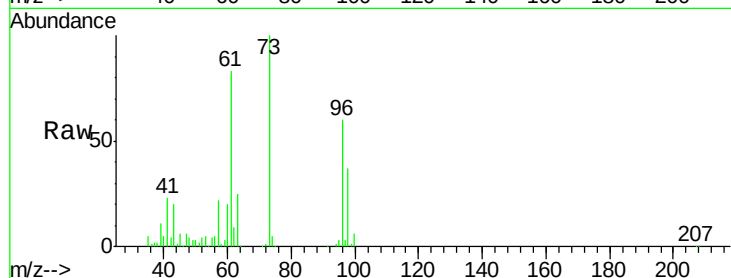
98 61.1 51.0 76.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 48.754 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion: 45 Resp: 659892

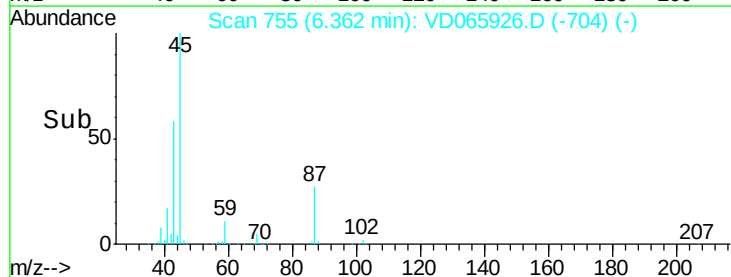
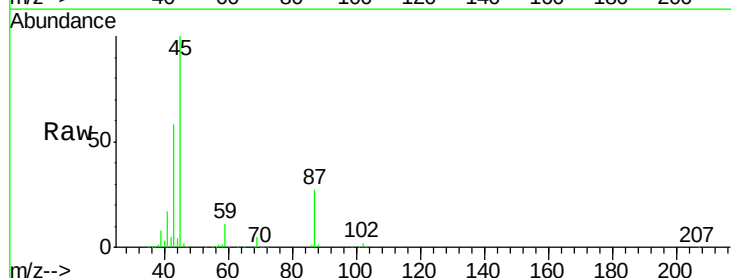
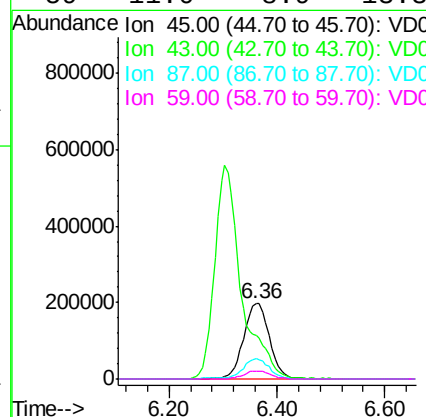
Ion Ratio Lower Upper

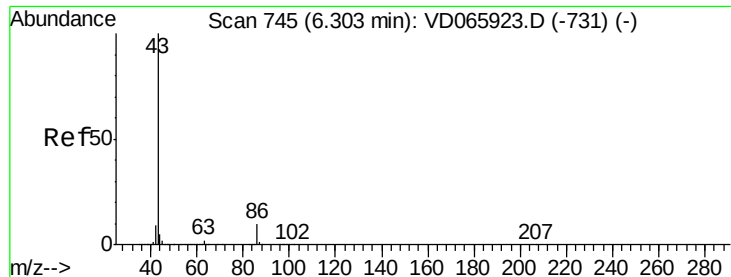
45 100

43 57.0 42.5 63.7

87 26.7 22.2 33.2

59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 247.871 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 43 Resp: 1915000

Ion Ratio Lower Upper

43 100

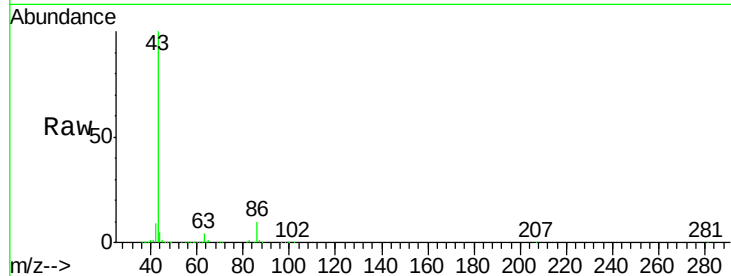
86 10.4 8.1 12.1

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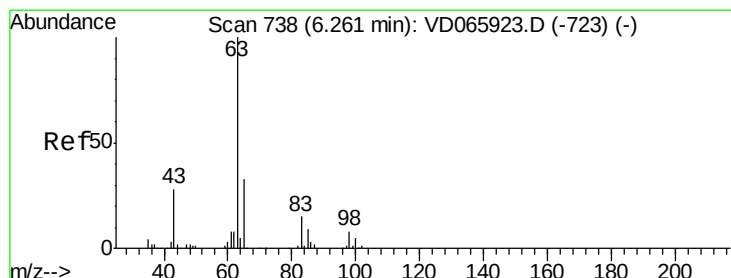
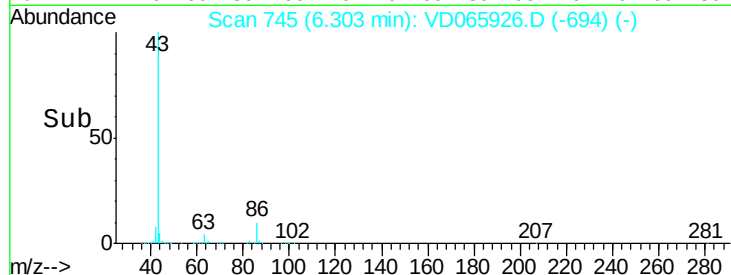
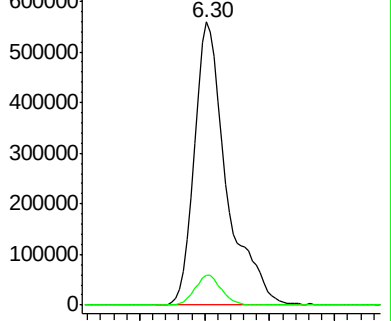
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.189 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

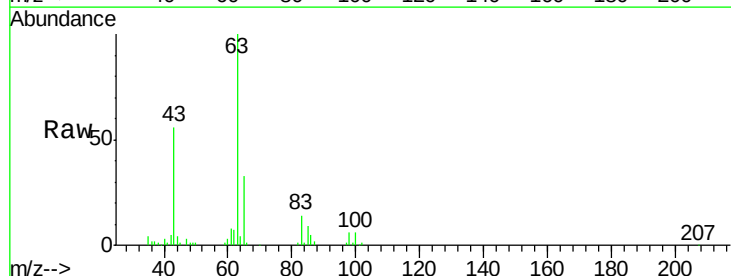
Tgt Ion: 63 Resp: 380855

Ion Ratio Lower Upper

63 100

98 6.2 3.8 11.4

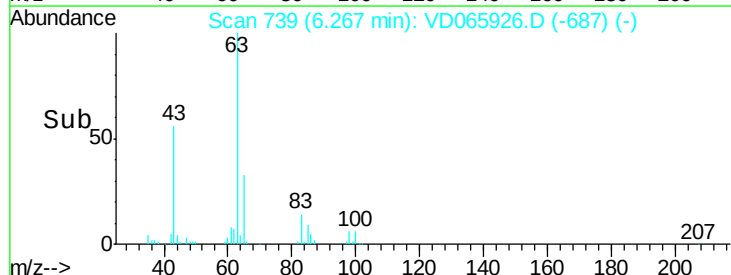
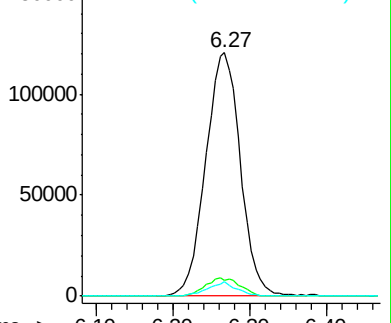
100 5.8 2.5 7.5

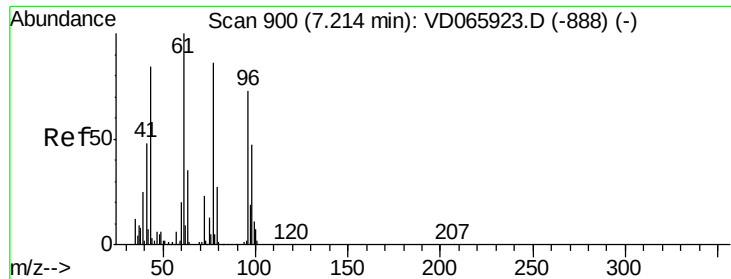


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 233.257 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 43 Resp: 280738

Ion Ratio Lower Upper

43 100

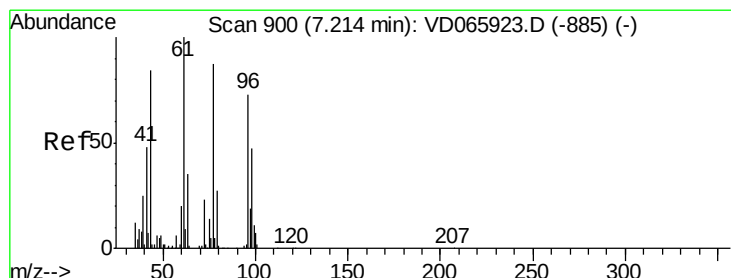
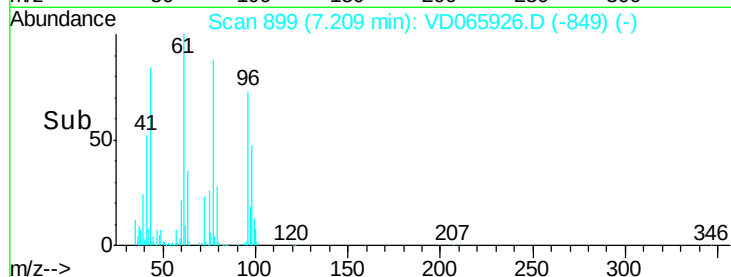
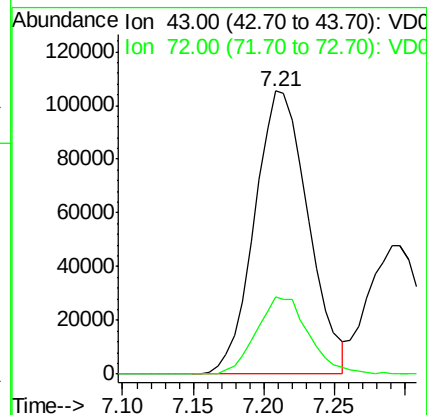
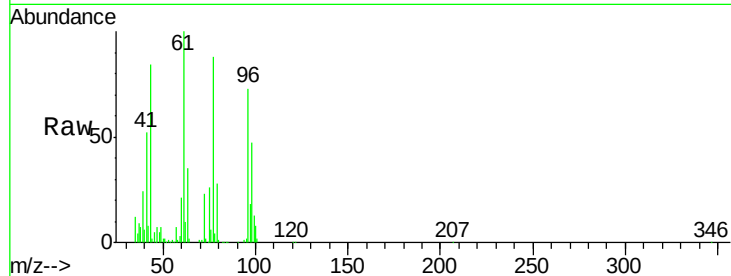
72 27.2 22.1 33.1

Manual Integrations

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7/8/2020 12:05:25 PM



#26

2,2-Dichloropropane

Concen: 46.062 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065926.D

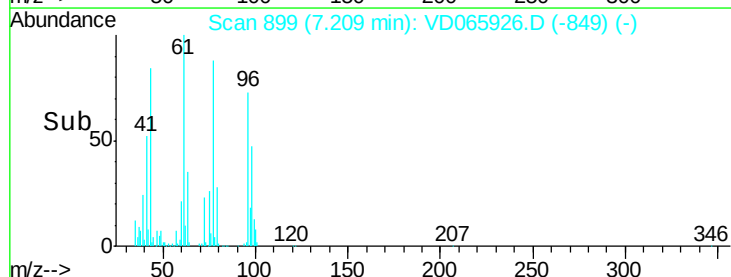
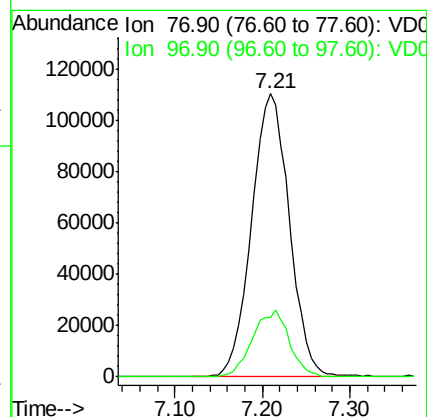
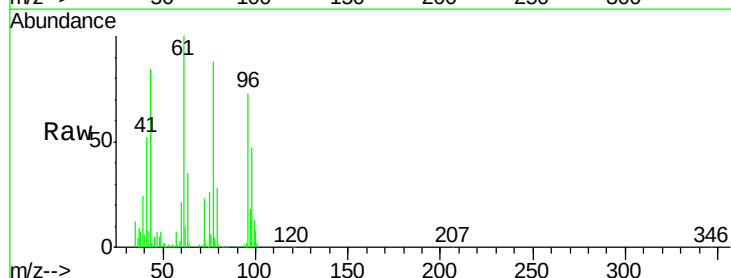
Acq: 07 Jul 2020 17:17

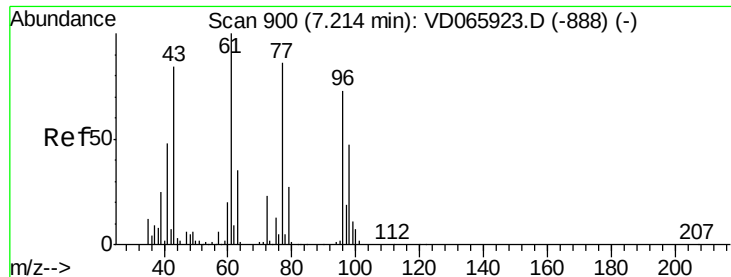
Tgt Ion: 77 Resp: 325221

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8





#27

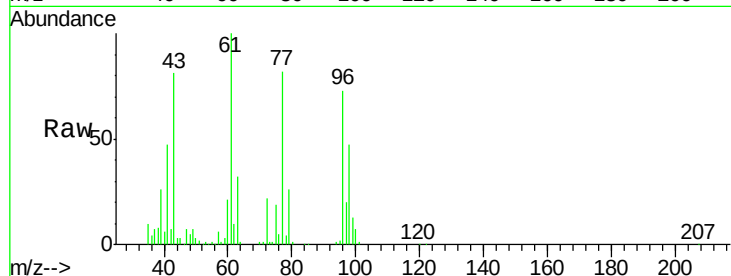
cis-1,2-Dichloroethene
Concen: 48.433 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

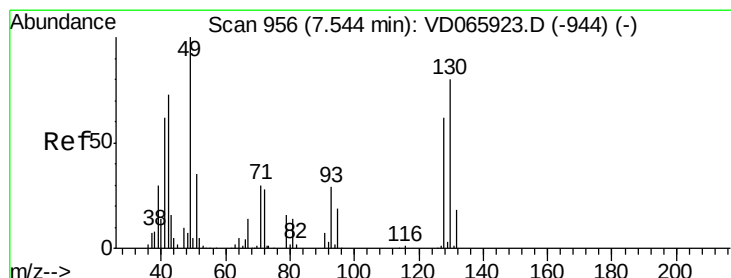
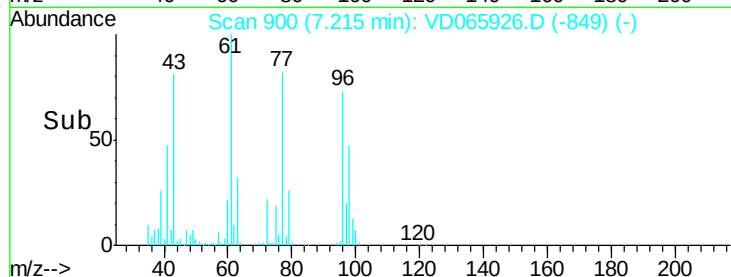
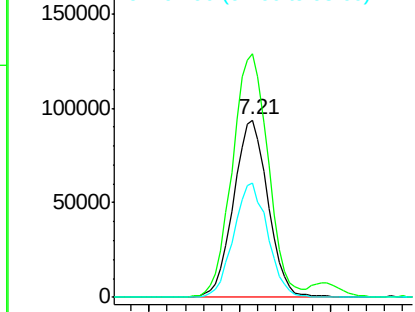
Tot Ion	Ratio	Resp	Lower	Upper
96	100	248836		
61	142.4	0.0	286.6	
98	63.7	0.0	128.2	

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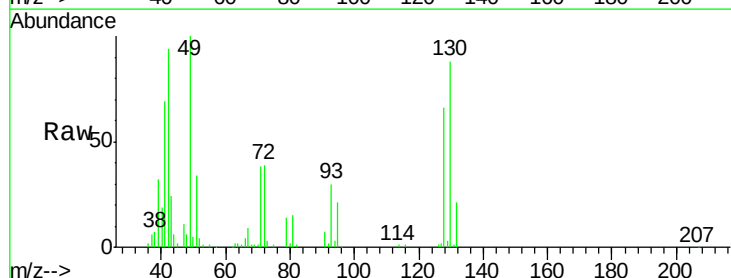
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



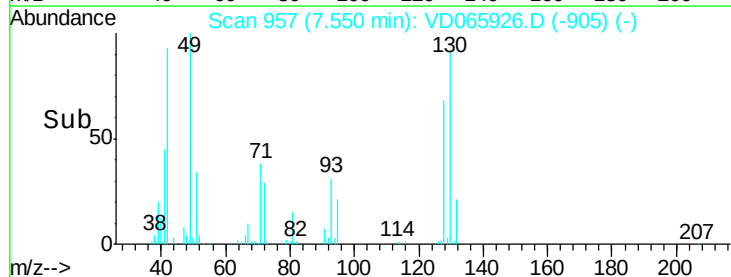
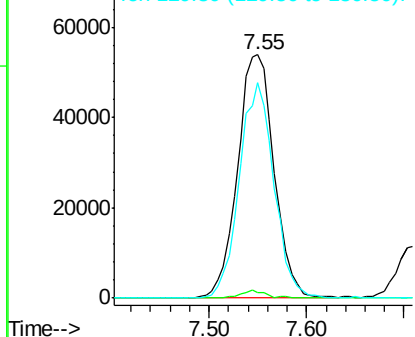
#28

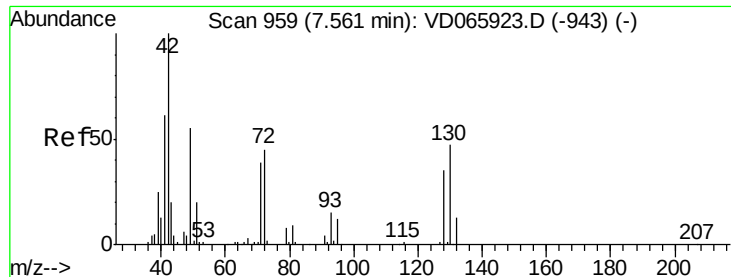
Bromochloromethane
Concen: 46.194 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	140838		
129	2.3	0.0	4.8	
130	83.8	65.8	98.8	



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





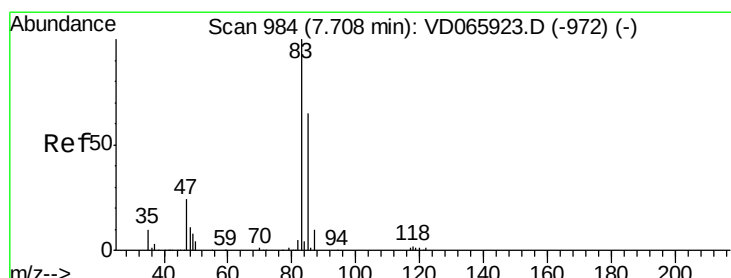
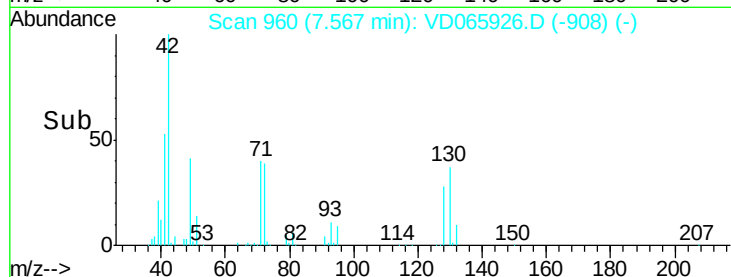
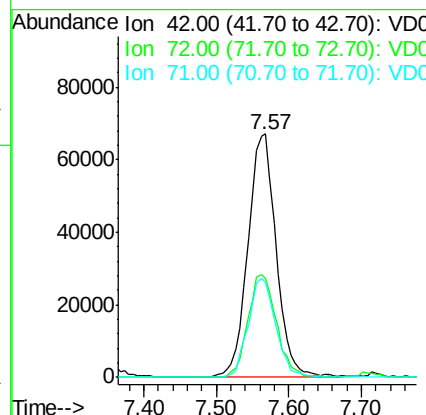
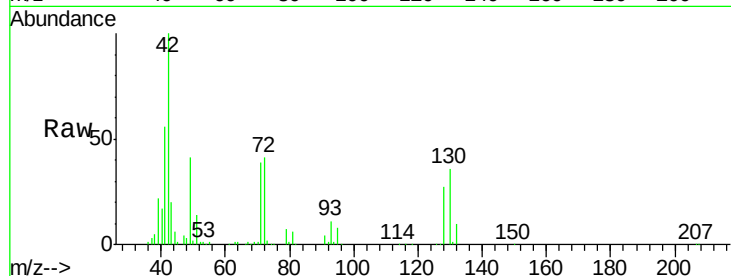
#29
Tetrahydrofuran
Concen: 237.656 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.8	49.2
71	39.6	31.0	46.4

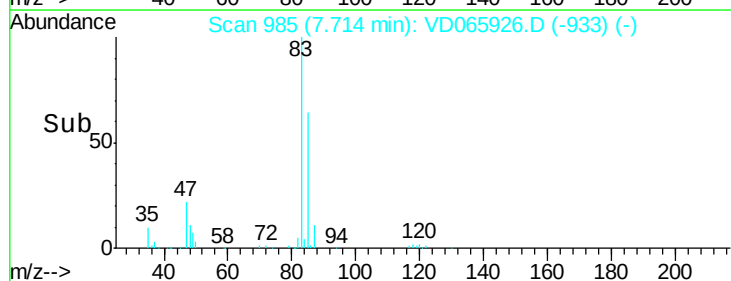
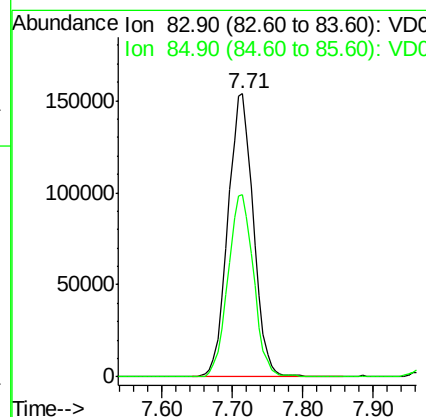
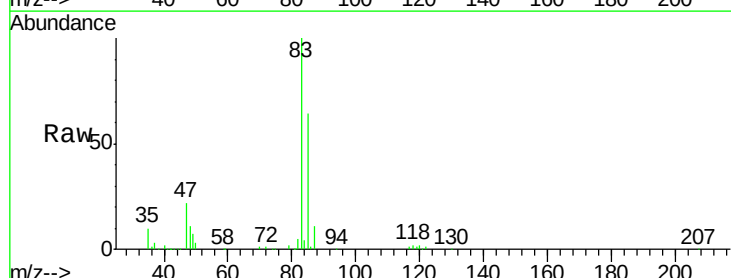
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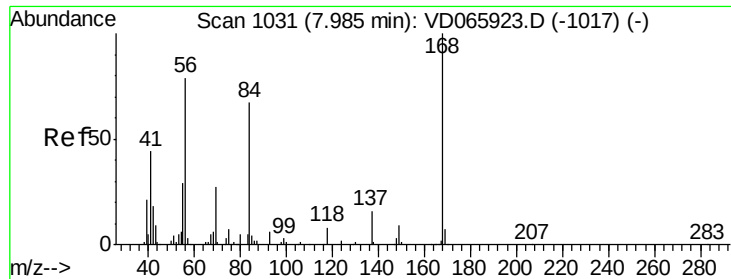
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#30
Chloroform
Concen: 47.050 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





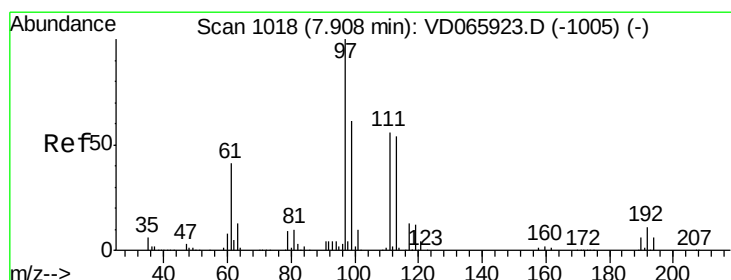
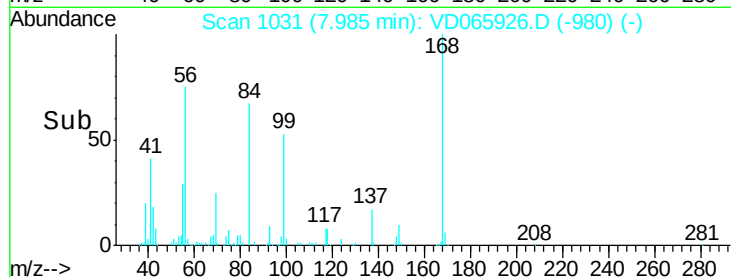
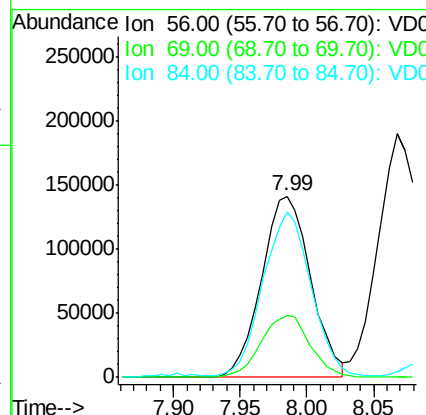
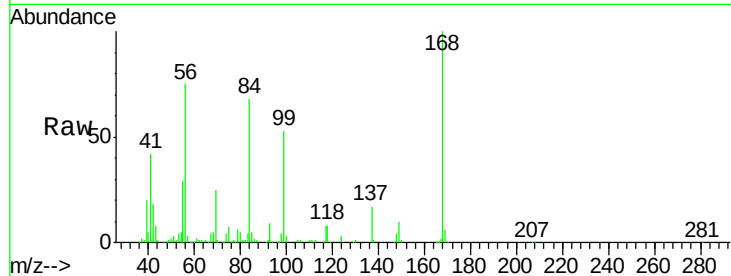
#31
Cyclohexane
Concen: 45.411 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.4	41.0
84	89.5	68.6	102.8

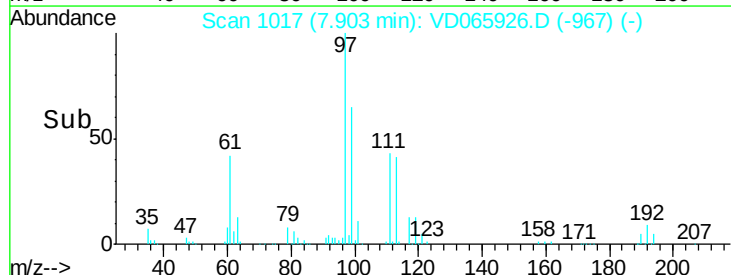
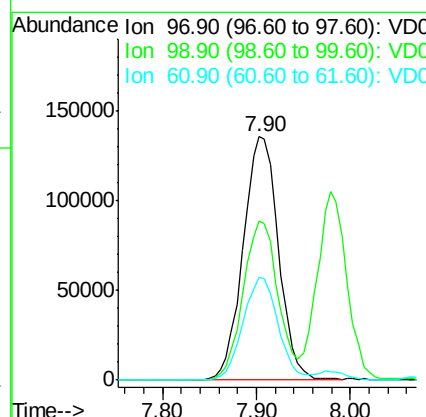
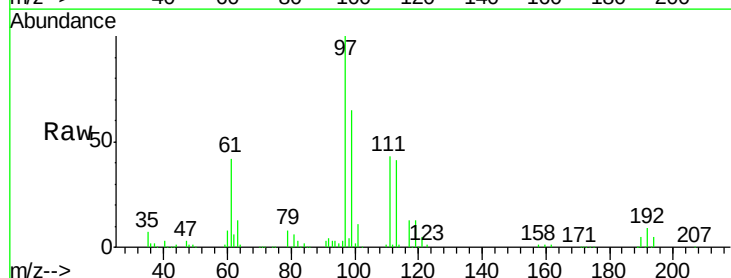
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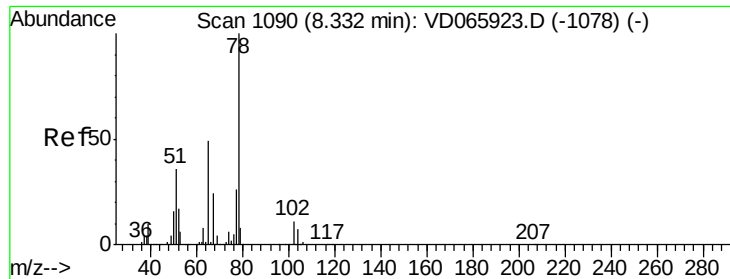
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#32
1,1,1-Trichloroethane
Concen: 47.281 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	42.4	33.6	50.4





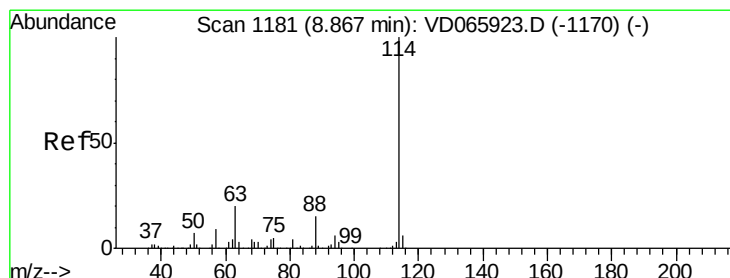
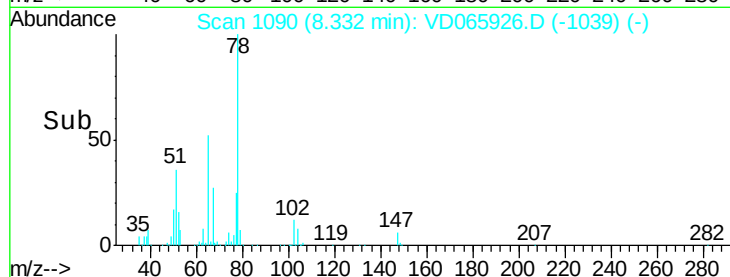
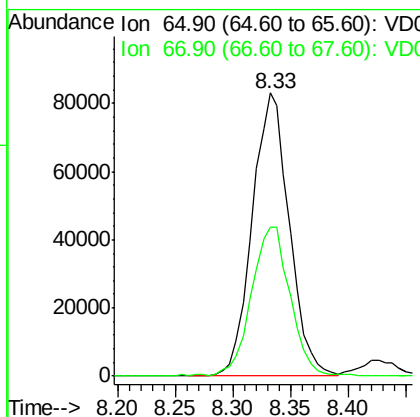
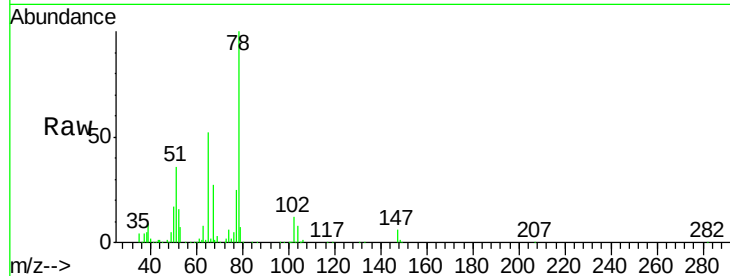
#33
 1,2-Dichloroethane-d4
 Concen: 47.799 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185765		
67	54.8	0.0	105.6	

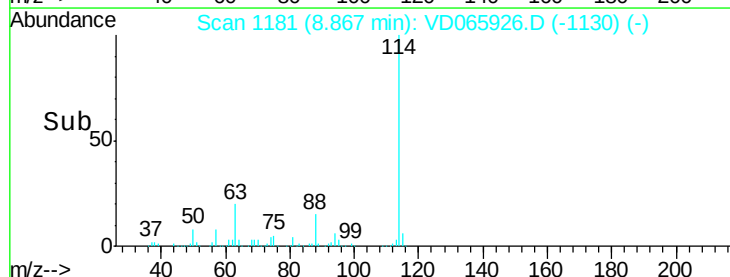
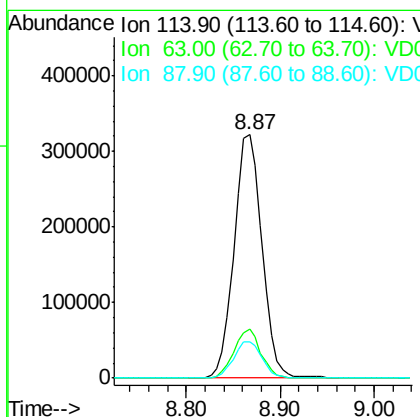
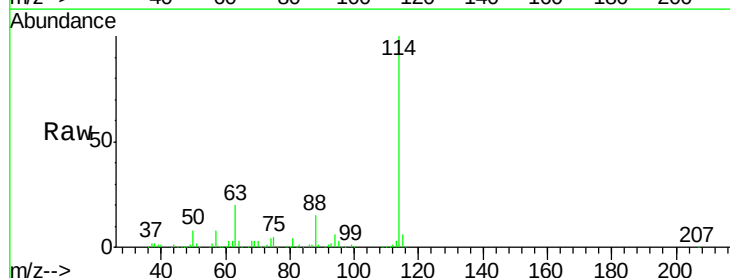
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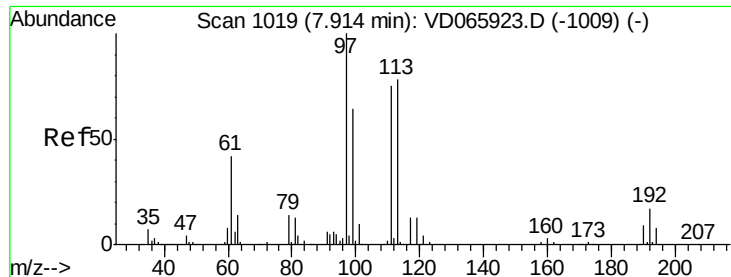
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	662601		
63	19.9	0.0	39.2	
88	14.7	0.0	30.0	





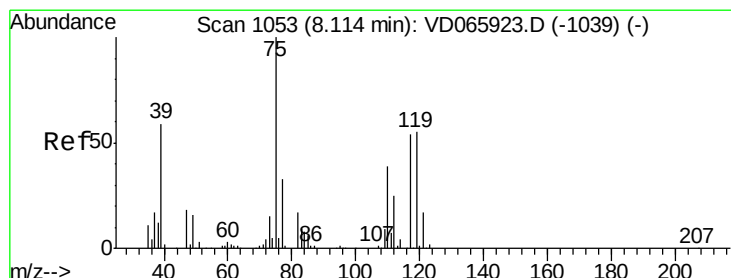
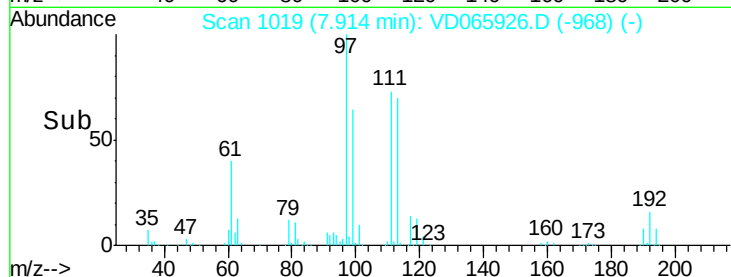
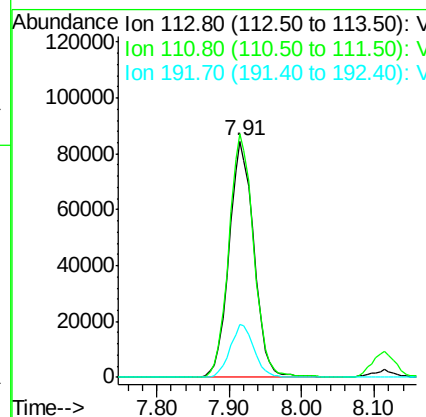
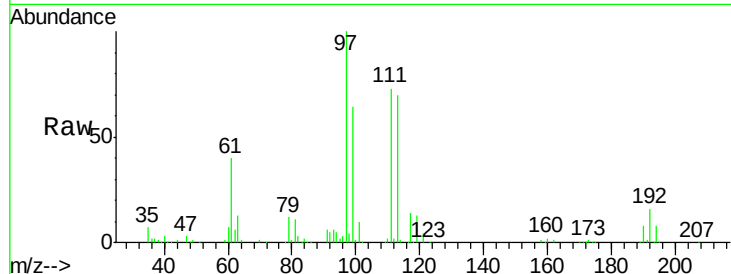
#35
 Dibromofluoromethane
 Concen: 49.187 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201051		
111	102.9	80.9	121.3	
192	21.6	17.1	25.7	

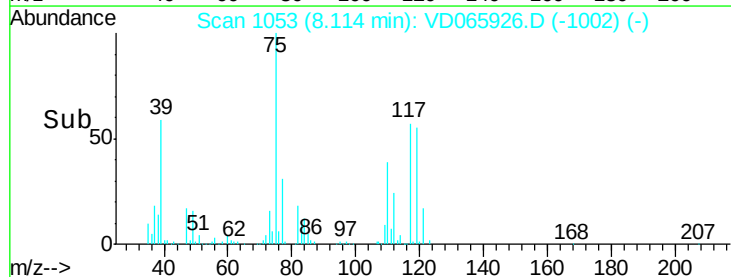
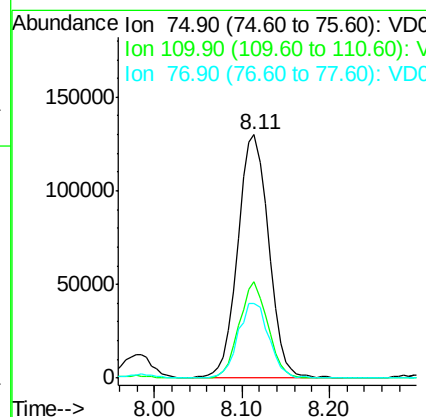
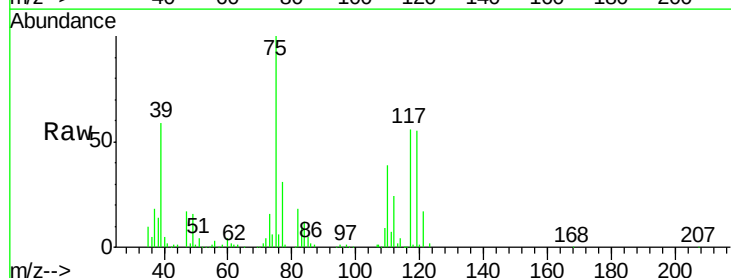
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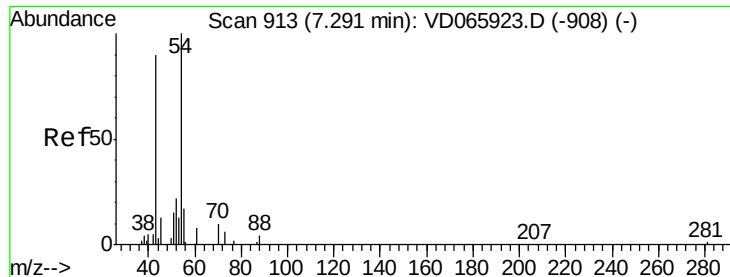
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#36
 1,1-Dichloropropene
 Concen: 47.243 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	309165		
110	36.8	18.5	55.5	
77	31.1	25.6	38.4	





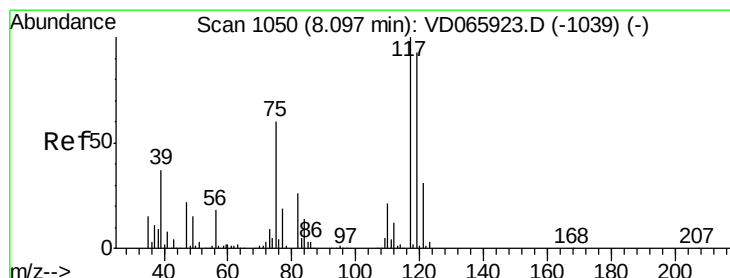
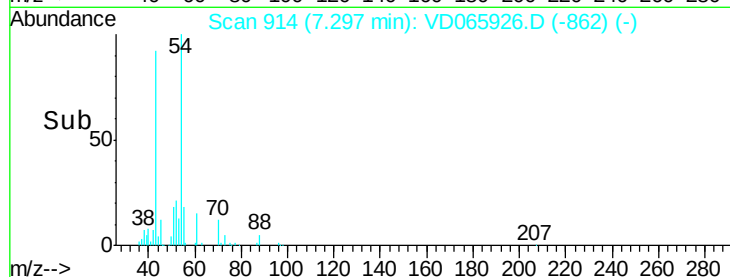
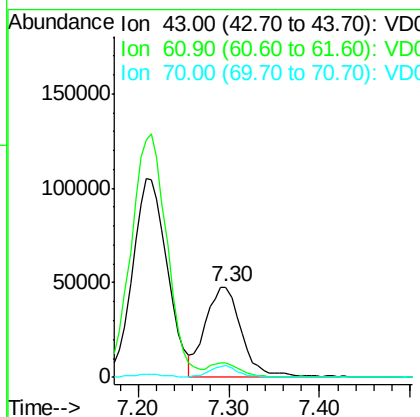
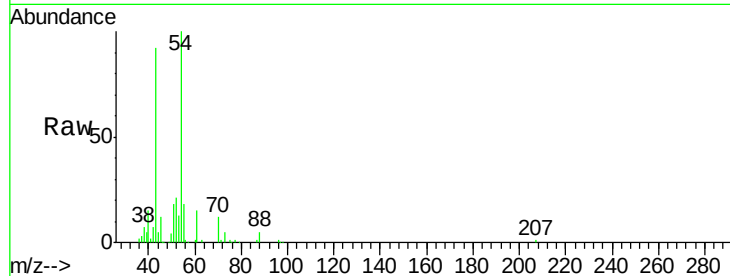
#37
Ethyl Acetate
Concen: 47.950 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	9.4	14.0#
70	10.3	8.3	12.5

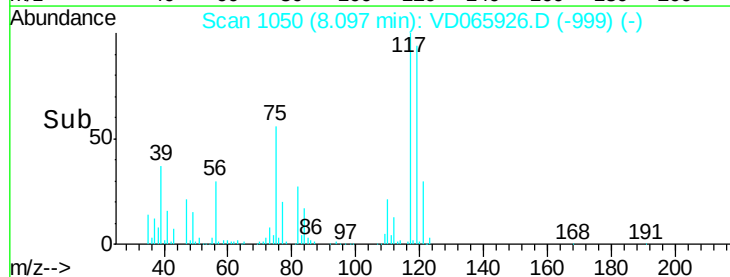
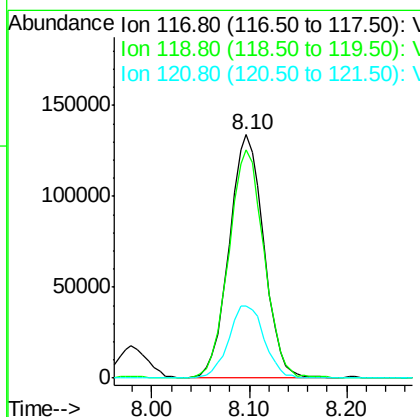
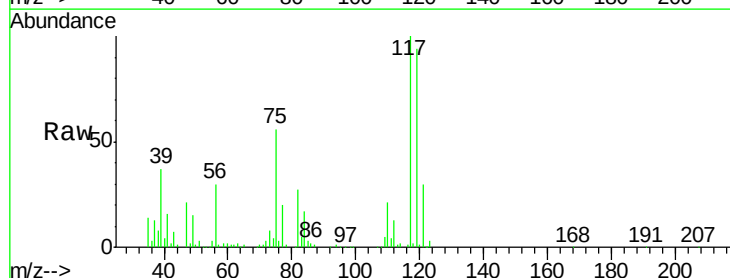
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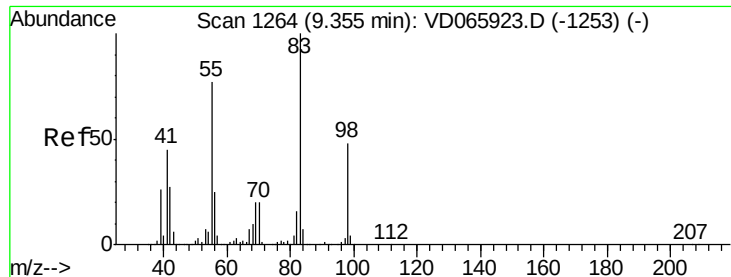
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#38
Carbon Tetrachloride
Concen: 46.764 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.7	112.1
121	29.8	24.9	37.3





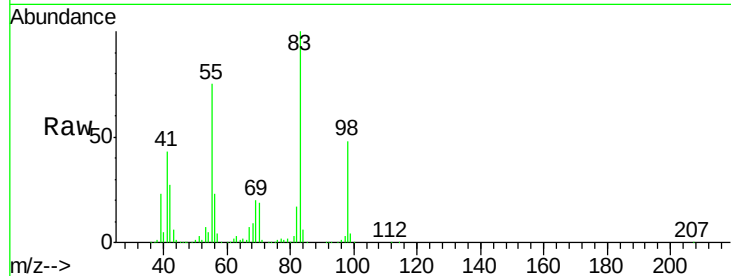
#39
Methylvlcyclohexane
Concen: 49.080 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

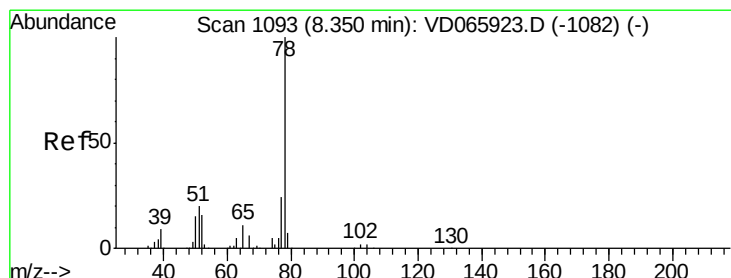
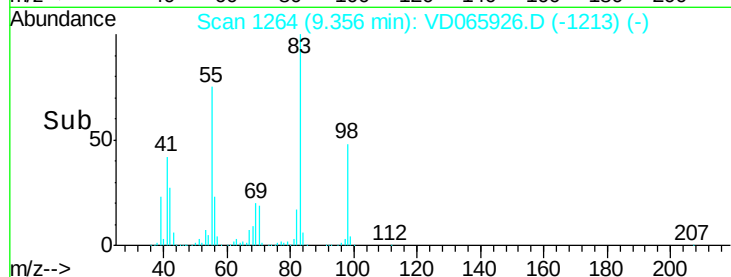
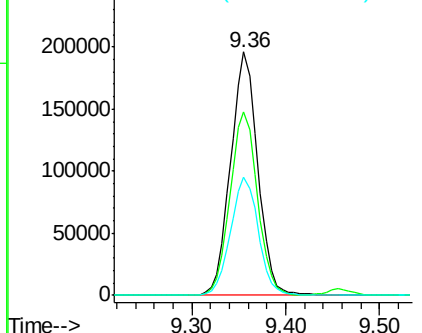
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.7	92.5
98	48.4	38.6	58.0

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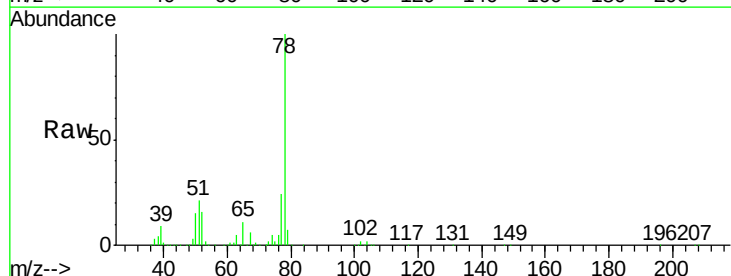


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

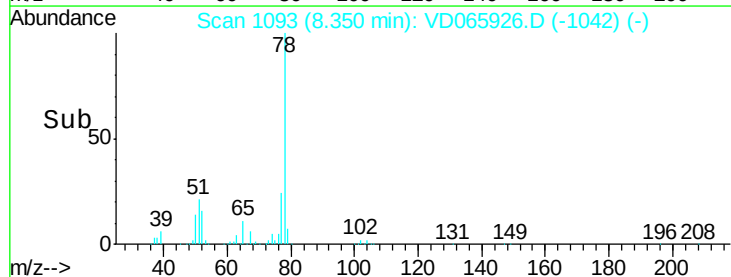
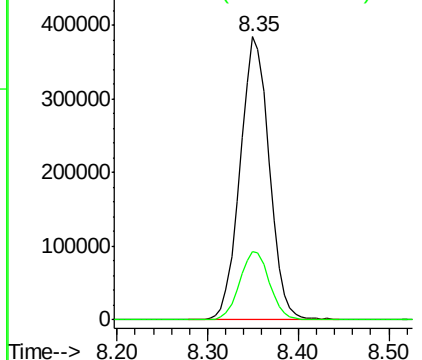


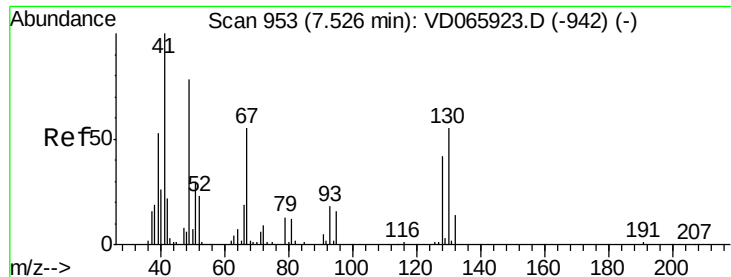
#40
Benzene
Concen: 47.566 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 42.150 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 41 Resp: 67102

Ion Ratio Lower Upper

41 100

39 0.0 42.4 63.6#

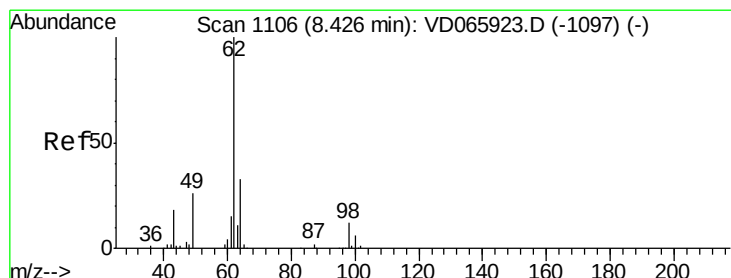
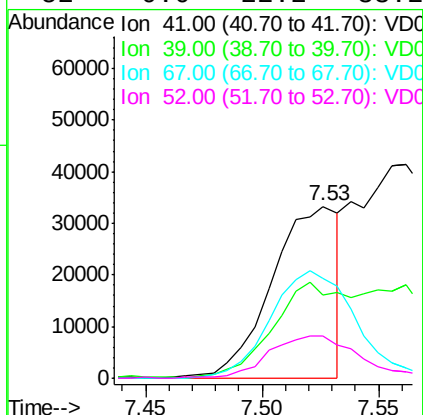
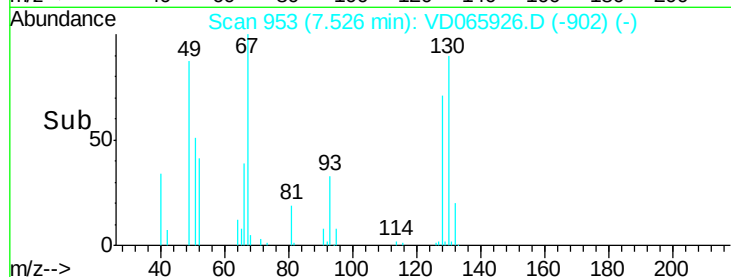
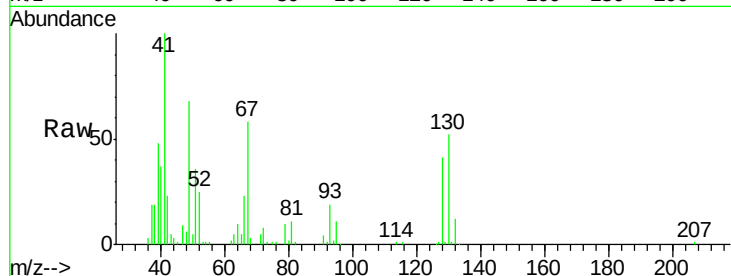
67 0.0 53.6 80.4#

52 0.0 22.2 33.2#

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#42

1,2-Dichloroethane

Concen: 46.346 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD065926.D

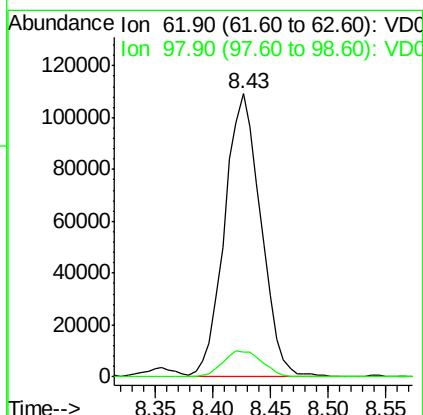
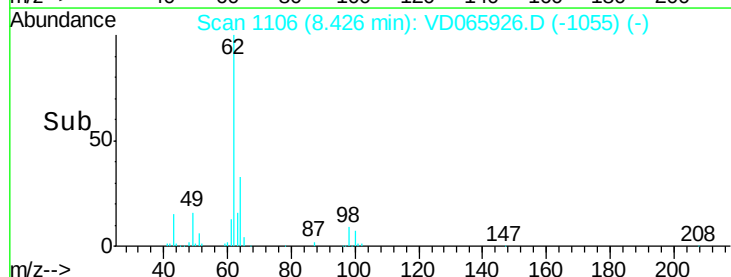
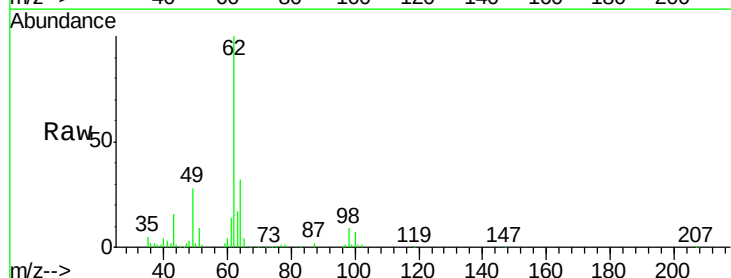
Acq: 07 Jul 2020 17:17

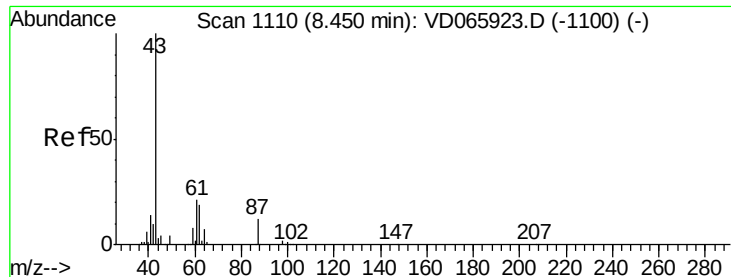
Tgt Ion: 62 Resp: 237370

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.0





#43

Isopropyl Acetate

Concen: 49.227 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

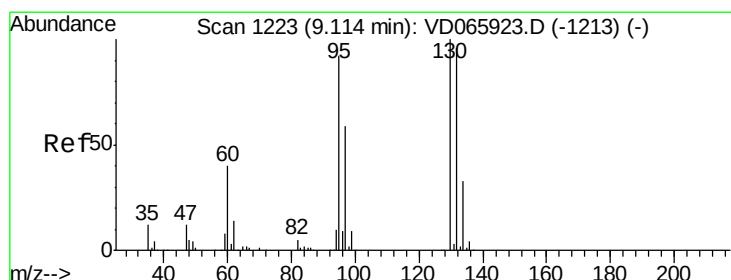
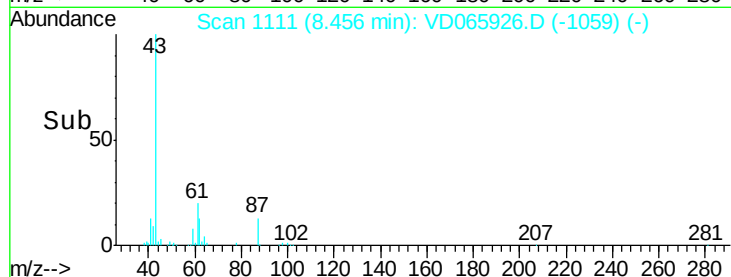
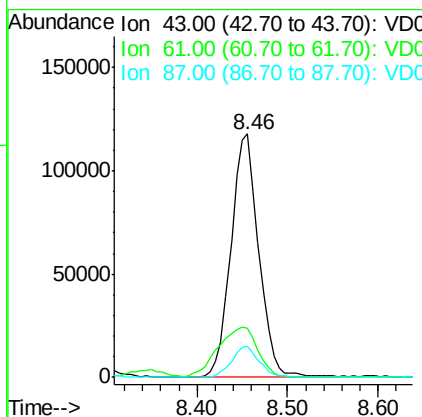
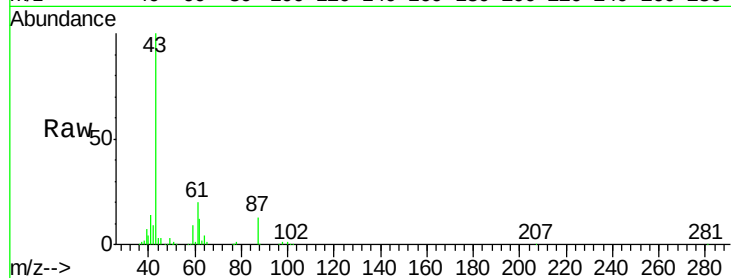
ClientSampleId :

ICVVD070720

Tot Ion:	43	Resp:	251249
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.2	34.8
87	12.6	10.0	15.0

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#44

Trichloroethene

Concen: 47.220 ug/l

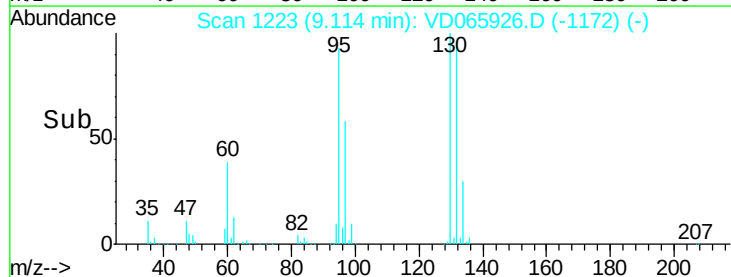
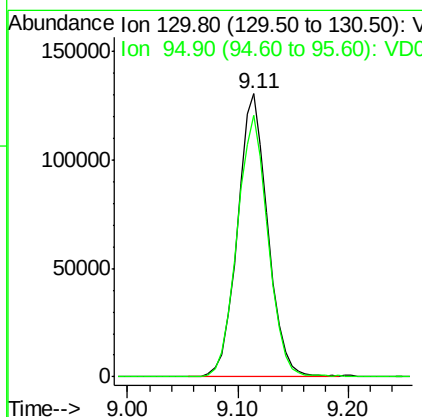
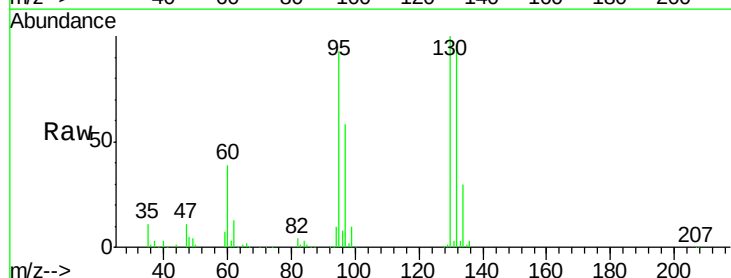
RT: 9.11 min Scan# 1223

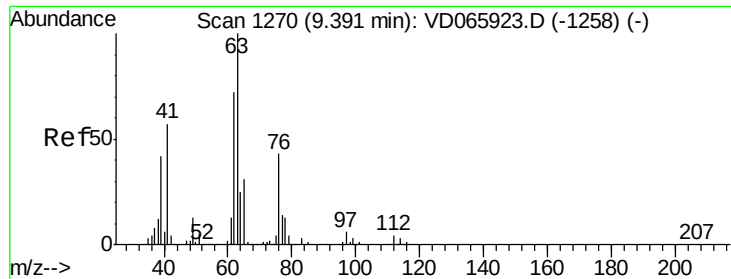
Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion:	130	Resp:	250829
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	184.6





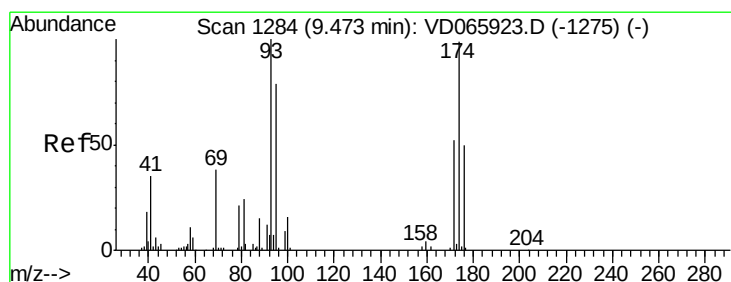
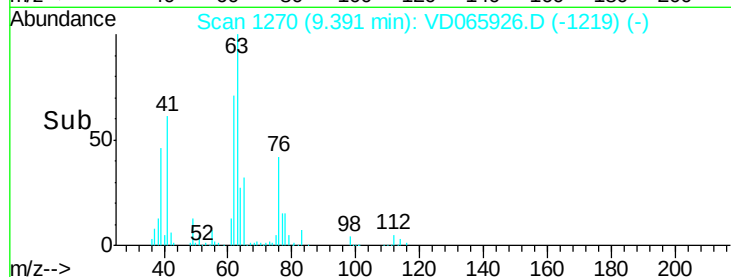
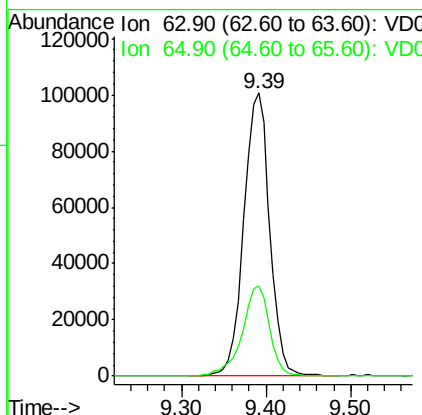
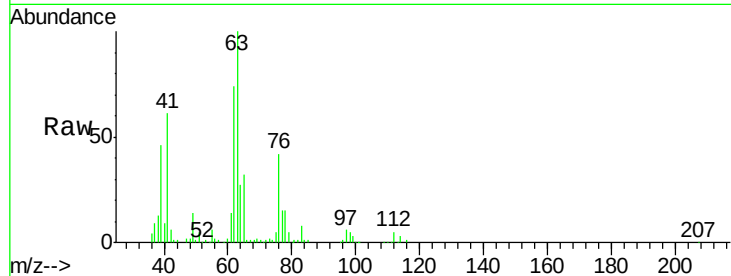
#45
 1,2-Dichloropropane
 Concen: 47.879 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion: 63 Resp: 214840
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.6

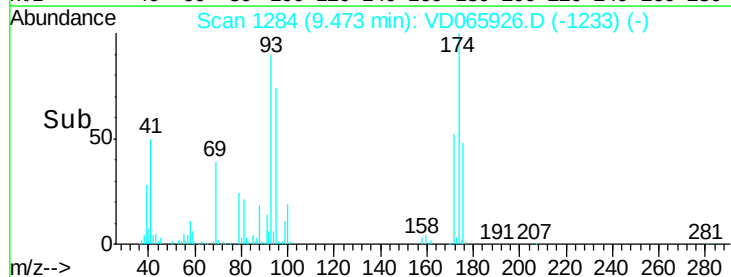
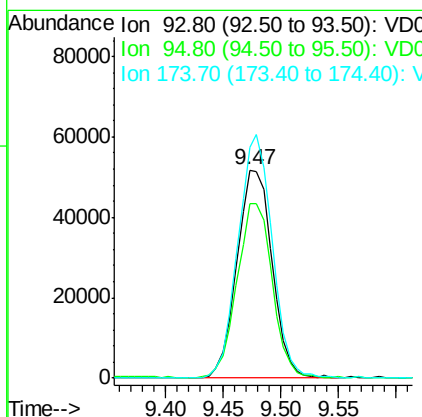
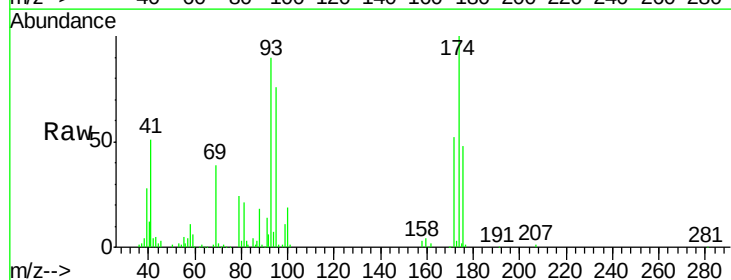
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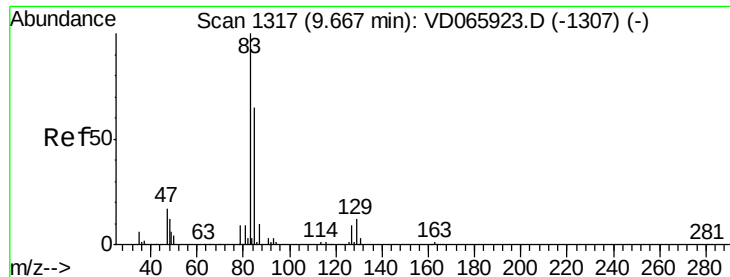
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#46
 Dibromomethane
 Concen: 47.200 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 93 Resp: 110265
 Ion Ratio Lower Upper
 93 100
 95 84.1 68.2 102.2
 174 113.3 88.0 132.0





#47

Bromodichloromethane

Concen: 47.730 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

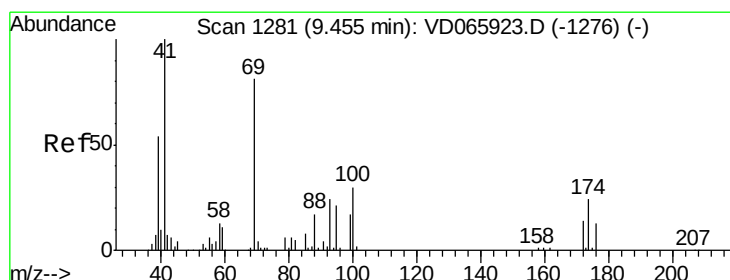
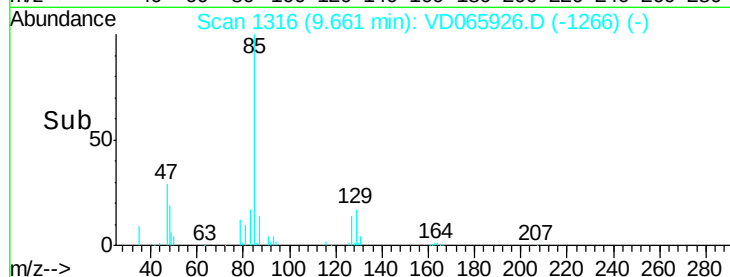
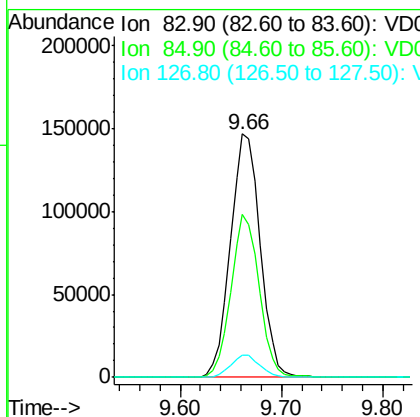
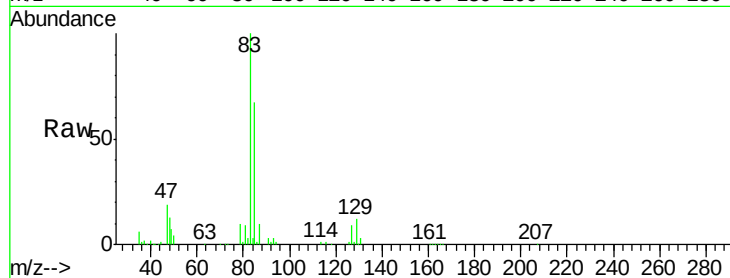
ClientSampleId :

ICVVD070720

Tot Ion:	83	Resp:	299099
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.6	77.4
127	9.2	7.2	10.8

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#48

Methyl methacrylate

Concen: 49.763 ug/l

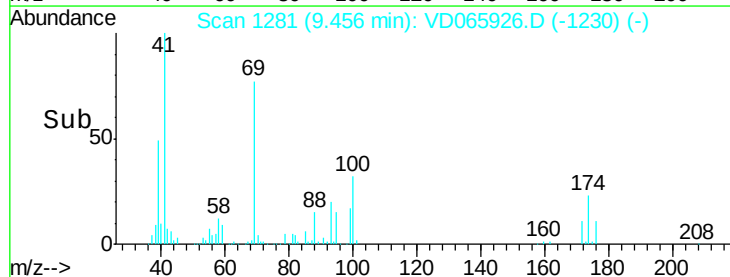
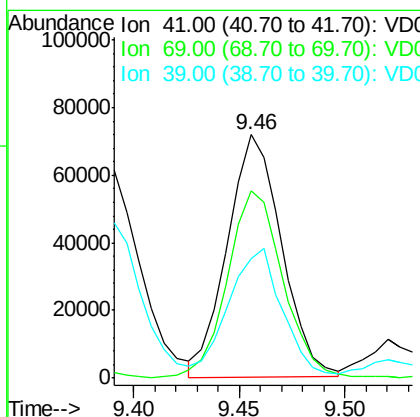
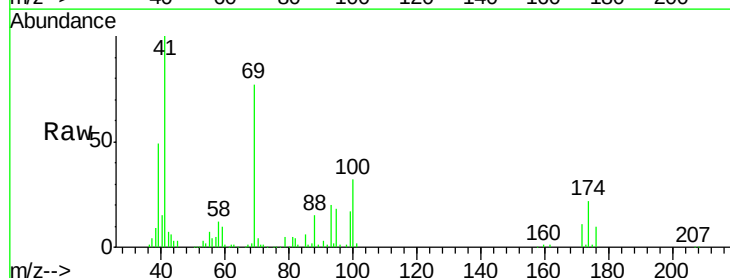
RT: 9.46 min Scan# 1281

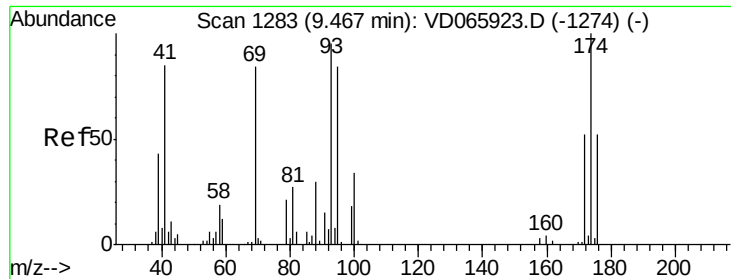
Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion:	41	Resp:	127861
Ion	Ratio	Lower	Upper
41	100		
69	79.7	62.2	93.4
39	49.7	39.9	59.9





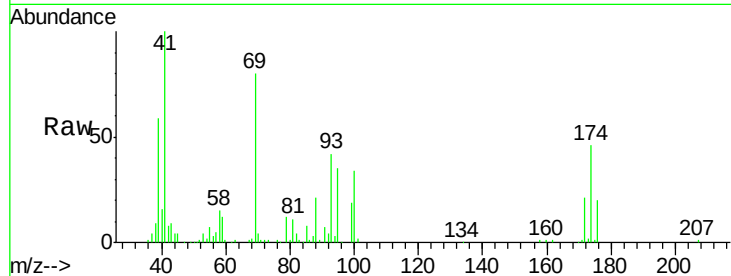
#49
1,4-Dioxane
Concen: 1016.974 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

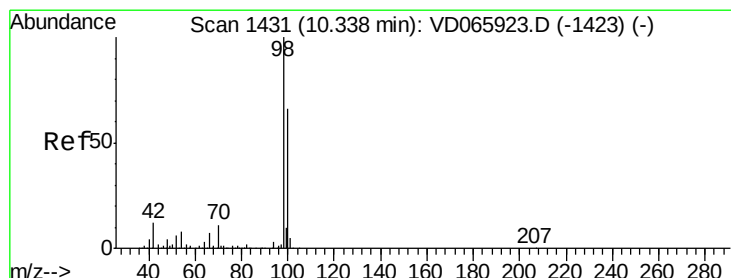
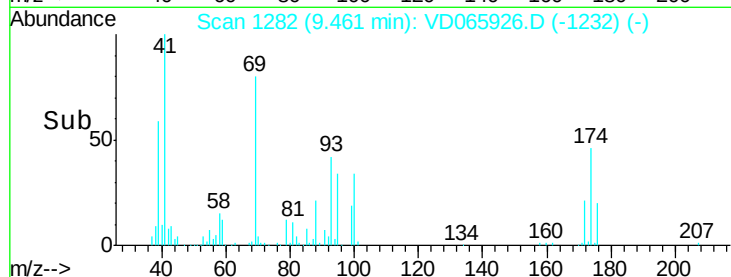
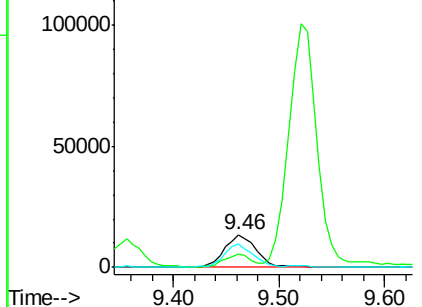
Tot Ion	88	Resp	28229
Ion	Ratio	Lower	Upper
88	100		
43	31.1	28.2	42.4
58	66.5	58.6	87.8

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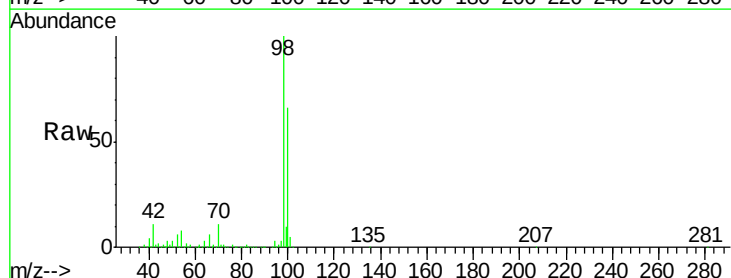


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

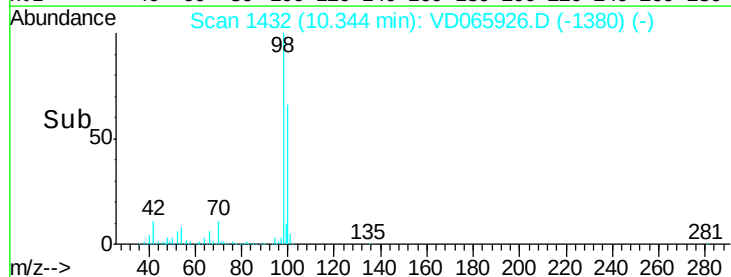
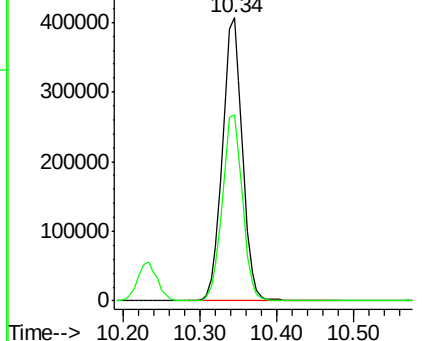


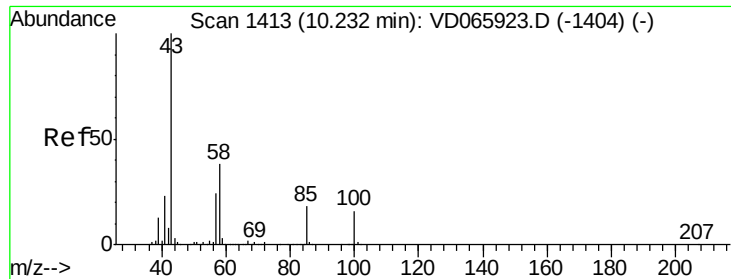
#50
Toluene-d8
Concen: 49.032 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	98	Resp	731260
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 242.518 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 43 Resp: 625779

Ion Ratio Lower Upper

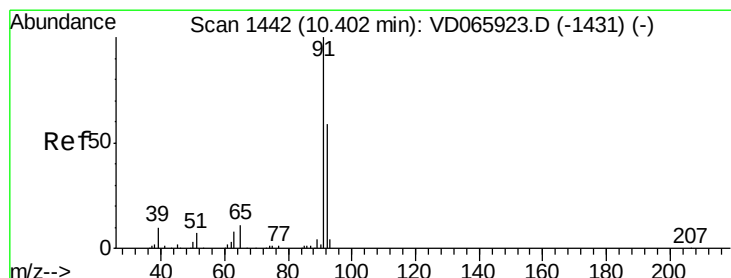
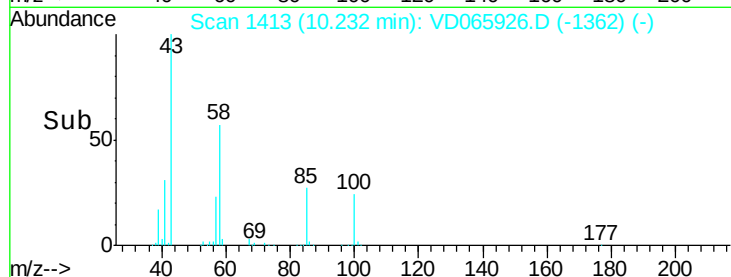
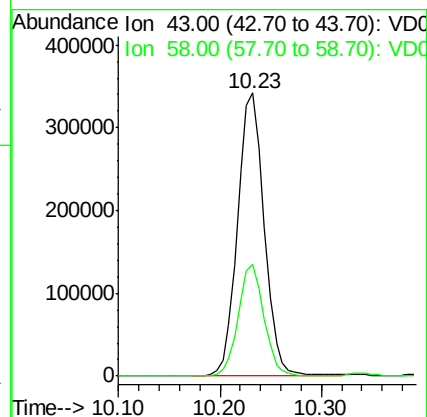
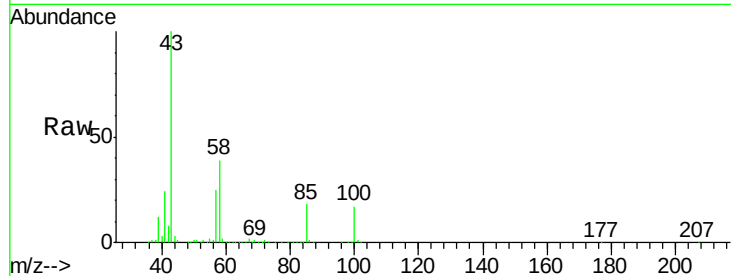
43 100

58 38.0 30.5 45.7

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#52

Toluene

Concen: 48.609 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065926.D

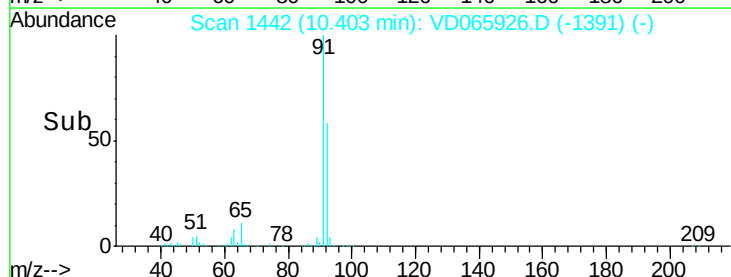
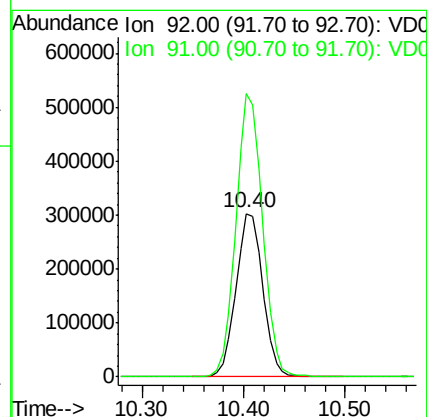
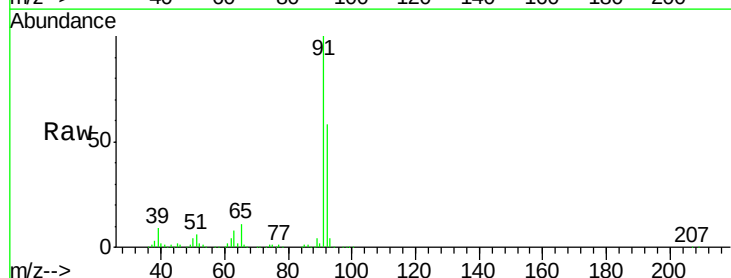
Acq: 07 Jul 2020 17:17

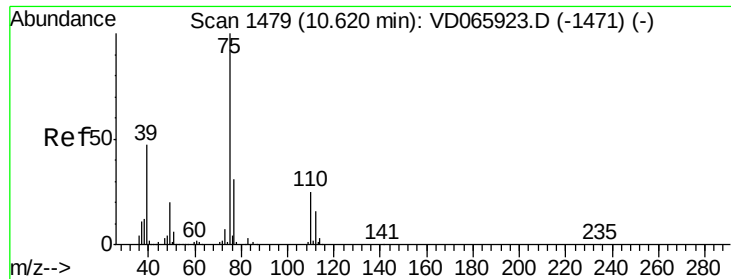
Tgt Ion: 92 Resp: 559090

Ion Ratio Lower Upper

92 100

91 171.5 136.0 204.0





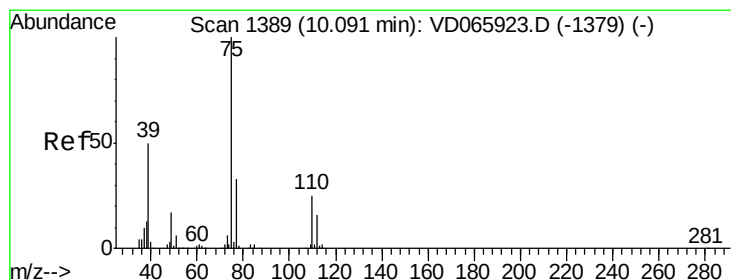
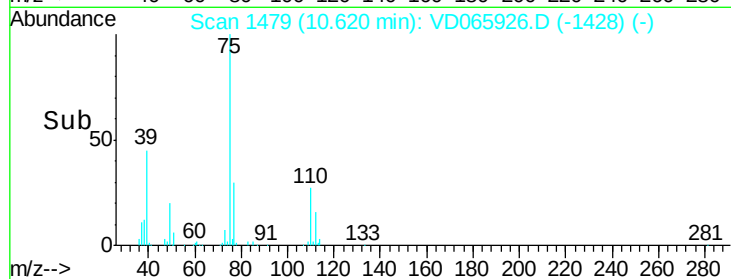
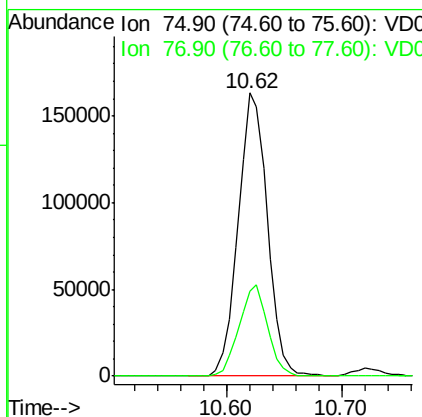
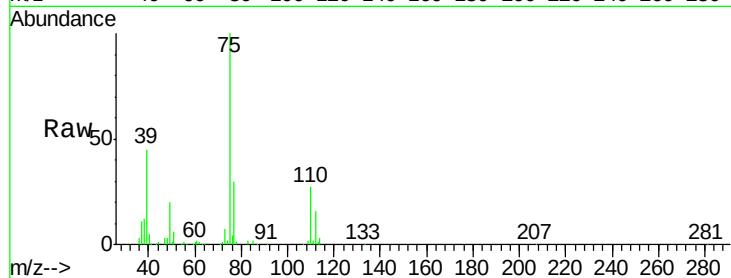
#53
t-1,3-Dichloropropene
Concen: 48.538 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.1	37.7

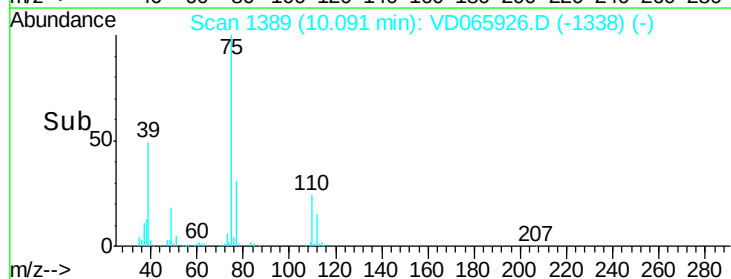
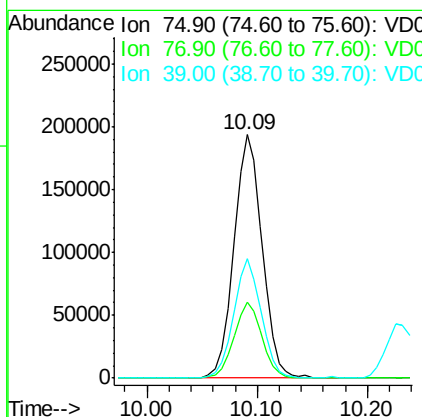
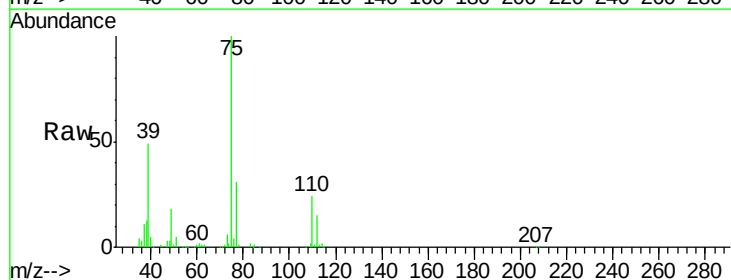
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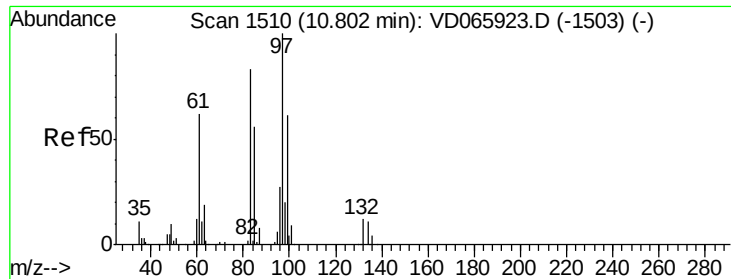
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#54
cis-1,3-Dichloropropene
Concen: 48.840 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.6	39.8
39	48.8	39.6	59.4





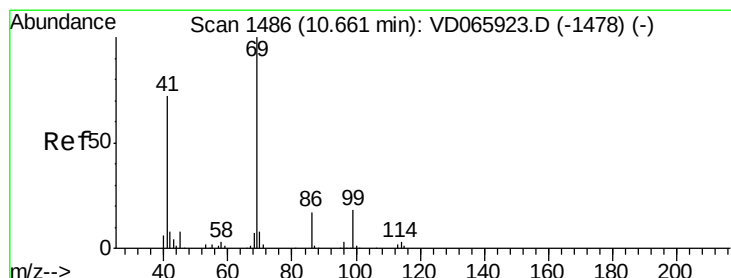
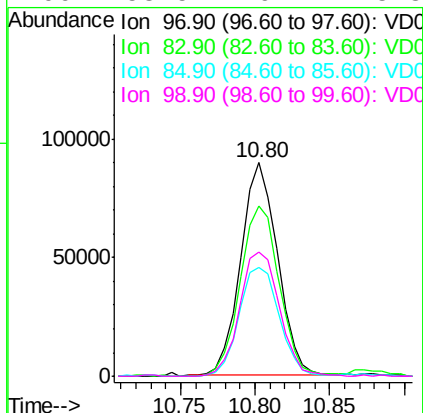
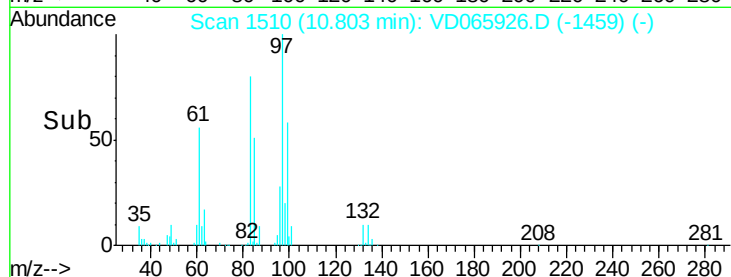
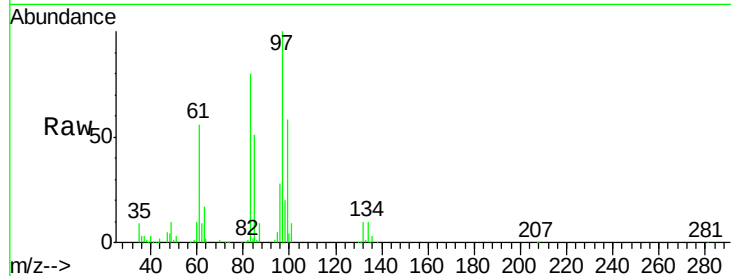
#55
 1,1,2-Trichloroethane
 Concen: 47.630 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion:	97	Resp:	153307
Ion	Ratio	Lower	Upper
97	100		
83	80.2	66.9	100.3
85	51.4	44.5	66.7
99	58.5	49.2	73.8

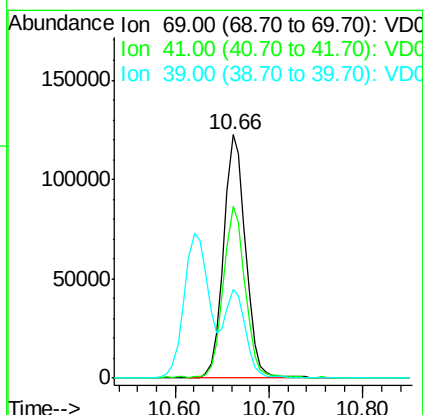
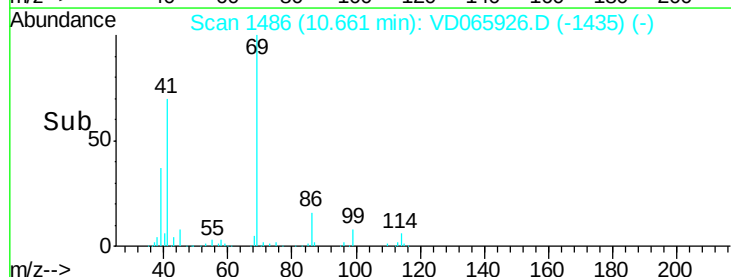
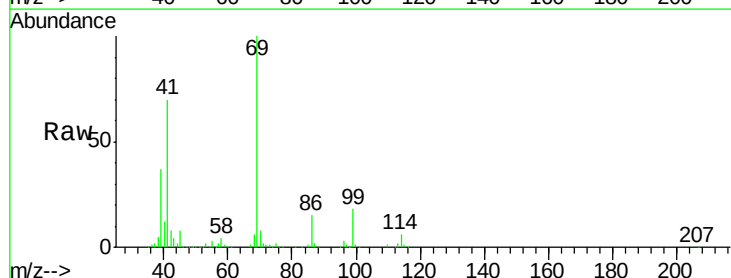
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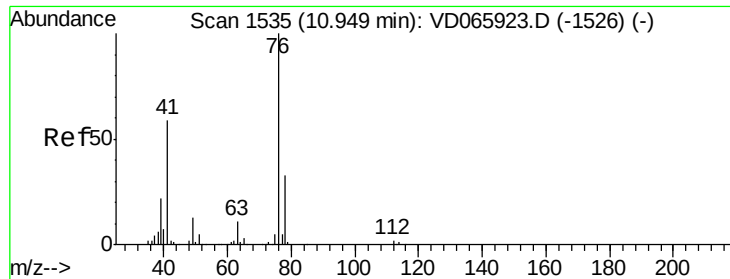
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#56
 Ethyl methacrylate
 Concen: 50.840 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion:	69	Resp:	199867
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.5	84.7
39	35.9	29.2	43.8





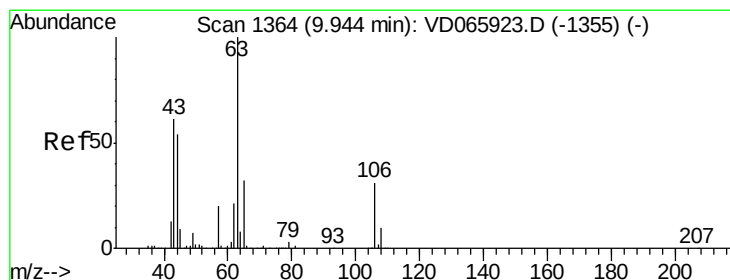
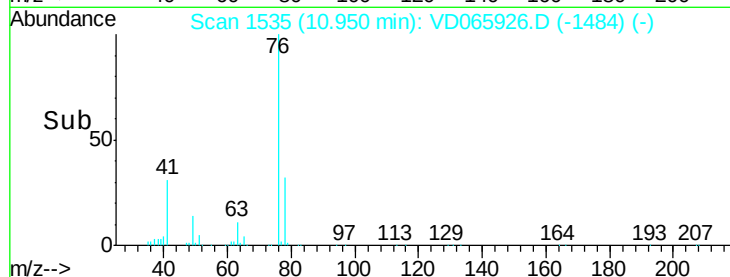
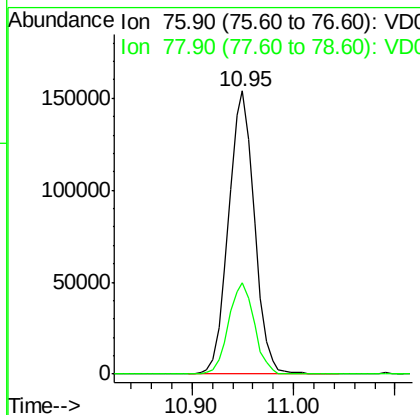
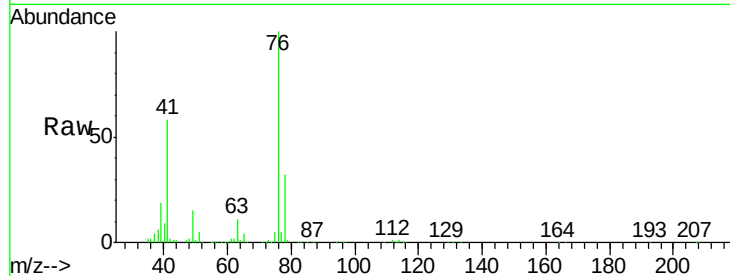
#57
 1,3-Dichloropropane
 Concen: 48.378 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion: 76 Resp: 272316
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6

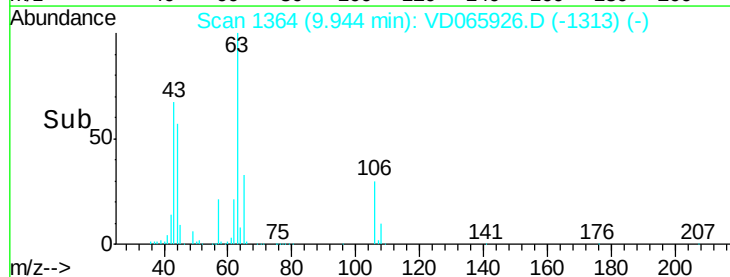
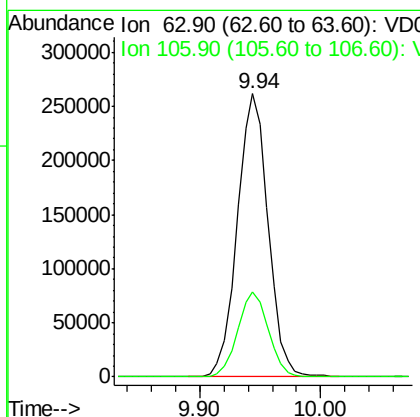
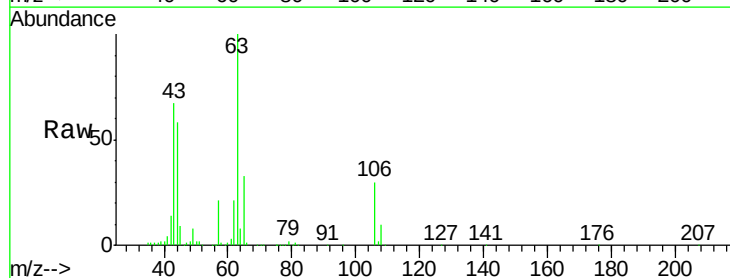
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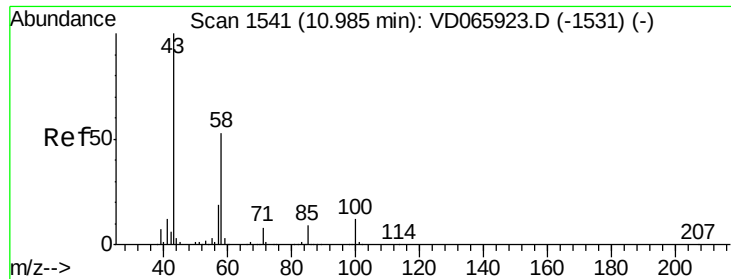
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.863 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 63 Resp: 464298
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.8 35.6





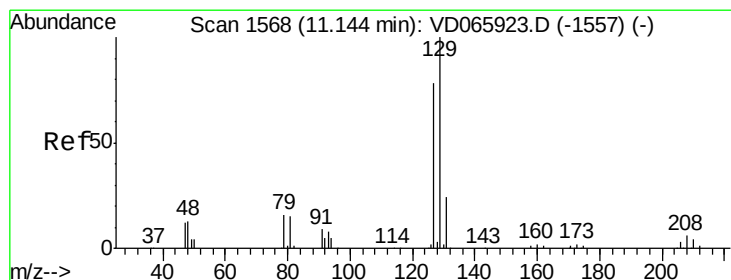
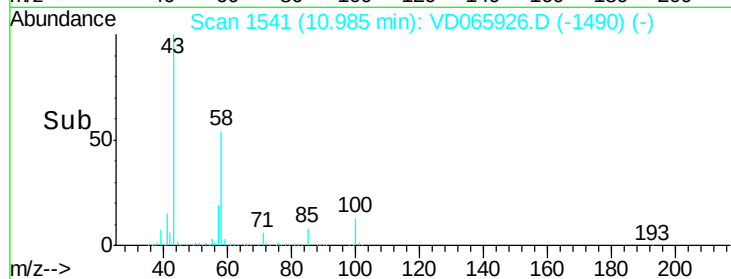
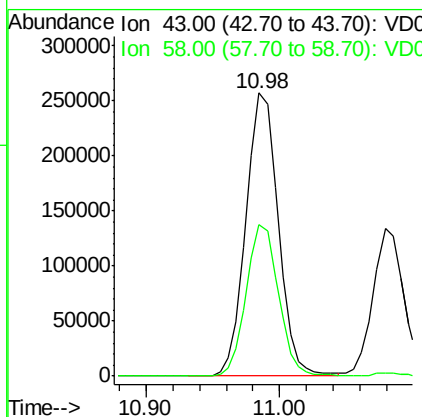
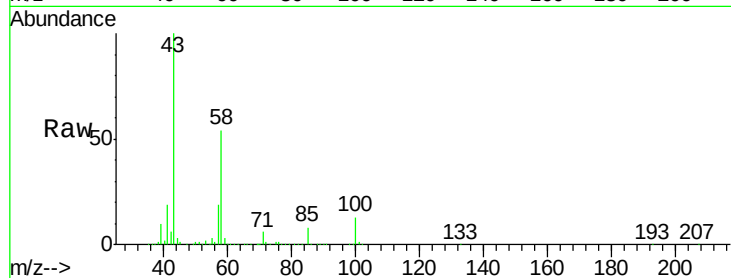
#59
2-Hexanone
Concen: 242.655 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion: 43 Resp: 430615
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.8

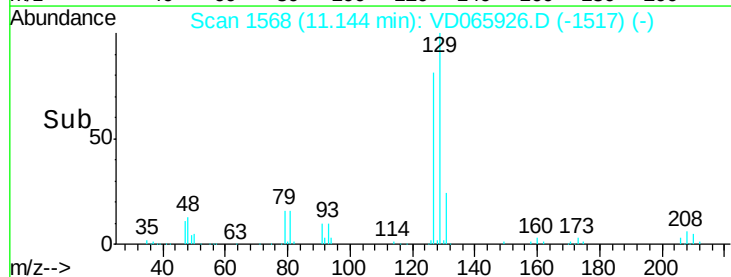
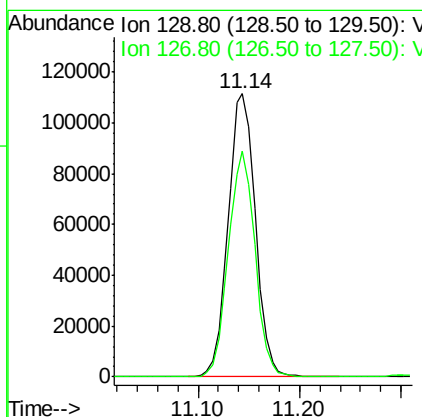
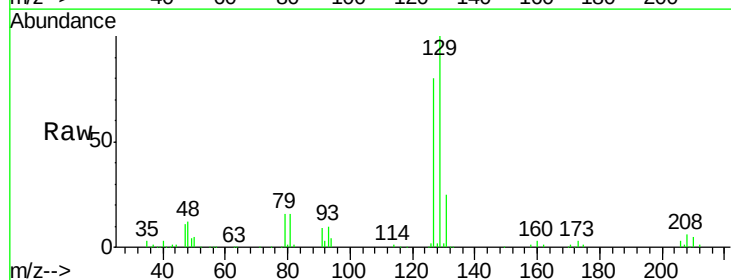
Manual Integrations
APPROVED

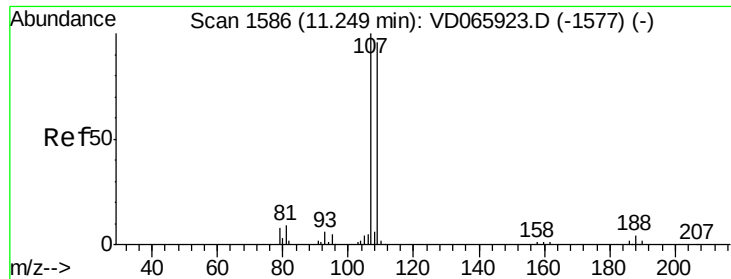
MMDadoda
7/8/2020 12:05:25 PM



#60
Dibromochloromethane
Concen: 47.436 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion:129 Resp: 208601
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





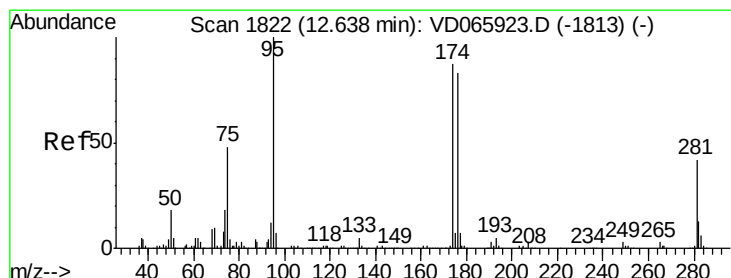
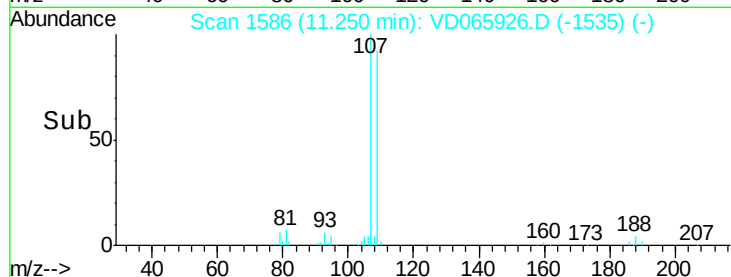
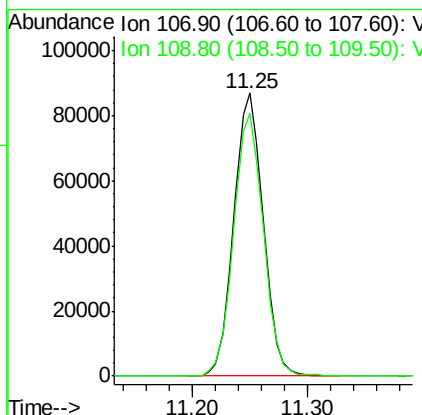
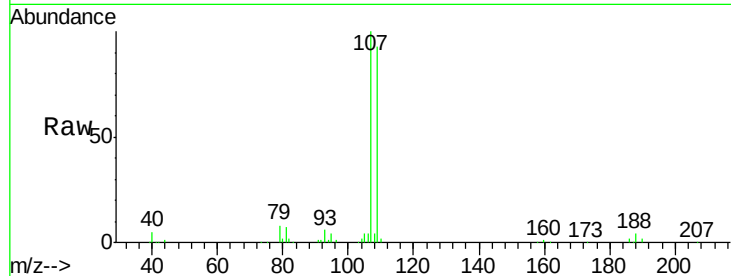
#61
 1,2-Dibromoethane
 Concen: 47.863 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.4	113.0

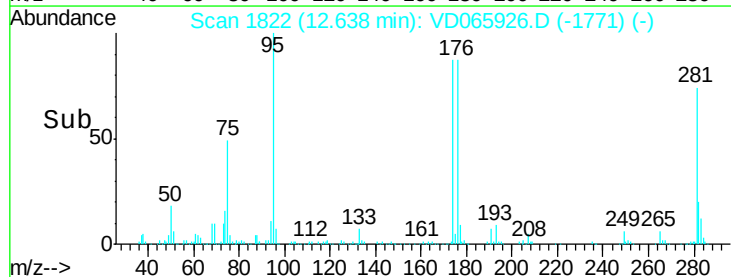
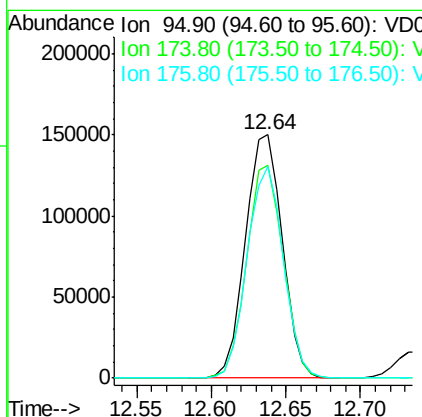
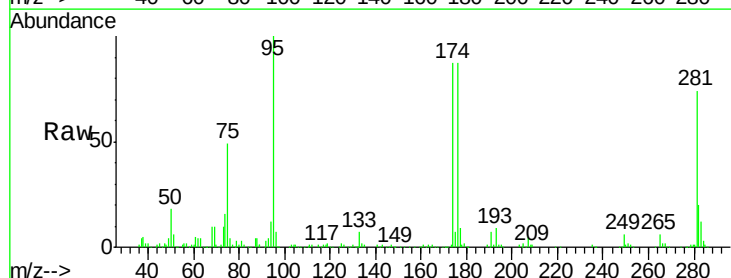
Manual Integrations
 APPROVED

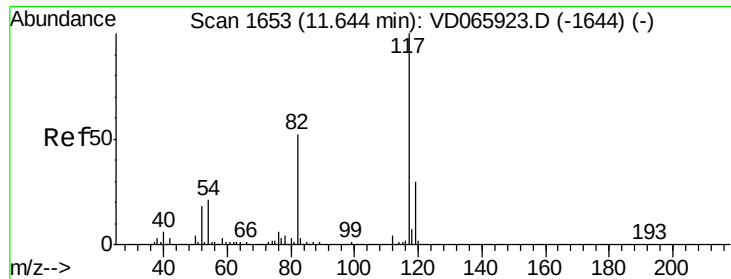
MMDadoda
 7/8/2020 12:05:25 PM



#62
 4-Bromofluorobenzene
 Concen: 50.107 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	169.4
176	85.1	0.0	164.0





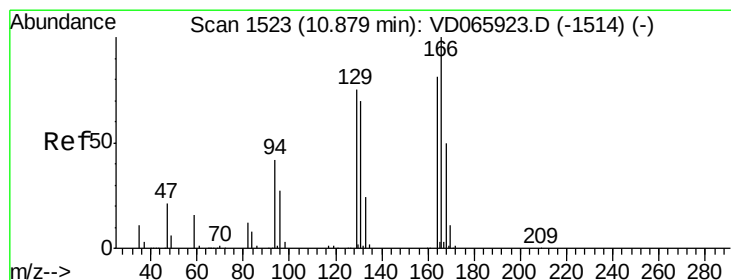
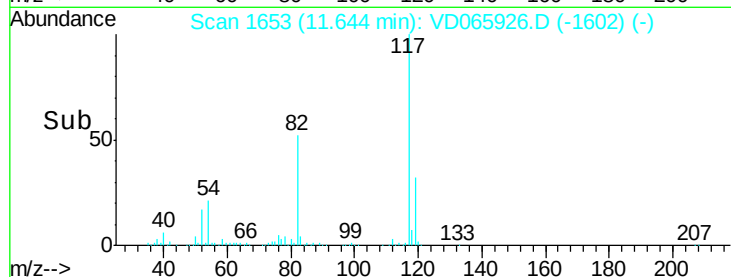
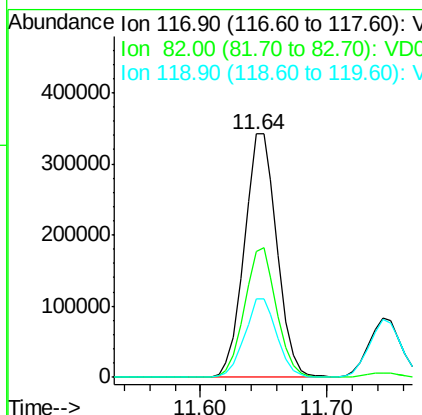
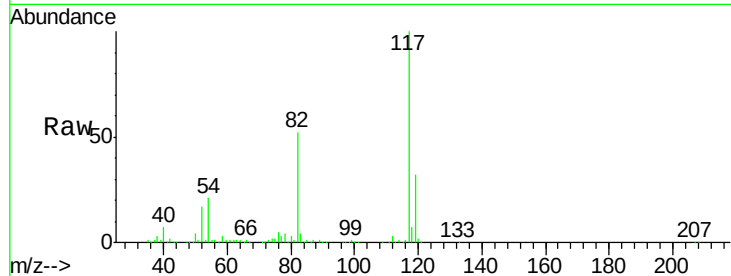
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.8	62.8
119	32.3	24.3	36.5

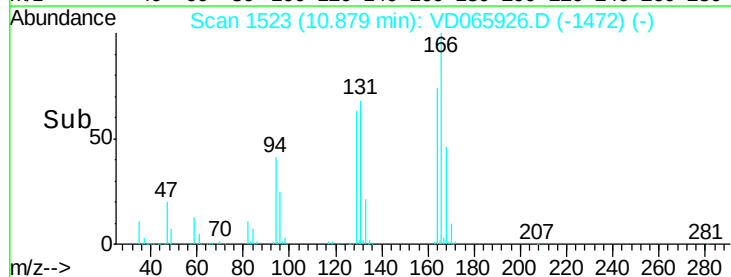
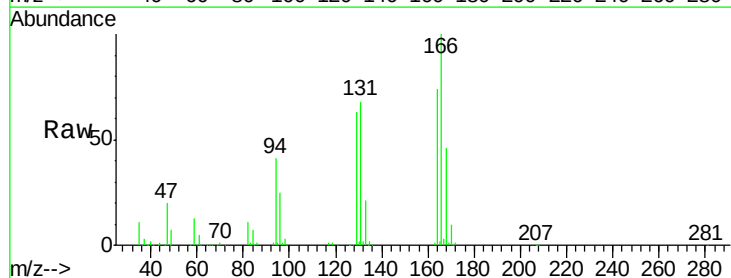
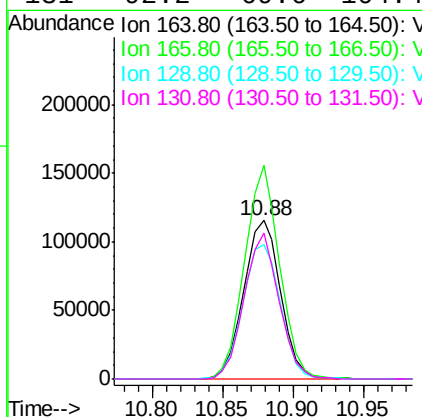
Manual Integrations
APPROVED

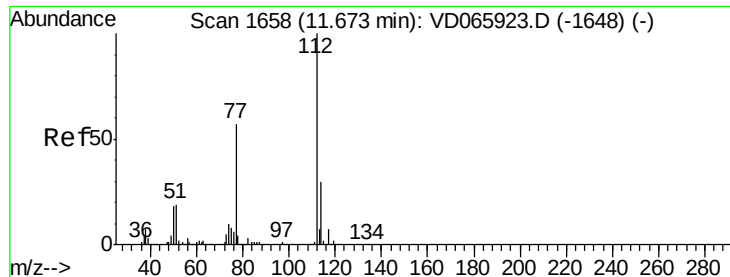
MMDadoda
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#64
Tetrachloroethene
Concen: 47.840 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.7	99.0	148.4
129	84.7	73.9	110.9
131	92.2	69.6	104.4





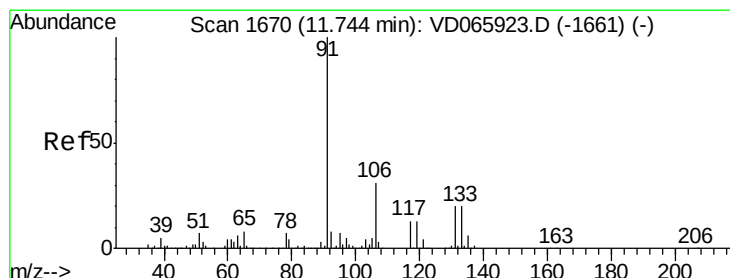
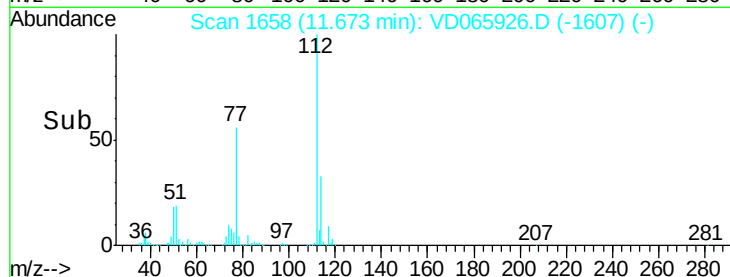
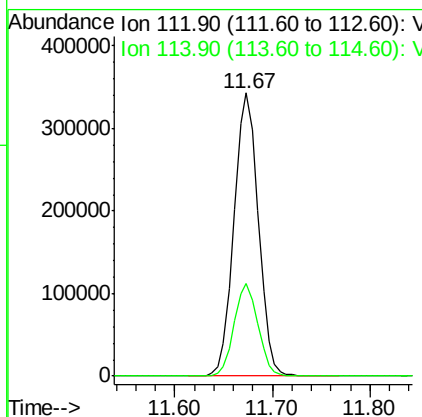
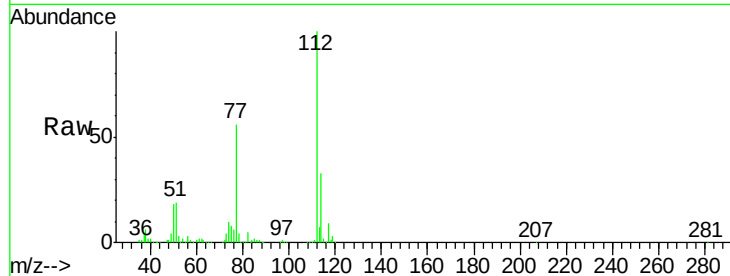
#65
Chlorobenzene
Concen: 48.409 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	24.2	36.4

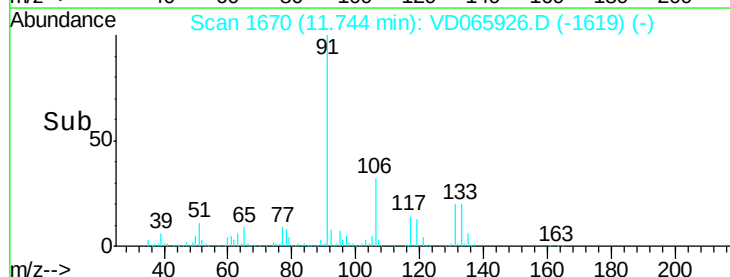
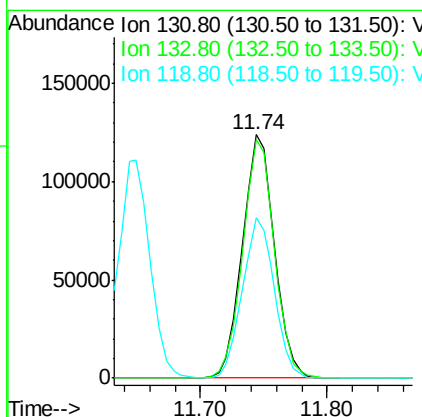
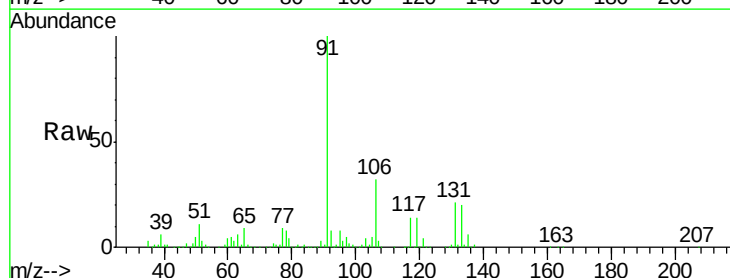
Manual Integrations
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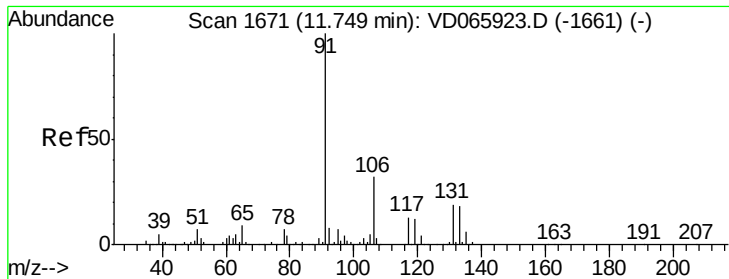
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.275 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.3	47.9	143.6
119	65.8	31.9	95.9





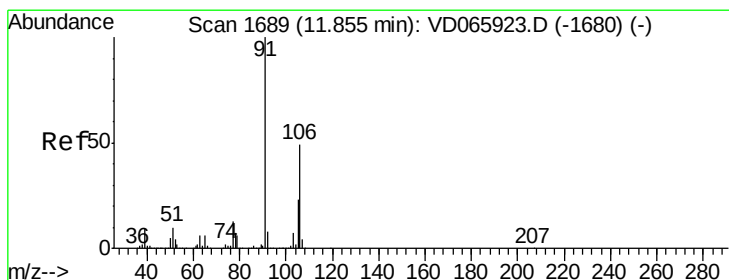
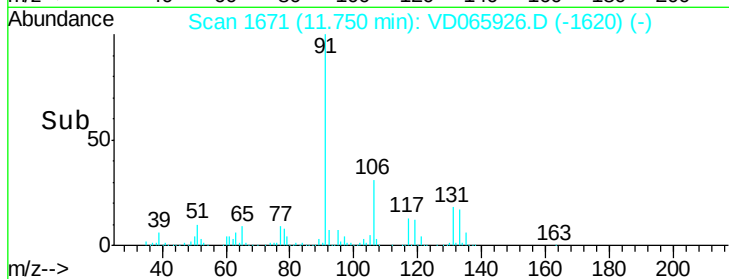
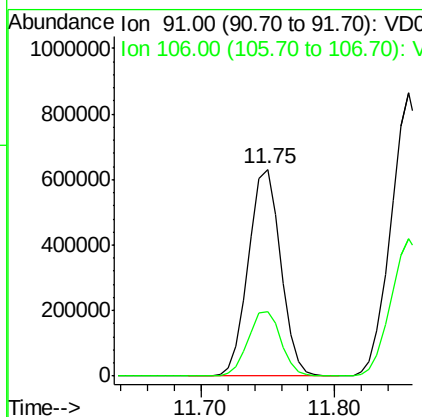
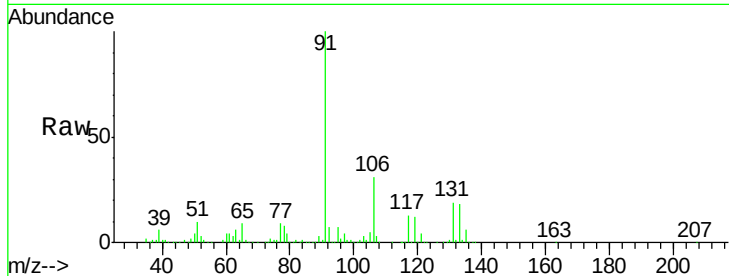
#67
Ethyl Benzene
Concen: 48.410 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion: 91 Resp: 1055224
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

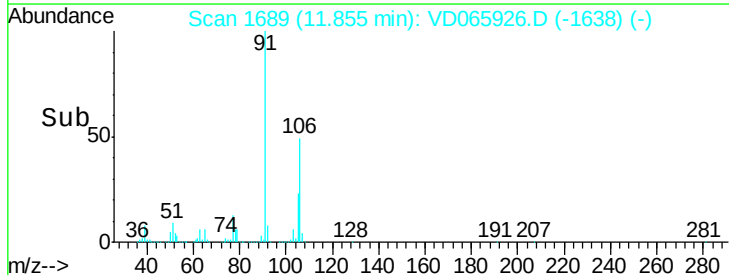
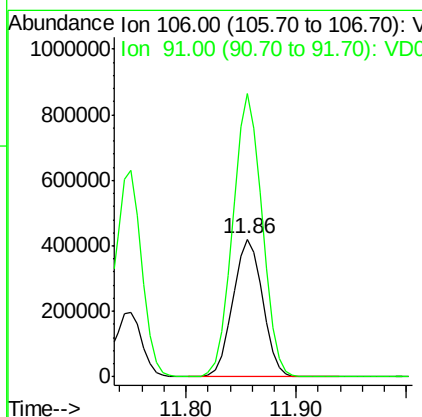
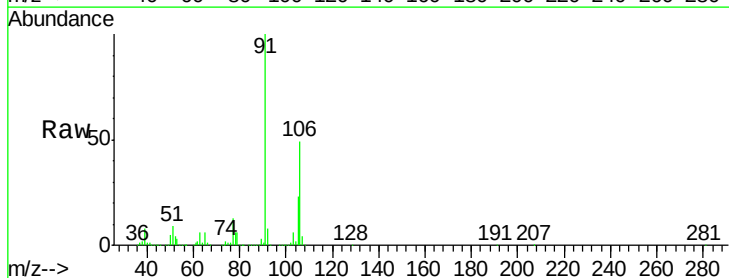
Manual Integrations
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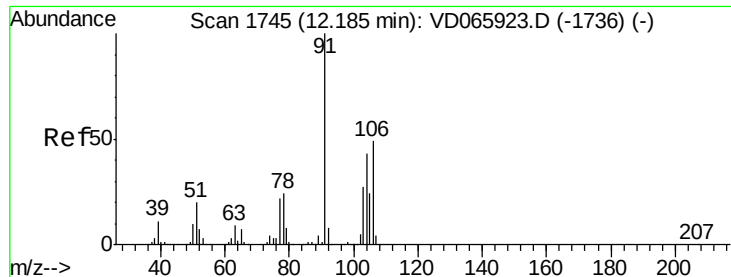
MMDadoda
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#68
m/p-Xylenes
Concen: 96.303 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 106 Resp: 797535
Ion Ratio Lower Upper
106 100
91 201.6 158.2 237.2





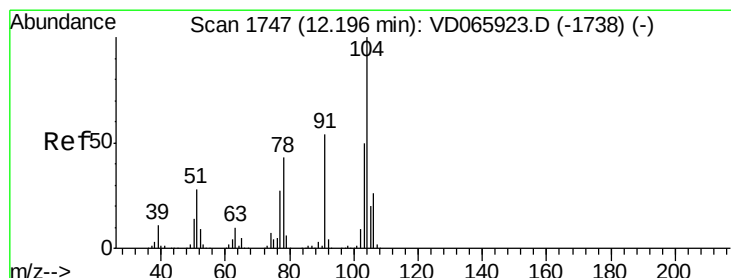
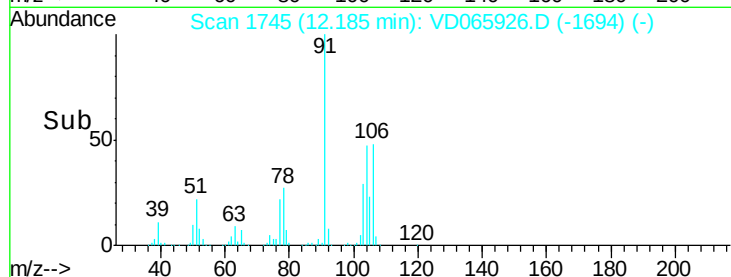
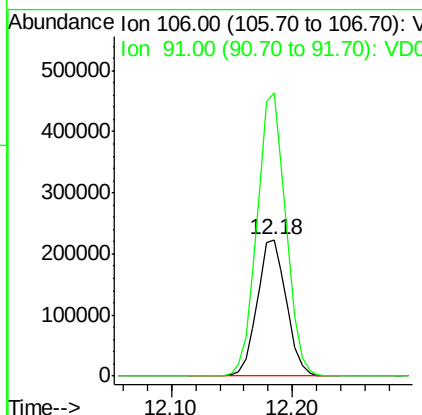
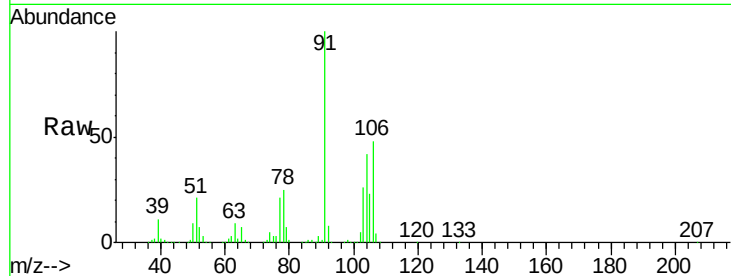
#69
o-Xylene
Concen: 49.612 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		374277		
91	206.8	104.1	312.2		

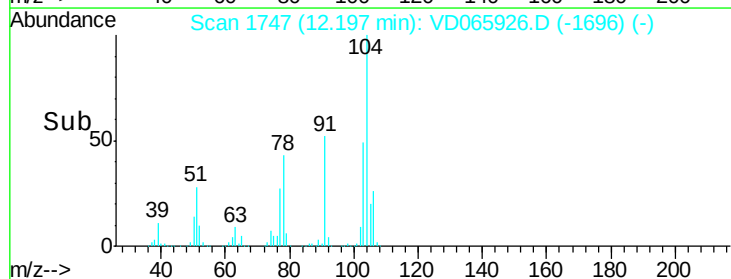
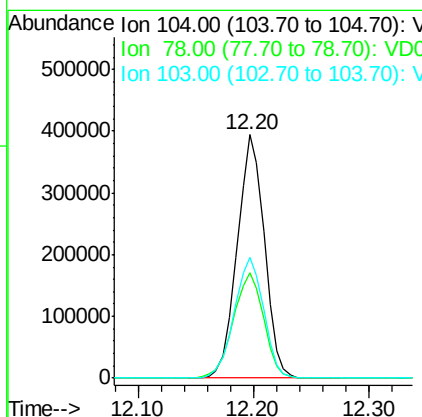
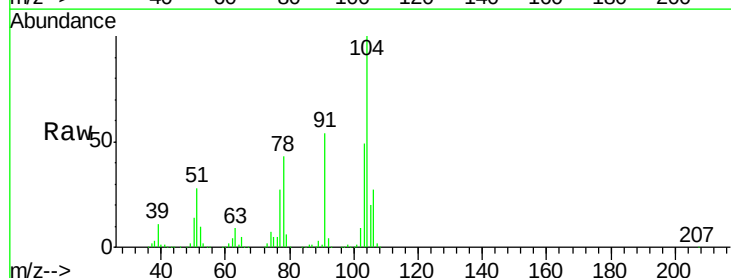
Manual Integrations
APPROVED

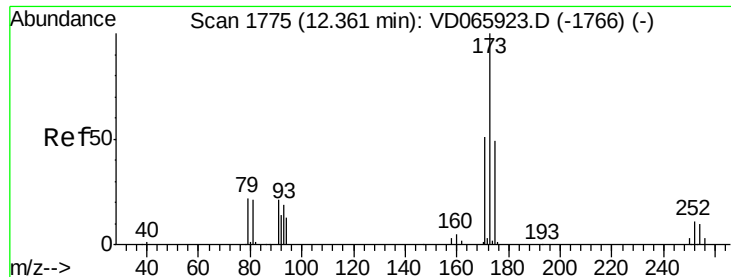
MMDadoda
7/8/2020 12:05:25 PM



#70
Styrene
Concen: 49.417 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		643557		
78	48.0	38.8	58.2		
103	53.7	43.6	65.4		





#71

Bromoform

Concen: 47.790 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

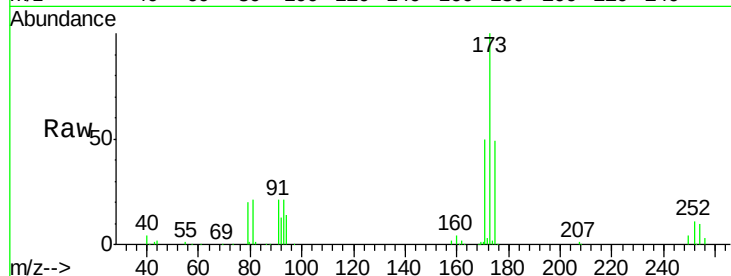
ClientSampleId :

ICVVD070720

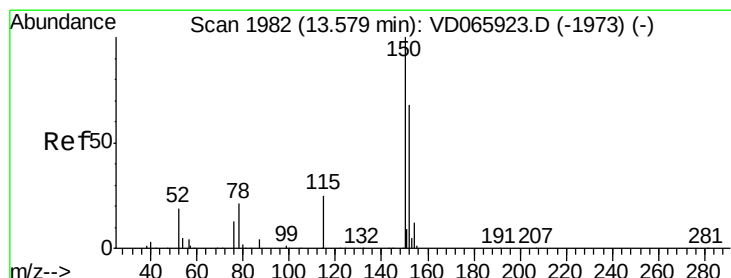
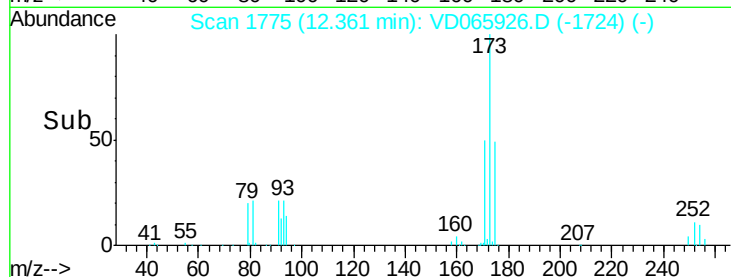
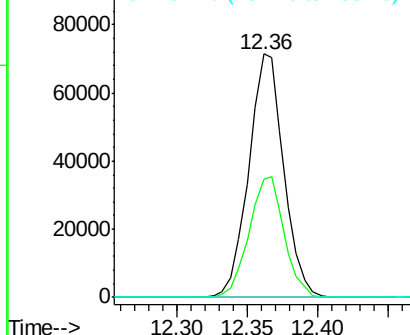
Tot Ion:	173	Resp:	124101
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.2	72.6
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

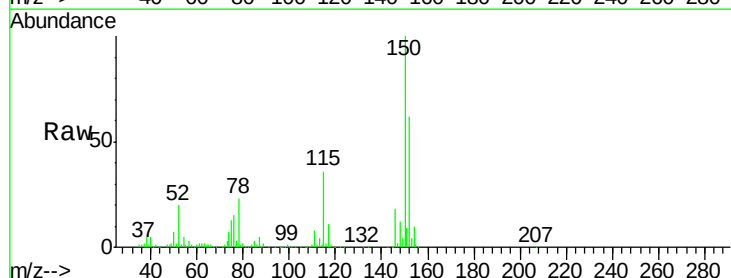
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

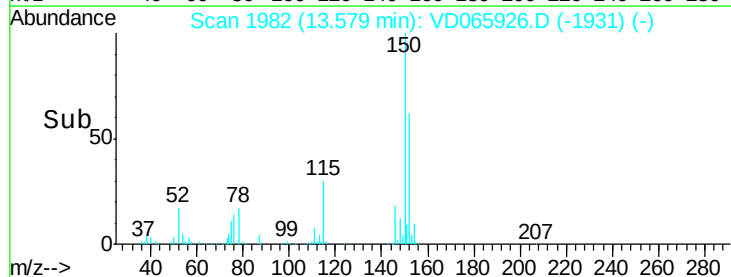
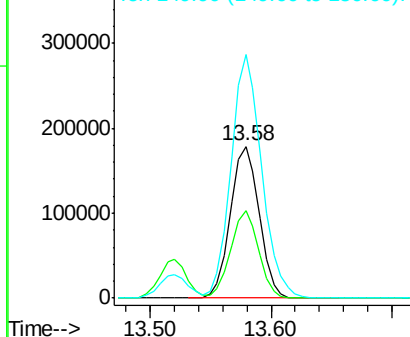
Lab File: VD065926.D

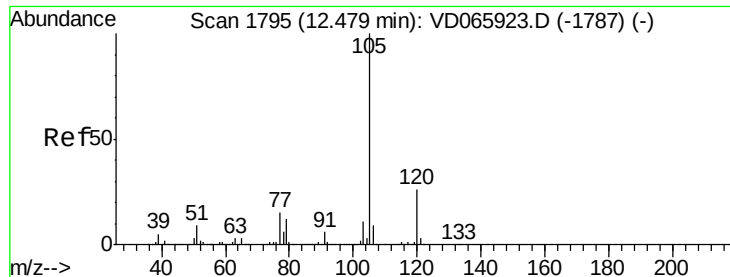
Acq: 07 Jul 2020 17:17

Tgt Ion:	152	Resp:	296289
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.8	83.3
150	170.9	0.0	347.2



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





#73

Isopropylbenzene

Concen: 49.653 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion:105 Resp: 1026731

Ion Ratio Lower Upper

105 100

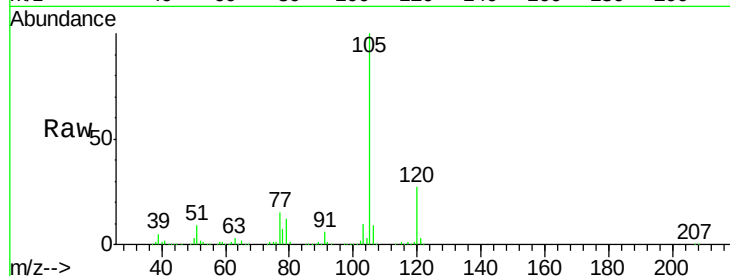
120 27.1 13.3 39.8

Manual Integrations

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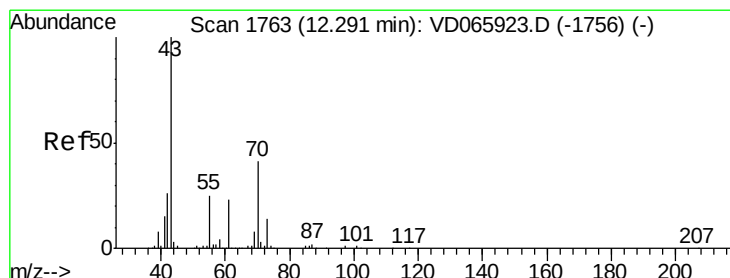
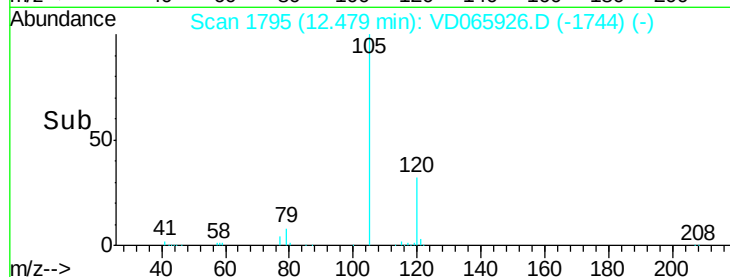
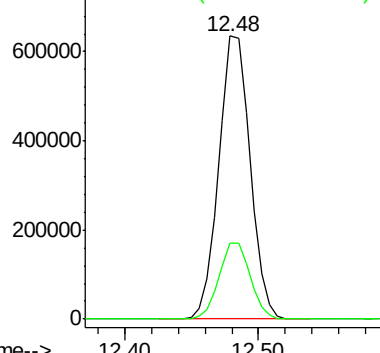
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.404 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion: 43 Resp: 229239

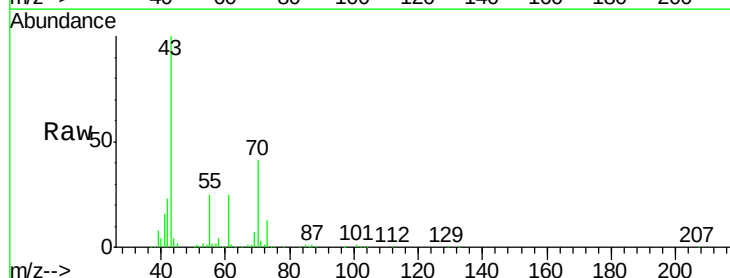
Ion Ratio Lower Upper

43 100

70 41.9 33.6 50.4

55 24.9 20.1 30.1

61 23.8 18.9 28.3

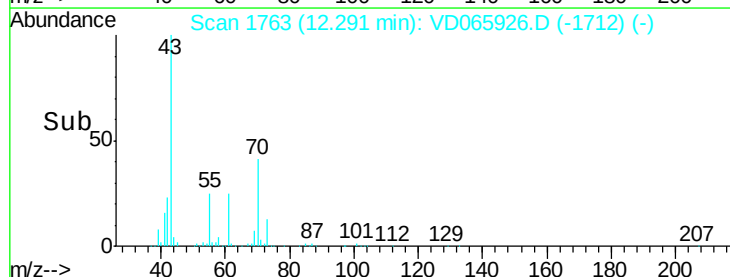
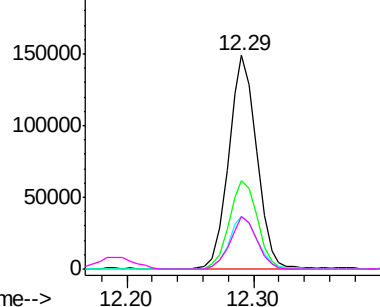


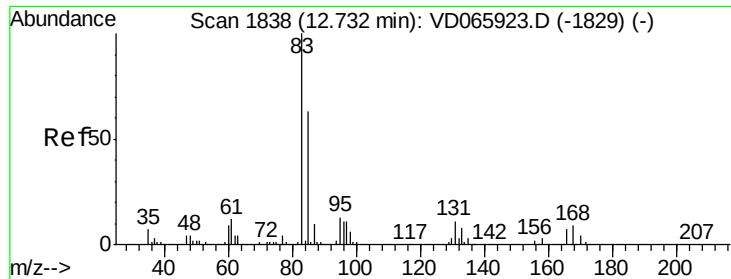
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.163 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

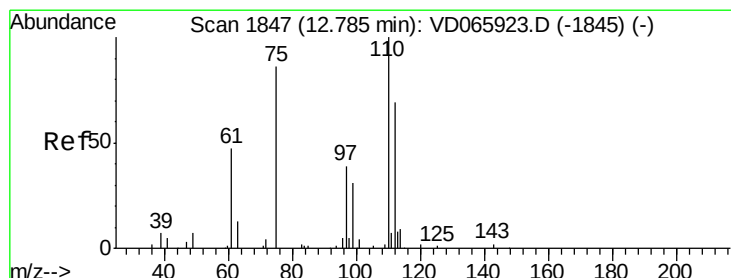
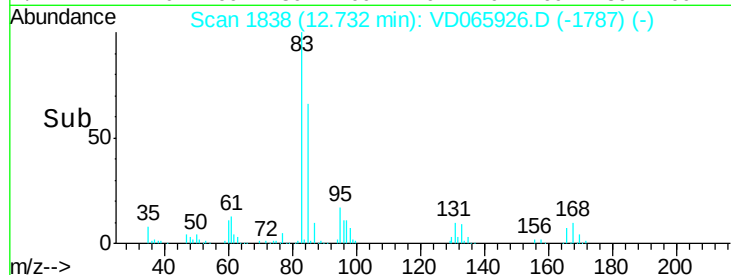
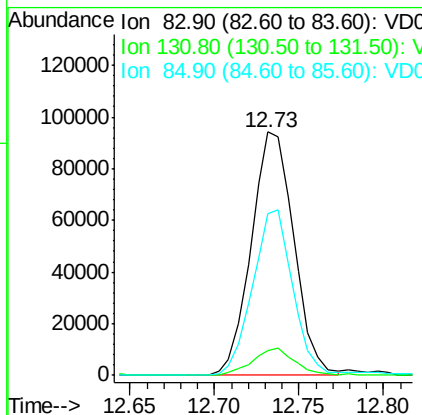
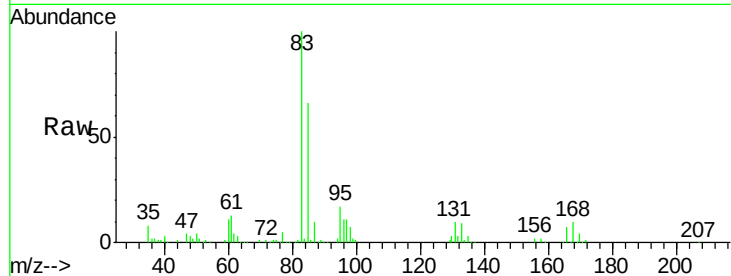
ClientSampleId :

ICVVD070720

Tot Ion:	83	Resp:	165343
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.6	16.8
85	63.8	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 45.628 ug/l m

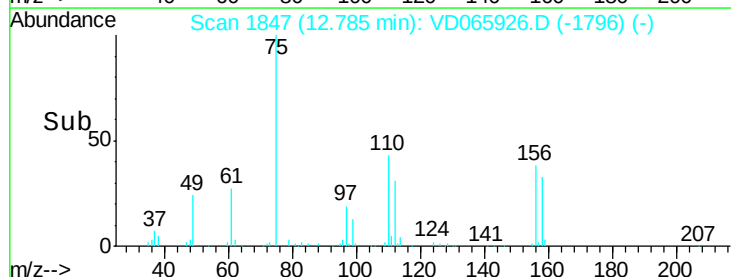
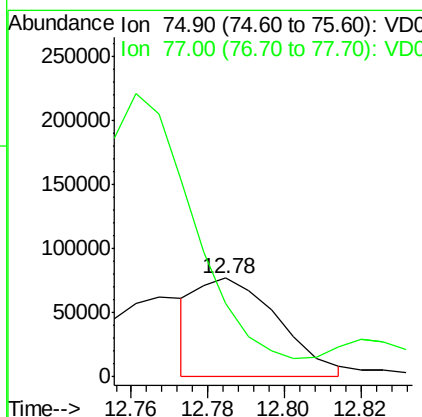
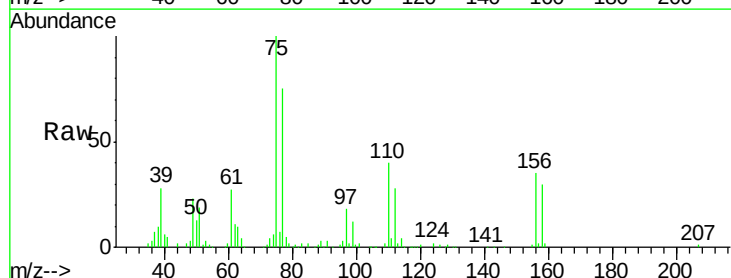
RT: 12.78 min Scan# 1847

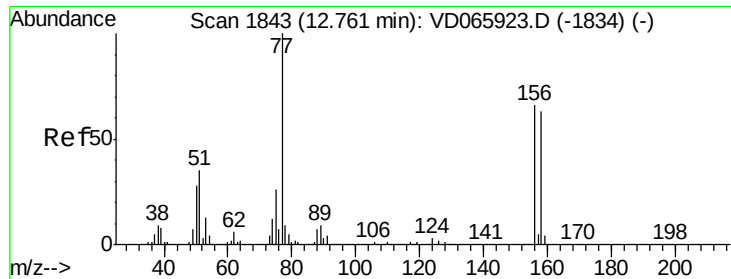
Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion:	75	Resp:	113408
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.512 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

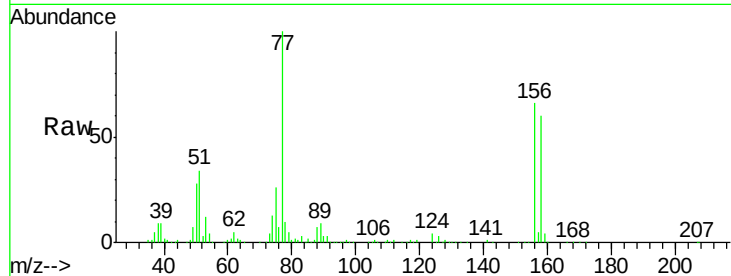
ClientSampleId :

ICVVD070720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		248322		
77	166.6	85.0	255.0		
158	95.4	49.0	147.0		

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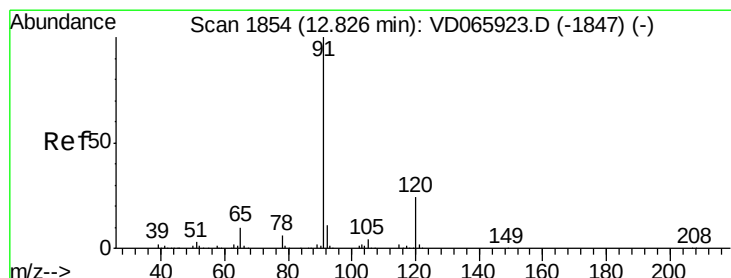
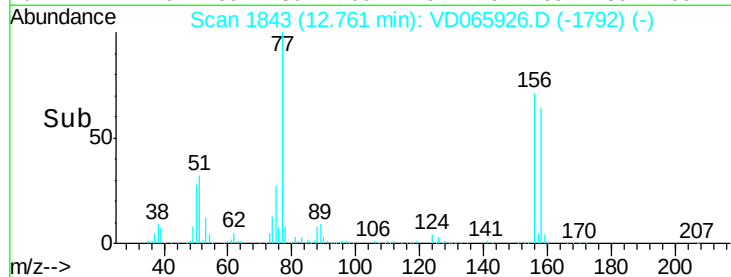
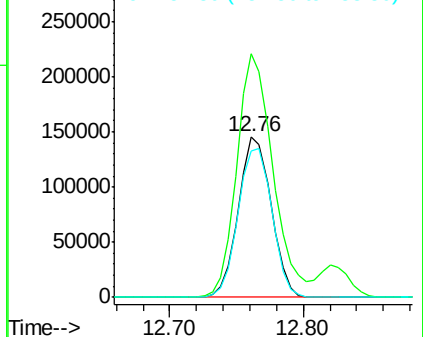
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.080 ug/l

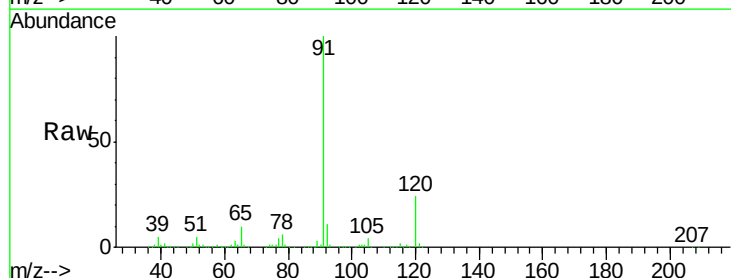
RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065926.D

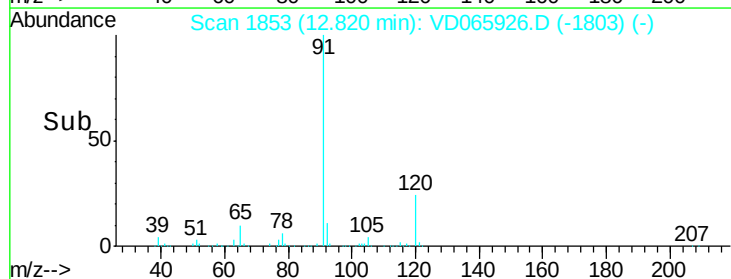
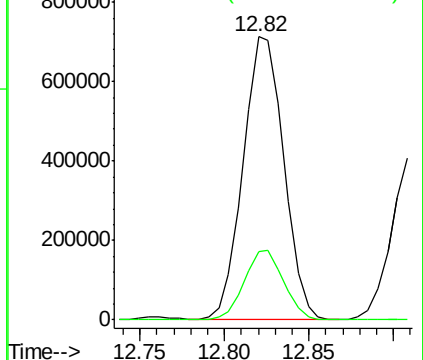
Acq: 07 Jul 2020 17:17

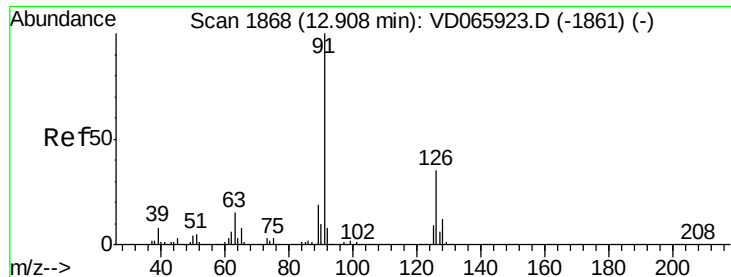
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1189845		
120	23.9	11.8	35.4		



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.855 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion: 91 Resp: 671915

Ion Ratio Lower Upper

91 100

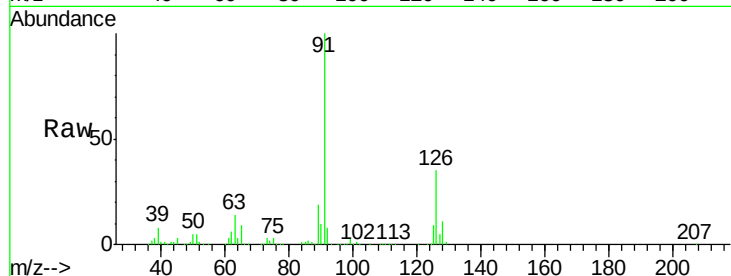
126 34.7 17.6 52.8

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Abundance Ion 91.00 (90.70 to 91.70): VD065923.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD065923.D (-1861) (-)

800000

600000

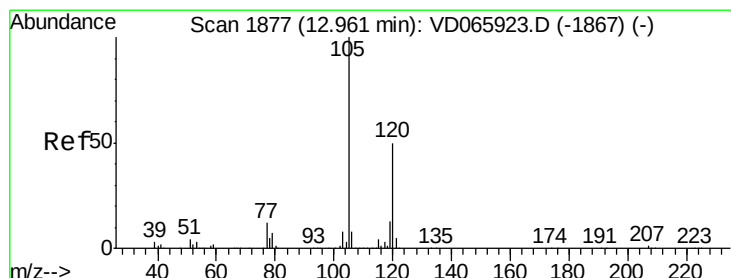
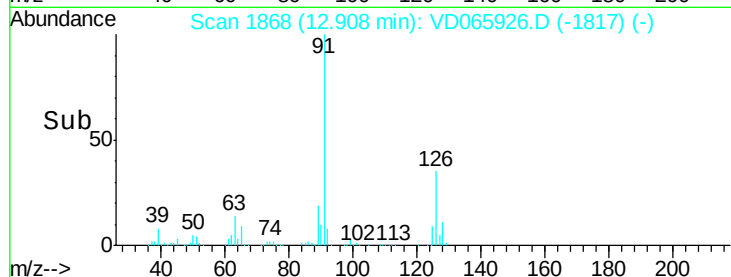
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.929 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065926.D

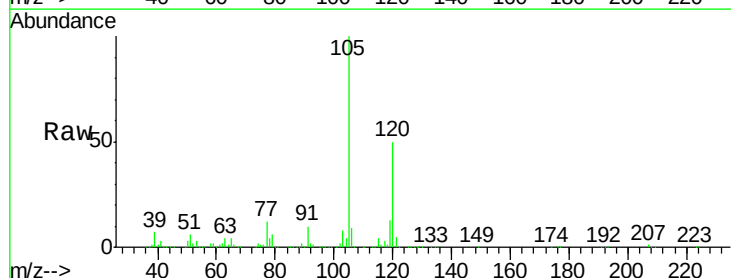
Acq: 07 Jul 2020 17:17

Tgt Ion: 105 Resp: 844473

Ion Ratio Lower Upper

105 100

120 49.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VD065923.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD065923.D (-1867) (-)

600000

500000

400000

300000

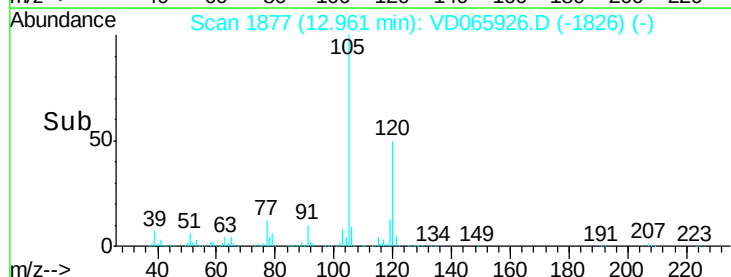
200000

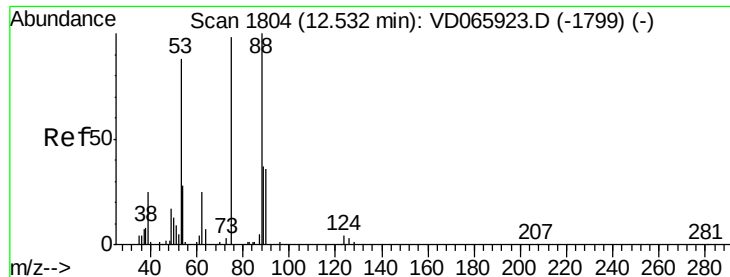
100000

0

12.90 12.96 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.442 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

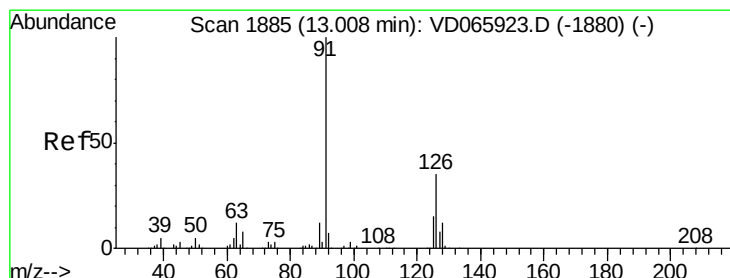
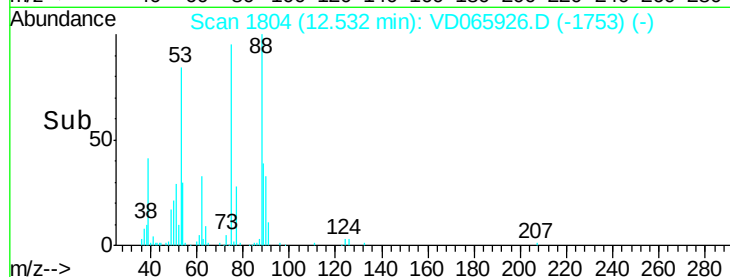
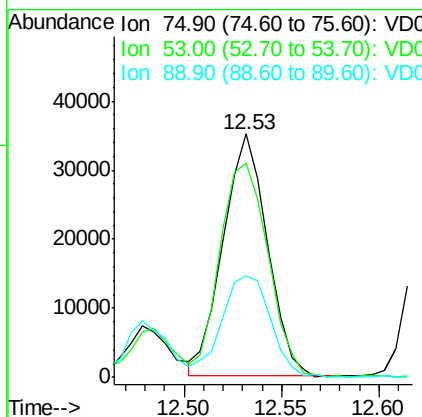
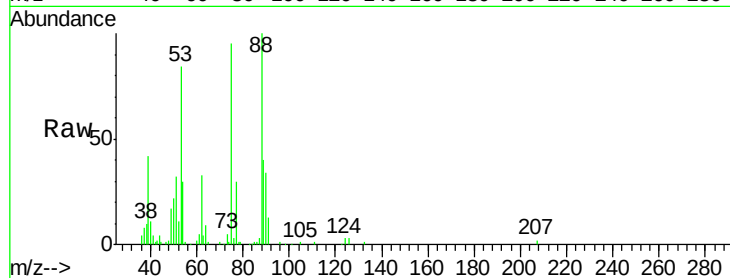
ClientSampleId :

ICVVD070720

Tot Ion:	75	Resp:	54877
Ion	Ratio	Lower	Upper
75	100		
53	97.4	75.8	113.8
89	46.6	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.315 ug/l

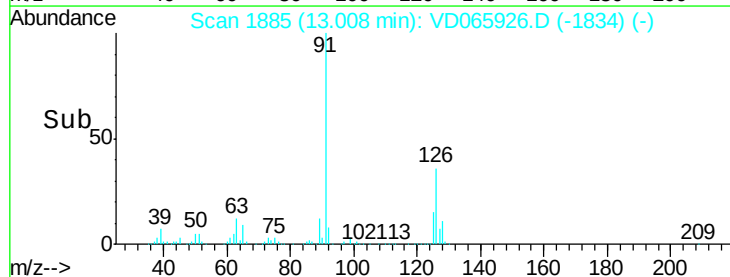
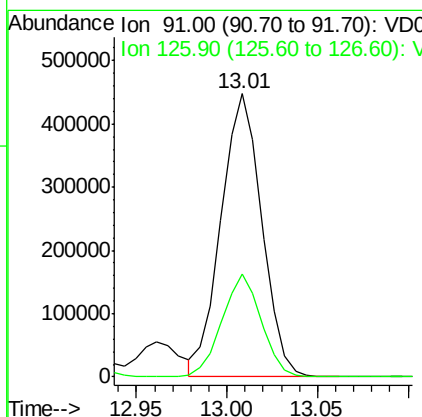
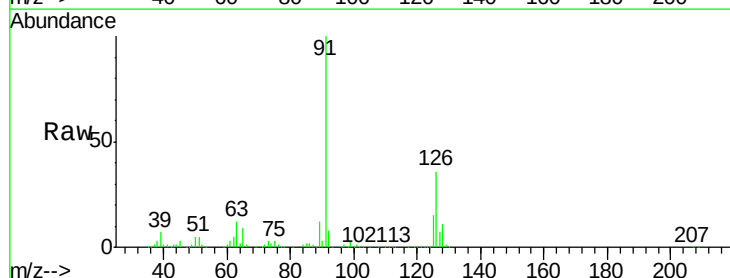
RT: 13.01 min Scan# 1885

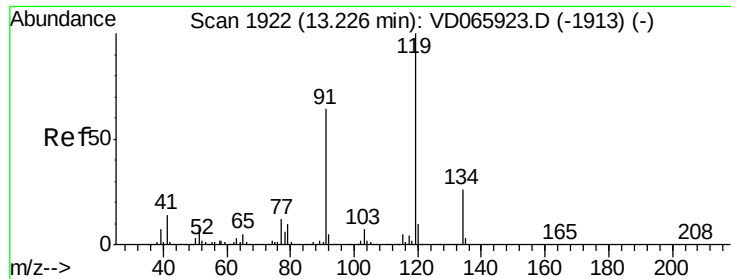
Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion:	91	Resp:	697171
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.7





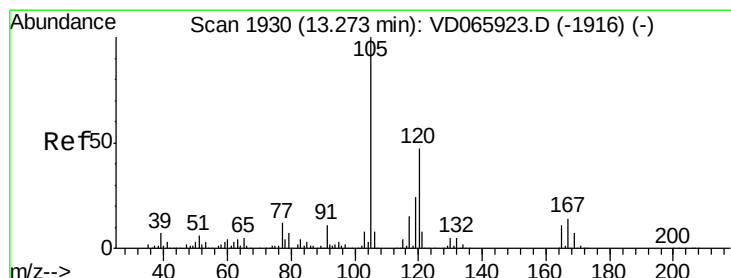
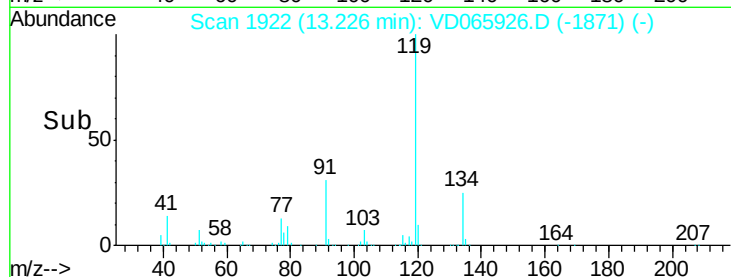
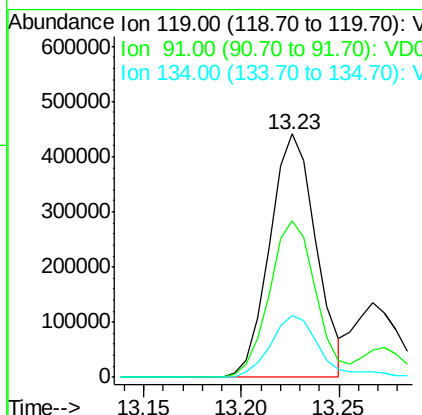
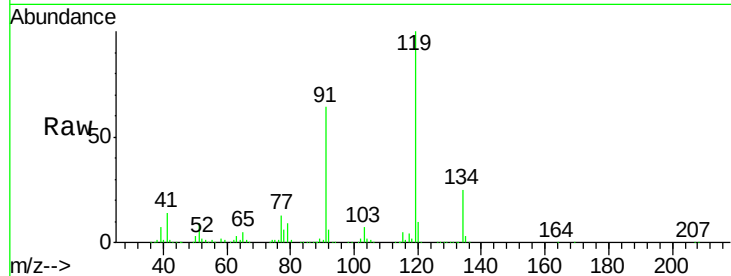
#83
 tert-Butylbenzene
 Concen: 50.285 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.4	97.2
134	27.2	14.1	42.4

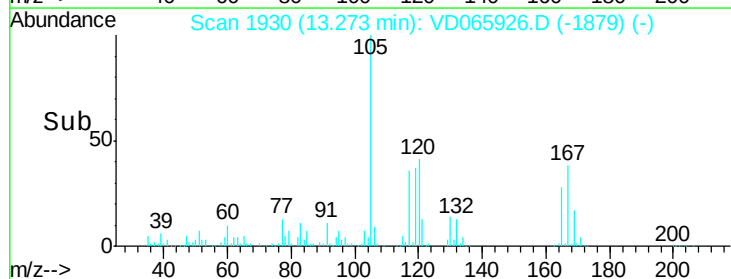
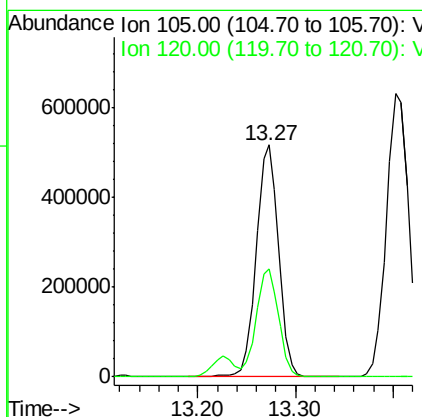
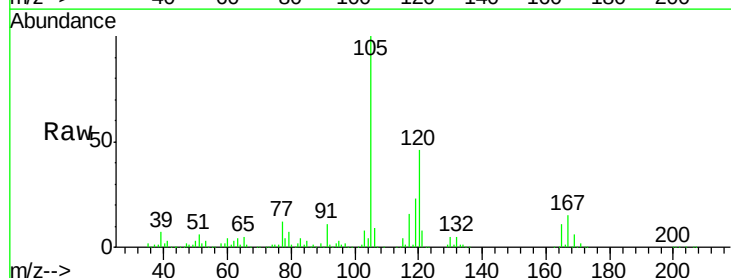
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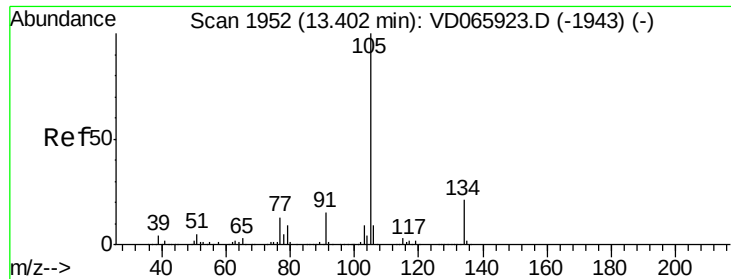
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.433 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.5





#85

sec-Butylbenzene

Concen: 49.613 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

ICVVD070720

Tot Ion:105 Resp: 1013153

Ion Ratio Lower Upper

105 100

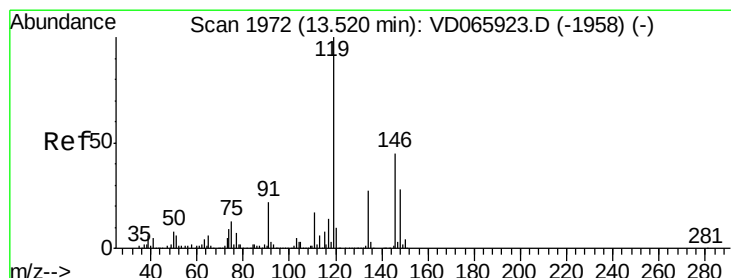
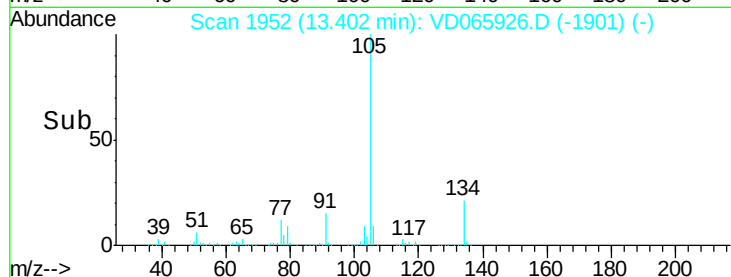
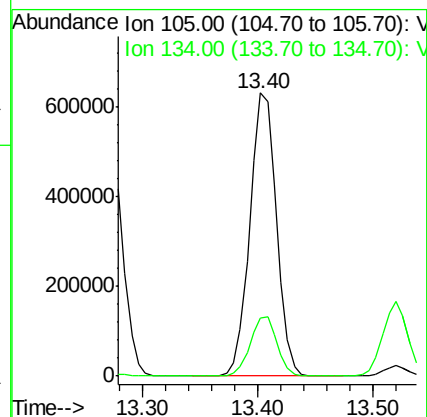
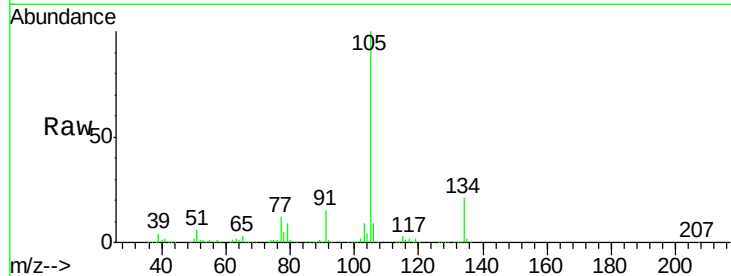
134 21.1 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.175 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

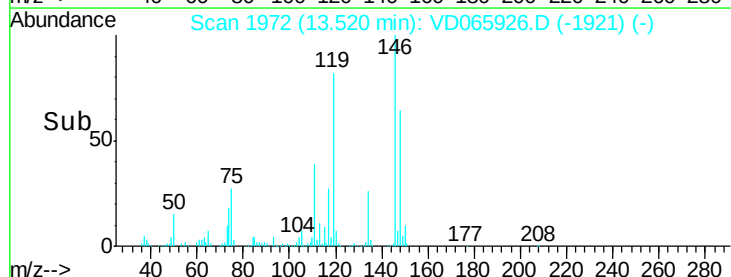
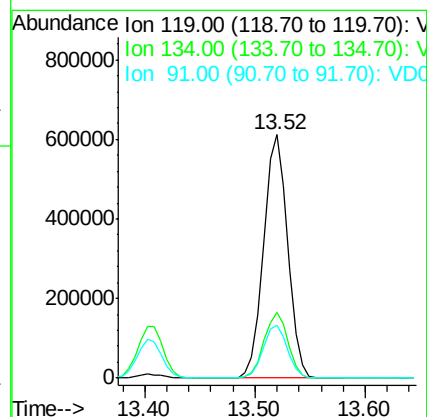
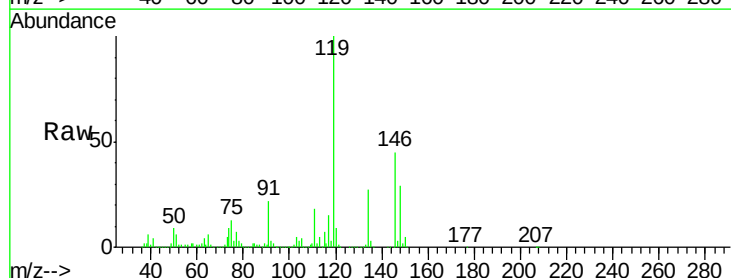
Tgt Ion:119 Resp: 937178

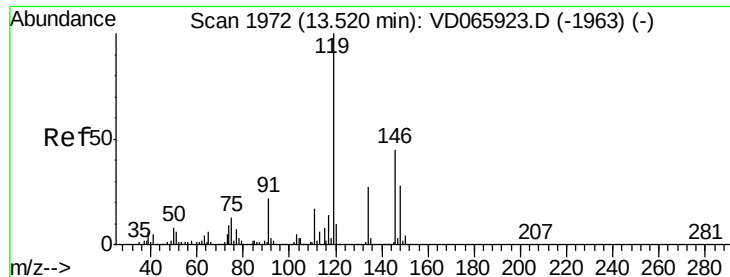
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 21.8 11.3 33.8





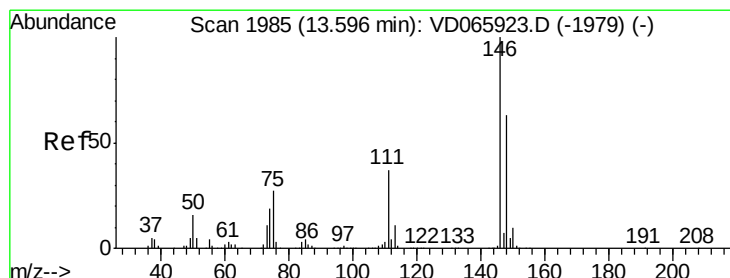
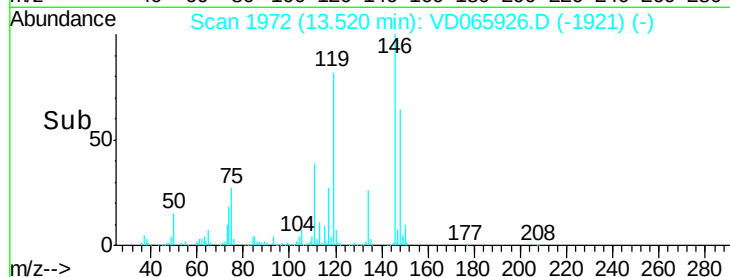
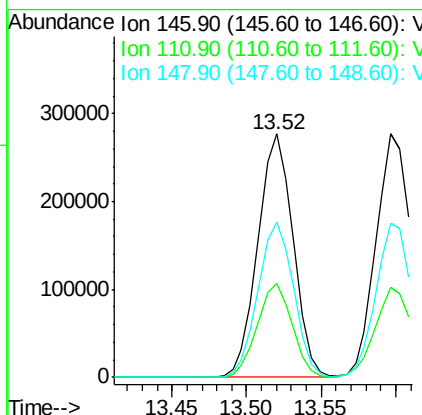
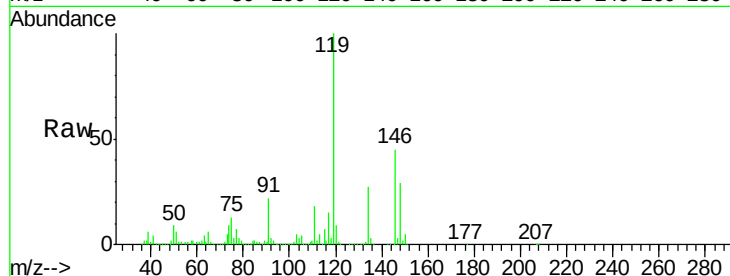
#87
 1,3-Dichlorobenzene
 Concen: 48.338 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	64.3	32.0	96.0

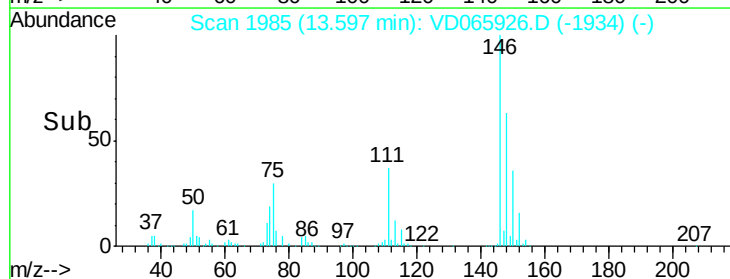
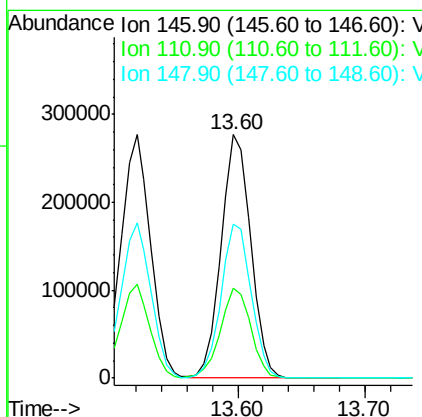
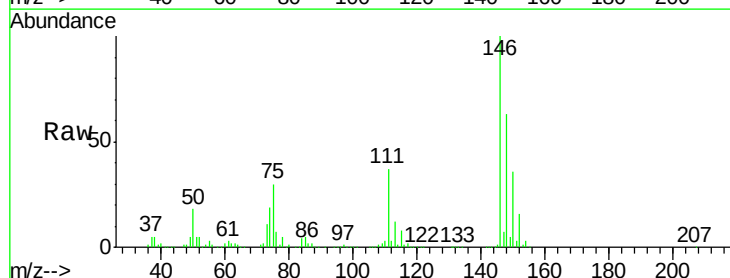
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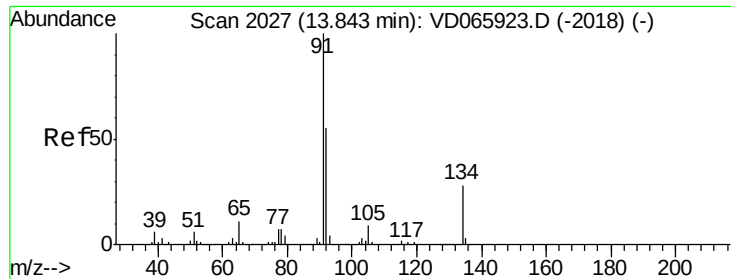
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#88
 1,4-Dichlorobenzene
 Concen: 48.003 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.2	32.1	96.3





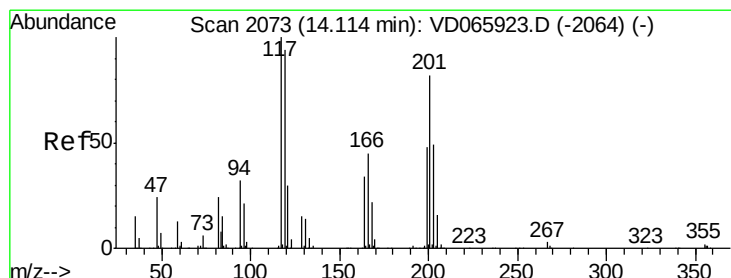
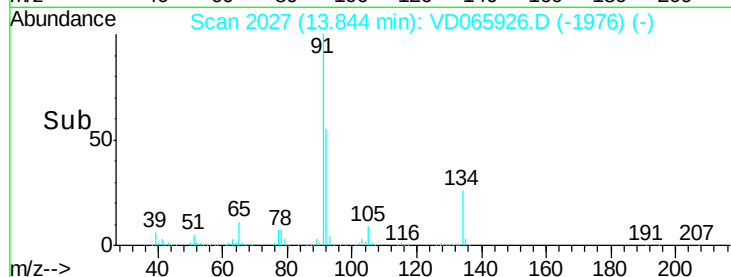
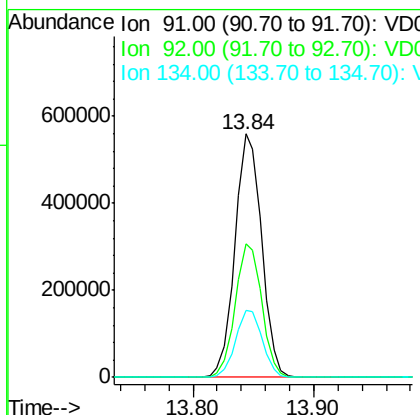
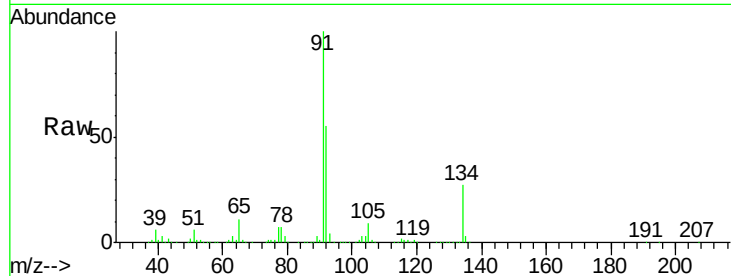
#89
n-Butylbenzene
Concen: 49.021 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
ICVVD070720

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.8	27.2	81.6	
134	27.6	13.8	41.3	

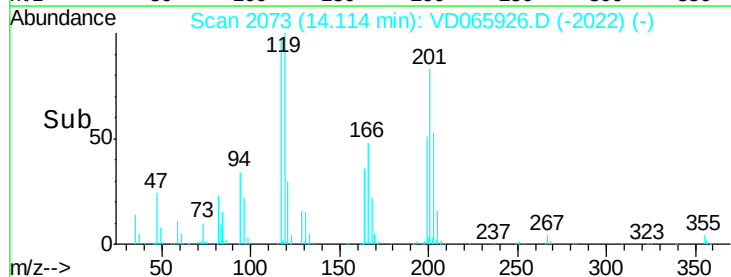
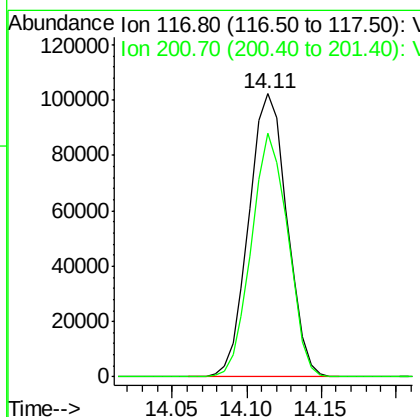
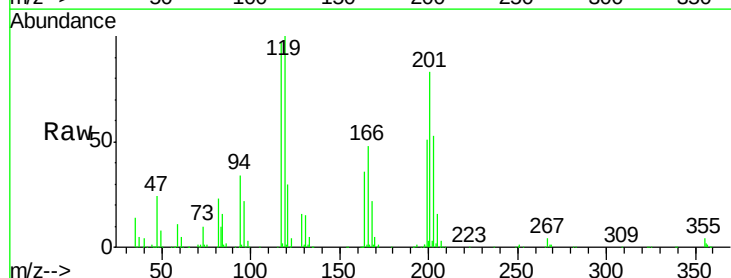
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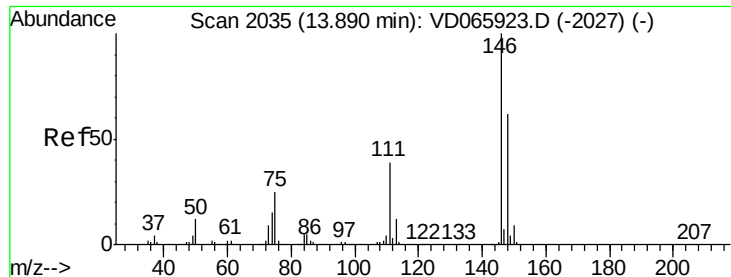
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#90
Hexachloroethane
Concen: 48.114 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	82.2	40.0	120.0	





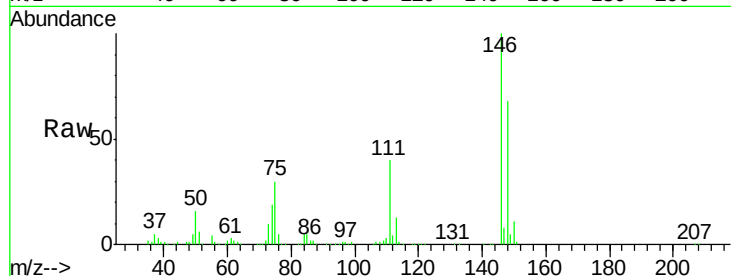
#91
 1,2-Dichlorobenzene
 Concen: 47.470 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

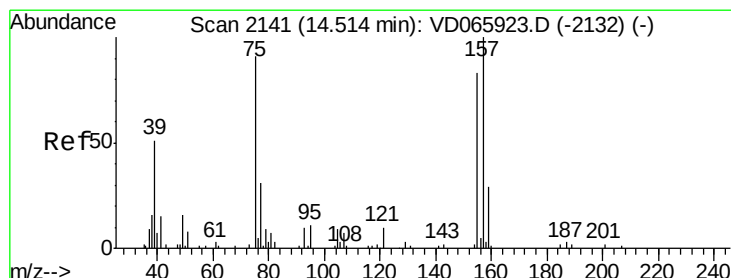
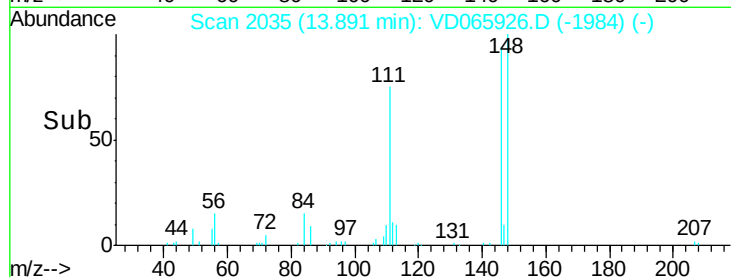
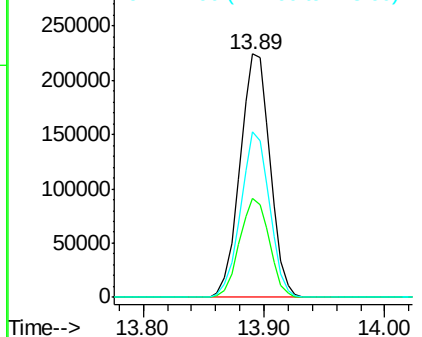
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.0
148	65.4	32.5	97.5

Manual Integrations
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 7/8/2020 12:05:25 PM

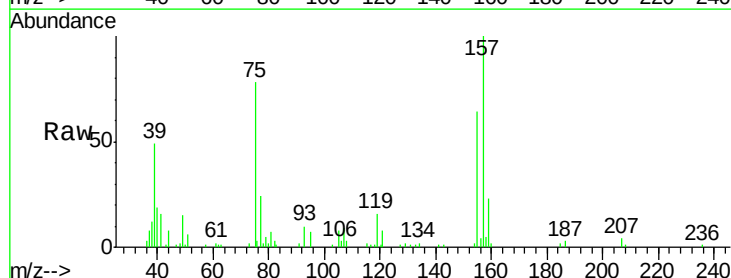


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

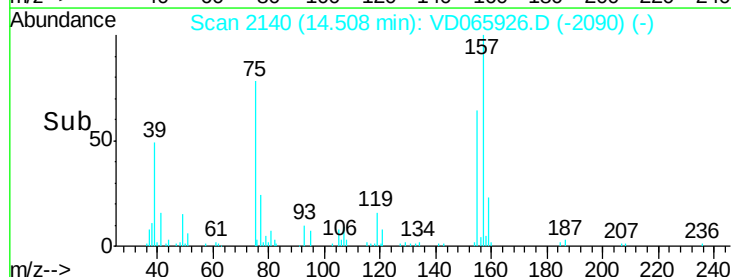
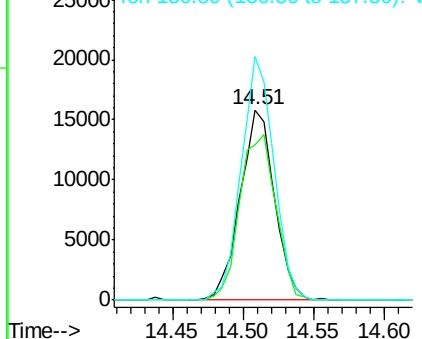


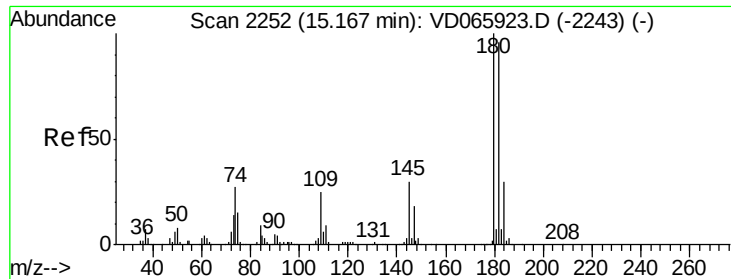
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.070 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	45.3	135.8
157	121.6	56.9	170.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





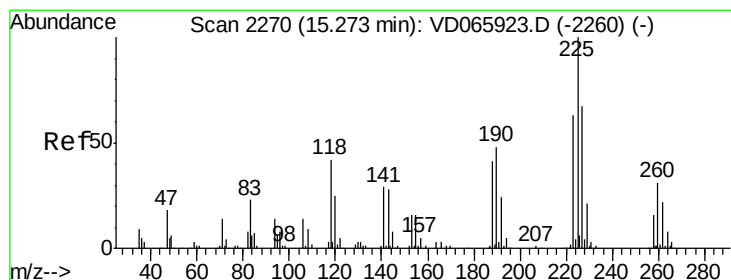
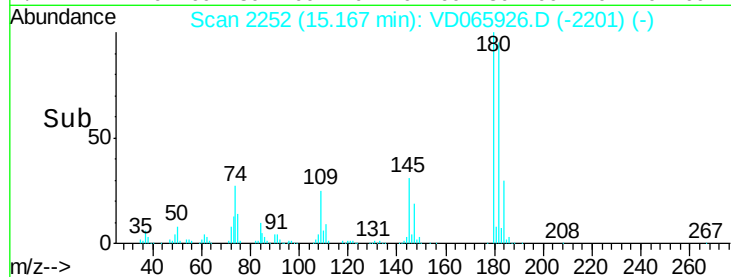
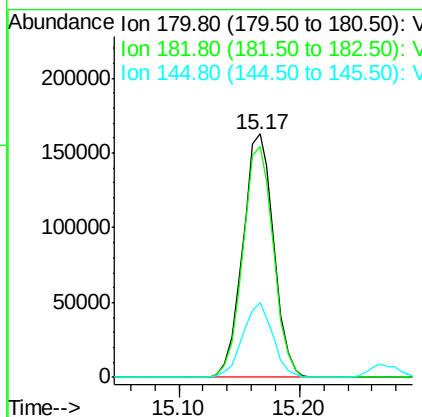
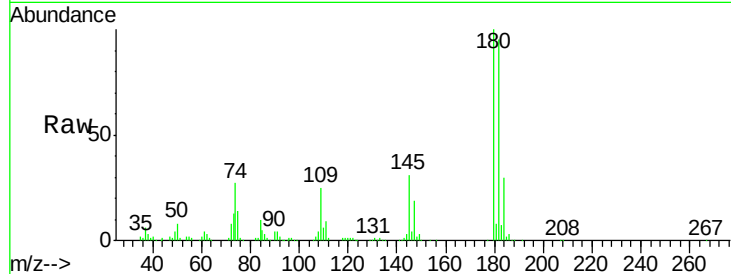
#93
 1,2,4-Trichlorobenzene
 Concen: 49.357 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070720

Tot Ion	Ratio	Resp	Lower	Upper
180	100	288537		
182	94.4	48.5	145.6	
145	30.0	15.0	45.1	

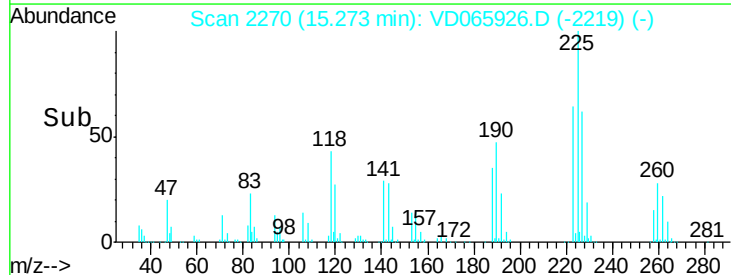
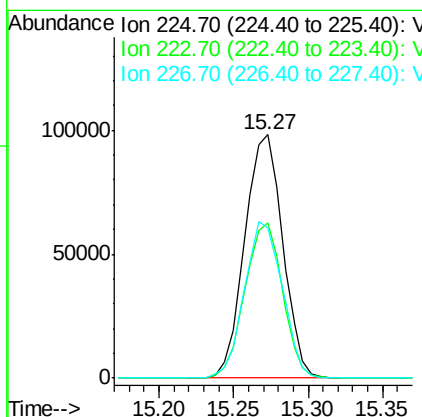
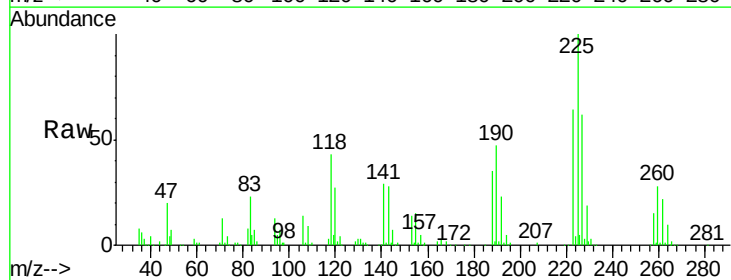
Manual Integrations
 APPROVED

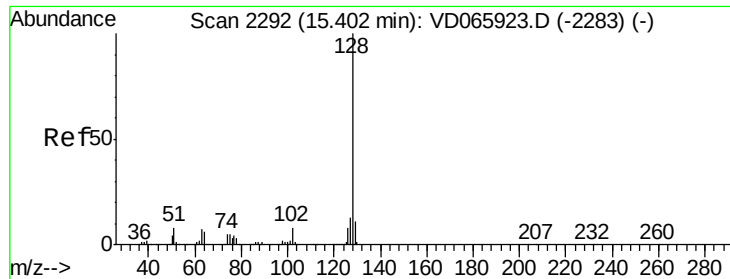
MMDadoda
 7/8/2020 12:05:25 PM



#94
 Hexachlorobutadiene
 Concen: 48.876 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172836		
223	63.2	31.1	93.2	
227	64.3	31.6	95.0	





#95

Naphthalene

Concen: 50.960 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

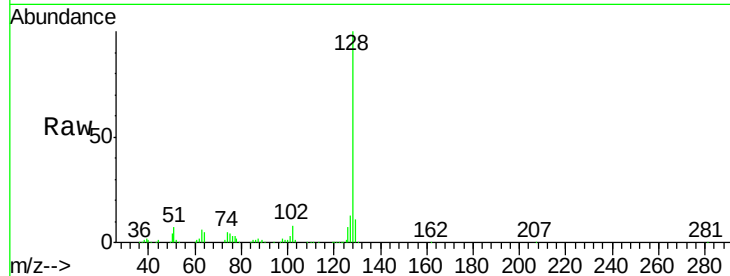
ClientSampleId :

ICVVD070720

Tot Ion:	128	Resp:	499641
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.8	16.2
129	11.0	8.9	13.3

Manual Integrations
APPROVED

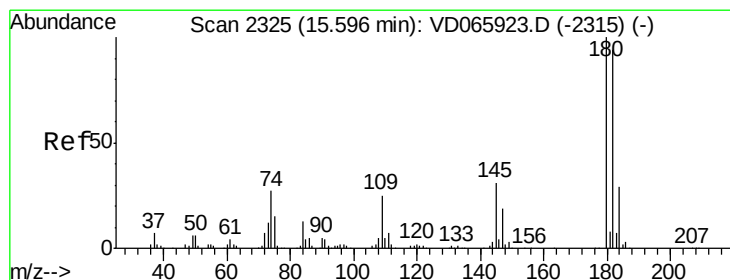
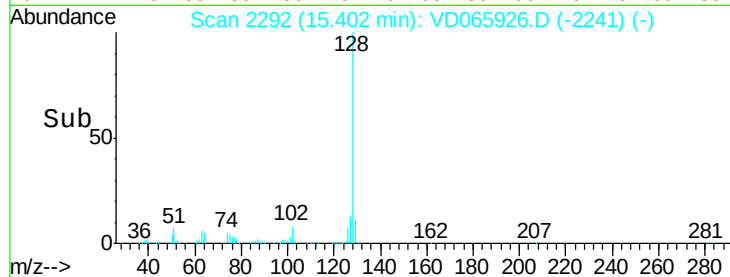
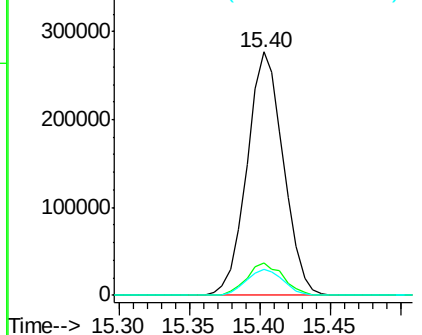
MMDadoda
7/8/2020 12:05:25 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.718 ug/l

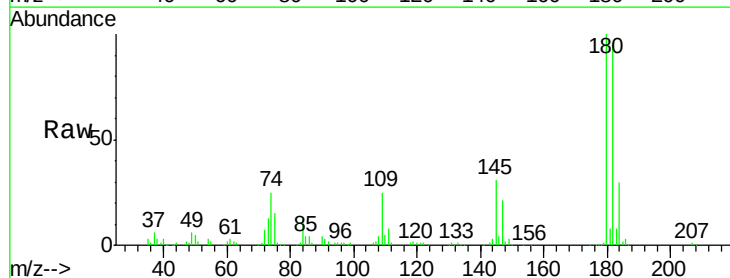
RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion:	180	Resp:	250704
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.6	142.8
145	31.9	16.1	48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

