

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065991.D
 Acq On : 21 Jul 2020 20:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:44:36 PM

Quant Time: Jul 22 02:22:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	347858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	522365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	494050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	161152	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	
35) Dibromofluoromethane	7.92	113	164569	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.34	98	622192	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.64	95	220191	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	119057	45.099	ug/l	96
3) Chloromethane	2.21	50	109581	50.865	ug/l	99
4) Vinyl Chloride	2.35	62	105612	51.479	ug/l	96
5) Bromomethane	2.77	94	77986	54.503	ug/l	96
6) Chloroethane	2.92	64	66517	54.314	ug/l	95
7) Trichlorofluoromethane	3.27	101	247805	49.659	ug/l	98
8) Diethyl Ether	3.71	74	80026	58.019	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	150026	49.792	ug/l	100
10) Methyl Iodide	4.30	142	168617	54.447	ug/l	99
11) Tert butyl alcohol	5.22	59	47750	270.354	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	144776	50.337	ug/l	95
13) Acrolein	3.92	56	56585	237.279	ug/l	97
14) Allyl chloride	4.71	41	247795	55.116	ug/l	99
15) Acrylonitrile	5.42	53	175195	297.308	ug/l	99
16) Acetone	4.16	43	166005	289.747	ug/l	95
17) Carbon Disulfide	4.41	76	468312	50.198	ug/l	99
18) Methyl Acetate	4.71	43	75627	56.743	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	356387	60.309	ug/l	98
20) Methylene Chloride	4.96	84	194571	62.138	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	173030	53.230	ug/l	98
22) Diisopropyl ether	6.37	45	503891	58.994	ug/l	99
23) Vinyl Acetate	6.31	43	1482854	307.832	ug/l	98
24) 1,1-Dichloroethane	6.27	63	292867	56.589	ug/l	99
25) 2-Butanone	7.21	43	223357	293.801	ug/l	95
26) 2,2-Dichloropropane	7.21	77	239555	51.474	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	191010	55.499	ug/l	99
28) Bromochloromethane	7.55	49	123631	56.284	ug/l	98
29) Tetrahydrofuran	7.56	42	142238	303.237	ug/l	99
30) Chloroform	7.71	83	300896	55.582	ug/l	96
31) Cyclohexane	7.98	56	246664	48.446	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	264310	52.782	ug/l	100
36) 1,1-Dichloropropene	8.11	75	222879	49.994	ug/l	98
37) Ethyl Acetate	7.29	43	102520	60.215	ug/l	98
38) Carbon Tetrachloride	8.10	117	239435	49.498	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	275089	50.954	ug/l	97
40) Benzene	8.36	78	667057	53.483	ug/l	99
41) Methacrylonitrile	7.53	41	51439m	52.740	ug/l	
42) 1,2-Dichloroethane	8.43	62	192209	56.239	ug/l	100
43) Isopropyl Acetate	8.45	43	195125	58.678	ug/l	98
44) Trichloroethene	9.11	130	196122	51.963	ug/l	94
45) 1,2-Dichloropropane	9.39	63	166842	55.233	ug/l	100
46) Dibromomethane	9.48	93	91326	56.161	ug/l	97
47) Bromodichloromethane	9.66	83	236539	55.013	ug/l	95
48) Methyl methacrylate	9.46	41	92867	55.364	ug/l	92
49) 1,4-Dioxane	9.46	88	21522	1142.377	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	500119	298.490	ug/l	99
52) Toluene	10.41	92	441964	54.337	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	226193	56.467	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	274128	56.455	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	128861	55.874	ug/l	94
56) Ethyl methacrylate	10.66	69	162584	60.634	ug/l	97
57) 1,3-Dichloropropane	10.95	76	218345	57.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	356355	278.204	ug/l	98
59) 2-Hexanone	10.99	43	342880	295.307	ug/l	96
60) Dibromochloromethane	11.14	129	173791	55.889	ug/l	98
61) 1,2-Dibromoethane	11.25	107	126327	56.810	ug/l	98
64) Tetrachloroethene	10.88	164	172296	51.381	ug/l	96
65) Chlorobenzene	11.67	112	467171	51.645	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	182066	54.509	ug/l	99
67) Ethyl Benzene	11.75	91	820040	52.678	ug/l	99
68) m/p-Xylenes	11.86	106	633051	105.802	ug/l	98
69) o-Xylene	12.18	106	298064	54.771	ug/l	98
70) Styrene	12.20	104	523617	56.000	ug/l	99
71) Bromoform	12.37	173	106687	54.530	ug/l #	98
73) Isopropylbenzene	12.48	105	794591	52.089	ug/l	99
74) N-amyl acetate	12.30	43	185607	58.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	135456	53.731	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	99826m	52.590	ug/l	
77) Bromobenzene	12.77	156	205340	52.672	ug/l	99
78) n-propylbenzene	12.83	91	923083	52.147	ug/l	100
79) 2-Chlorotoluene	12.91	91	532332	52.639	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	667405	53.253	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	46242	55.901	ug/l	97
82) 4-Chlorotoluene	13.01	91	556968	52.179	ug/l	99
83) tert-Butylbenzene	13.23	119	579942	52.881	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	658532	53.260	ug/l	100
85) sec-Butylbenzene	13.41	105	783472	51.866	ug/l	99
86) p-Isopropyltoluene	13.52	119	727230	52.991	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	381565	52.717	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	379749	51.899	ug/l	98
89) n-Butylbenzene	13.85	91	667665	52.322	ug/l	100
90) Hexachloroethane	14.12	117	142213	50.058	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	334139	53.275	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23308	56.413	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	247381	54.949	ug/l	100
94) Hexachlorobutadiene	15.28	225	143692	51.627	ug/l	99
95) Naphthalene	15.41	128	432210	53.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	214073	54.697	ug/l	98

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

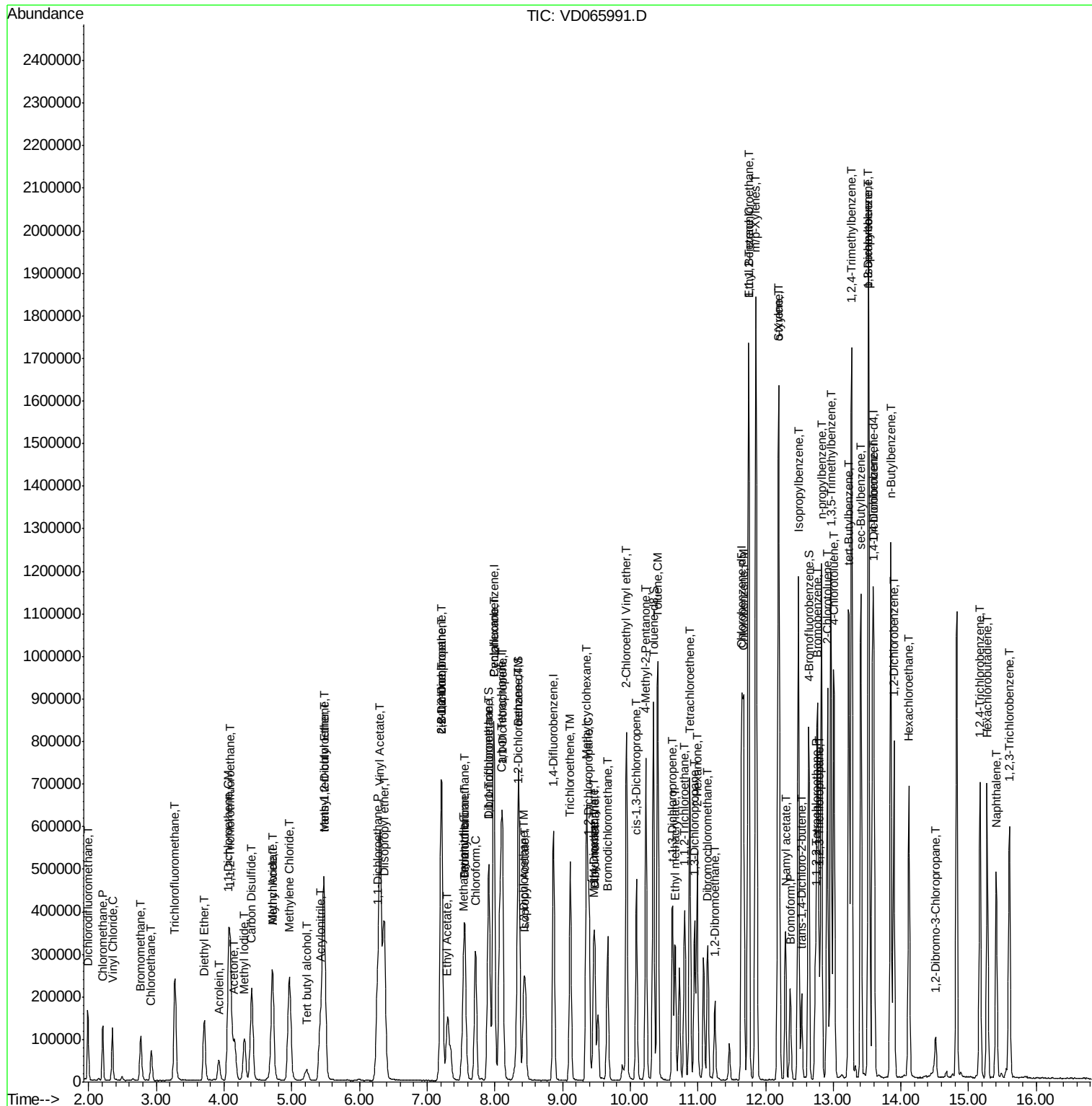
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072120\
Data File : VD065991.D
Acq On : 21 Jul 2020 20:18
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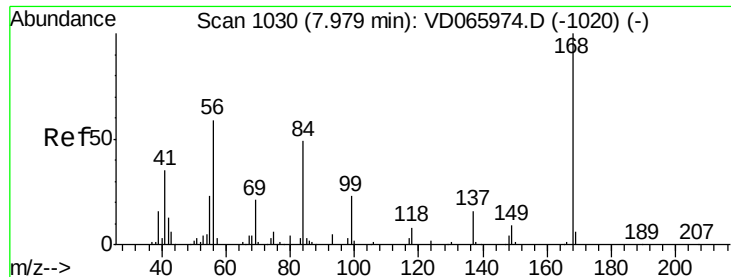
Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 347858

Ion Ratio Lower Upper

168 100

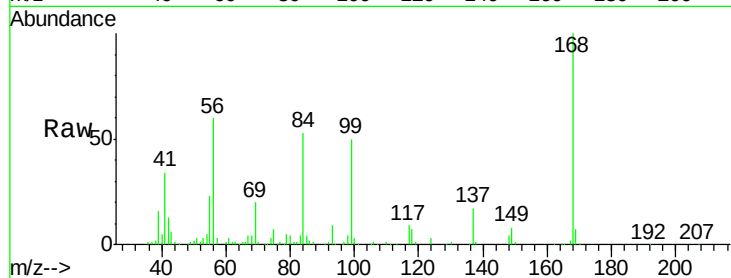
99 50.3 40.8 61.2

Manual Integrations

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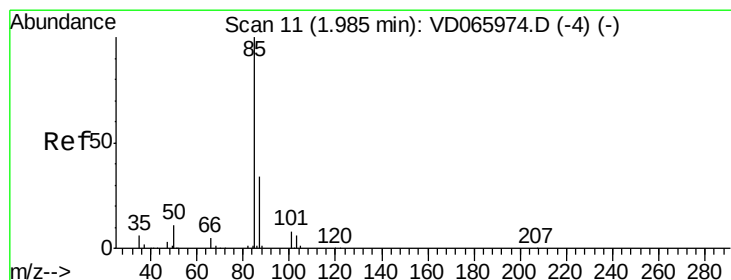
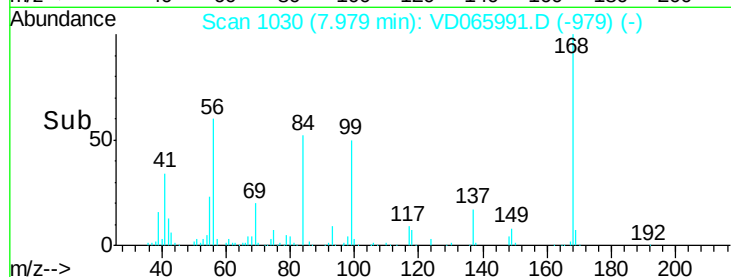
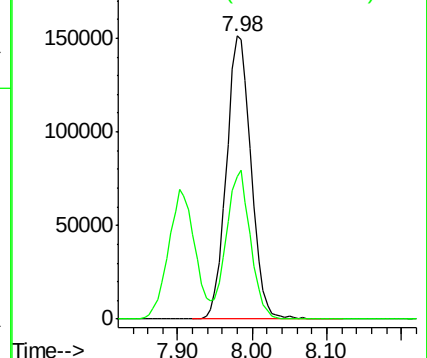
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 45.099 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065991.D

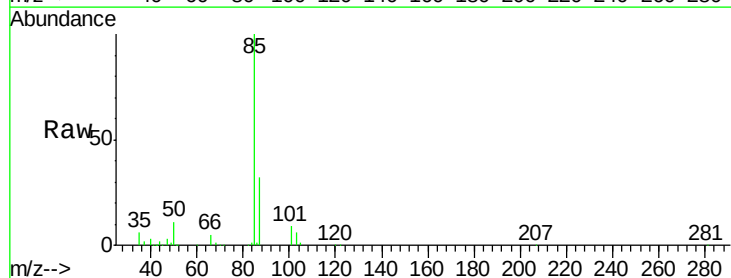
Acq: 21 Jul 2020 20:18

Tgt Ion: 85 Resp: 119057

Ion Ratio Lower Upper

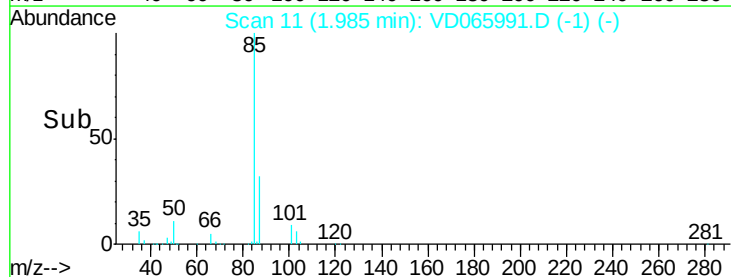
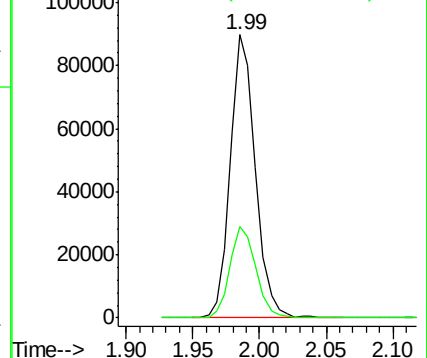
85 100

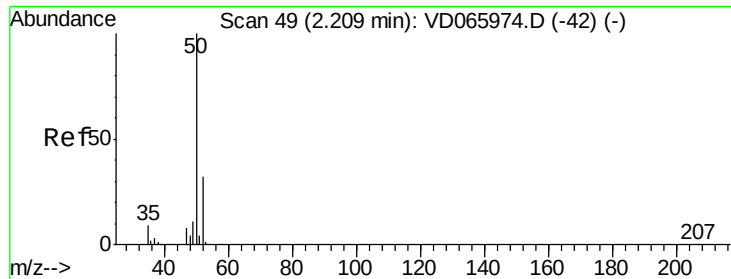
87 32.1 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 50.865 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 109581

Ion Ratio Lower Upper

50 100

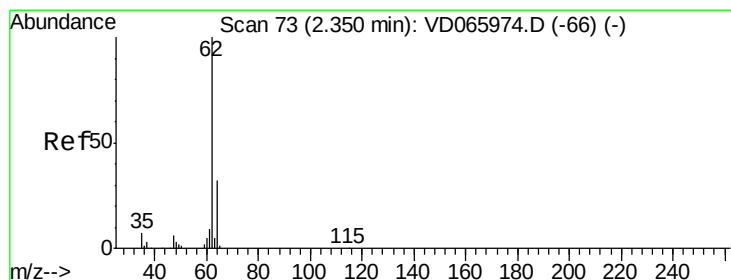
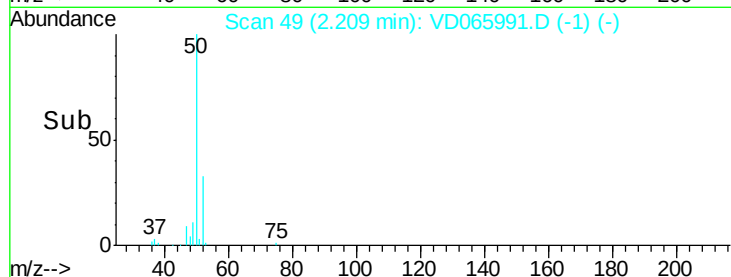
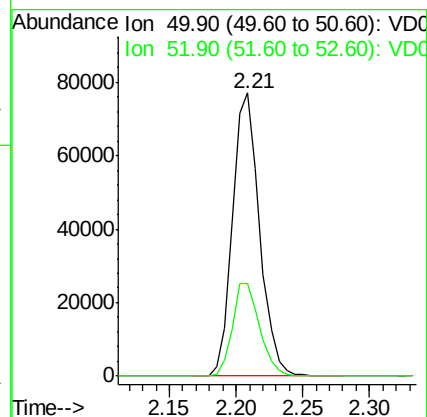
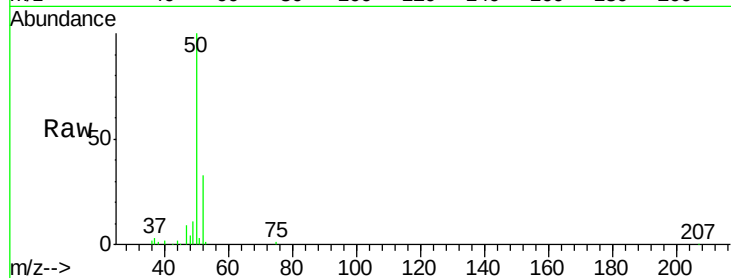
52 32.8 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.479 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065991.D

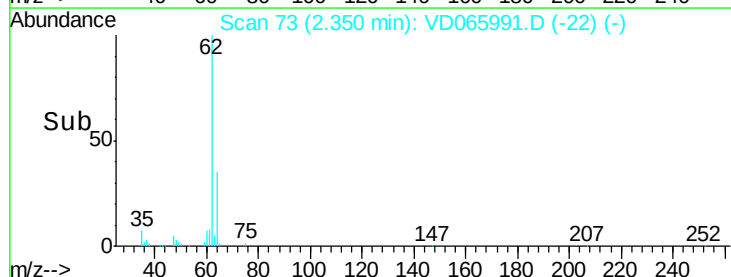
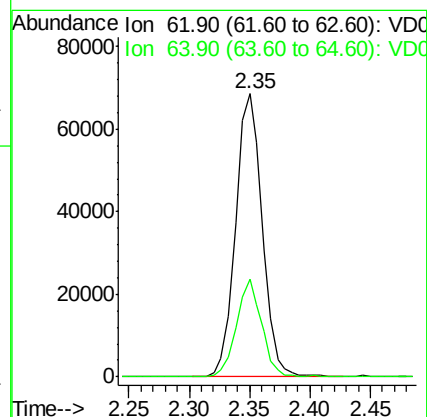
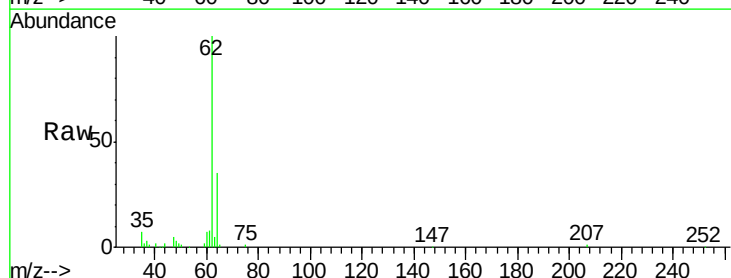
Acq: 21 Jul 2020 20:18

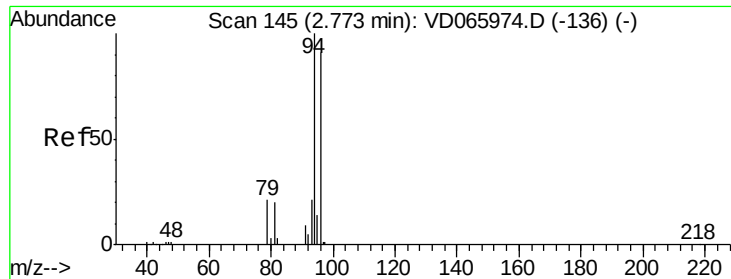
Tgt Ion: 62 Resp: 105612

Ion Ratio Lower Upper

62 100

64 34.6 25.8 38.8





#5

Bromomethane

Concen: 54.503 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 77986

Ion Ratio Lower Upper

94 100

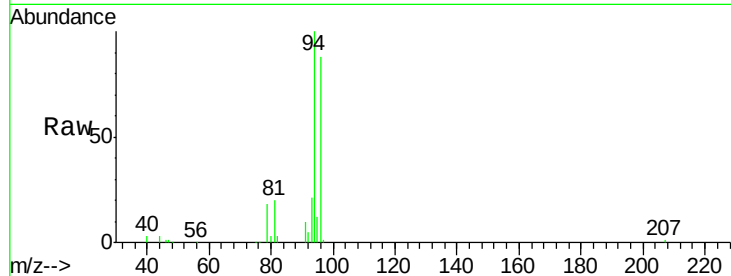
96 87.7 73.0 109.4

Manual Integrations

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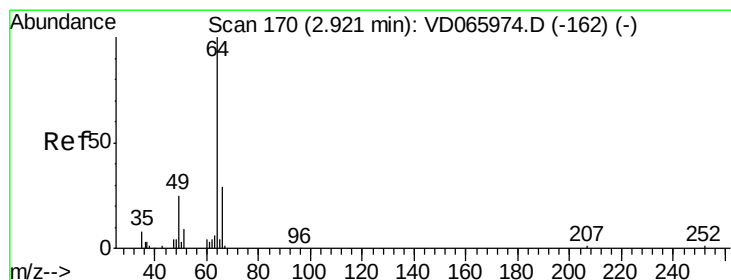
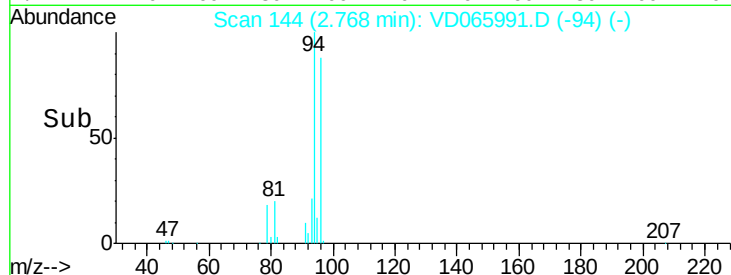
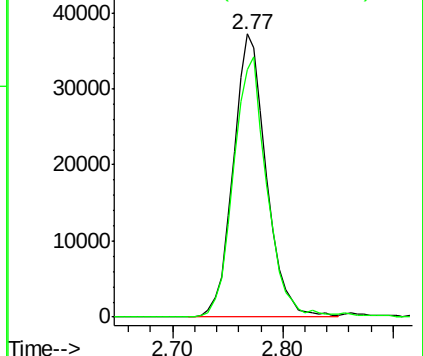
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 54.314 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065991.D

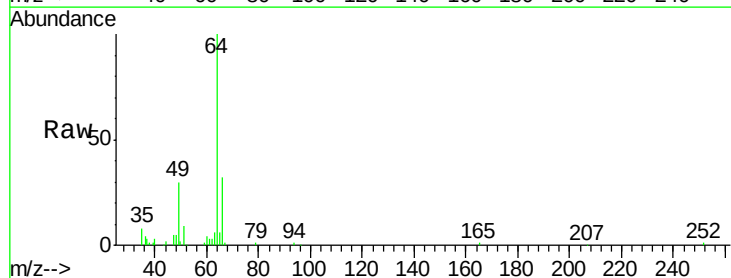
Acq: 21 Jul 2020 20:18

Tgt Ion: 64 Resp: 66517

Ion Ratio Lower Upper

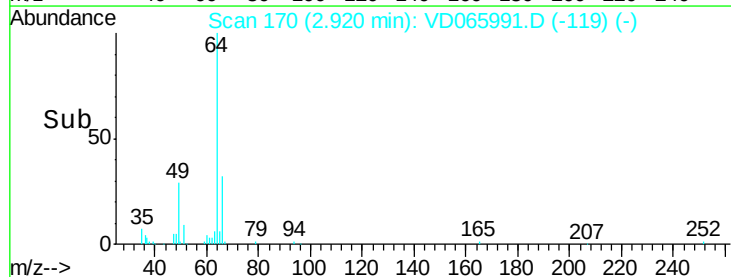
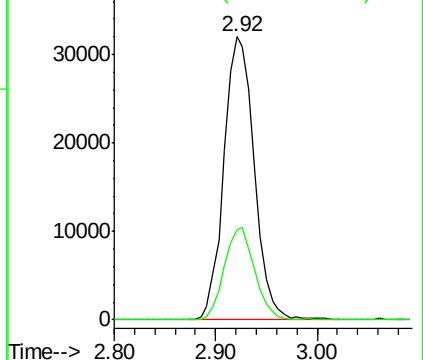
64 100

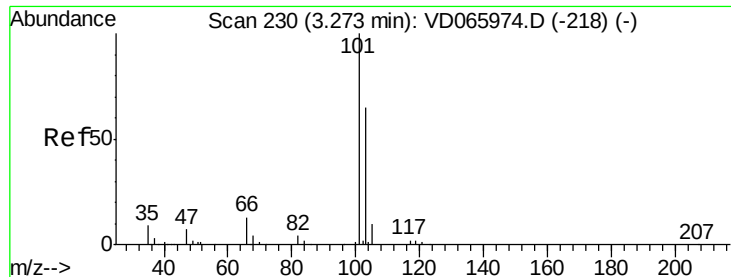
66 31.8 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

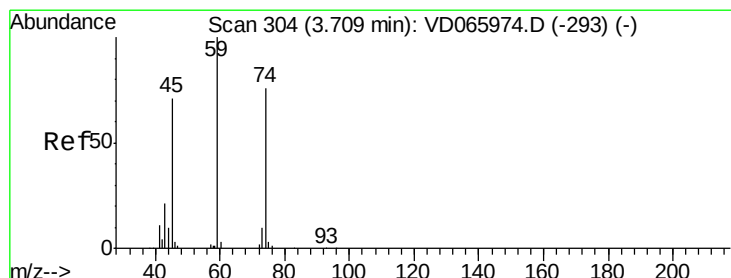
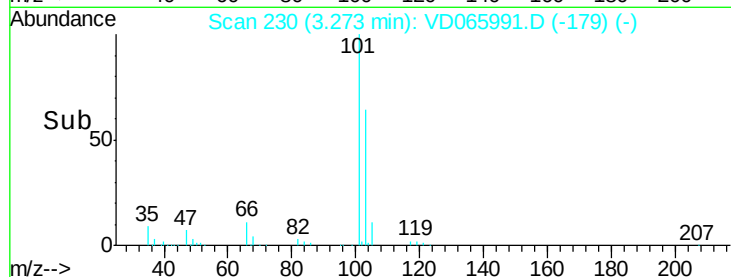
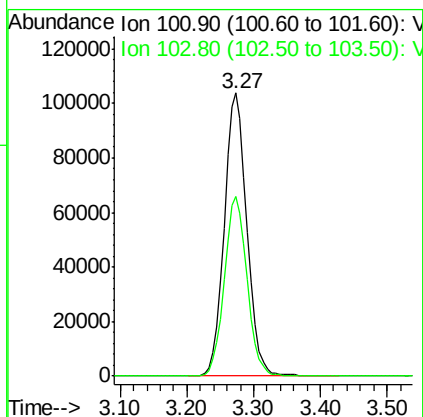
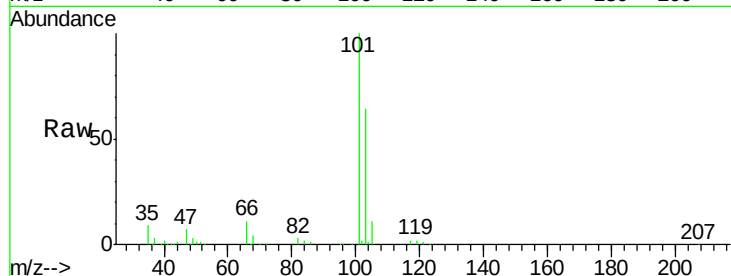
Trichlorofluoromethane
Concen: 49.659 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.1	78.1

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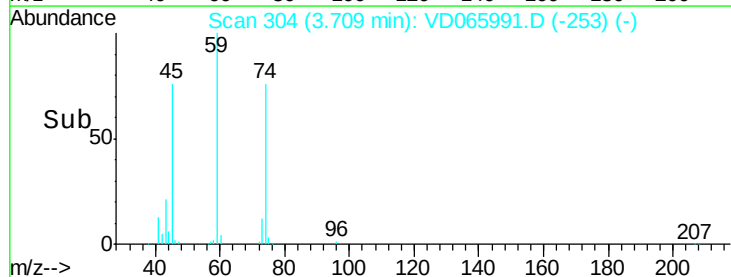
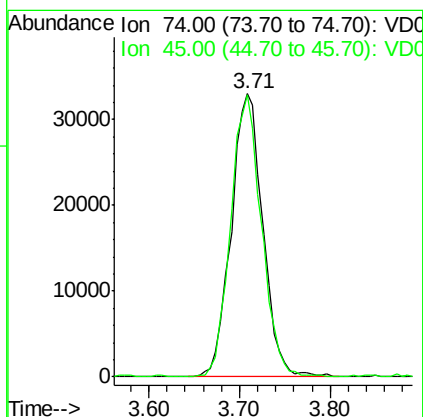
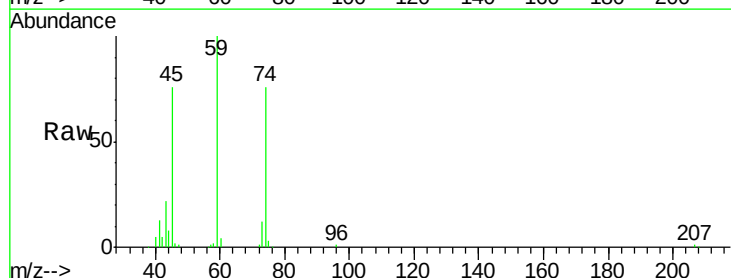
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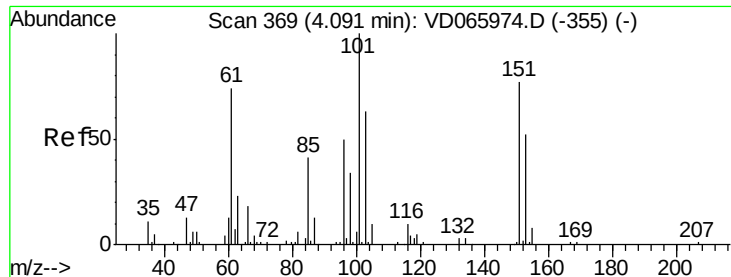


#8

Diethyl Ether
Concen: 58.019 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.792 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

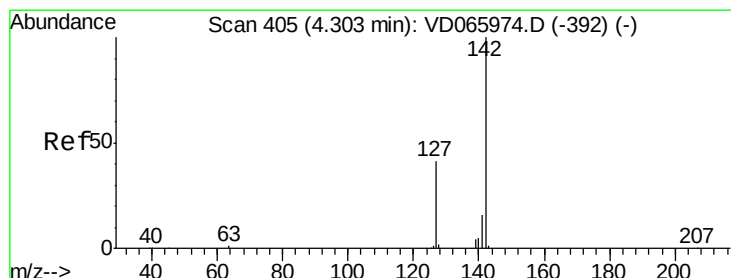
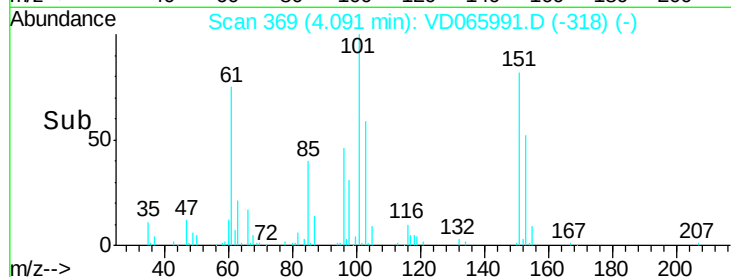
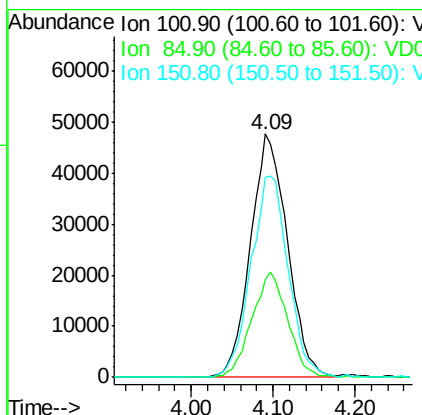
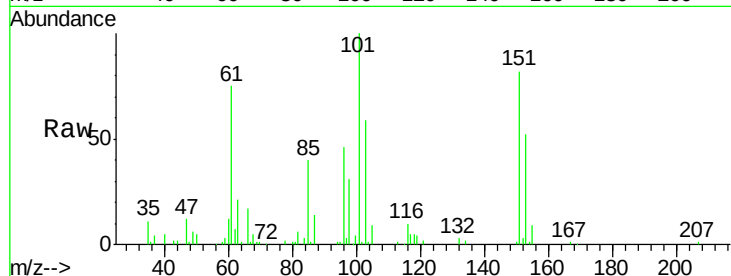
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	150026
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.6	50.4
151	83.3	66.6	99.8

Manual Integrations
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#10

Methyl Iodide

Concen: 54.447 ug/l

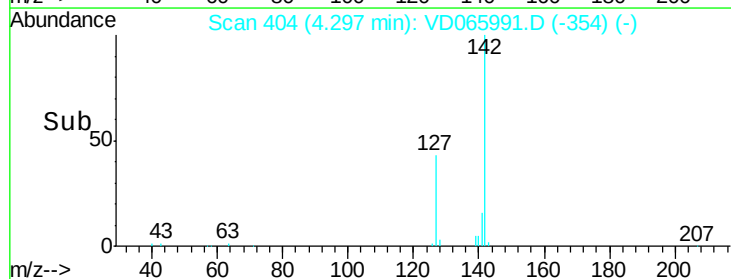
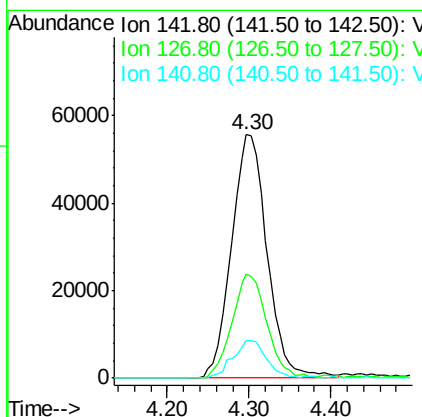
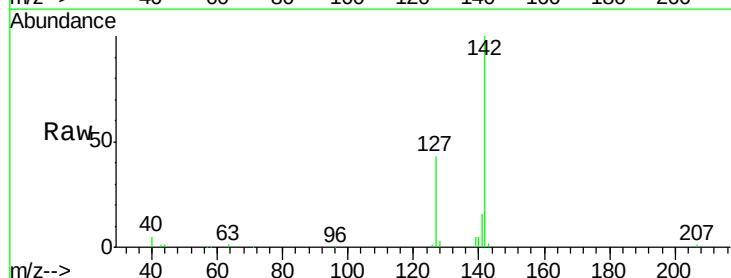
RT: 4.30 min Scan# 404

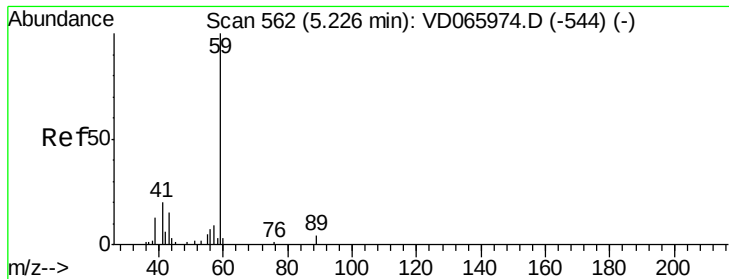
Delta R.T. -0.01 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Tgt Ion:	142	Resp:	168617
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.9	49.3
141	14.7	11.8	17.6





#11

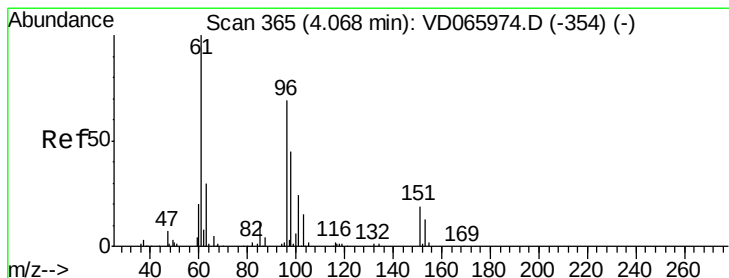
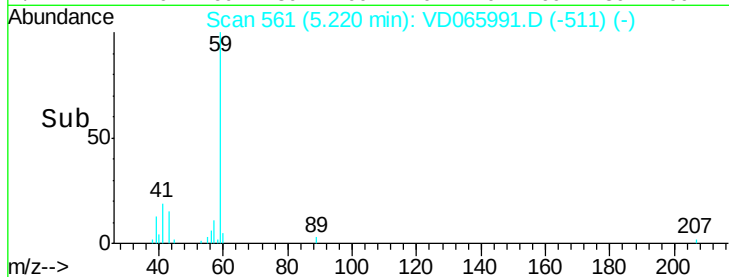
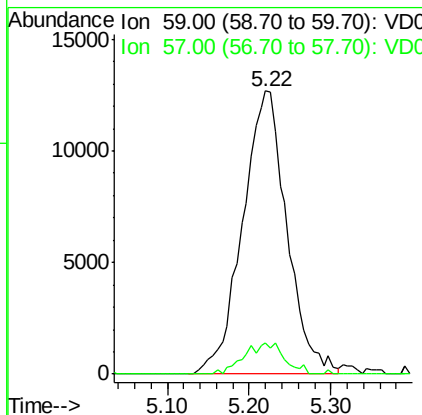
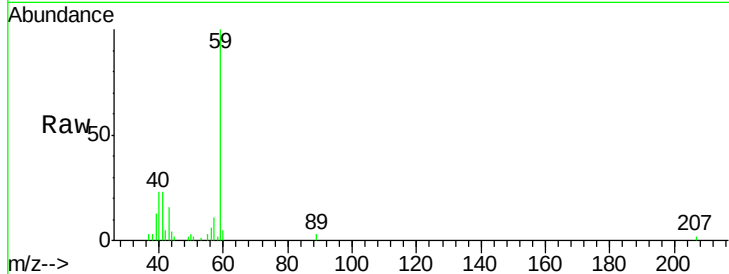
Tert butyl alcohol
Concen: 270.354 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	4.5	6.7#

Manual Integrations
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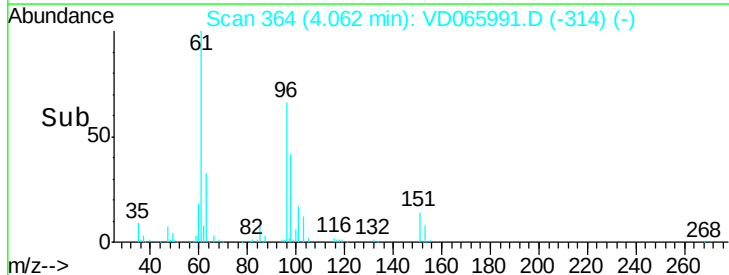
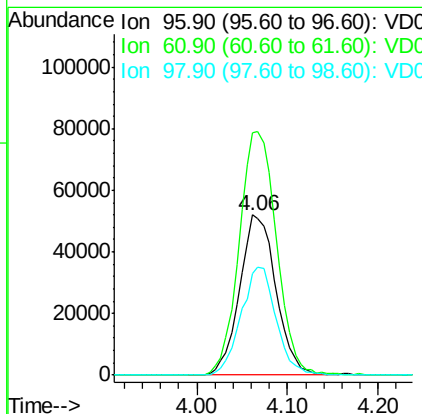
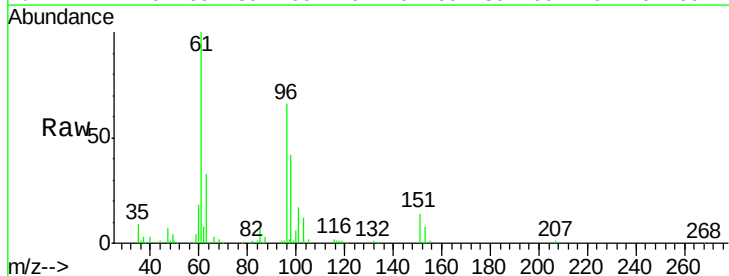
MMDadoda
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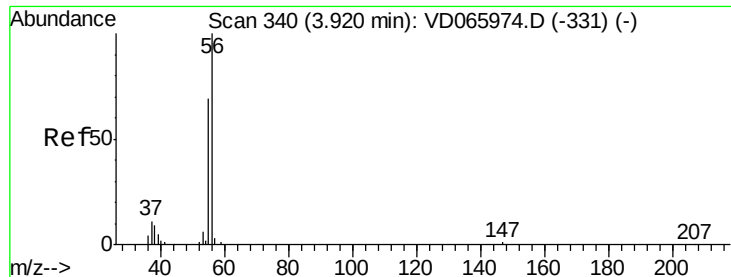


#12

1,1-Dichloroethene
Concen: 50.337 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	115.4	173.0
98	63.2	51.5	77.3





#13

Acrolein

Concen: 237.279 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 56585

Ion Ratio Lower Upper

56 100

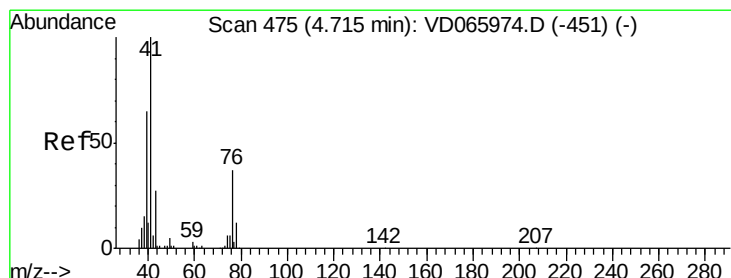
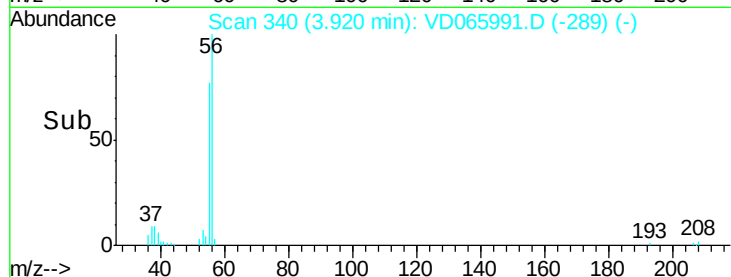
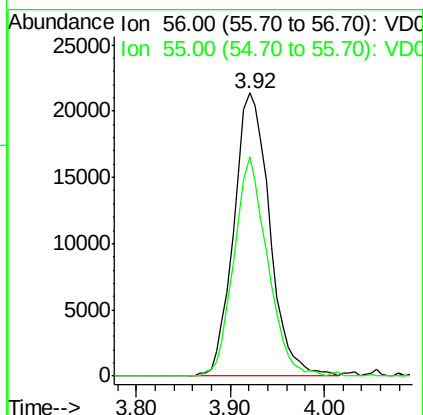
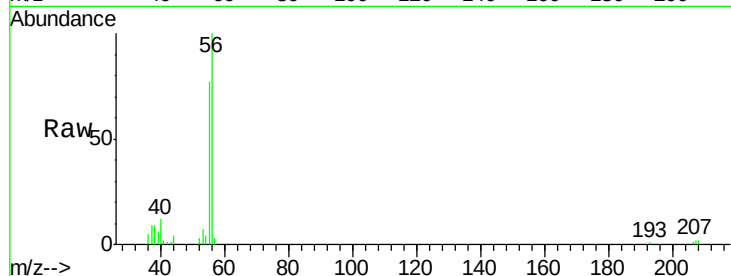
55 72.5 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 55.116 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

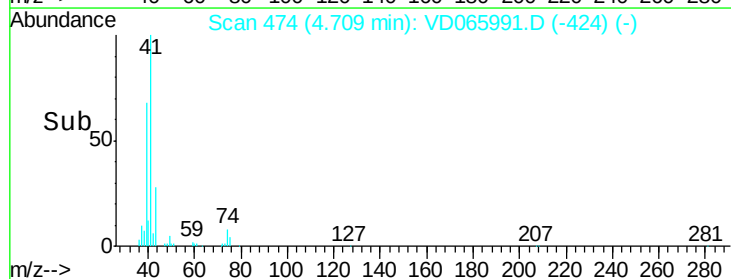
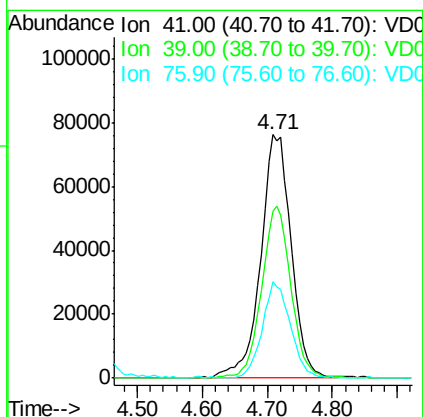
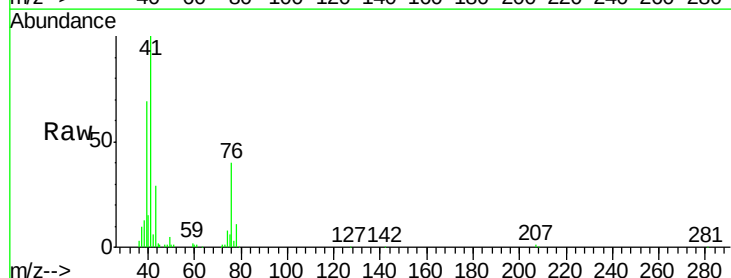
Tgt Ion: 41 Resp: 247795

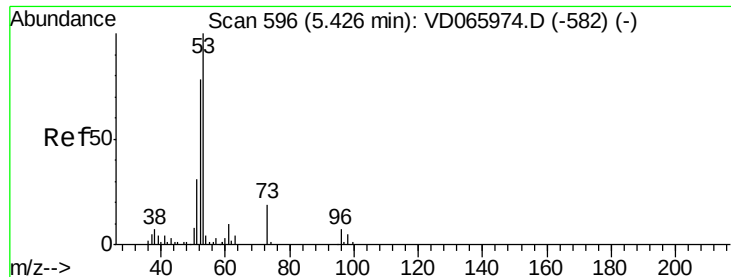
Ion Ratio Lower Upper

41 100

39 67.5 53.4 80.2

76 36.5 29.1 43.7





#15

Acrylonitrile

Concen: 297.308 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

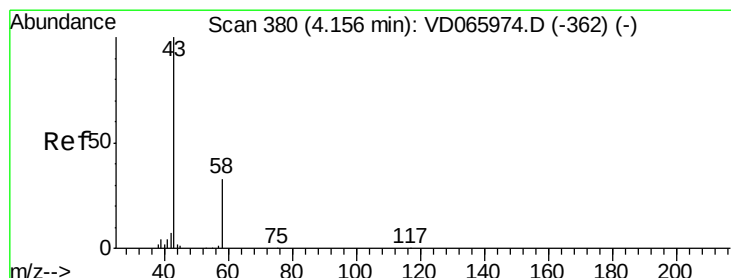
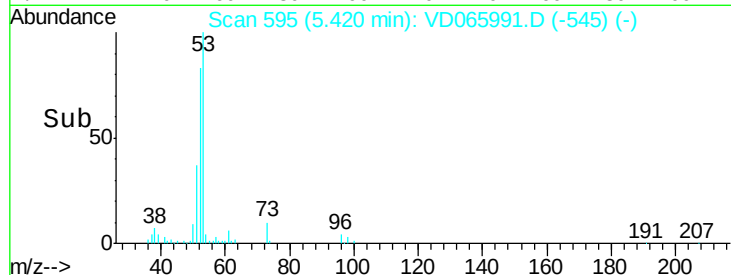
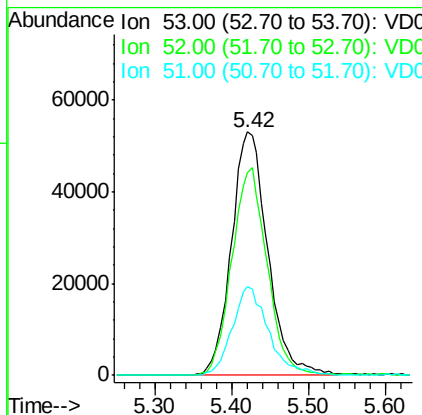
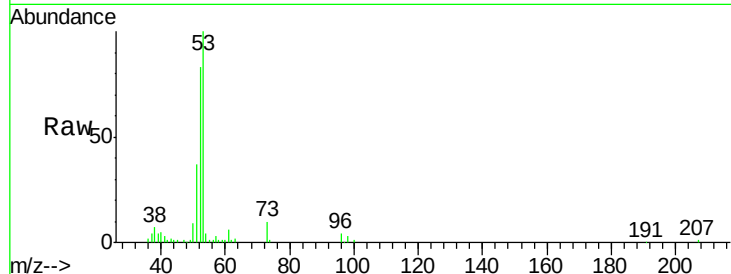
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	175195
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.1	100.7
51	36.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 289.747 ug/l

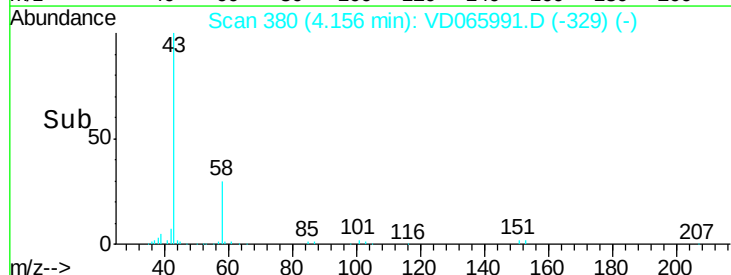
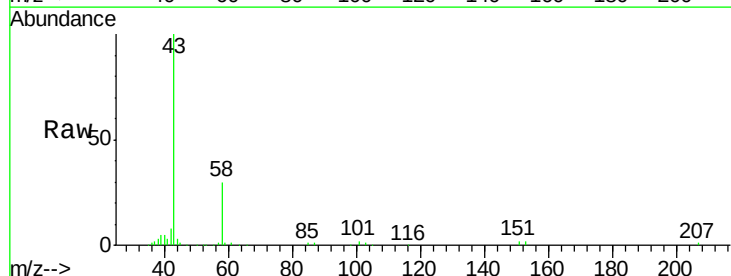
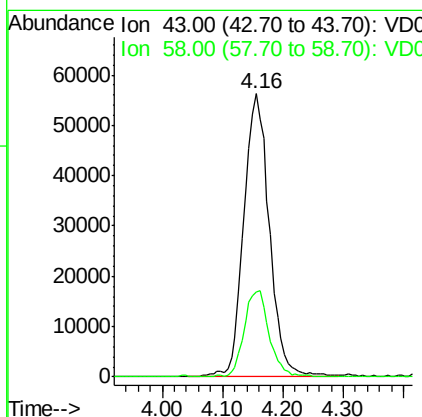
RT: 4.16 min Scan# 380

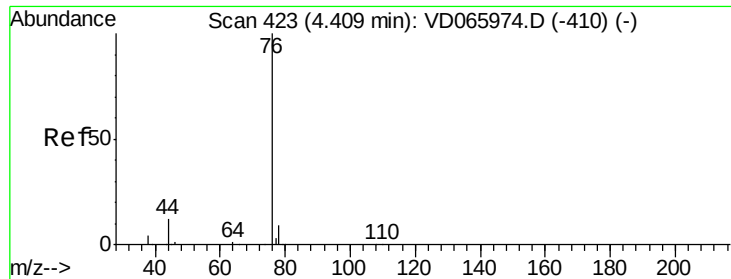
Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Tgt Ion:	43	Resp:	166005
Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.3	39.5





#17

Carbon Disulfide

Concen: 50.198 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 468312

Ion Ratio Lower Upper

76 100

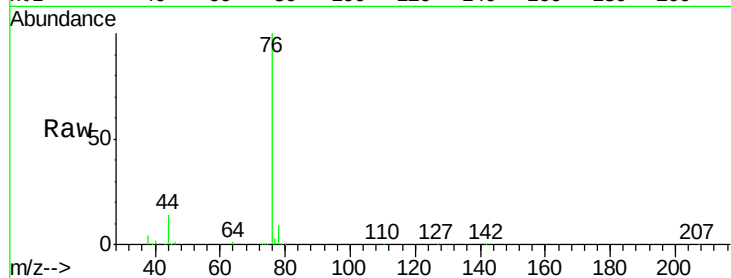
78 8.9 7.4 11.2

Manual Integrations

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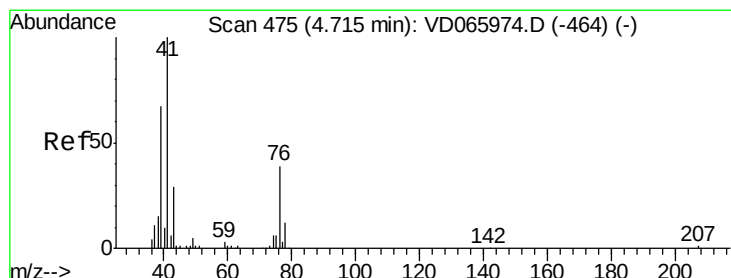
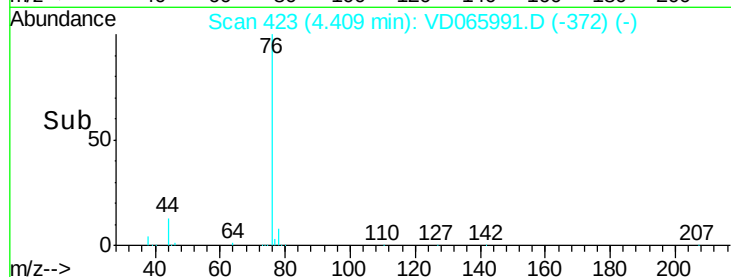
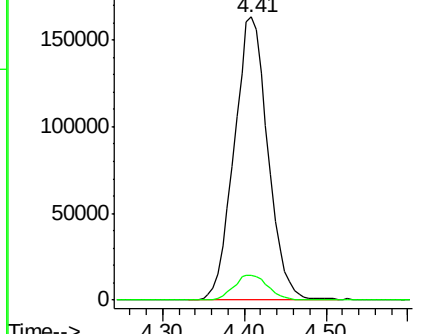
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 56.743 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065991.D

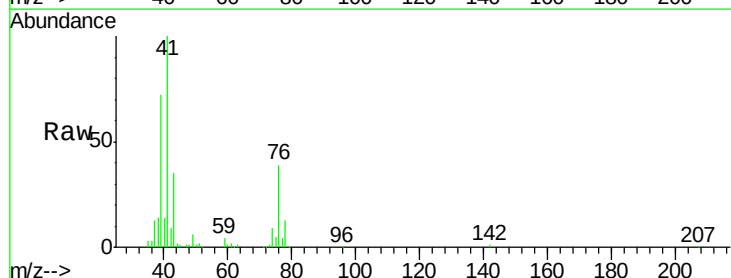
Acq: 21 Jul 2020 20:18

Tgt Ion: 43 Resp: 75627

Ion Ratio Lower Upper

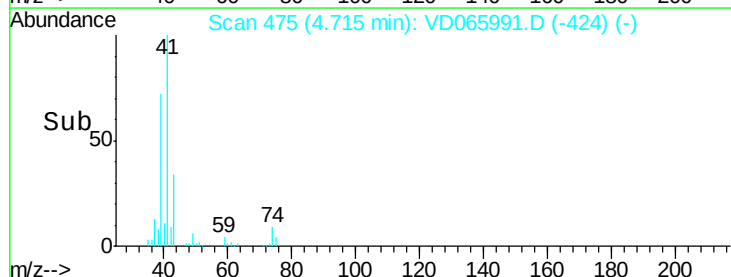
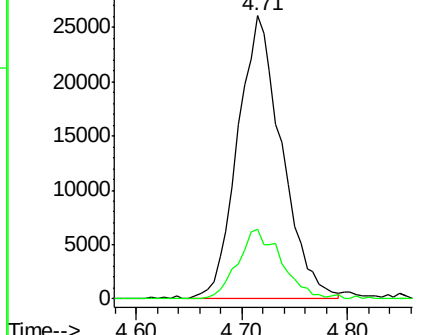
43 100

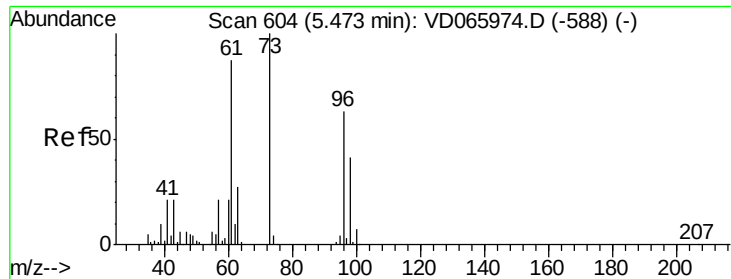
74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





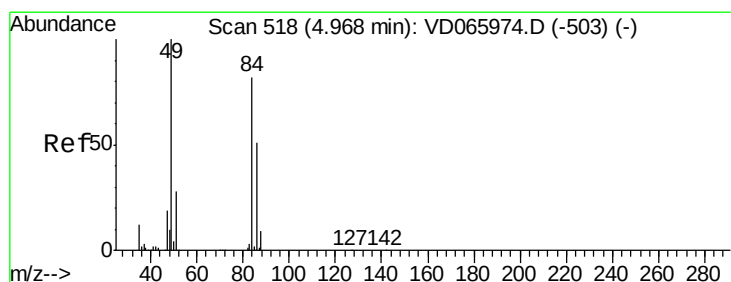
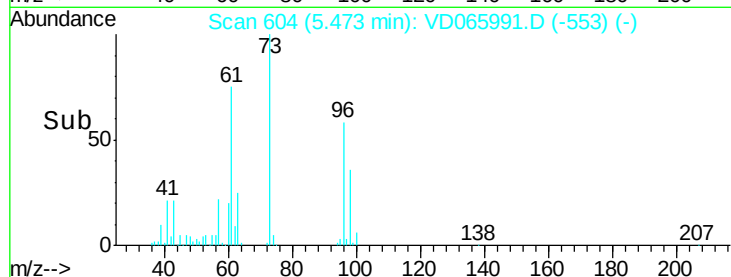
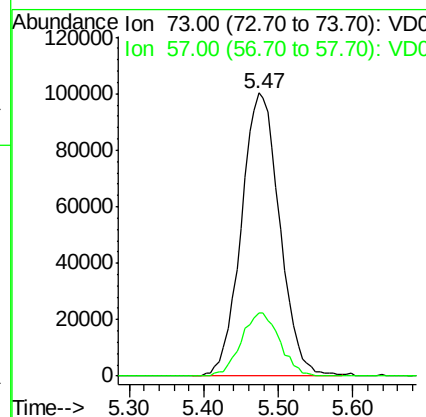
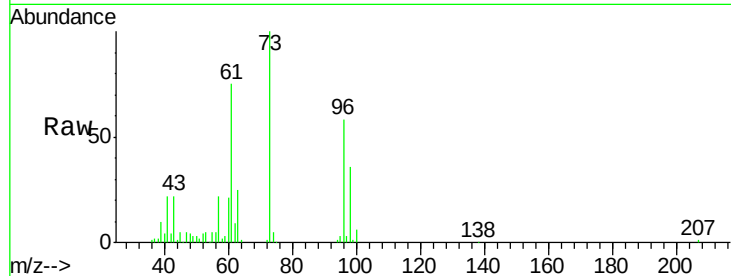
#19
Methyl tert-butyl Ether
Concen: 60.309 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 356387
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.4

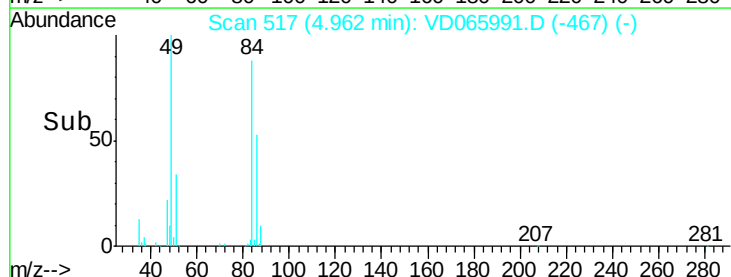
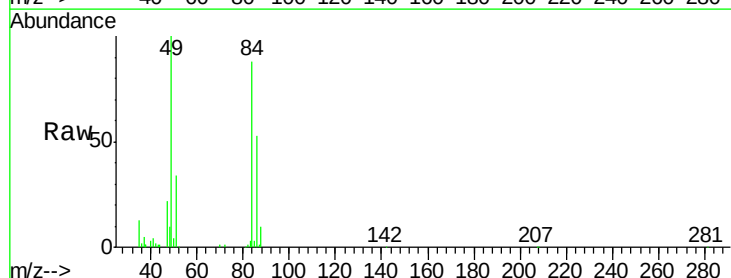
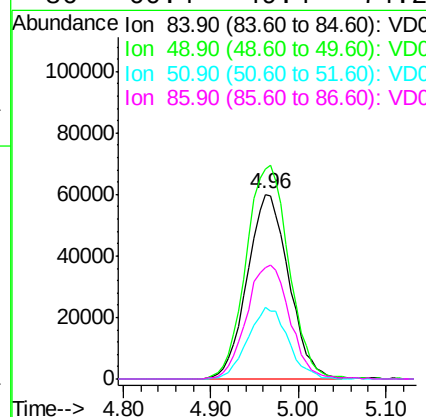
Manual Integrations
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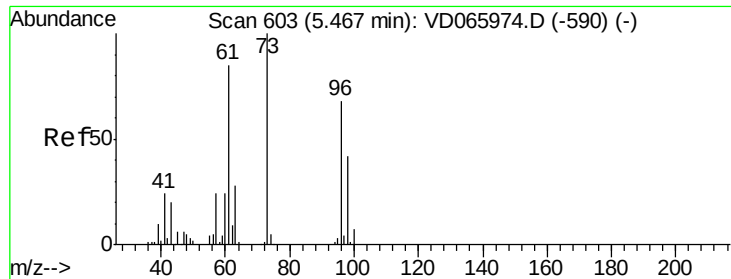
MMDadoda
7/22/2020 2:44:36 PM



#20
Methylene Chloride
Concen: 62.138 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion: 84 Resp: 194571
Ion Ratio Lower Upper
84 100
49 113.9 97.7 146.5
51 38.9 27.4 41.2
86 60.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 53.230 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 173030

Ion Ratio Lower Upper

96 100

61 128.5 100.5 150.7

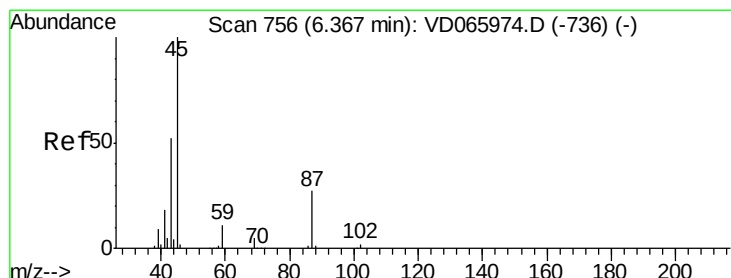
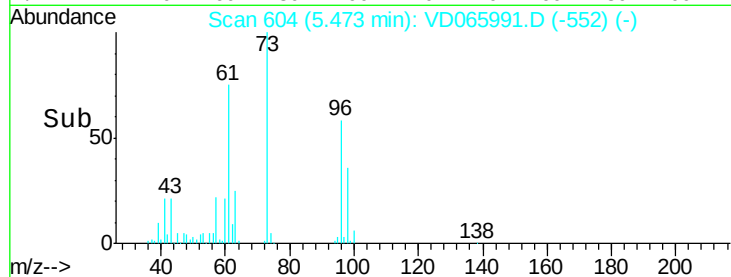
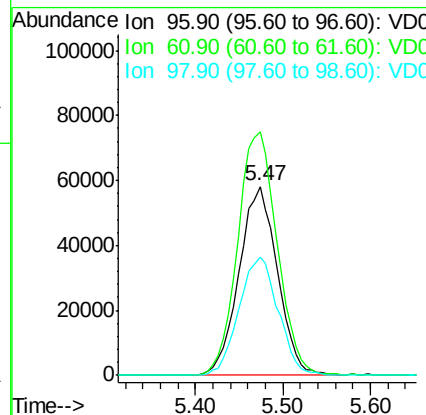
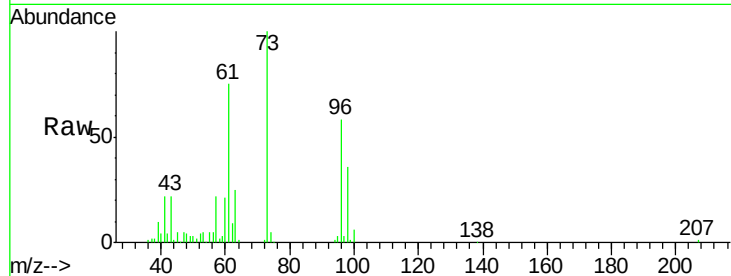
98 62.3 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 58.994 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Tgt Ion: 45 Resp: 503891

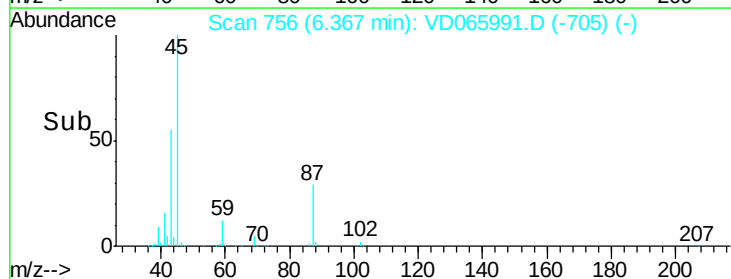
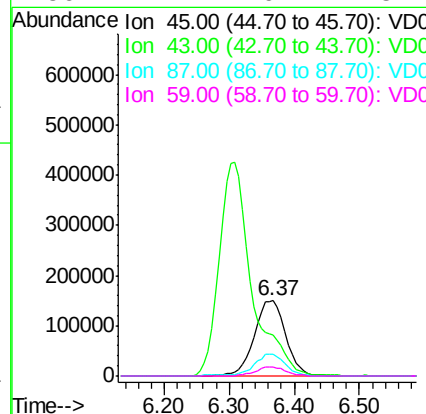
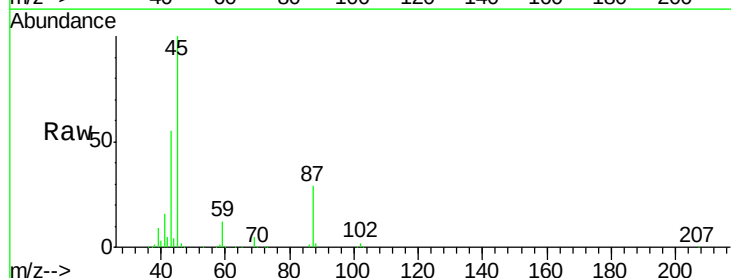
Ion Ratio Lower Upper

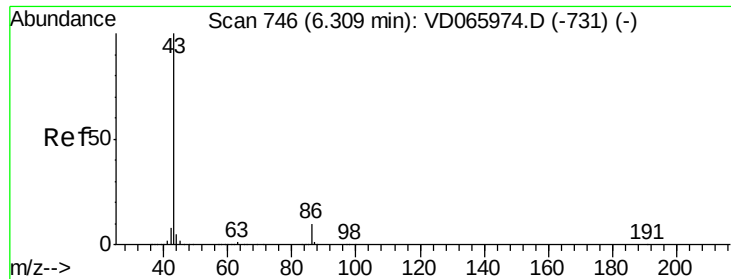
45 100

43 53.8 43.0 64.4

87 28.5 22.0 33.0

59 12.1 9.1 13.7





#23

Vinyl Acetate

Concen: 307.832 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1482854

Ion Ratio Lower Upper

43 100

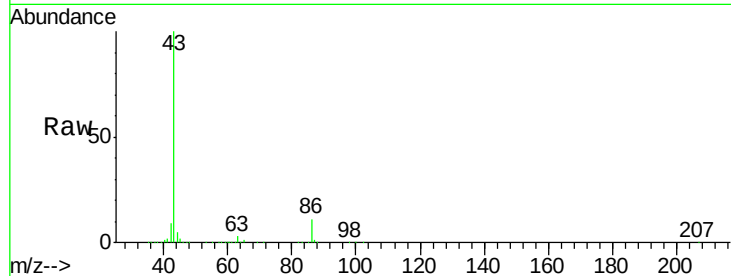
86 10.6 7.9 11.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

400000

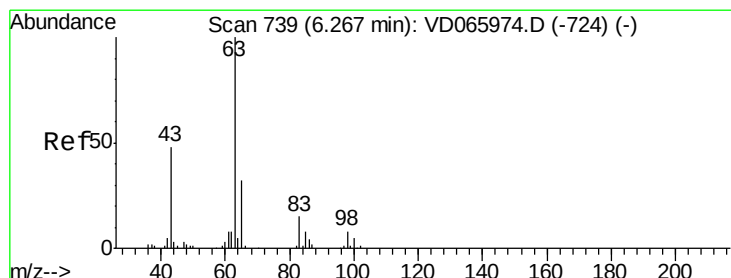
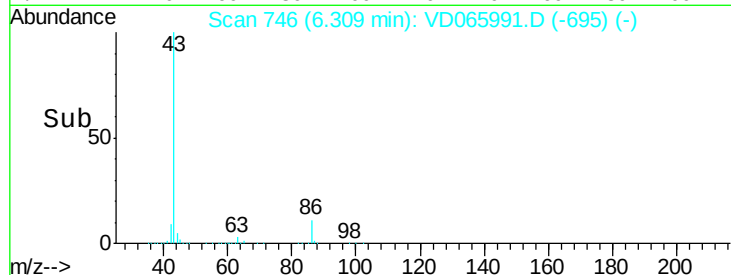
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 56.589 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

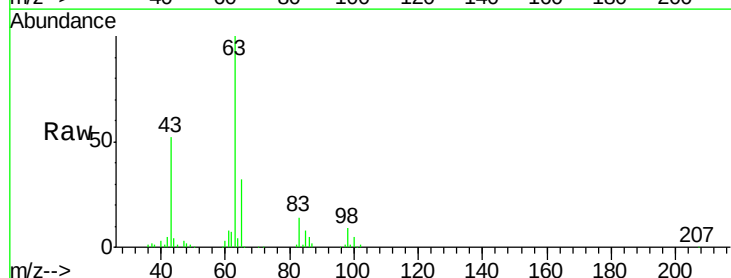
Tgt Ion: 63 Resp: 292867

Ion Ratio Lower Upper

63 100

98 9.2 4.3 12.8

100 4.7 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

6.27

120000

100000

80000

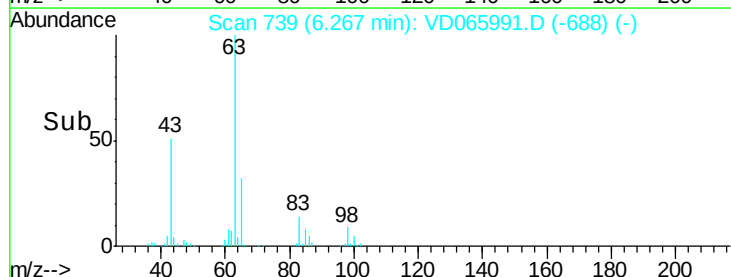
60000

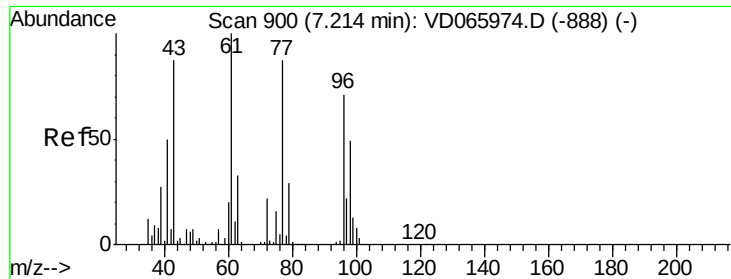
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 293.801 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 223357

Ion Ratio Lower Upper

43 100

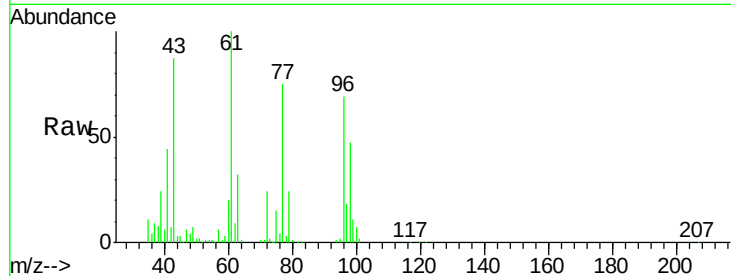
72 27.6 20.2 30.2

Manual Integrations

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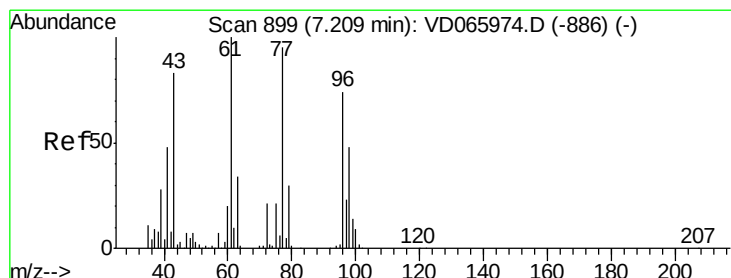
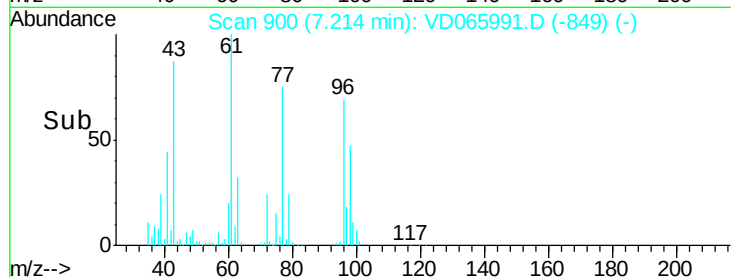
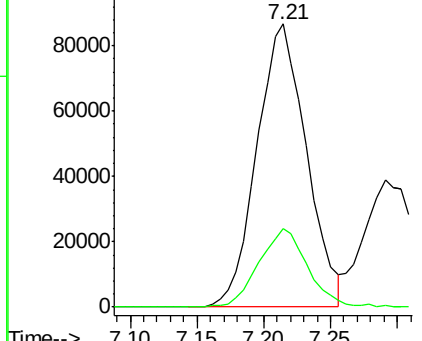
MMDadoda

7/22/2020 2:44:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.474 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065991.D

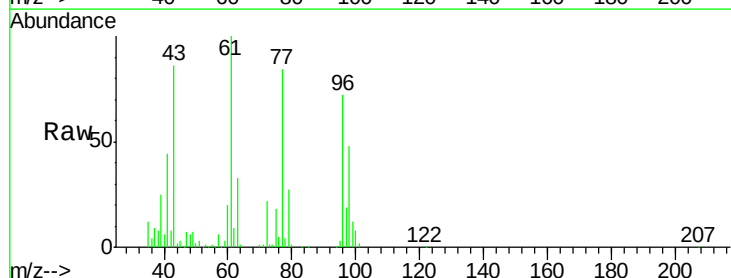
Acq: 21 Jul 2020 20:18

Tgt Ion: 77 Resp: 239555

Ion Ratio Lower Upper

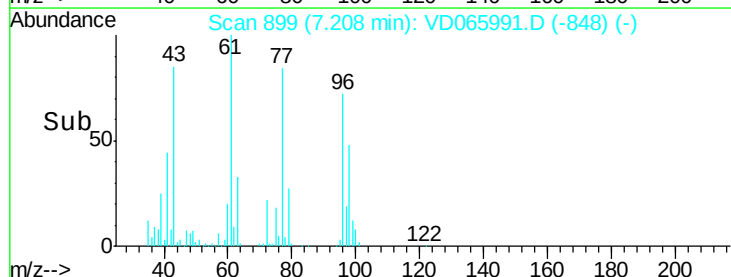
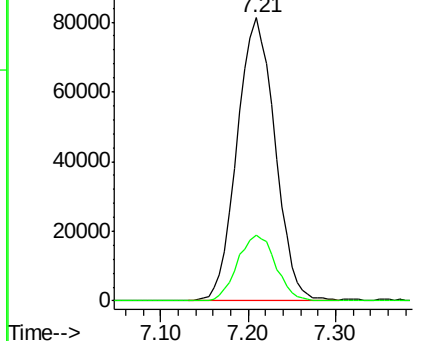
77 100

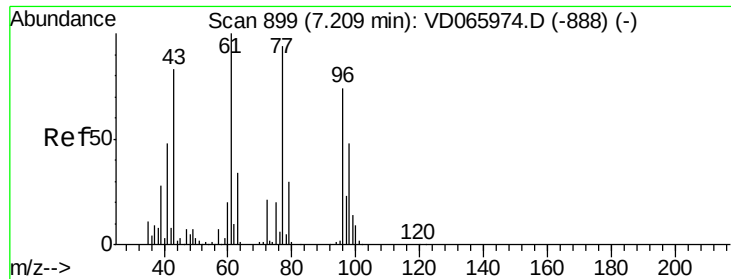
97 23.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

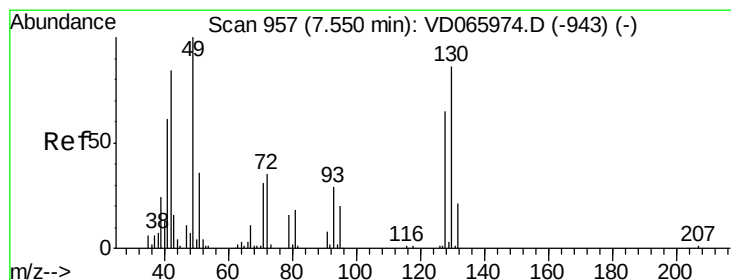
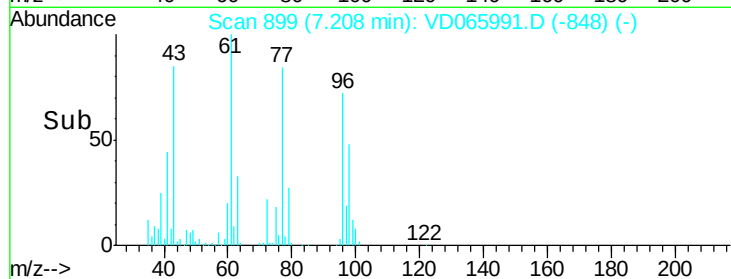
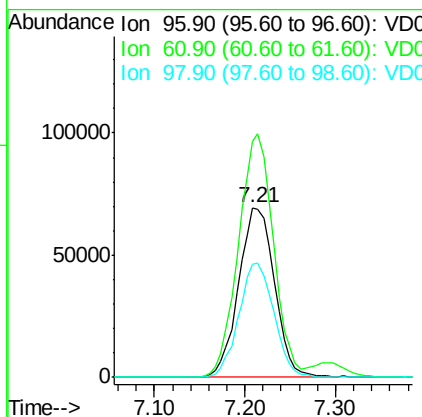
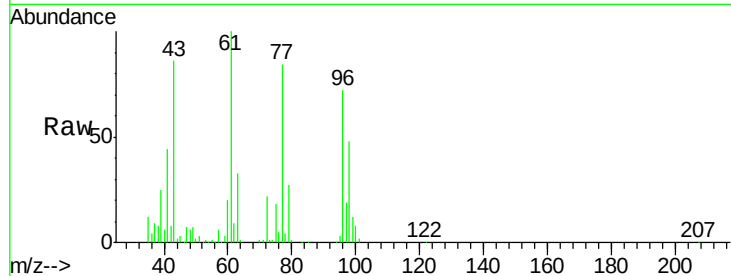
cis-1,2-Dichloroethene
Concen: 55.499 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	191010		
61	140.1	0.0	276.6	
98	66.2	0.0	130.8	

Manual Integrations
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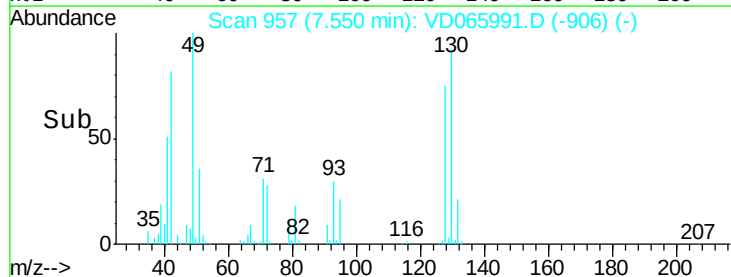
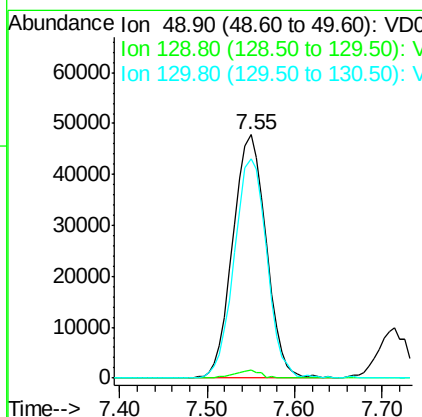
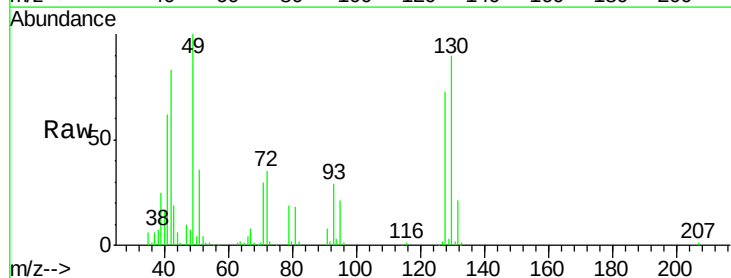
MMDadoda
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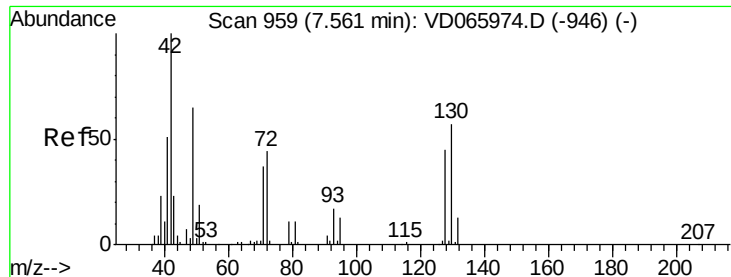


#28

Bromochloromethane
Concen: 56.284 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123631		
129	2.5	0.0	4.8	
130	87.8	68.4	102.6	





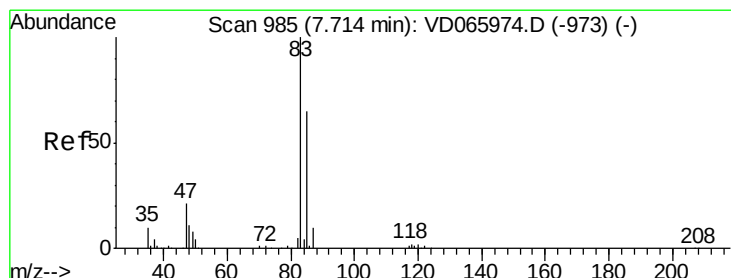
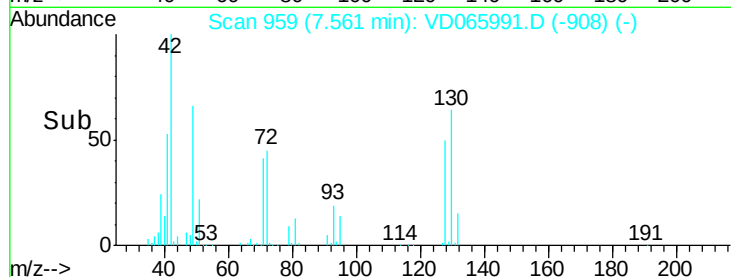
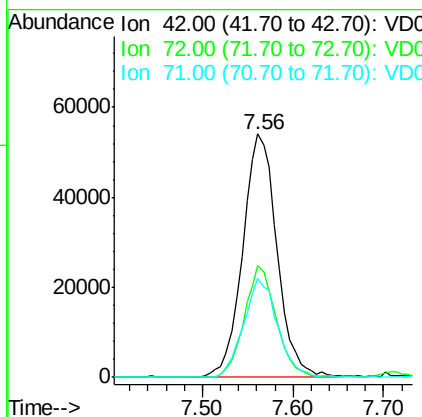
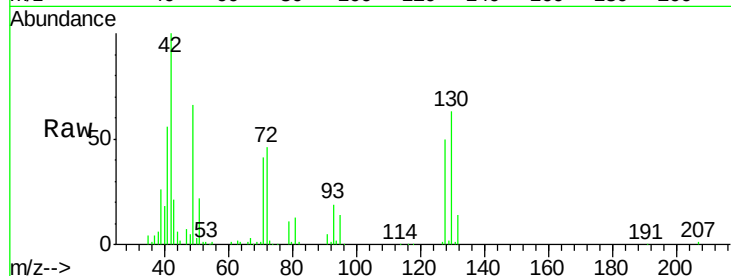
#29
Tetrahydrofuran
Concen: 303.237 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	40.1	31.4	47.2

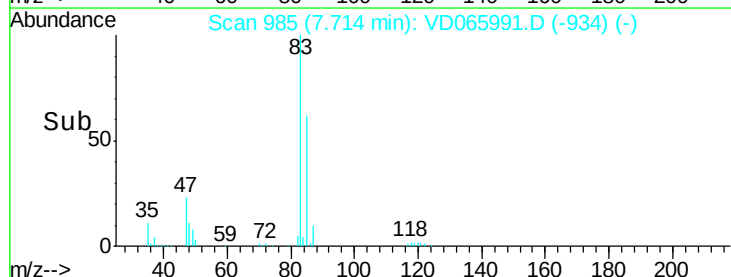
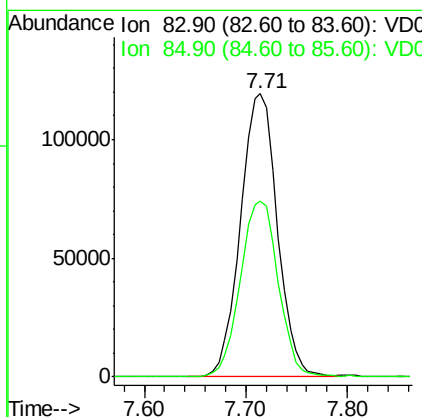
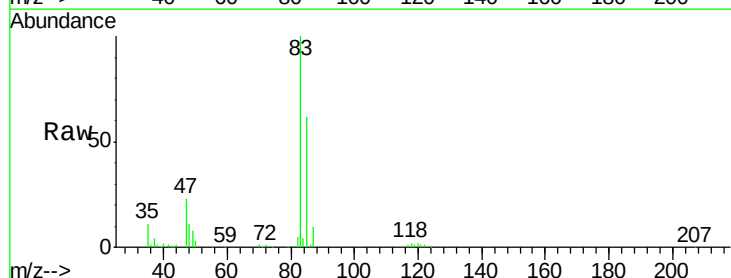
Manual Integrations
APPROVED

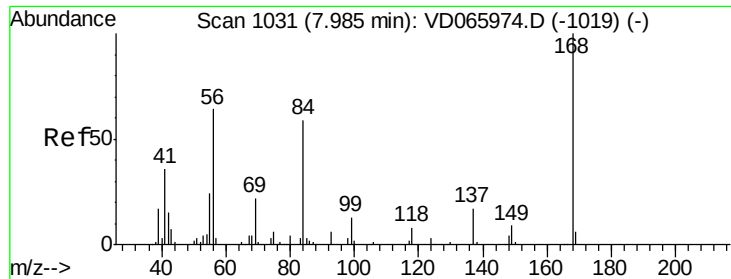
MMDadoda
7/22/2020 2:44:36 PM



#30
Chloroform
Concen: 55.582 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.1	78.1





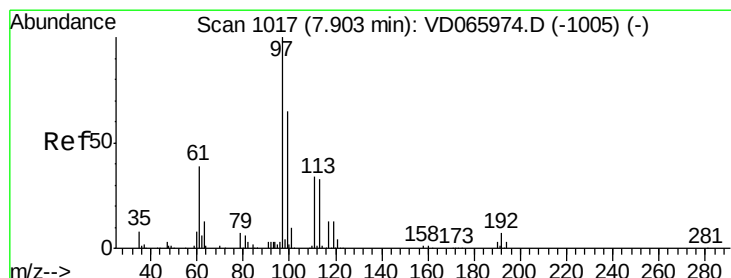
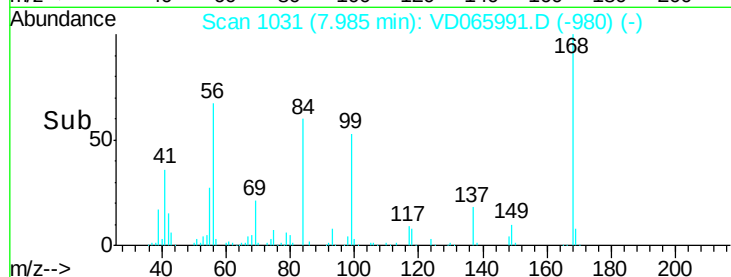
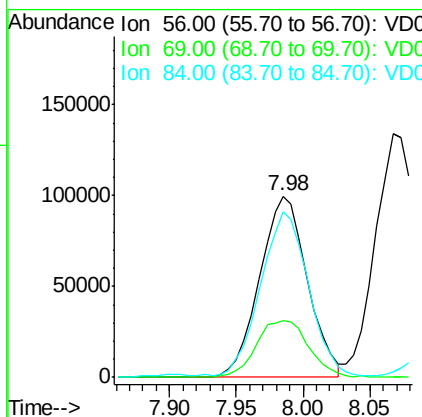
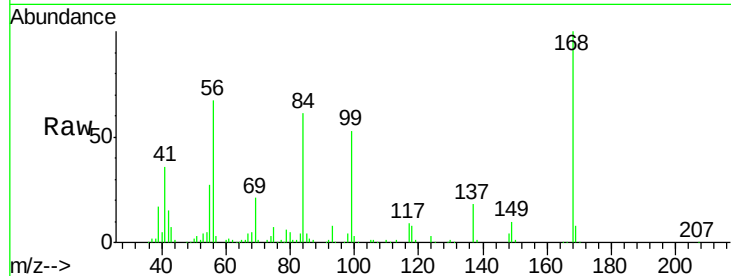
#31
Cyclohexane
Concen: 48.446 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	28.0	42.0
84	89.9	72.6	109.0

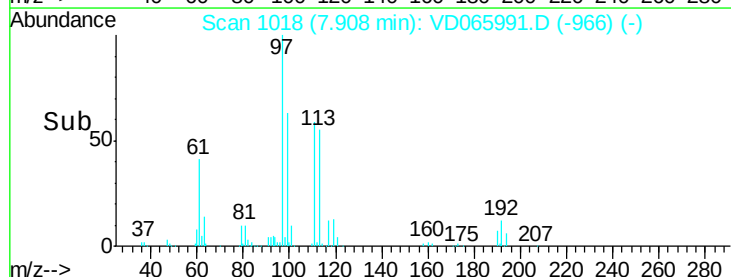
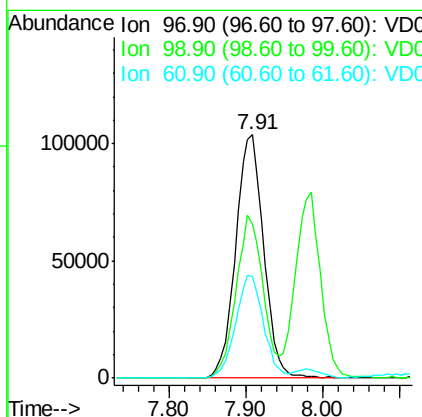
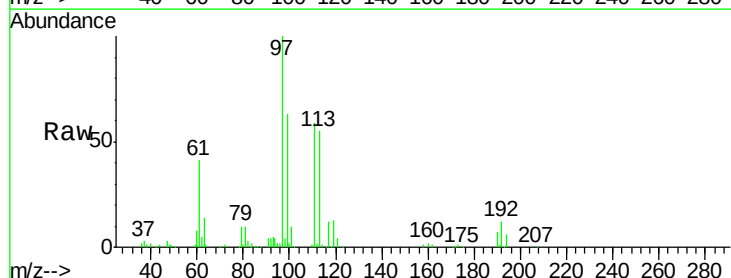
Manual Integrations
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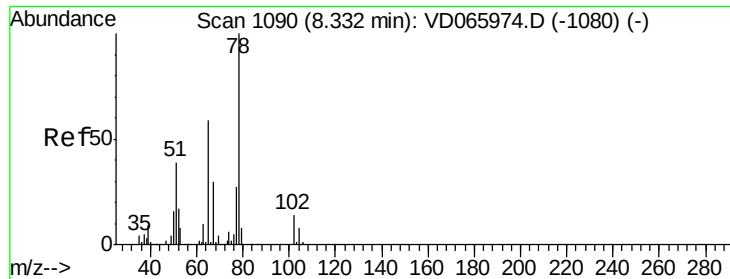
MMDadoda
7/22/2020 2:44:36 PM



#32
1,1,1-Trichloroethane
Concen: 52.782 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.6
61	41.9	33.3	49.9





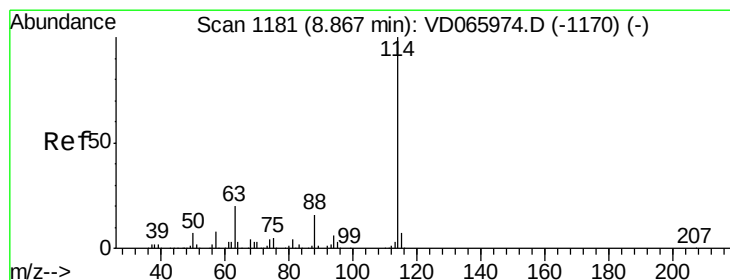
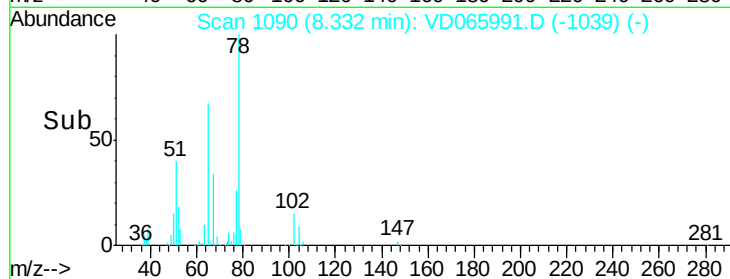
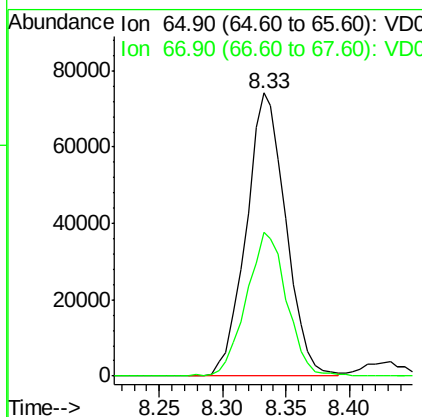
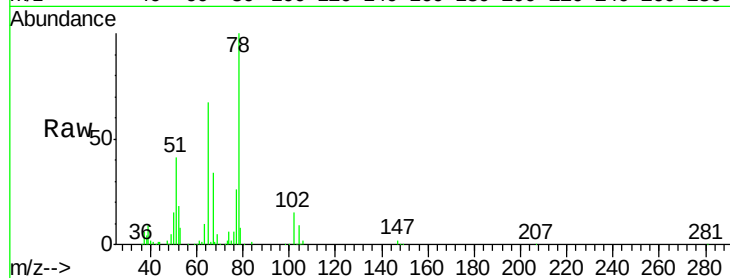
#33
 1,2-Dichloroethane-d4
 Concen: 56.934 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161152		
67	51.7	0.0	105.0	

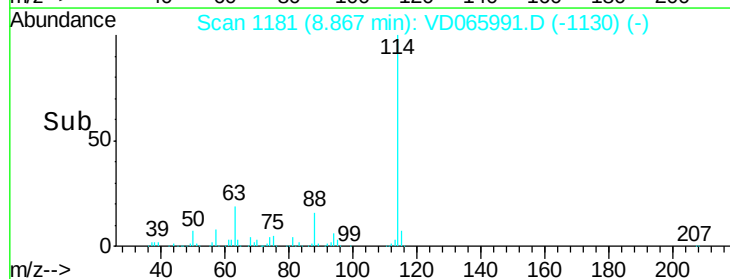
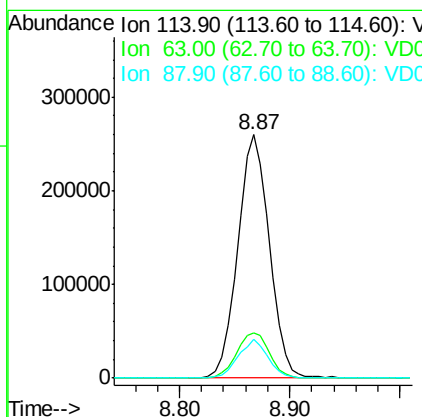
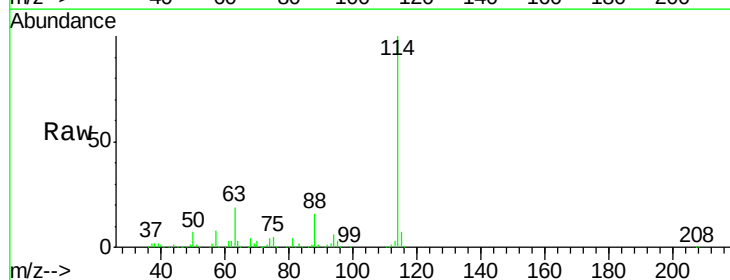
Manual Integrations
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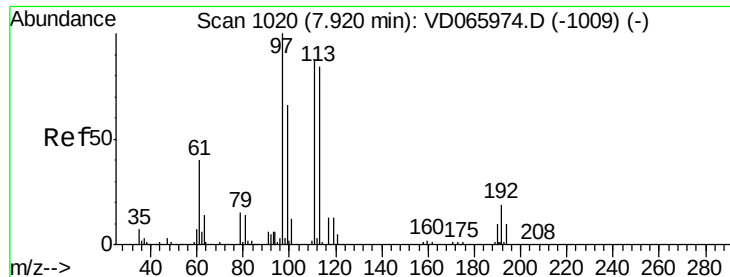
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	522365		
63	18.8	0.0	39.6	
88	15.7	0.0	31.2	





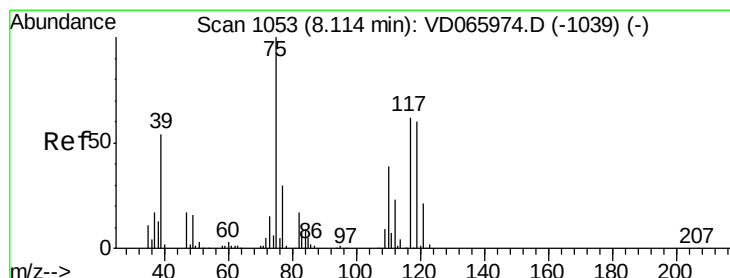
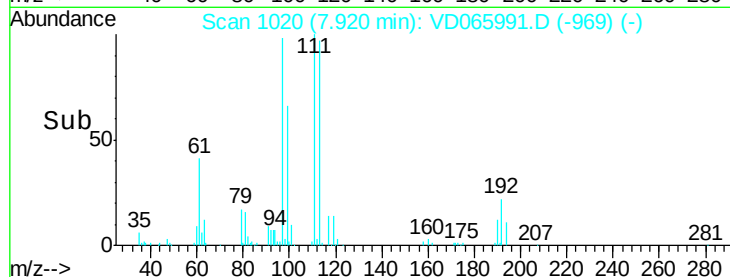
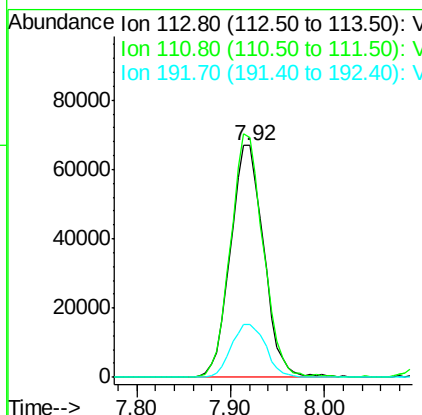
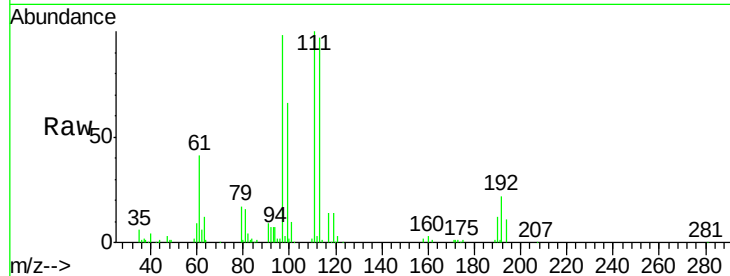
#35
 Dibromofluoromethane
 Concen: 51.942 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.2	124.8
192	23.7	18.7	28.1

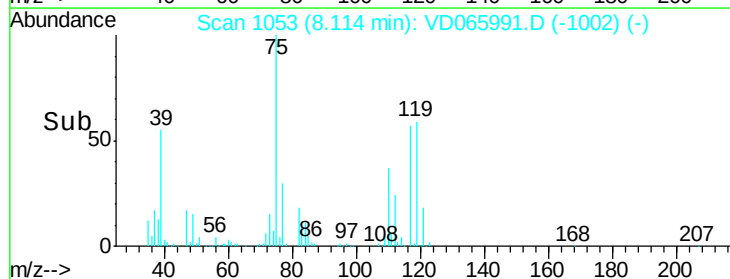
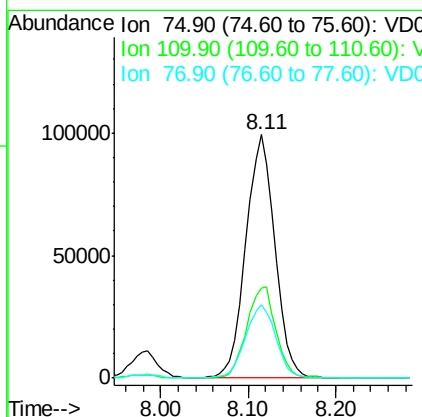
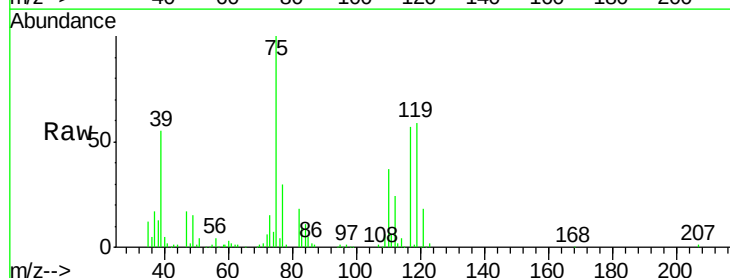
Manual Integrations
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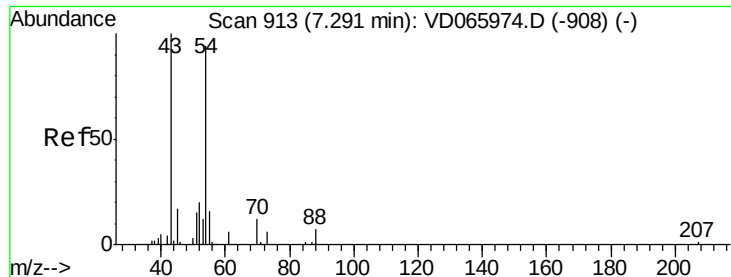
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#36
 1,1-Dichloropropene
 Concen: 49.994 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.5	58.5
77	31.5	24.7	37.1





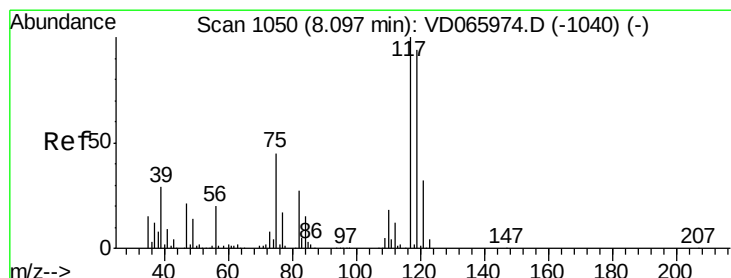
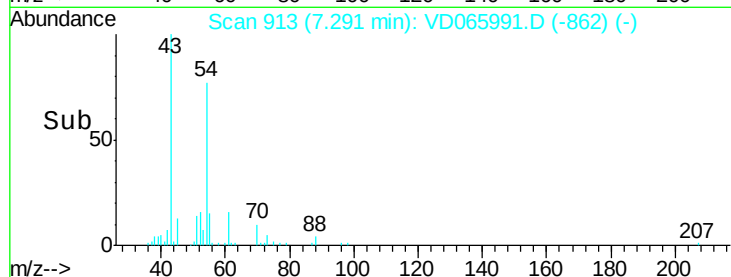
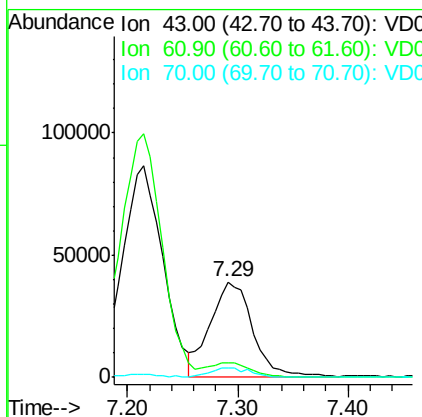
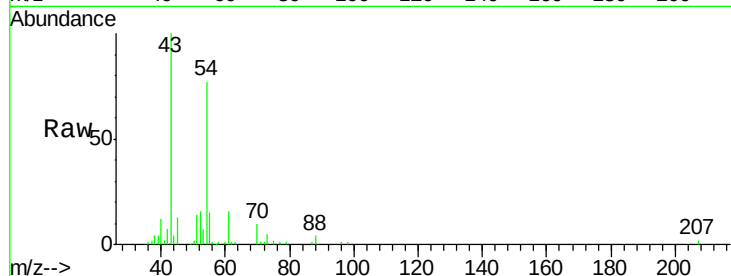
#37
Ethyl Acetate
Concen: 60.215 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.0
70	10.1	9.3	13.9

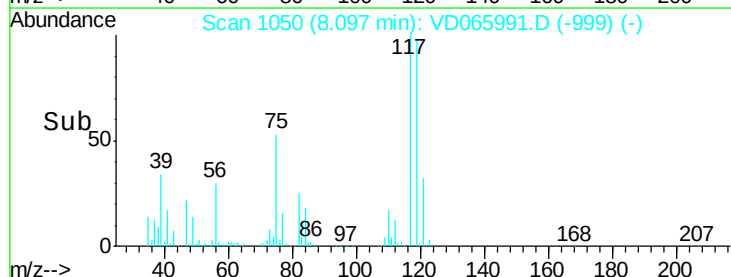
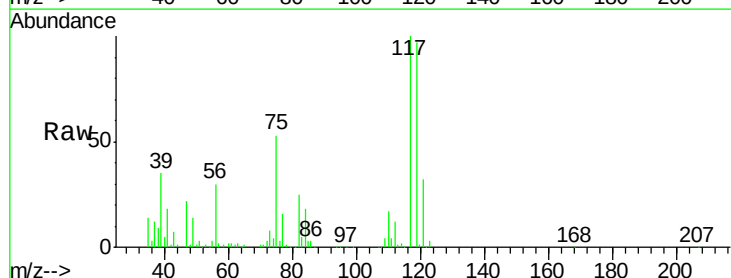
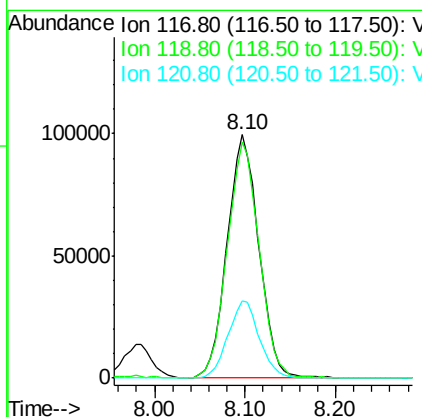
Manual Integrations
APPROVED

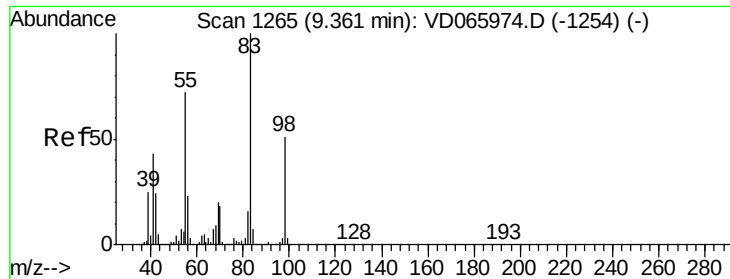
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.498 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.0	112.6
121	32.0	25.5	38.3





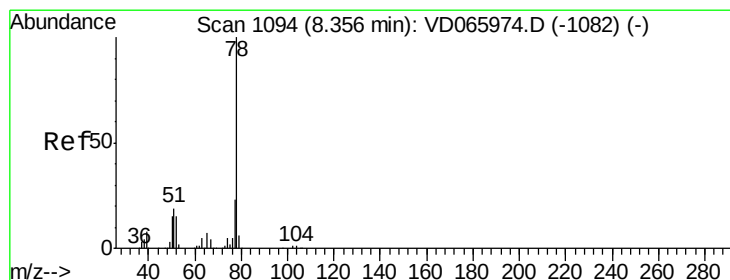
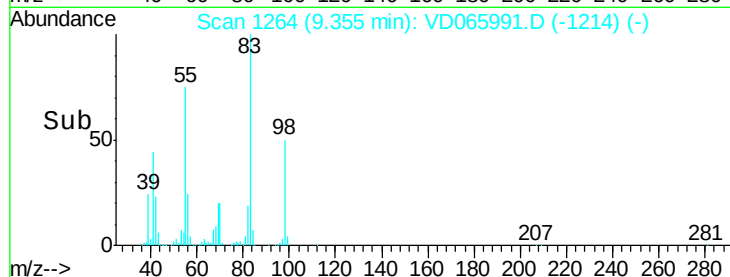
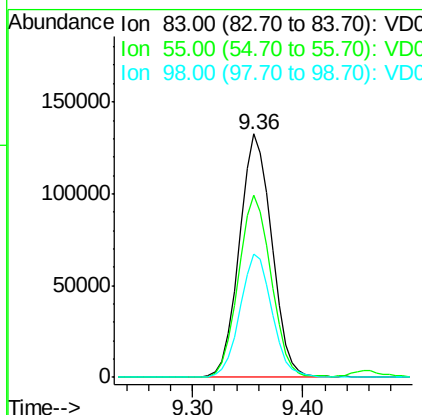
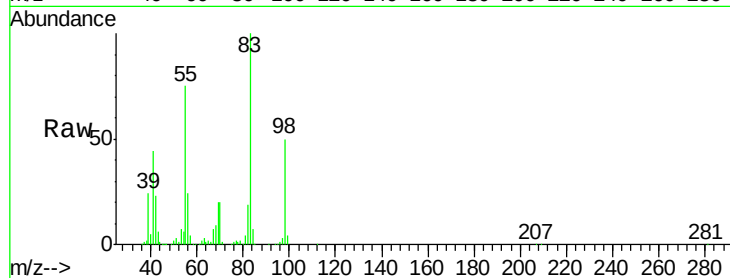
#39
Methylvlcyclohexane
Concen: 50.954 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	57.3	85.9
98	50.4	41.0	61.6

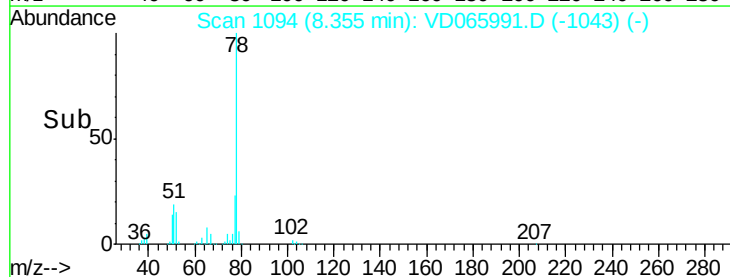
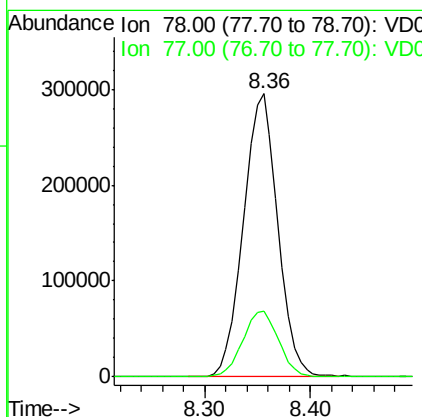
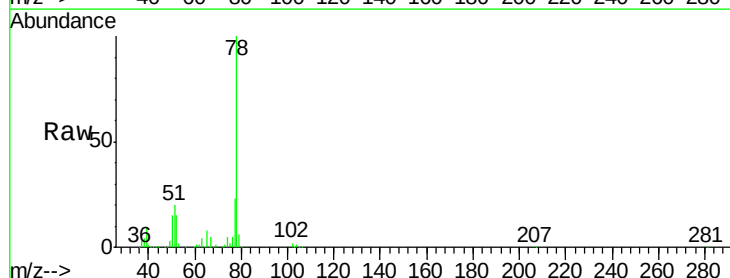
Manual Integrations
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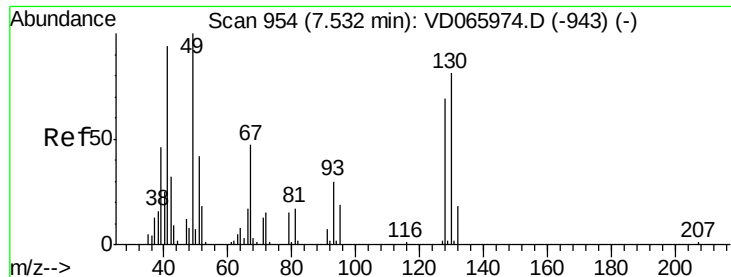
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#40
Benzene
Concen: 53.483 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





#41

Methacrylonitrile

Concen: 52.740 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 51439

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

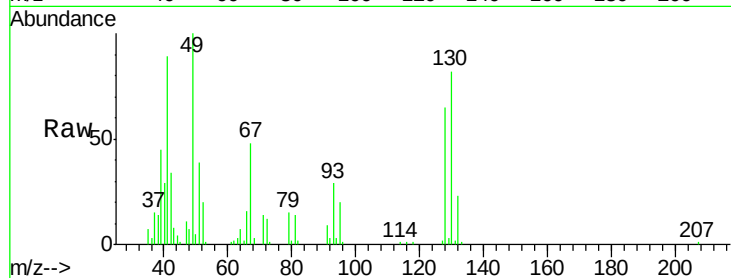
52 0.0 0.0 0.0

Manual Integrations

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MMDadoda

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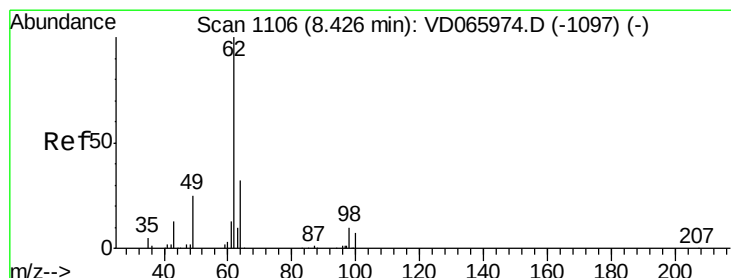
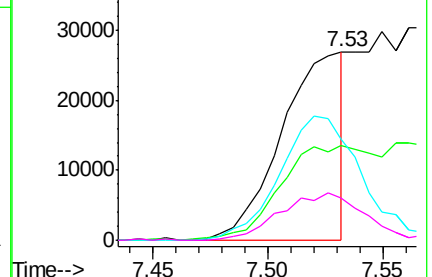
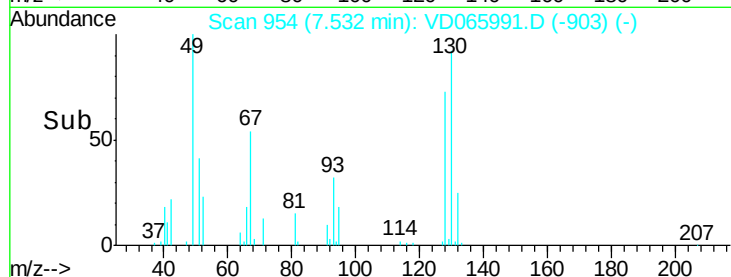


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 56.239 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065991.D

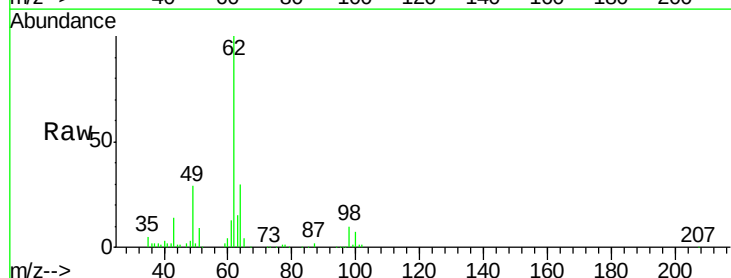
Acq: 21 Jul 2020 20:18

Tgt Ion: 62 Resp: 192209

Ion Ratio Lower Upper

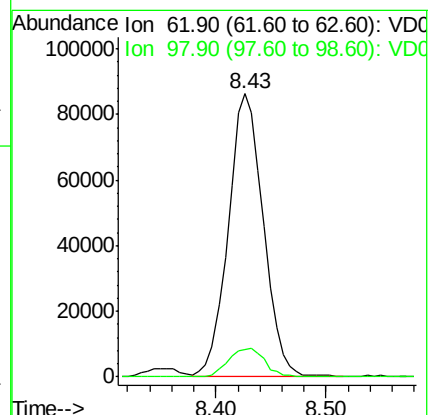
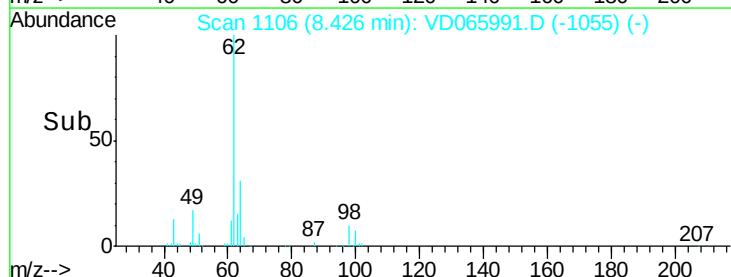
62 100

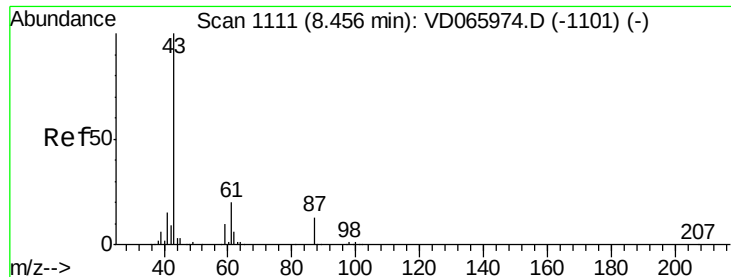
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 58.678 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

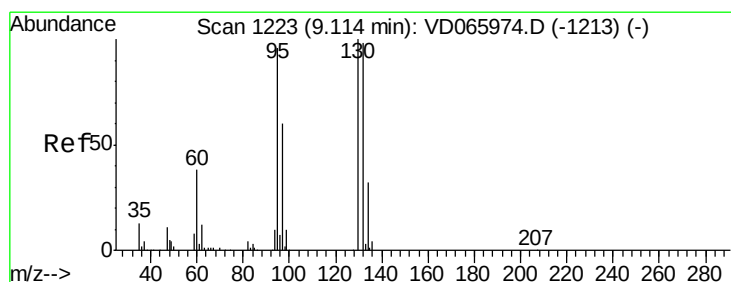
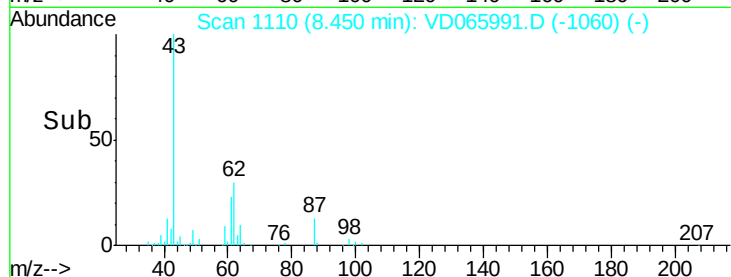
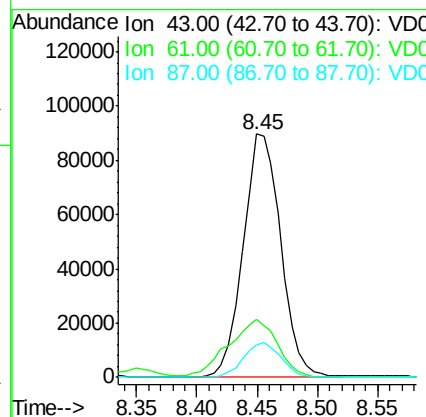
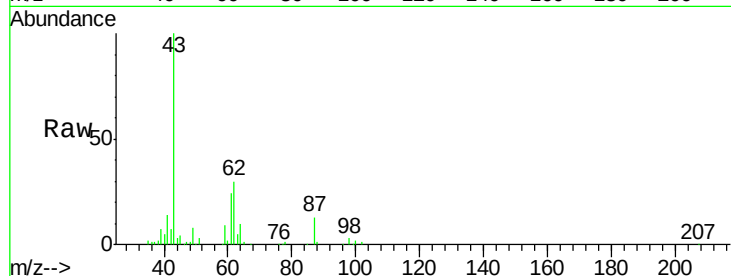
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	195125
Ion Ratio		Lower	Upper
43	100		
61	31.2	25.8	38.8
87	14.1	10.9	16.3

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#44

Trichloroethene

Concen: 51.963 ug/l

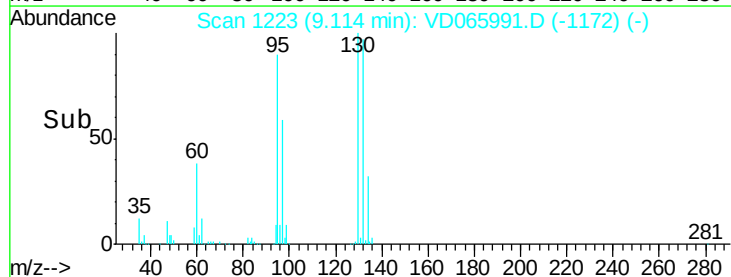
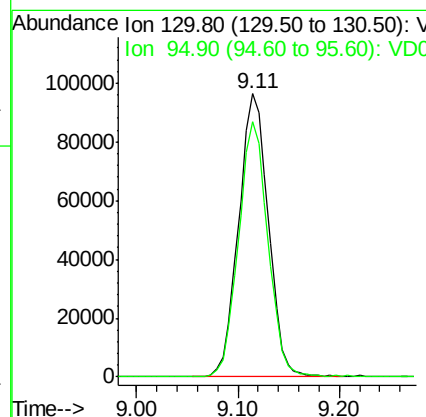
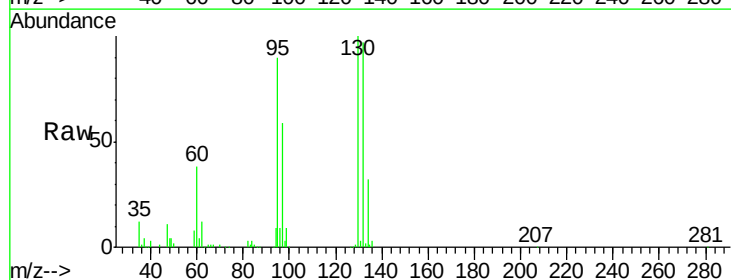
RT: 9.11 min Scan# 1223

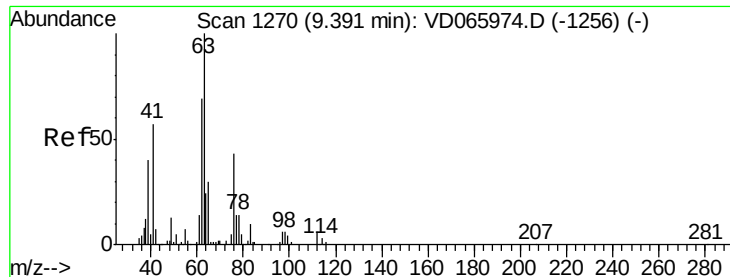
Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Tgt Ion:	130	Resp:	196122
Ion Ratio		Lower	Upper
130	100		
95	90.4	0.0	191.6





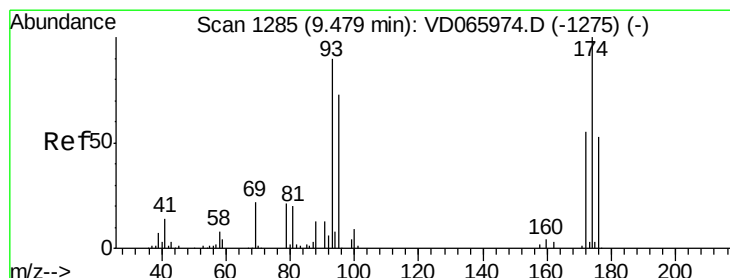
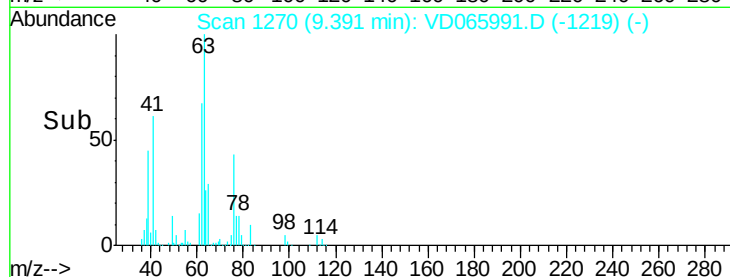
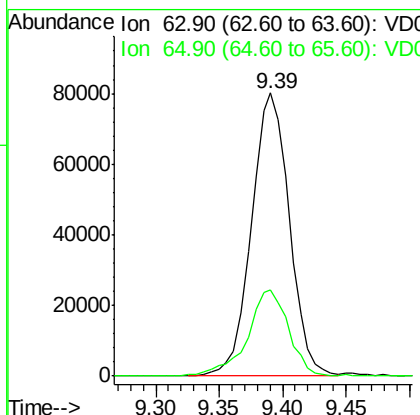
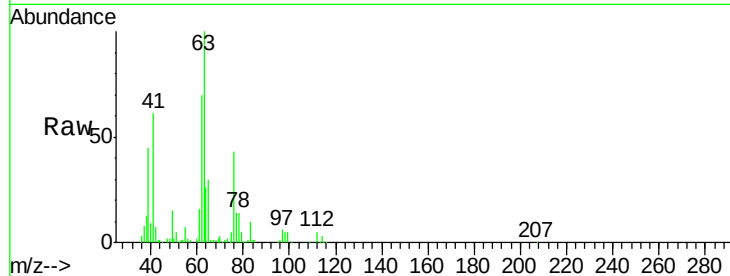
#45
 1,2-Dichloropropane
 Concen: 55.233 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 166842
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.0 36.0

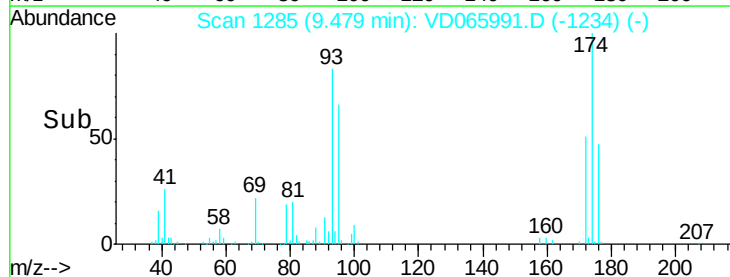
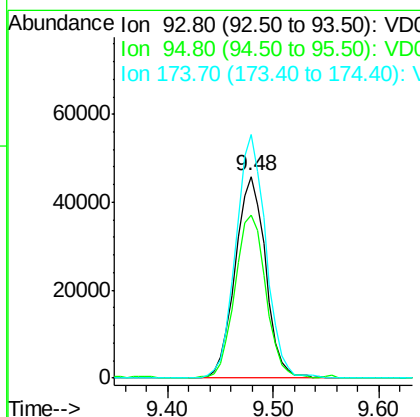
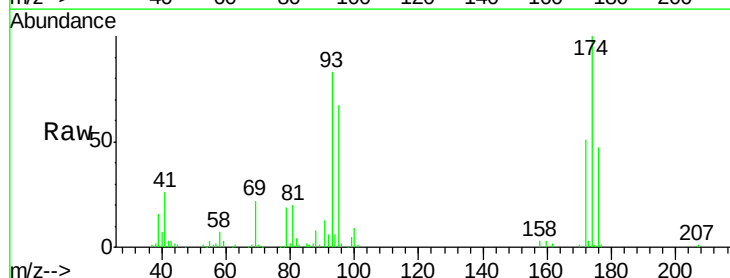
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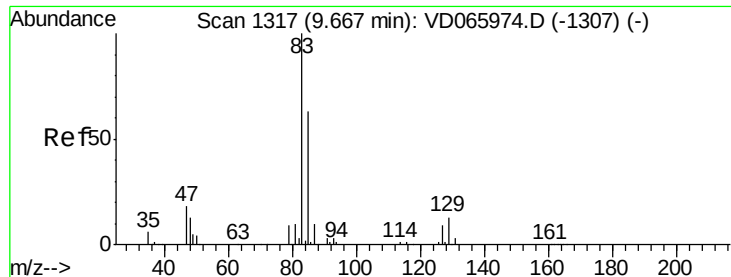
MMDadoda
 7/22/2020 2:44:36 PM



#46
 Dibromomethane
 Concen: 56.161 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion: 93 Resp: 91326
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 119.2 91.5 137.3





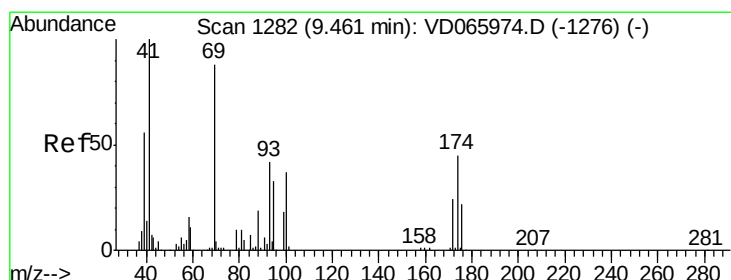
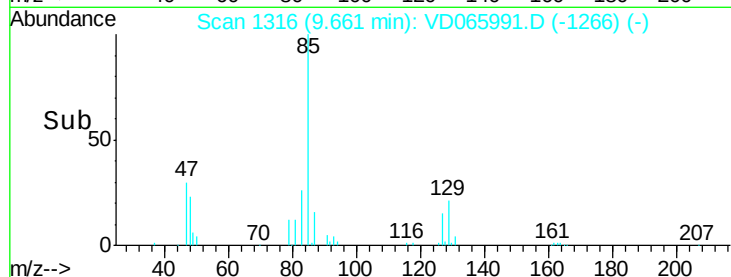
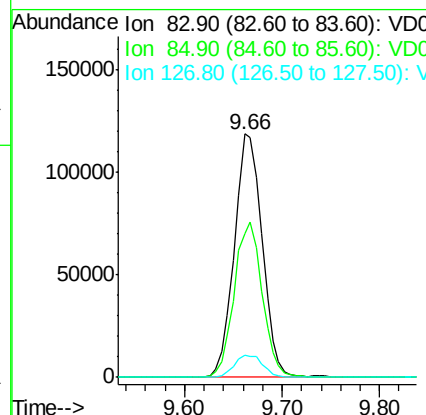
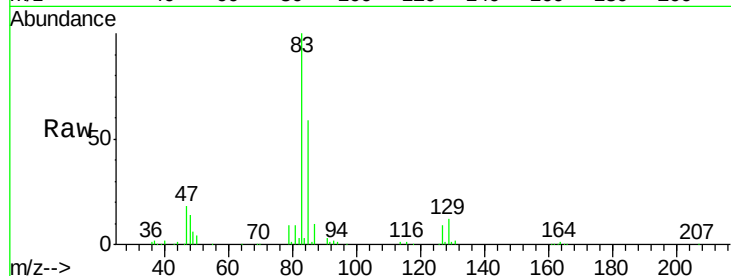
#47
Bromodichloromethane
Concen: 55.013 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	58.8	50.6	75.8
127	9.0	7.1	10.7

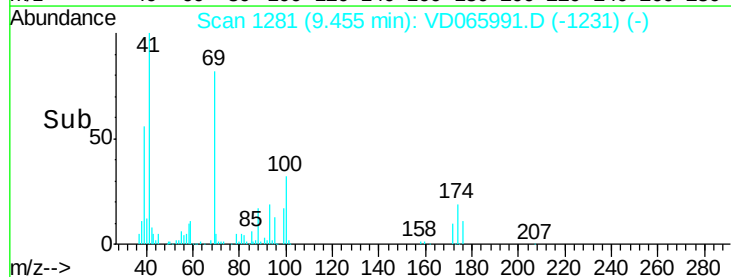
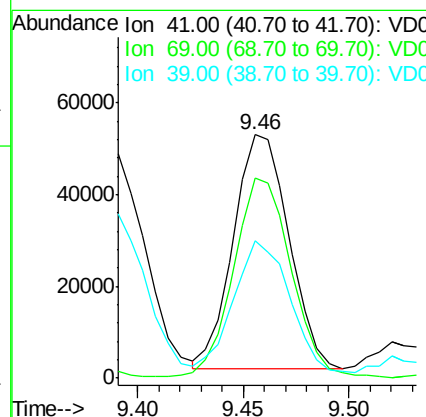
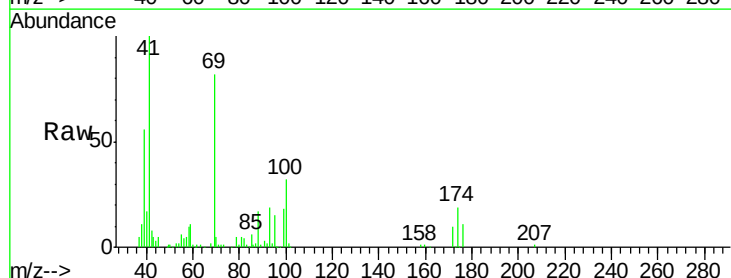
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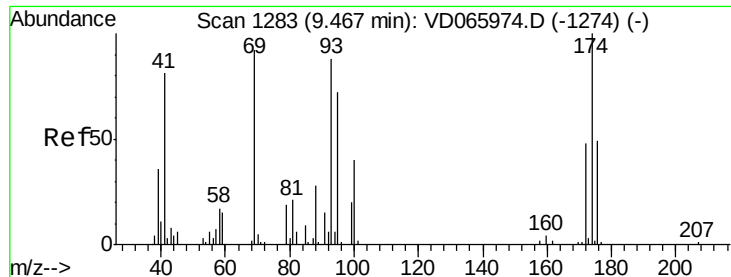
MMDadoda
7/22/2020 2:44:36 PM



#48
Methyl methacrylate
Concen: 55.364 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.1	65.1	97.7
39	57.2	41.5	62.3





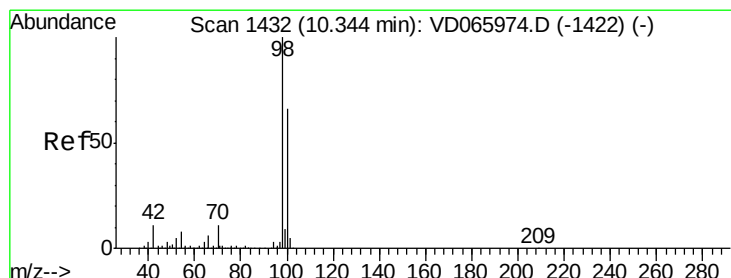
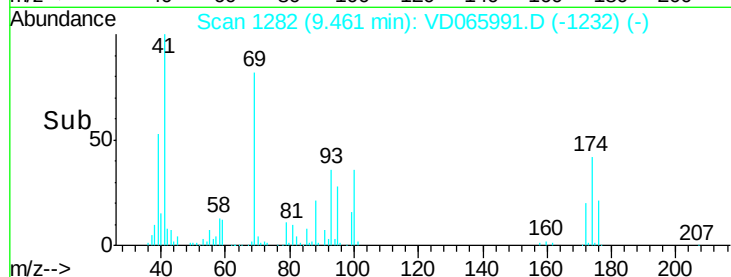
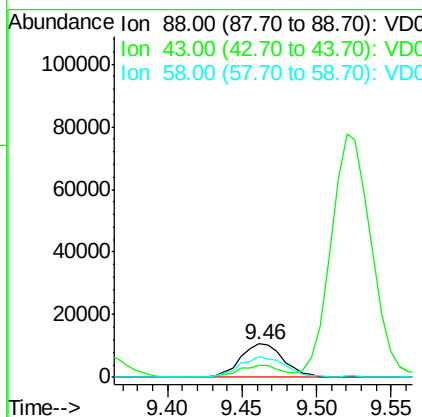
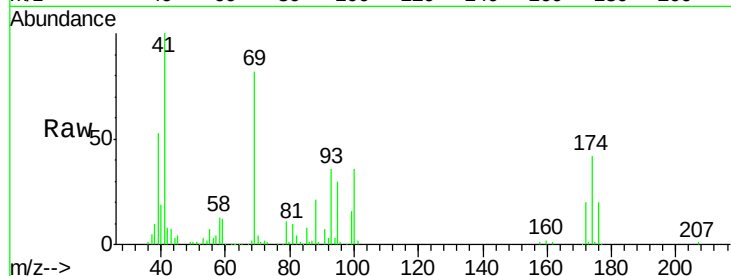
#49
1,4-Dioxane
Concen: 1142.377 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	36.3	29.0	43.6	
58	67.9	57.0	85.4	

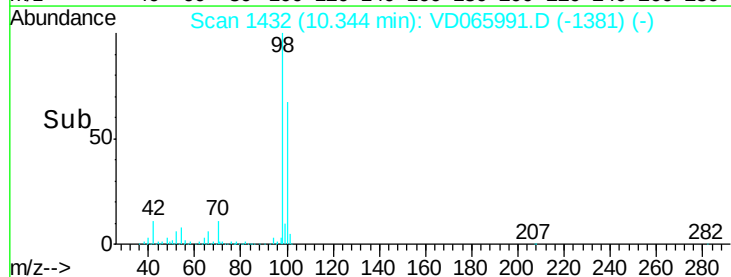
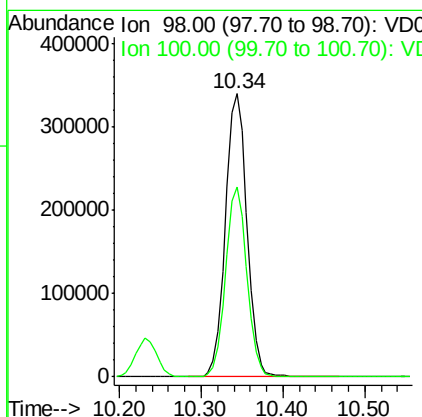
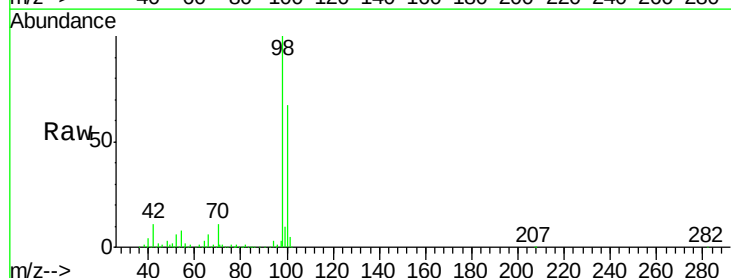
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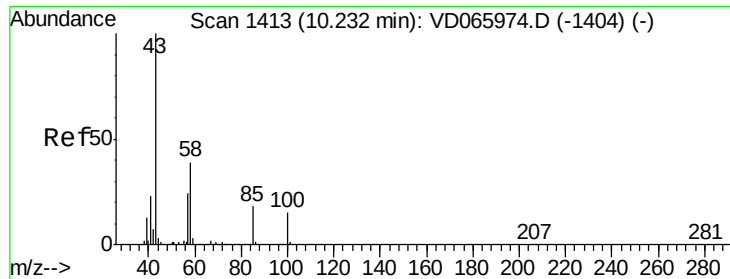
MMDadoda
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#50
Toluene-d8
Concen: 52.716 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.1	52.7	79.1	





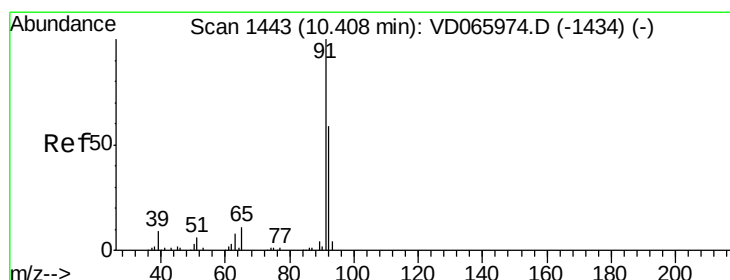
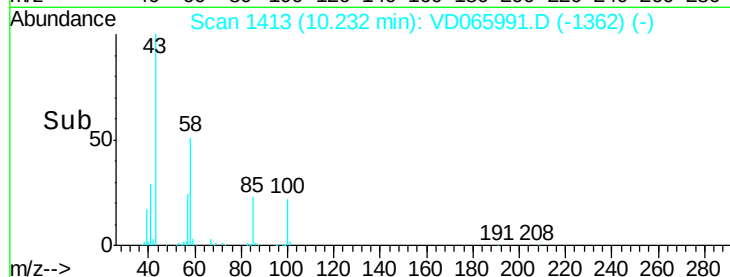
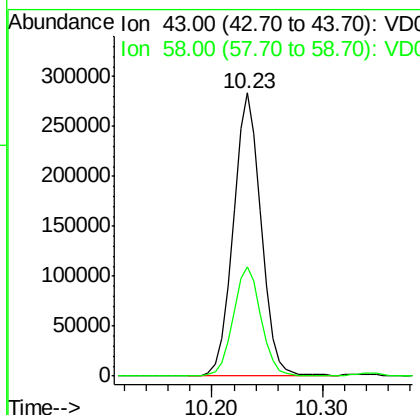
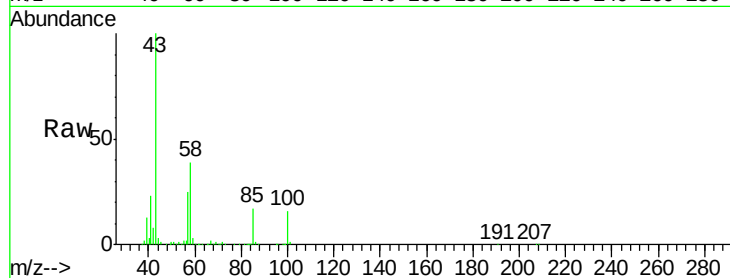
#51
4-Methyl-2-Pentanone
Concen: 298.490 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 500119
Ion Ratio Lower Upper
43 100
58 38.8 31.3 46.9

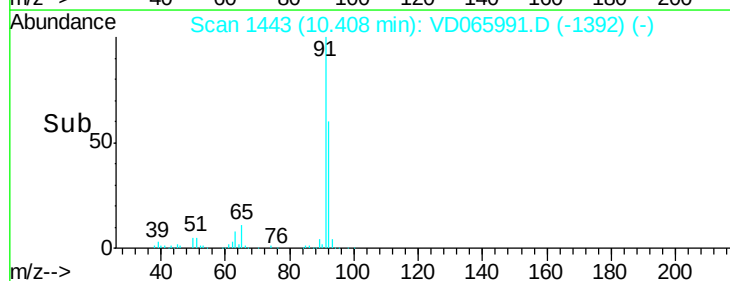
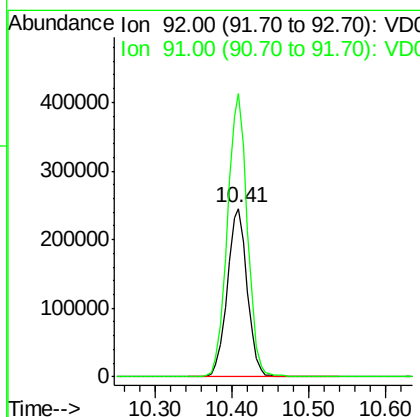
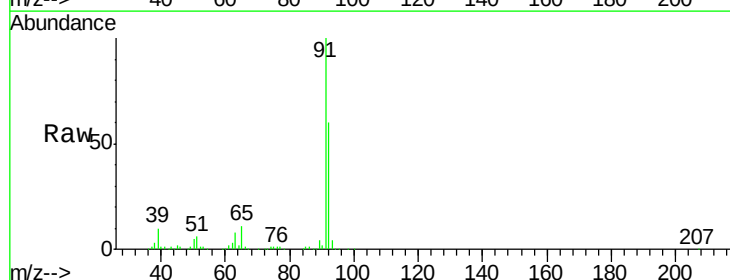
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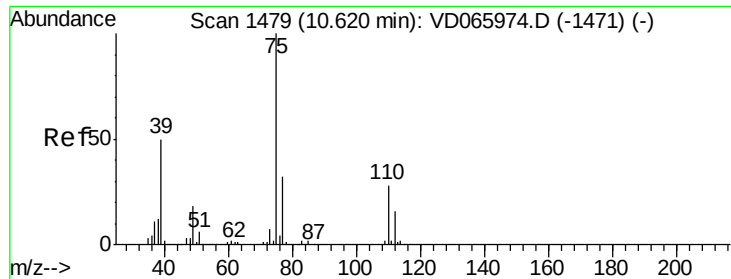
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#52
Toluene
Concen: 54.337 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion: 92 Resp: 441964
Ion Ratio Lower Upper
92 100
91 168.7 134.5 201.7





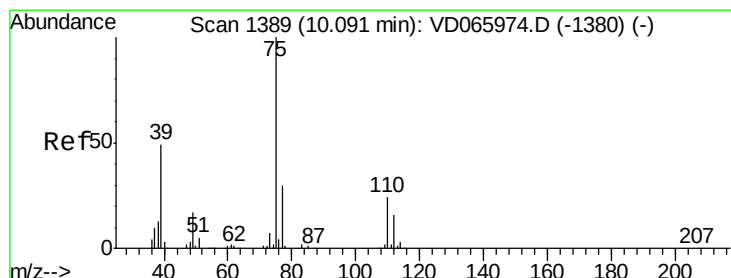
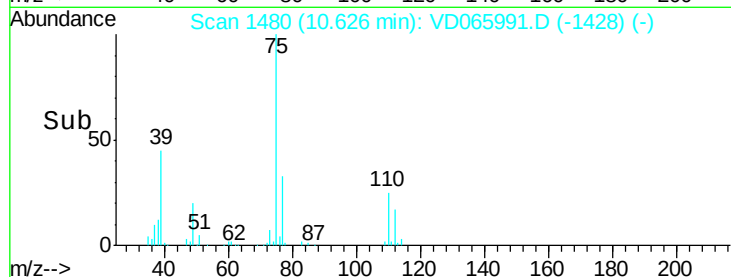
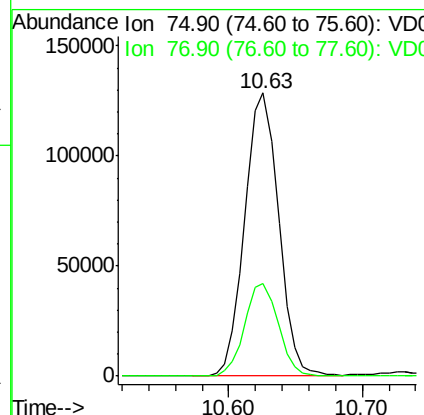
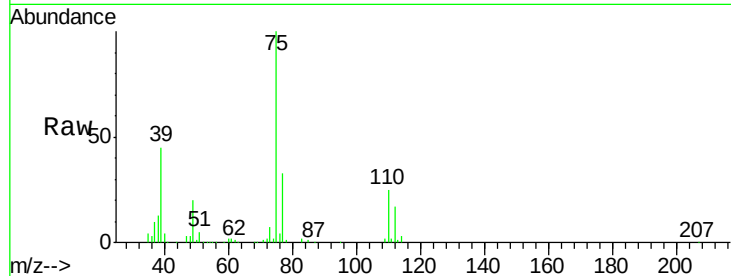
#53
 t-1,3-Dichloropropene
 Concen: 56.467 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 226193
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.6

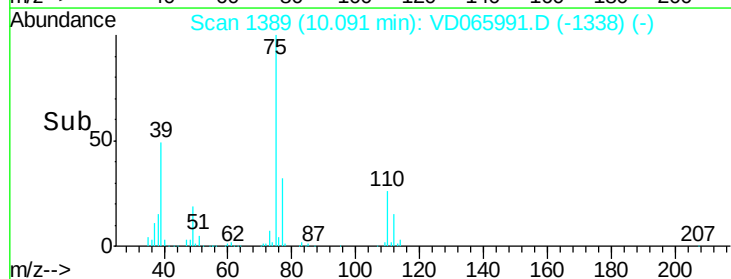
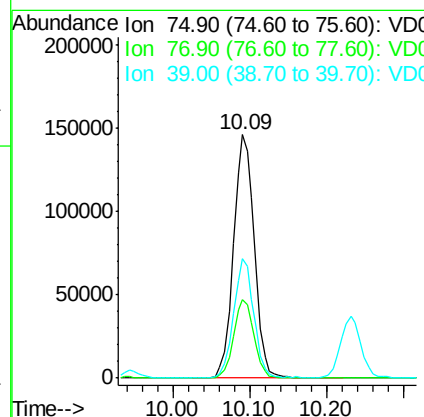
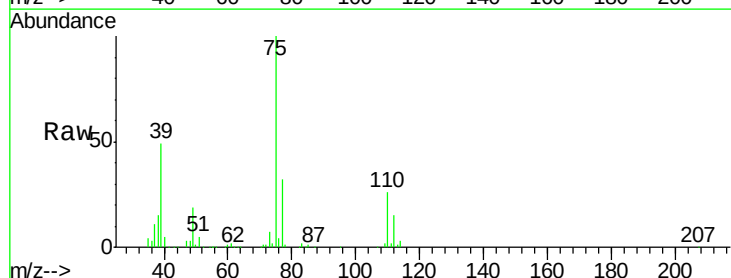
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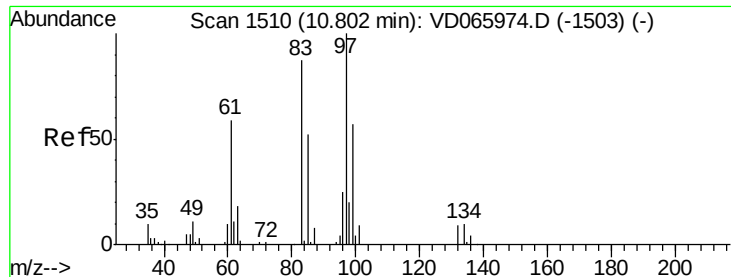
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#54
 cis-1,3-Dichloropropene
 Concen: 56.455 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion: 75 Resp: 274128
 Ion Ratio Lower Upper
 75 100
 77 32.1 23.8 35.8
 39 49.1 38.8 58.2





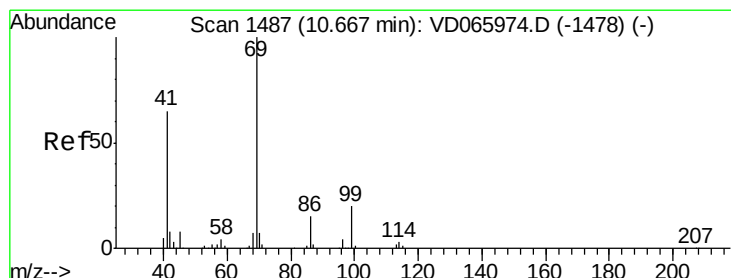
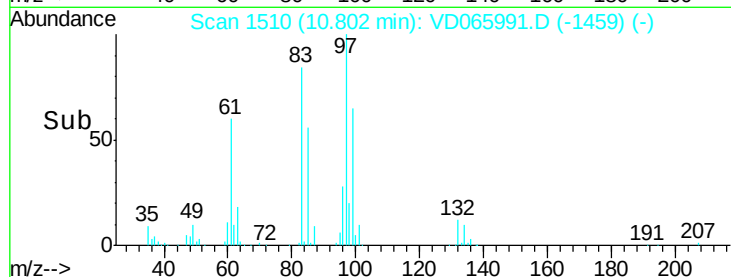
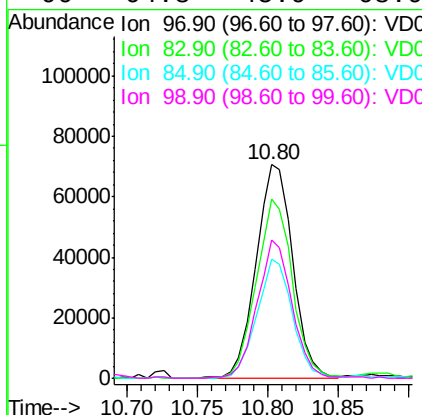
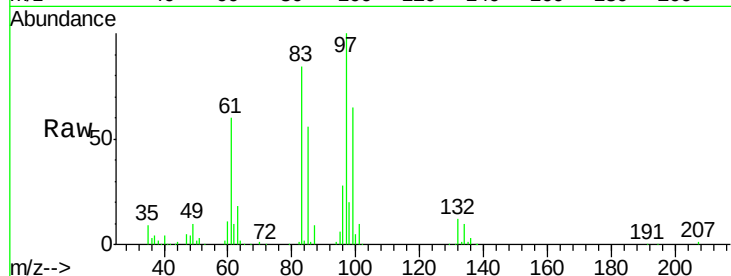
#55
1,1,2-Trichloroethane
Concen: 55.874 ug/l
RT: 10.80 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	128861
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.7	104.5
85	55.8	41.6	62.4
99	64.8	45.9	68.9

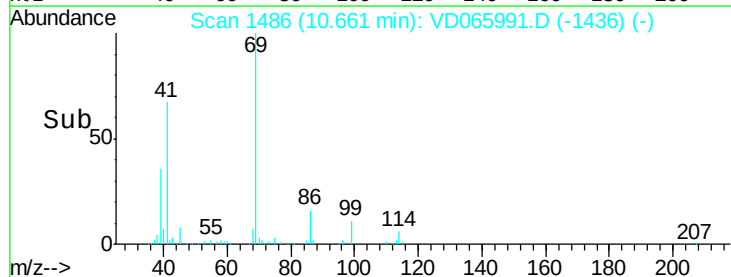
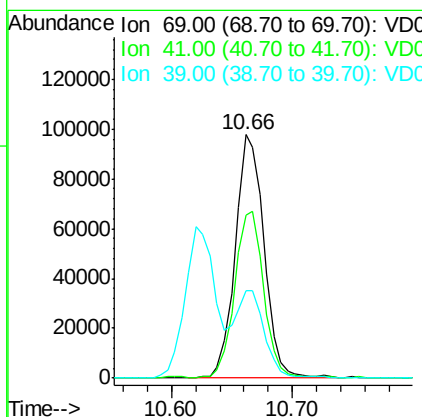
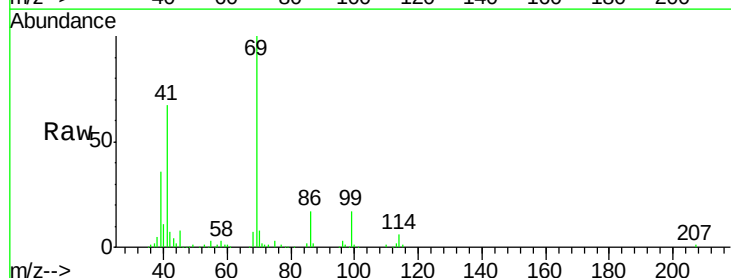
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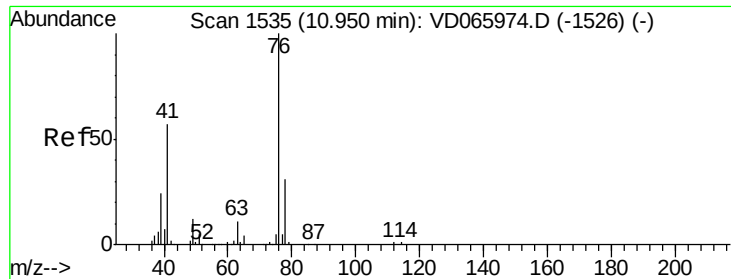
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#56
Ethyl methacrylate
Concen: 60.634 ug/l
RT: 10.66 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion:	69	Resp:	162584
Ion	Ratio	Lower	Upper
69	100		
41	68.6	52.3	78.5
39	32.5	25.2	37.8





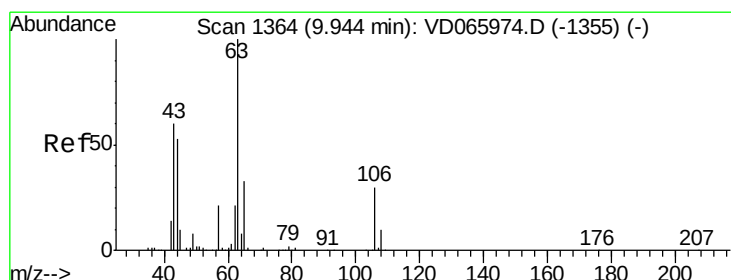
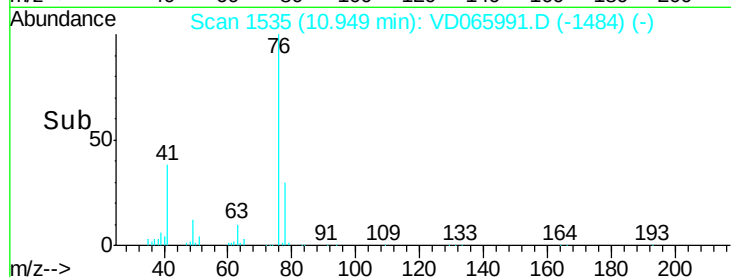
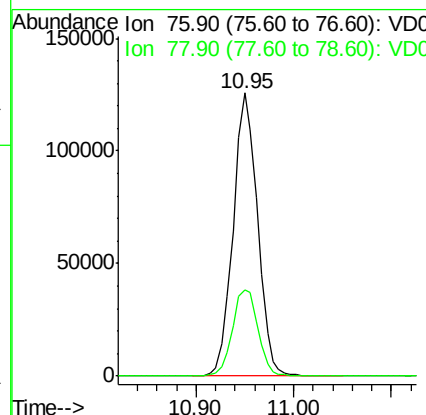
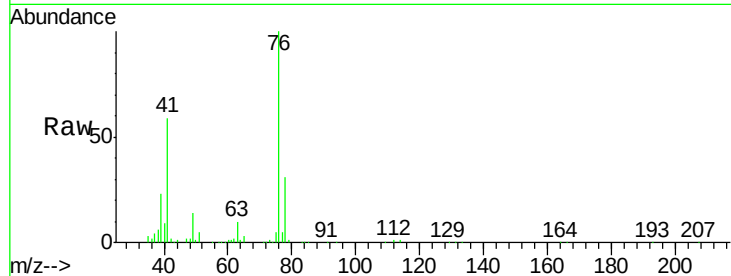
#57
 1,3-Dichloropropane
 Concen: 57.190 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 218345
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

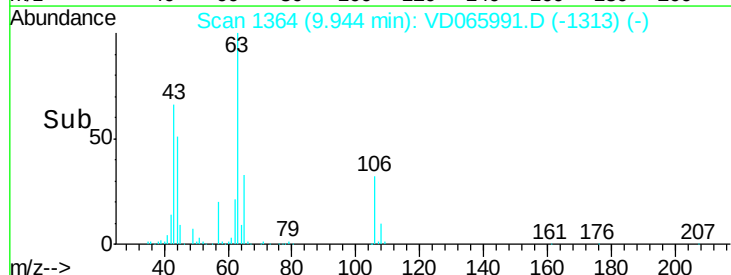
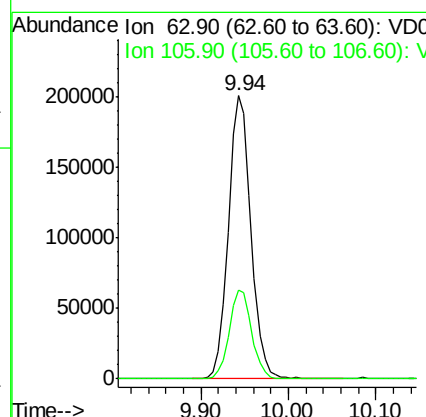
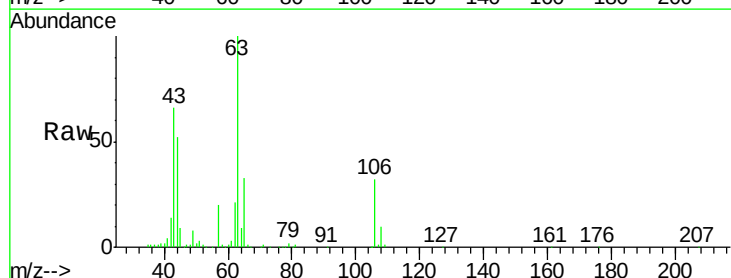
Manual Integrations
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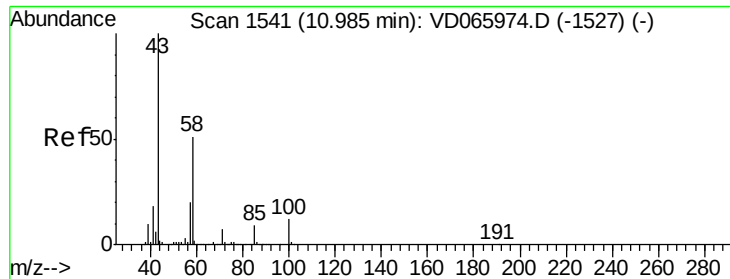
MMDadoda
 7/22/2020 2:44:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.204 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion: 63 Resp: 356355
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.4 36.6





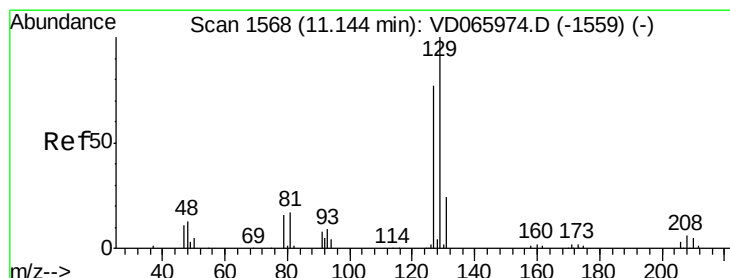
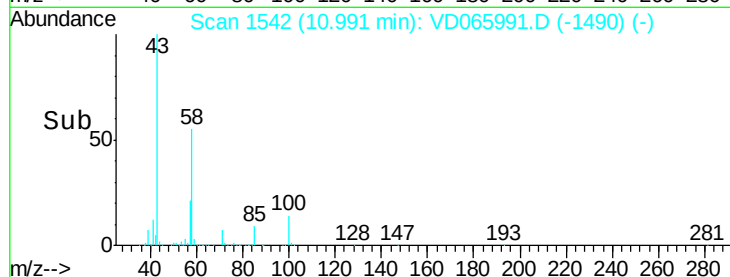
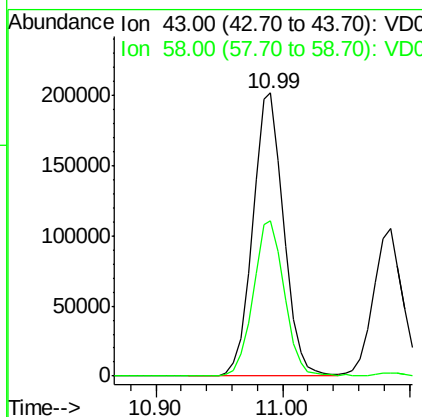
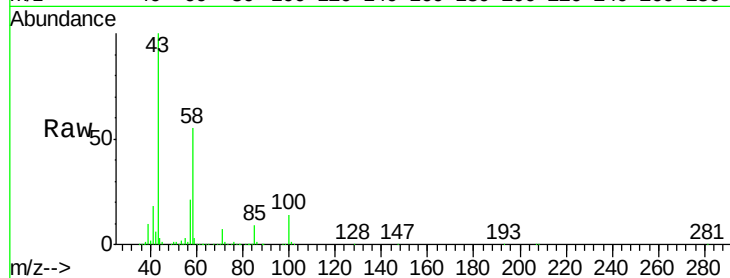
#59
2-Hexanone
Concen: 295.307 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 342880
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.6

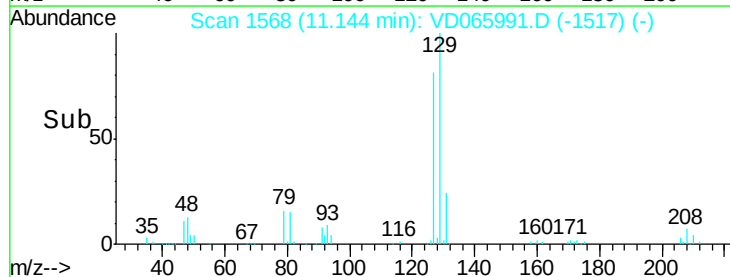
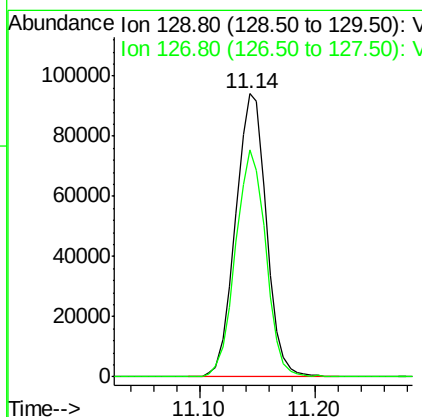
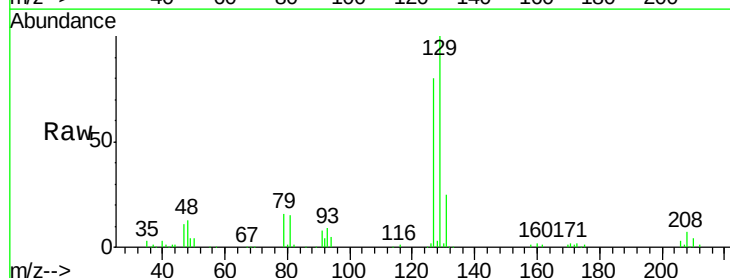
Manual Integrations
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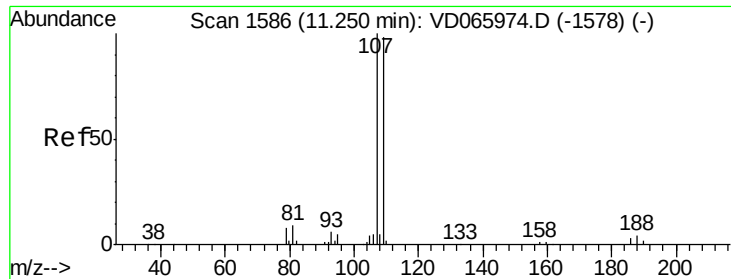
MMDadoda
7/22/2020 2:44:36 PM



#60
Dibromochloromethane
Concen: 55.889 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion: 129 Resp: 173791
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.7





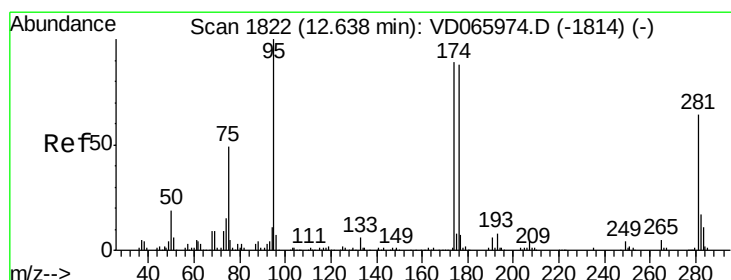
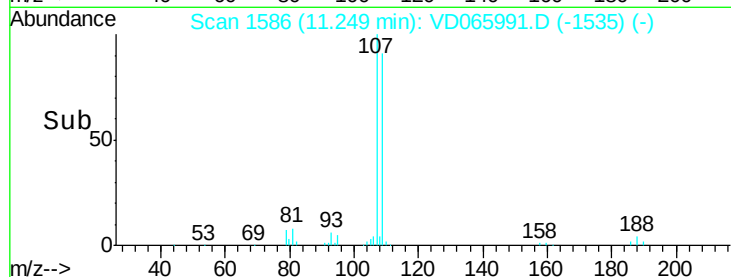
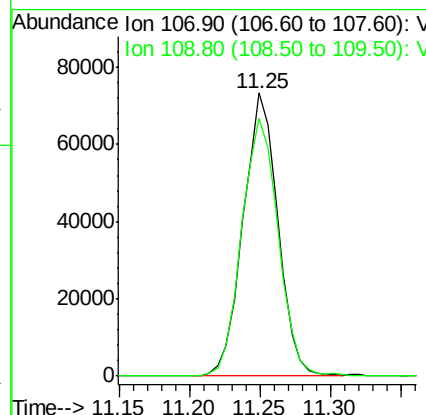
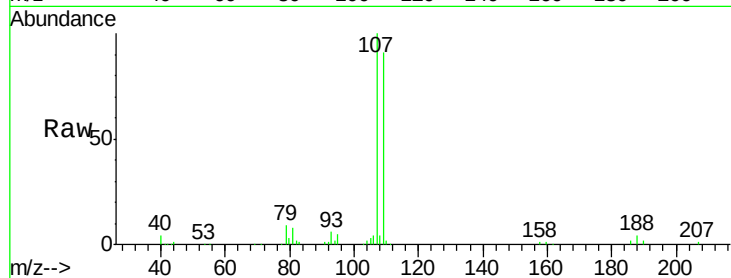
#61
 1,2-Dibromoethane
 Concen: 56.810 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.0	112.4

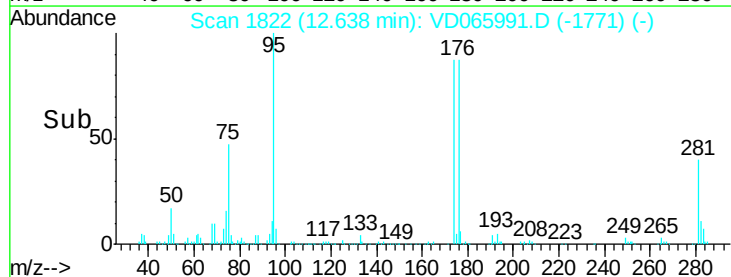
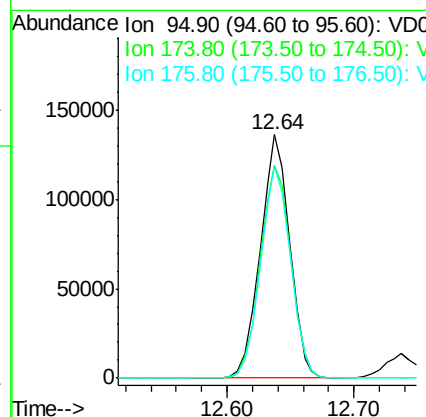
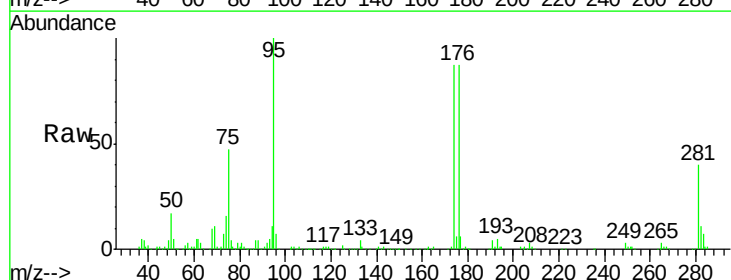
Manual Integrations
 APPROVED

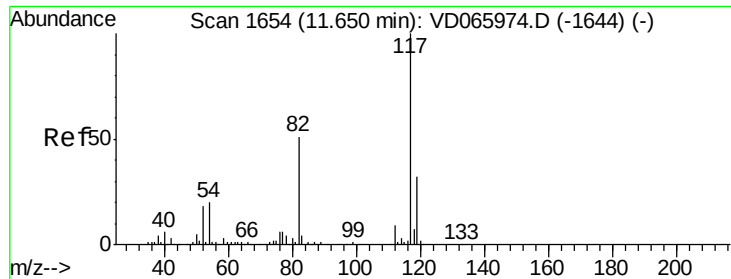
MMDadoda
 7/22/2020 2:44:36 PM



#62
 4-Bromofluorobenzene
 Concen: 53.804 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	178.8
176	88.5	0.0	172.6





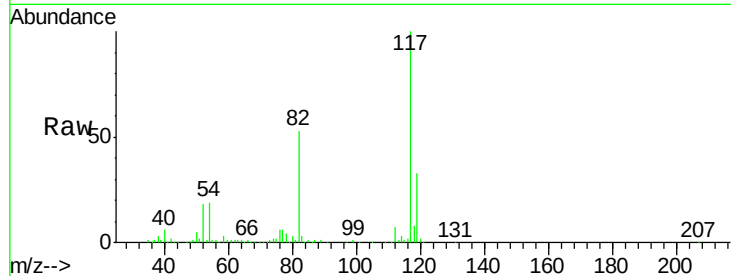
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	494050		
82	53.3		41.1	61.7
119	33.0		25.9	38.9

Manual Integrations
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7/22/2020 2:44:36 PM

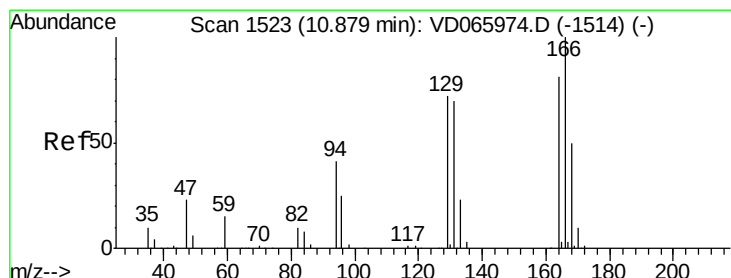
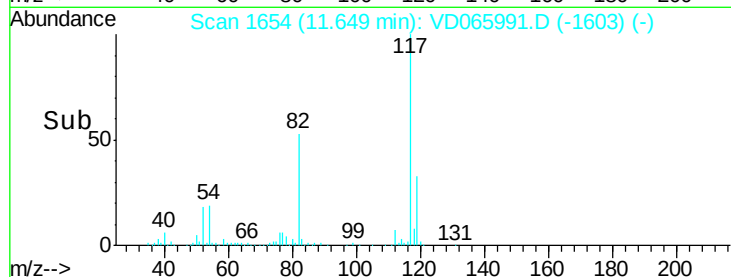
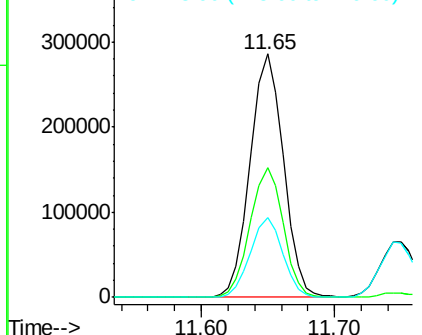


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.381 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172296		
166	122.2		99.1	148.7
129	85.1		71.5	107.3
131	81.1		69.8	104.6

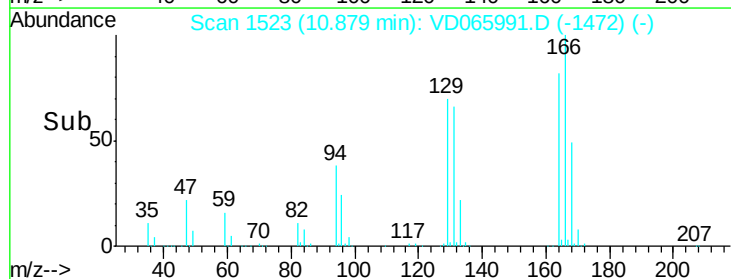
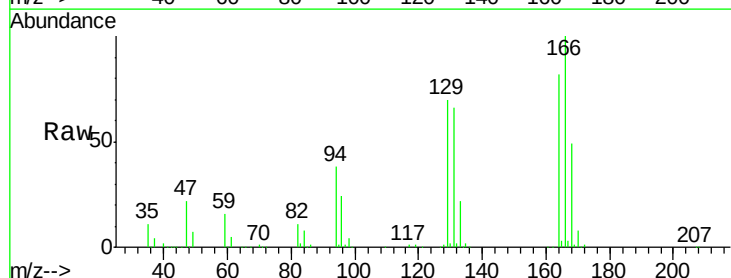
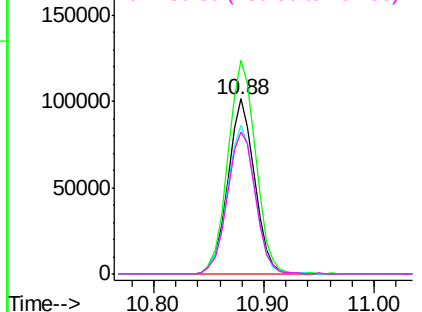
Abundance

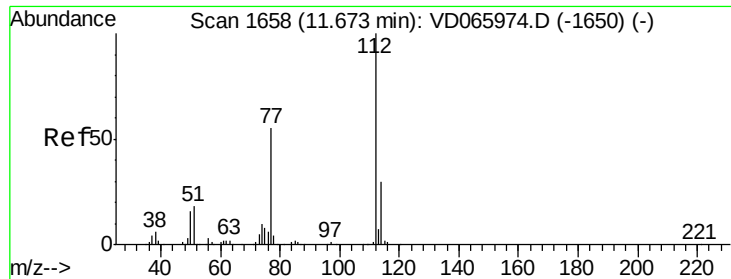
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





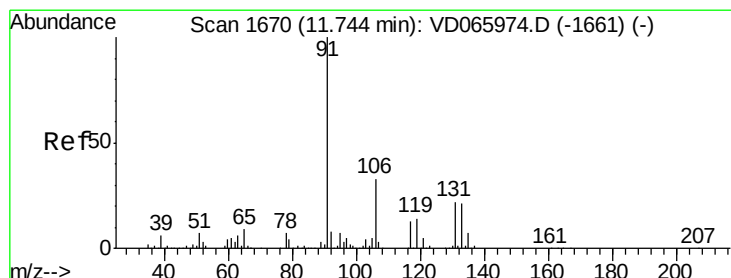
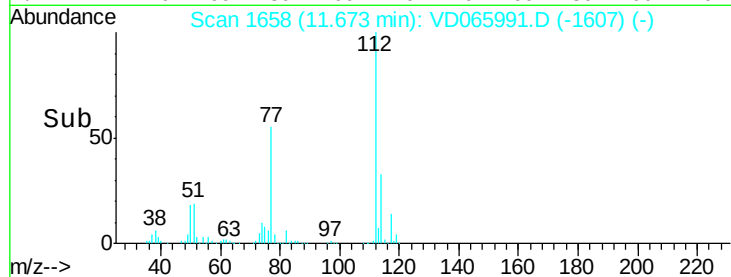
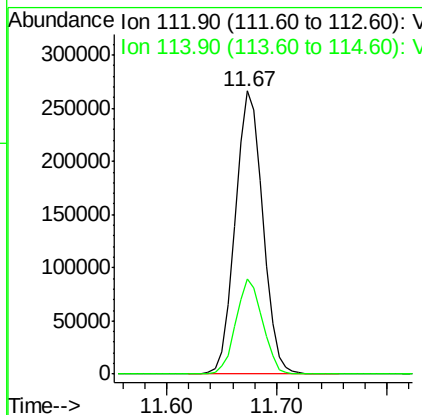
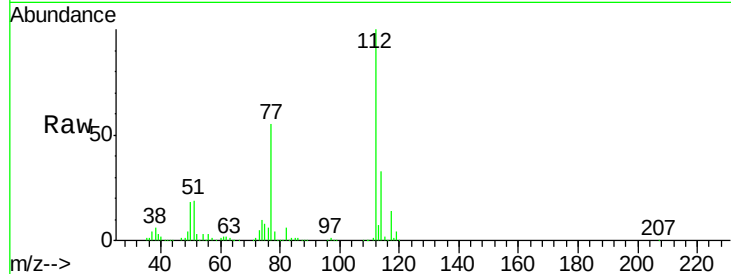
#65
Chlorobenzene
Concen: 51.645 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	24.4	36.6

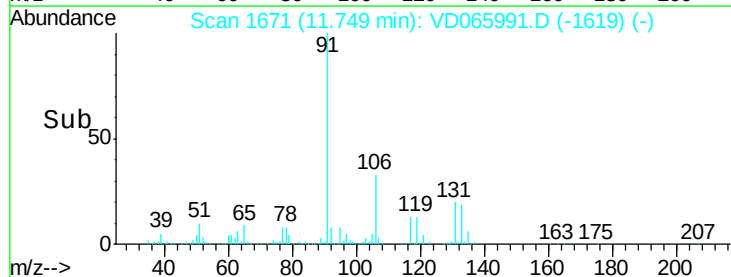
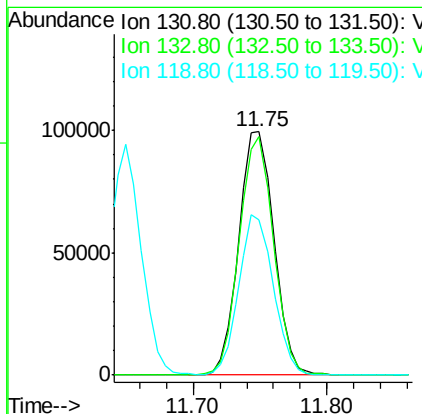
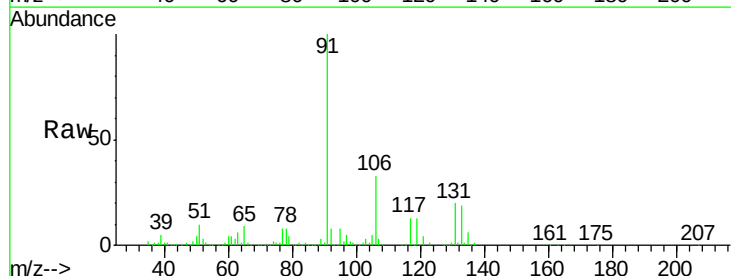
Manual Integrations
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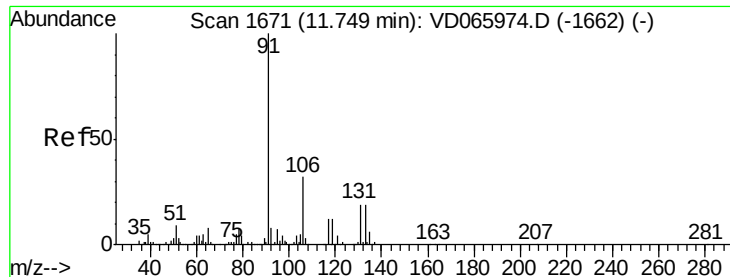
MMDadoda
7/22/2020 2:44:36 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.509 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	142.0
119	64.7	31.7	95.1





#67

Ethyl Benzene

Concen: 52.678 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 820040

Ion Ratio Lower Upper

91 100

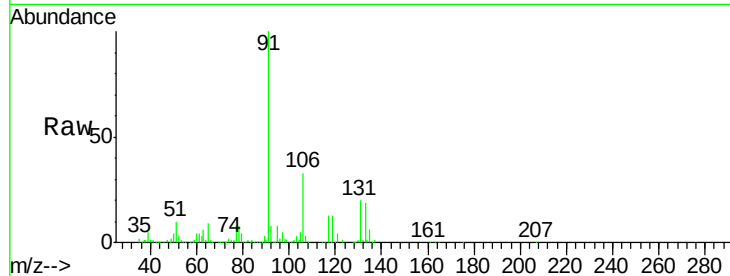
106 32.6 25.7 38.5

Manual Integrations

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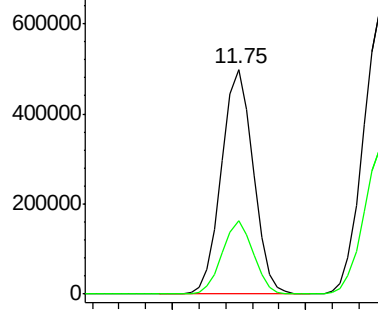
MMDadoda

7/22/2020 2:44:36 PM

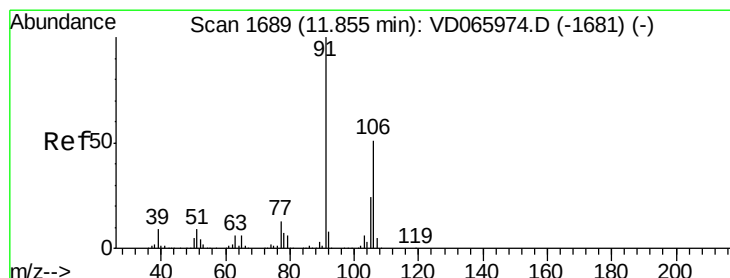
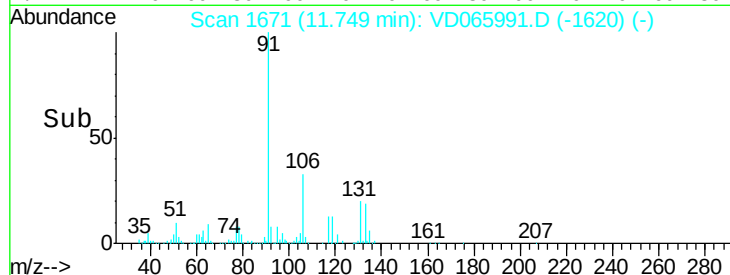


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 105.802 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065991.D

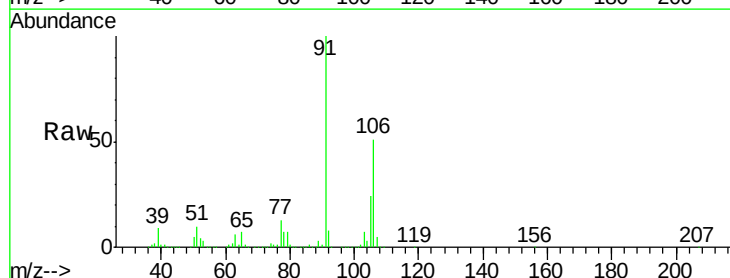
Acq: 21 Jul 2020 20:18

Tgt Ion: 106 Resp: 633051

Ion Ratio Lower Upper

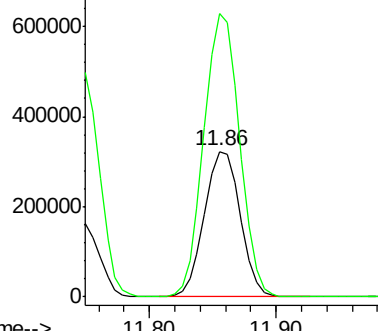
106 100

91 193.9 157.0 235.6

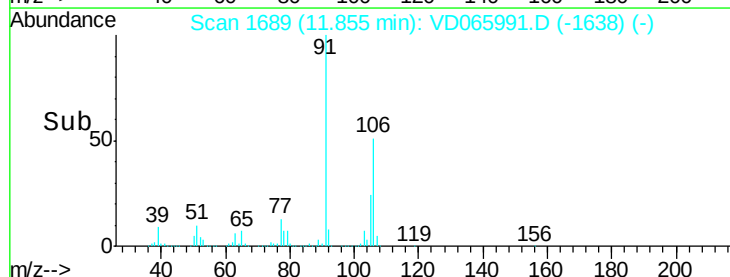


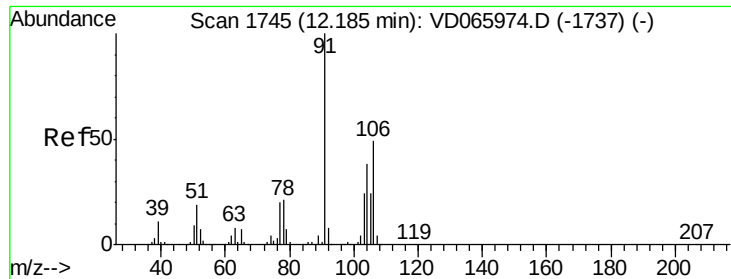
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





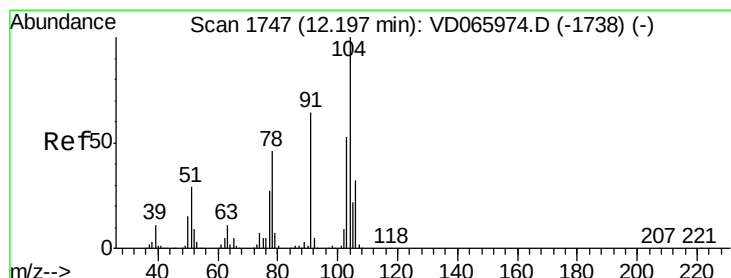
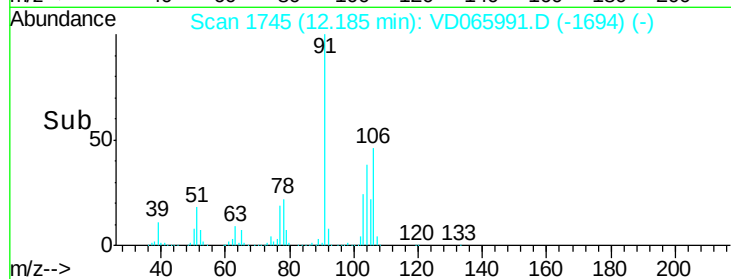
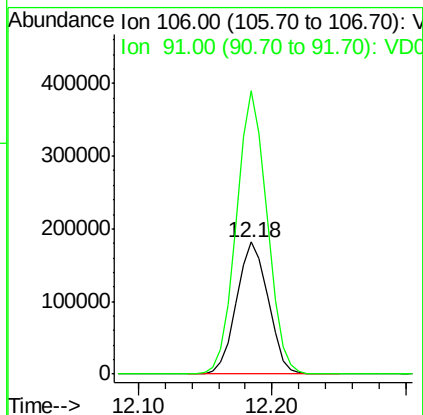
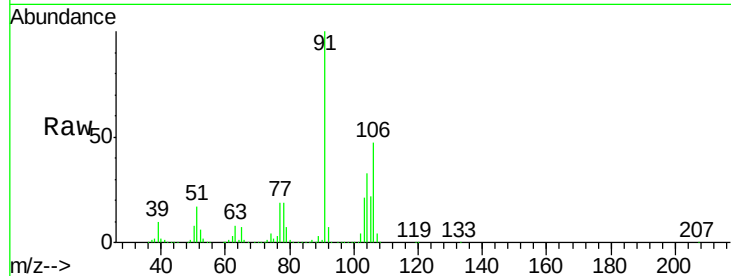
#69
o-Xylene
Concen: 54.771 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		298064		
91	208.8	103.1	309.3		

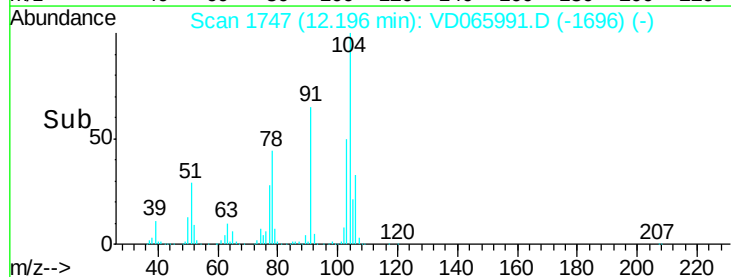
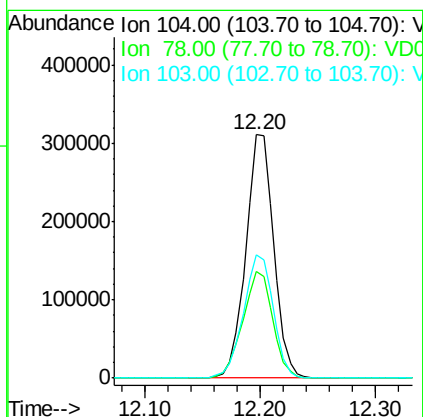
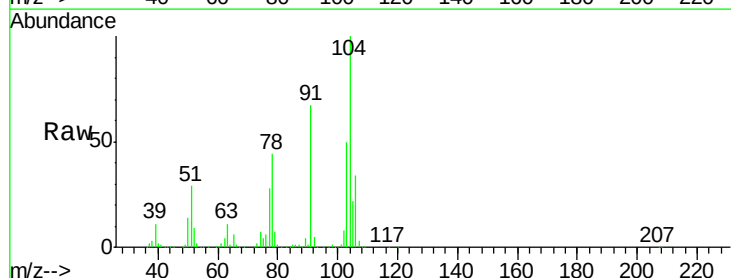
Manual Integrations
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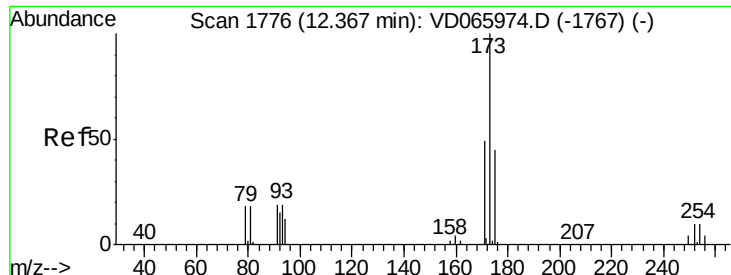
MMDadoda
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#70
Styrene
Concen: 56.000 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		523617		
78	46.7	38.3	57.5		
103	53.9	43.8	65.8		





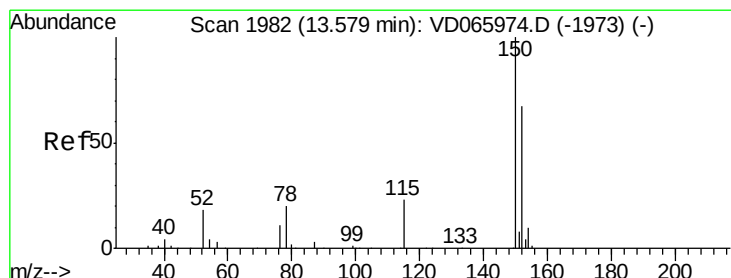
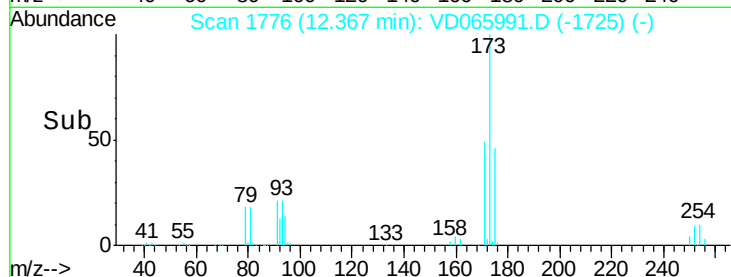
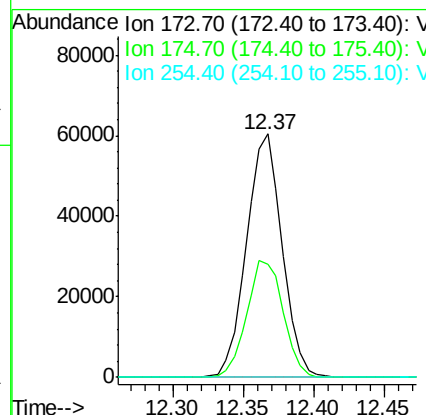
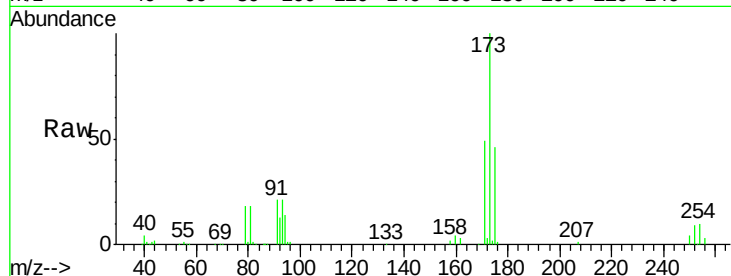
#71
Bromoform
Concen: 54.530 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.1	72.3
254	0.0	0.0	0.0

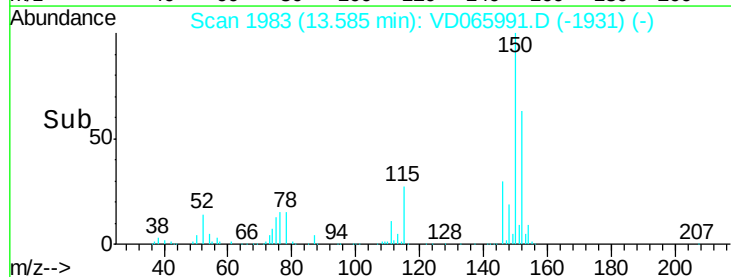
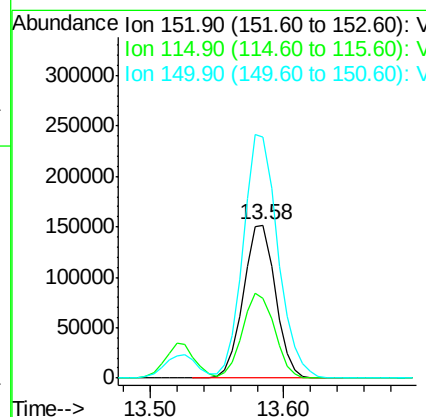
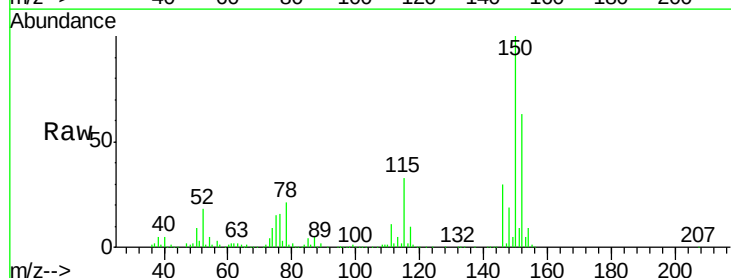
Manual Integrations
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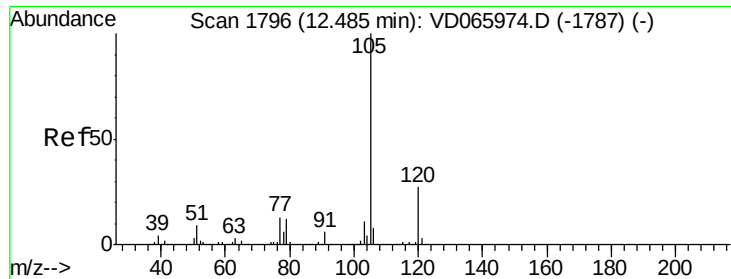
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.9	83.7
150	172.8	0.0	348.2





#73

Isopropylbenzene

Concen: 52.089 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 794591

Ion Ratio Lower Upper

105 100

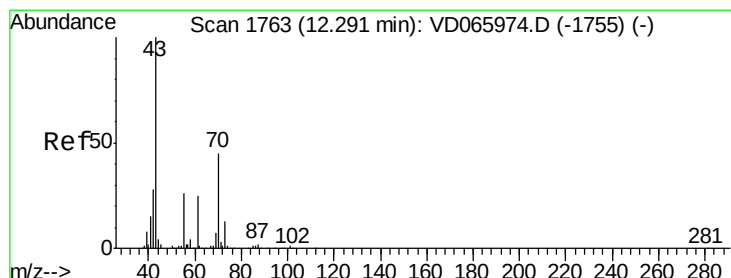
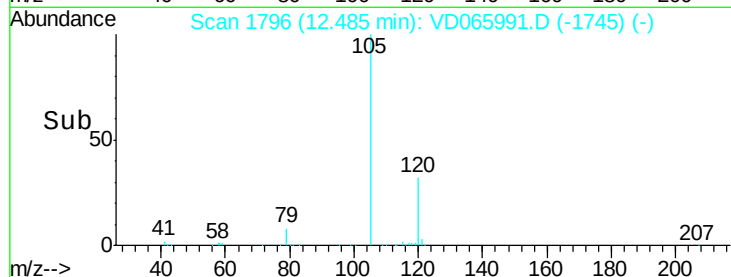
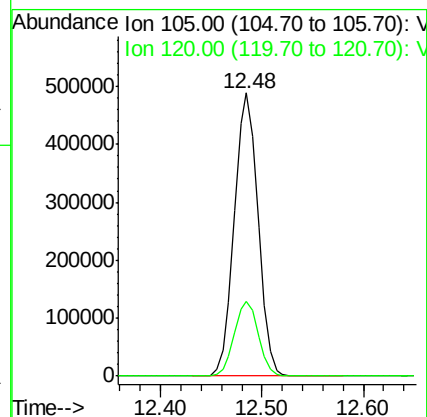
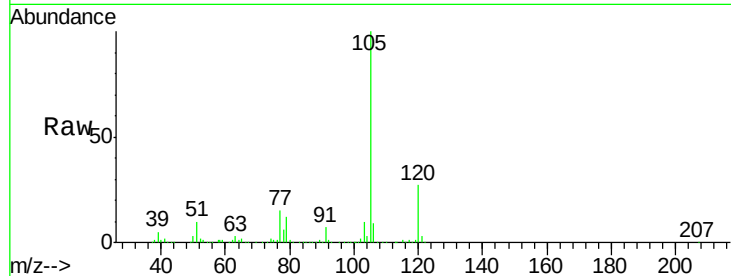
120 26.8 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 58.683 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Tgt Ion: 43 Resp: 185607

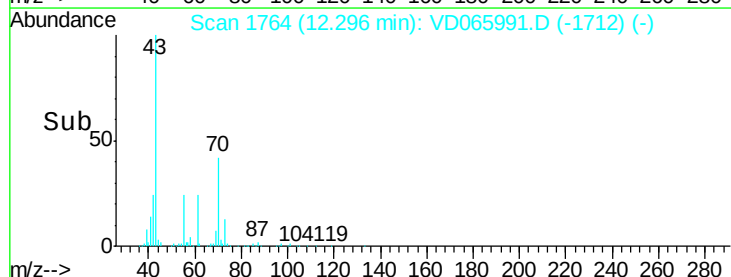
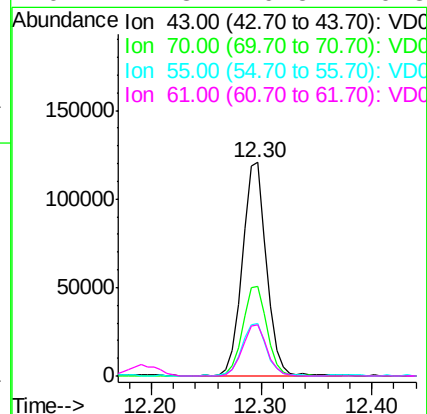
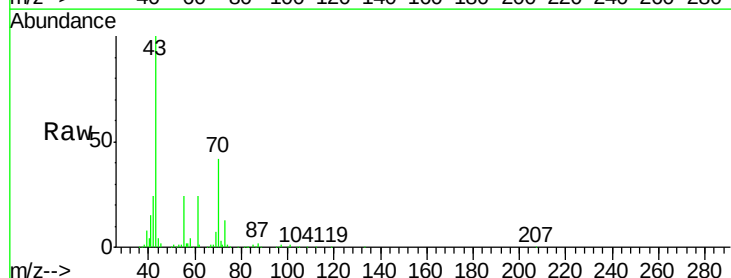
Ion Ratio Lower Upper

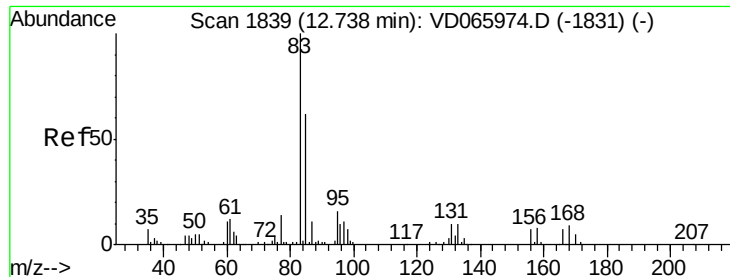
43 100

70 41.9 34.6 51.8

55 24.8 20.3 30.5

61 24.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.731 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

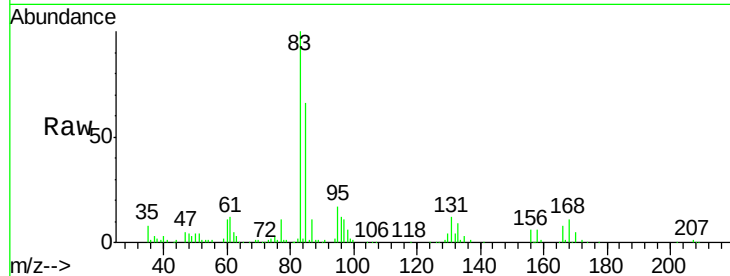
ClientSampleId :

VSTDCCC050EC

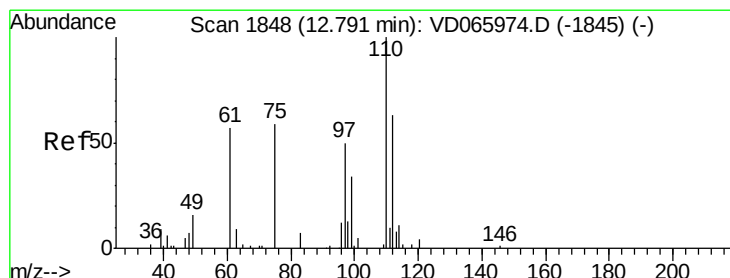
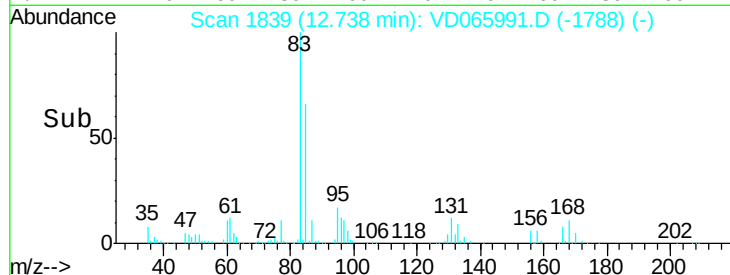
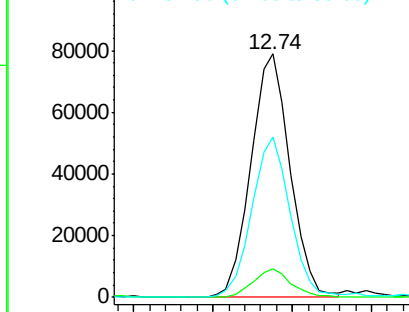
Tot Ion:	83	Resp:	135456
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.7	17.1
85	65.4	31.9	95.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 52.590 ug/l m

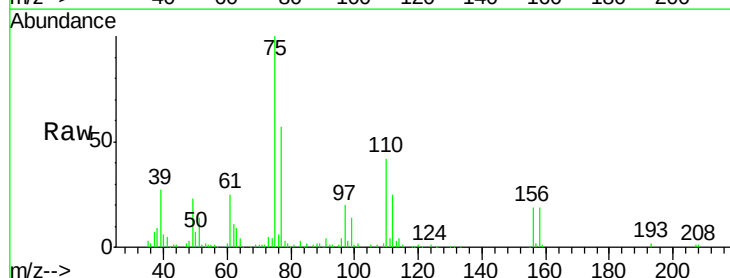
RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

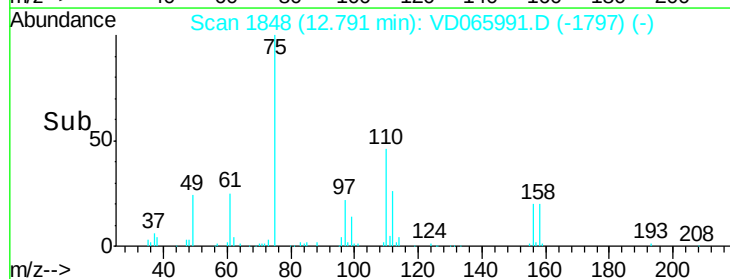
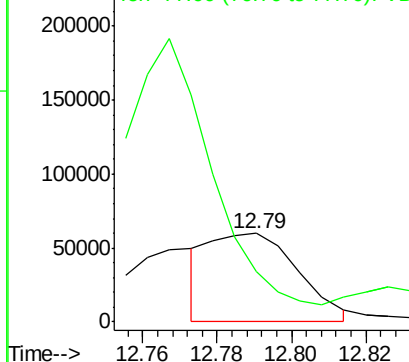
Lab File: VD065991.D

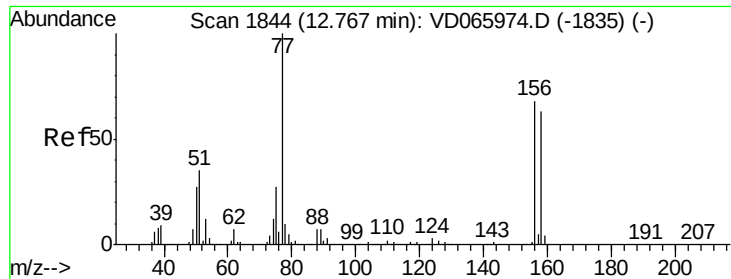
Acq: 21 Jul 2020 20:18

Tgt Ion:	75	Resp:	99826
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.672 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

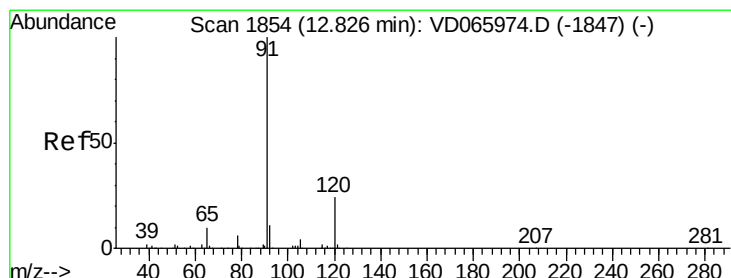
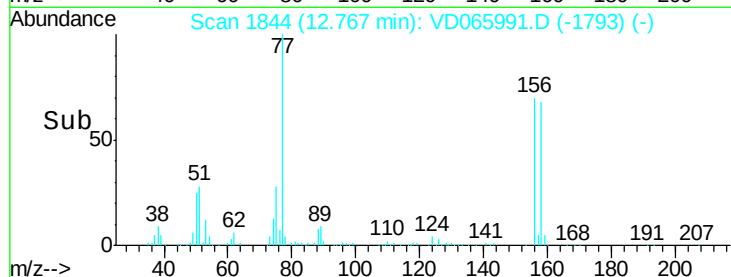
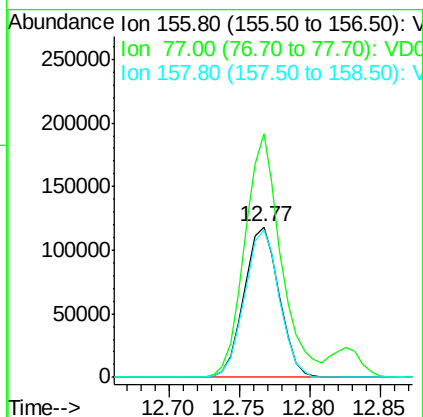
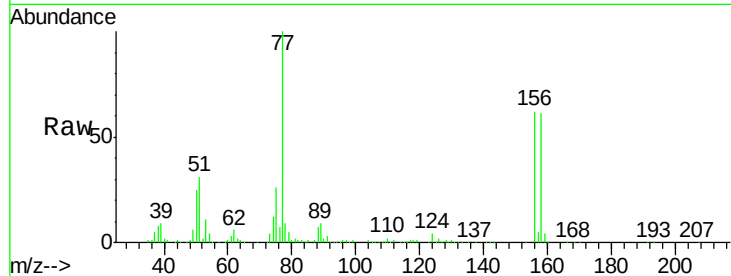
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	205340
Ion Ratio	Lower	Upper	
156	100		
77	167.9	83.0	249.0
158	97.4	48.2	144.6

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#78

n-propylbenzene

Concen: 52.147 ug/l

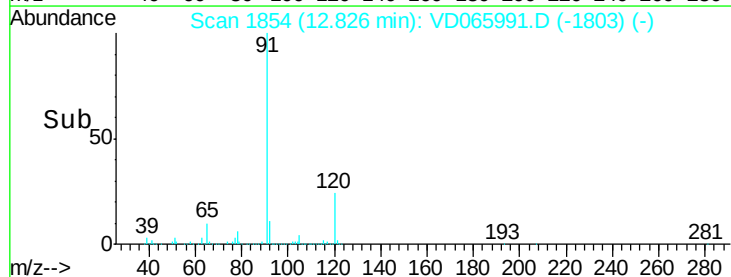
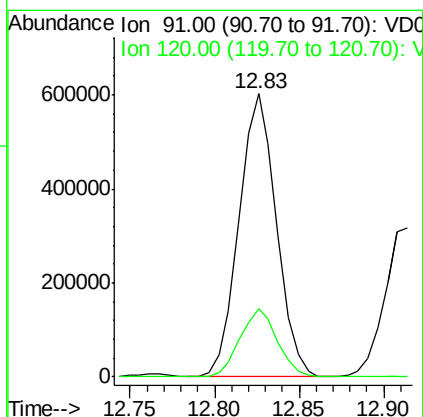
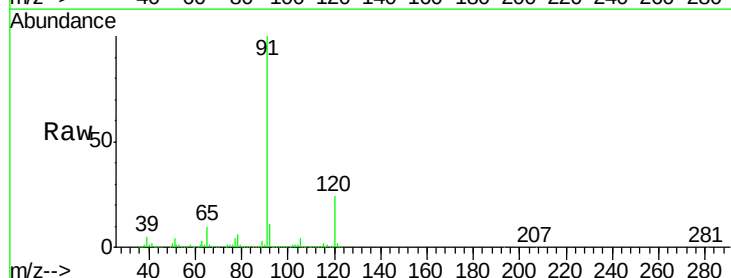
RT: 12.83 min Scan# 1854

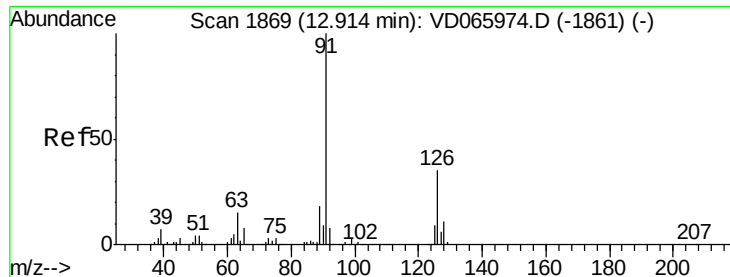
Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Tgt Ion:	91	Resp:	923083
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0





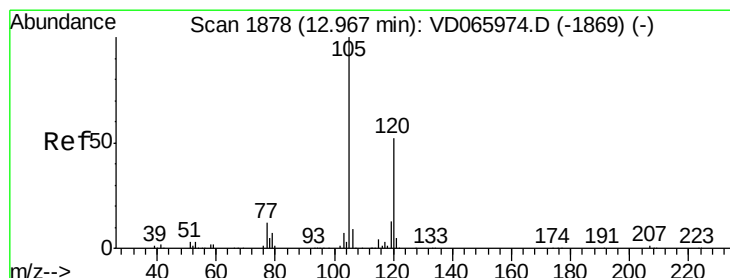
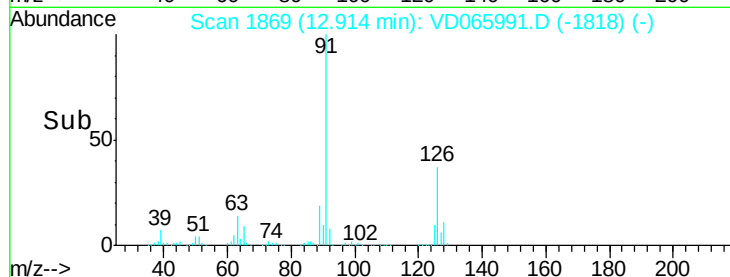
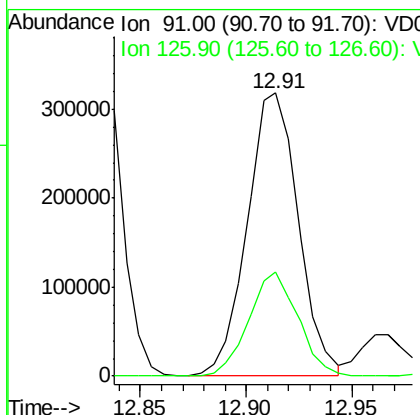
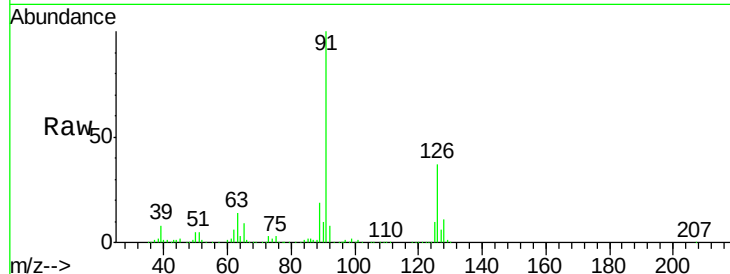
#79
 2-Chlorotoluene
 Concen: 52.639 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 532332
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1

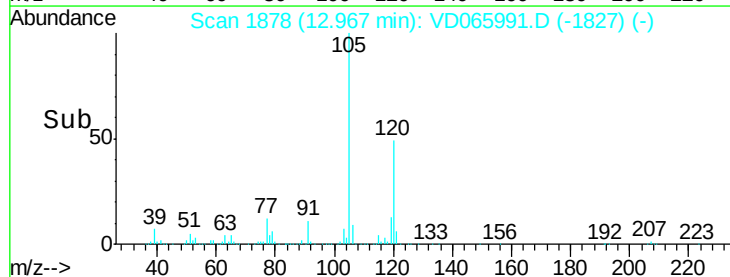
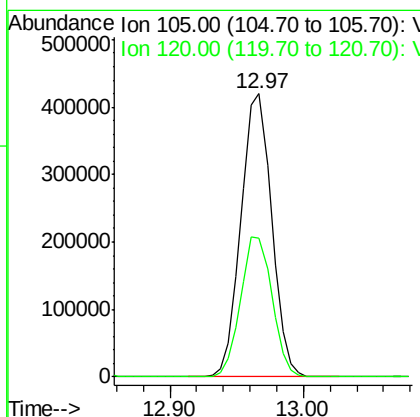
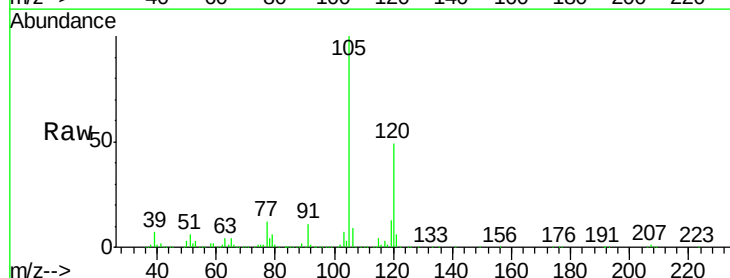
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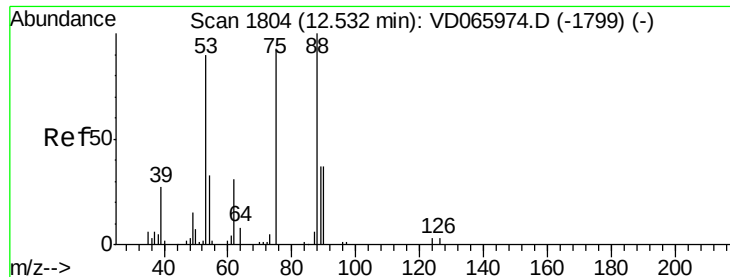
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.253 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion: 105 Resp: 667405
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.901 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Instrument :

MSVOA_D

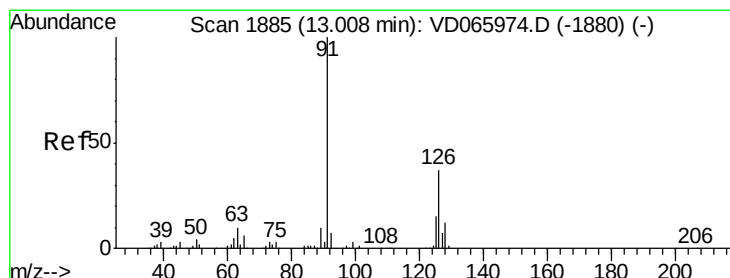
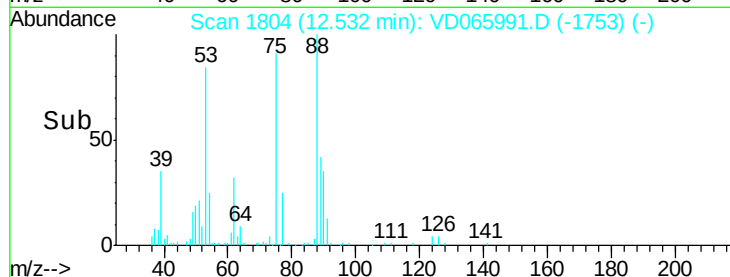
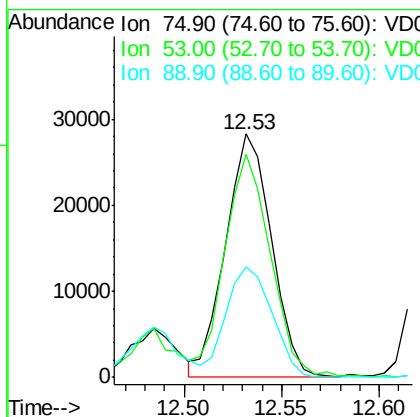
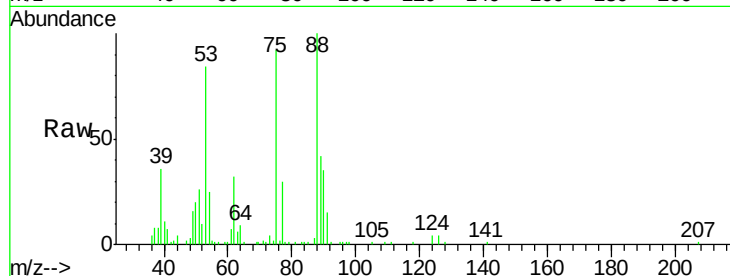
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	46242
Ion	Ratio	Lower	Upper
75	100		
53	91.9	76.8	115.2
89	45.3	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.179 ug/l

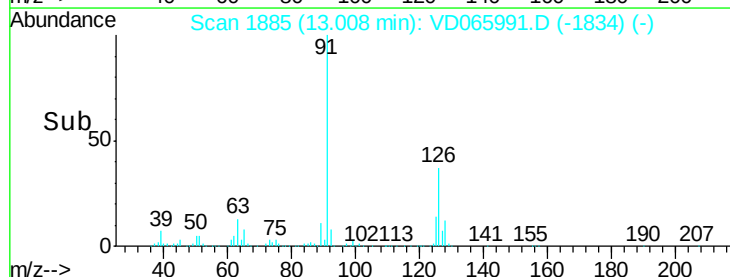
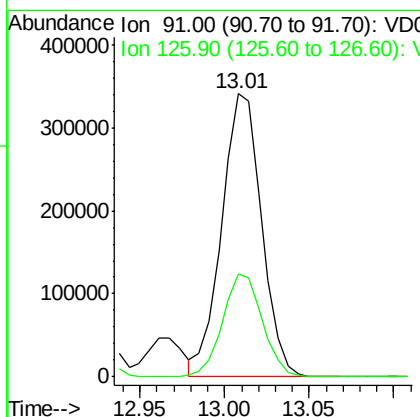
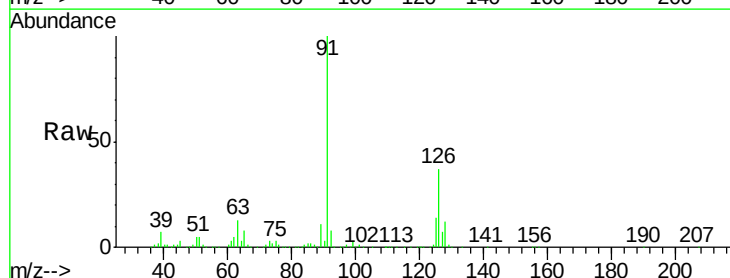
RT: 13.01 min Scan# 1885

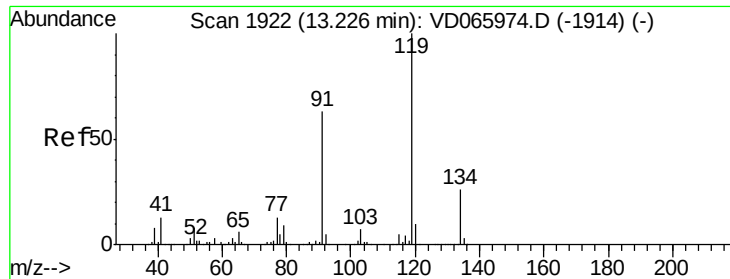
Delta R.T. -0.00 min

Lab File: VD065991.D

Acq: 21 Jul 2020 20:18

Tgt Ion:	91	Resp:	556968
Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.8	53.5





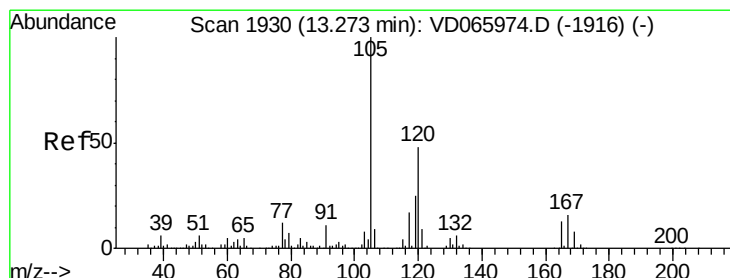
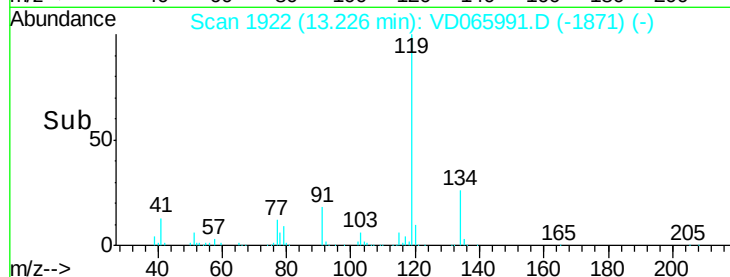
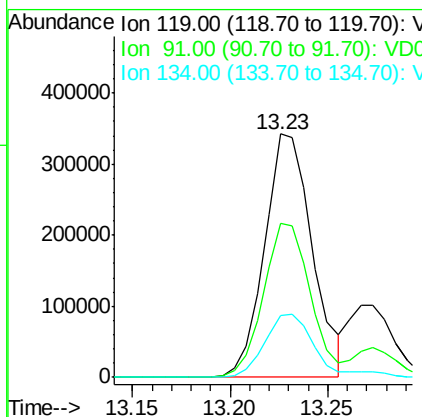
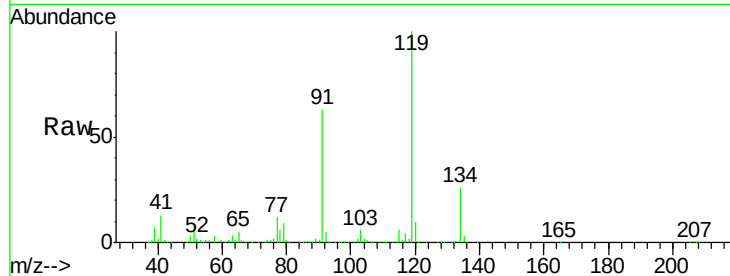
#83
 tert-Butylbenzene
 Concen: 52.881 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.6	91.6
134	27.9	13.9	41.7

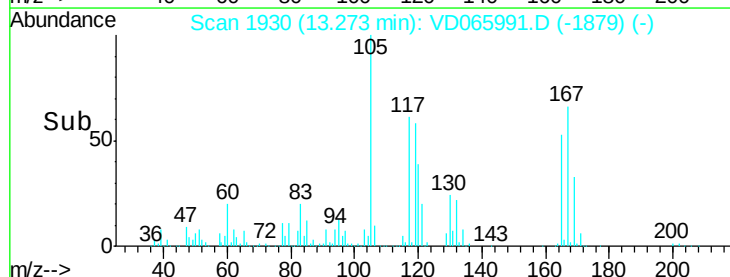
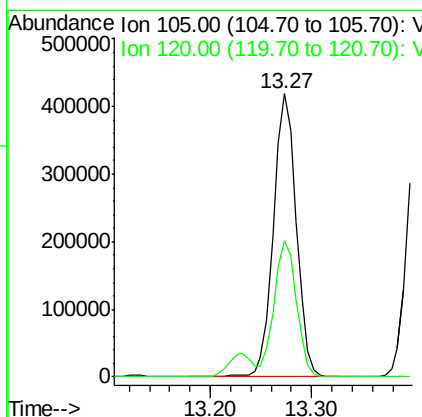
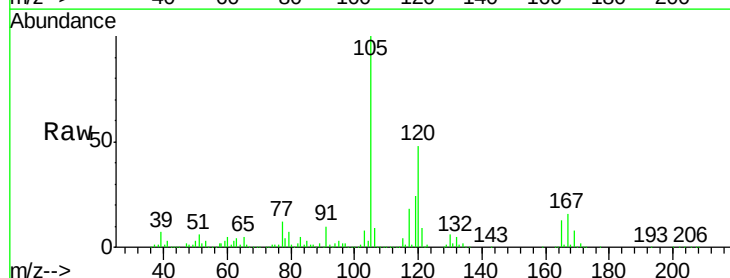
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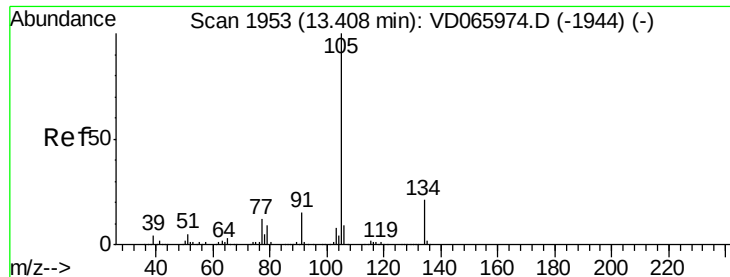
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.260 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.9	71.8





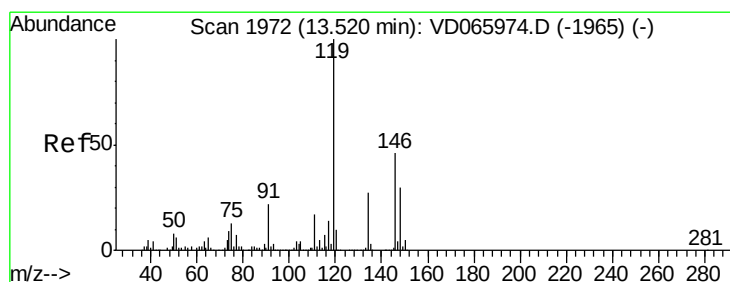
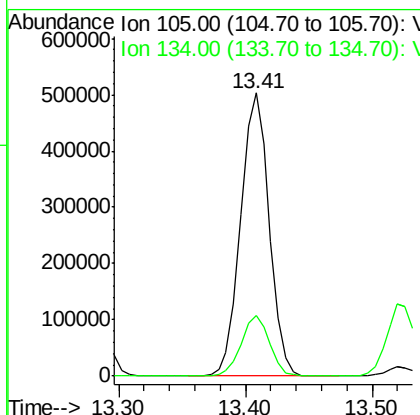
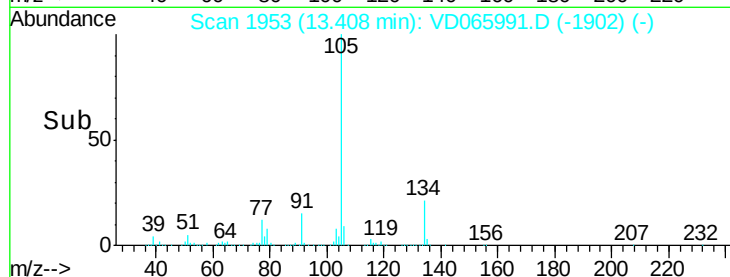
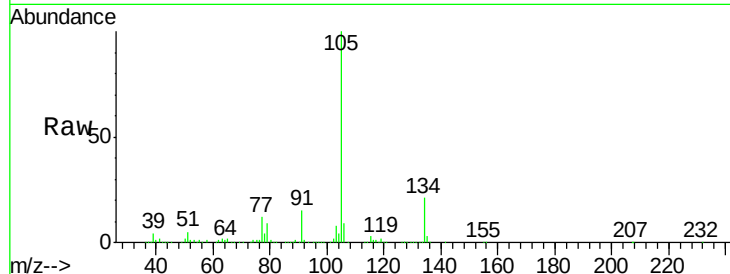
#85
 sec-Butylbenzene
 Concen: 51.866 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.4	31.4

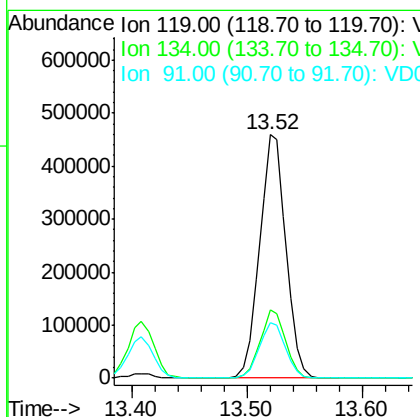
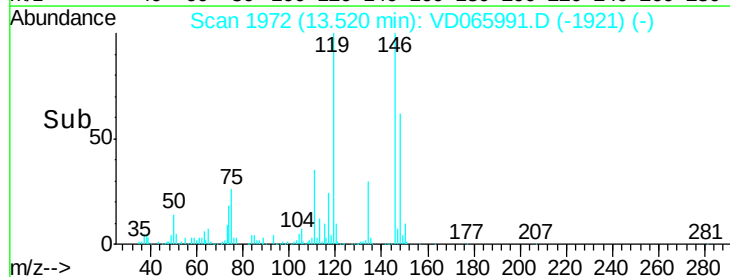
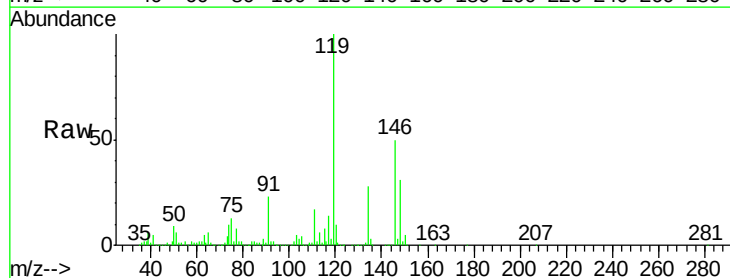
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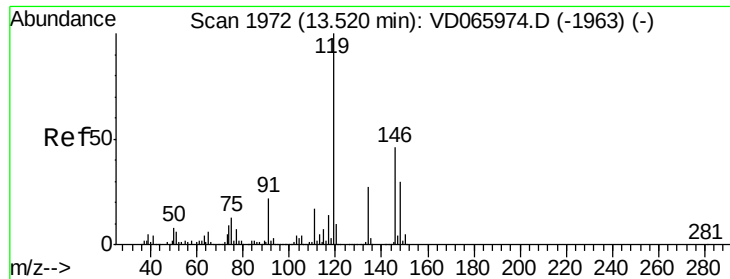
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#86
 p-Isopropyltoluene
 Concen: 52.991 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.4	40.2
91	22.5	11.1	33.3





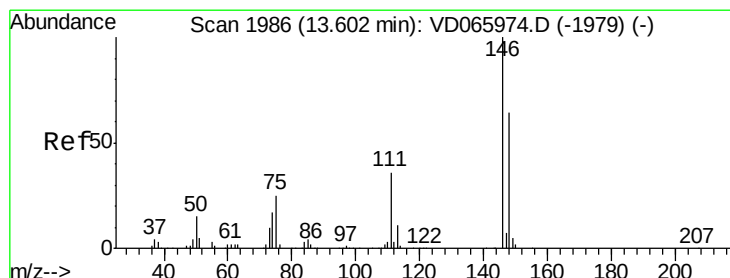
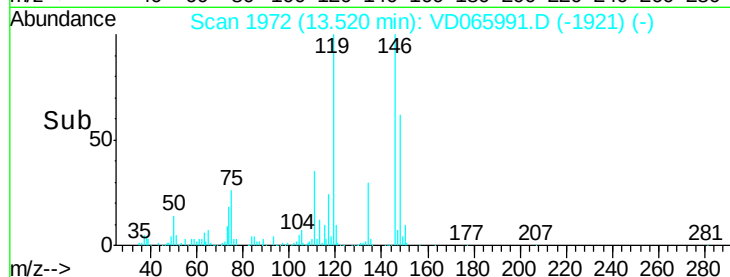
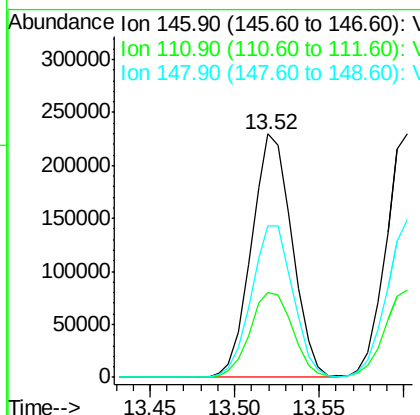
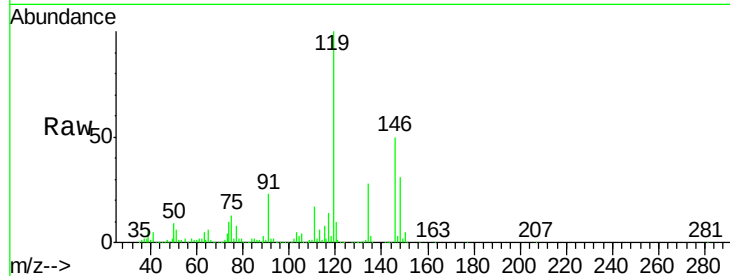
#87
 1,3-Dichlorobenzene
 Concen: 52.717 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.6
148	63.8	32.4	97.0

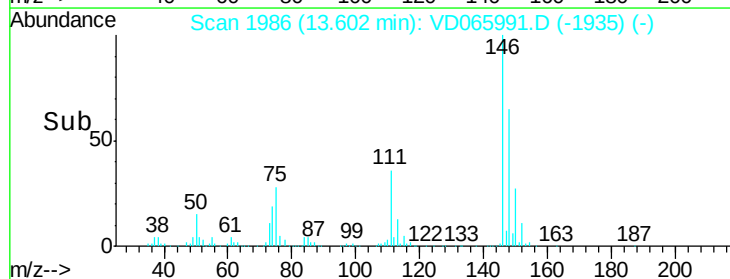
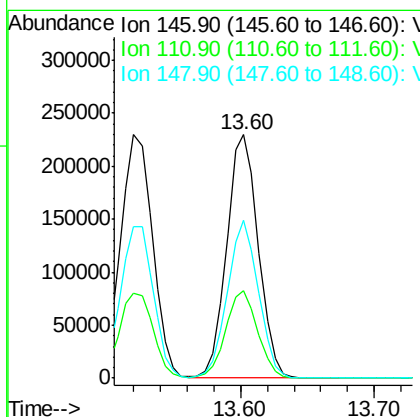
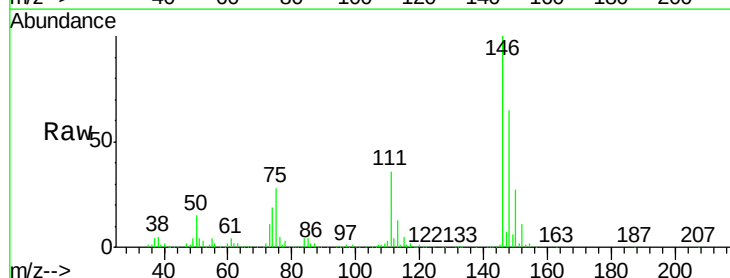
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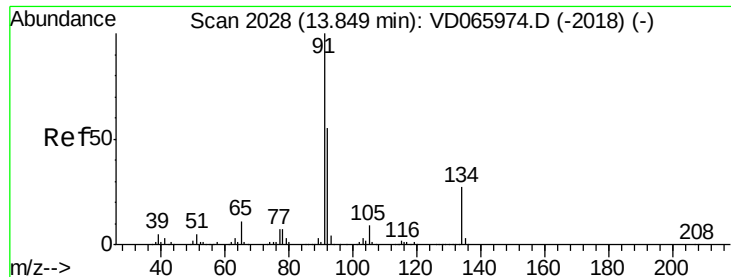
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#88
 1,4-Dichlorobenzene
 Concen: 51.899 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.8	56.4
148	63.7	32.2	96.6





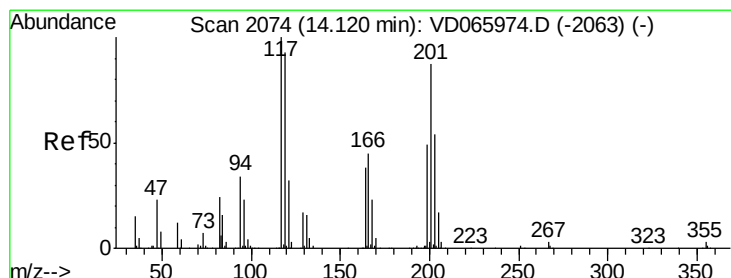
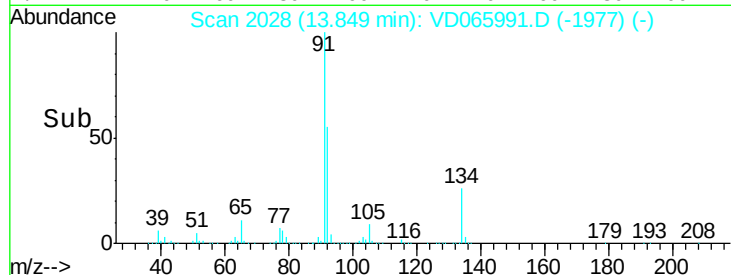
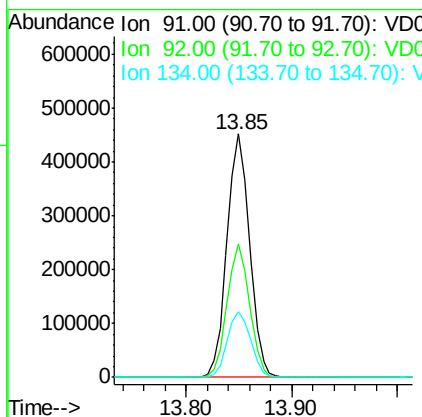
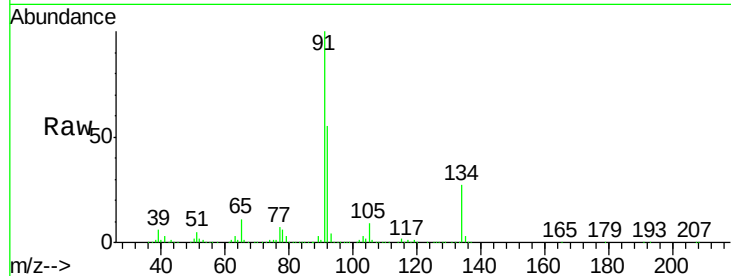
#89
n-Butylbenzene
Concen: 52.322 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.6
134	27.7	13.8	41.4

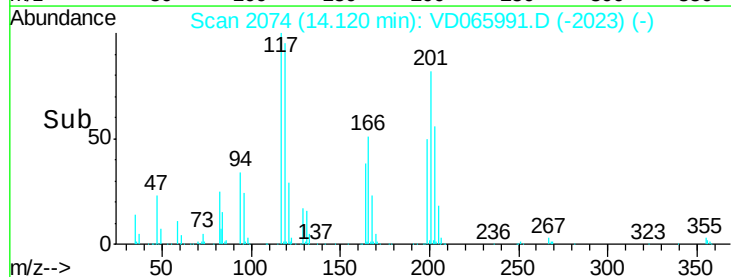
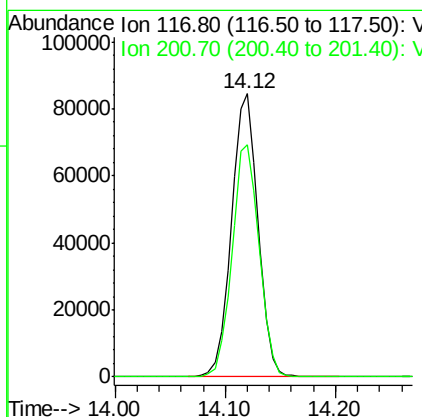
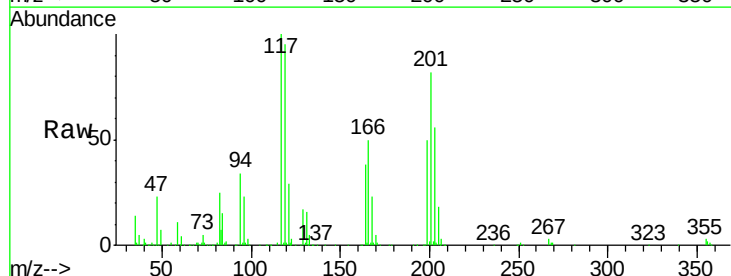
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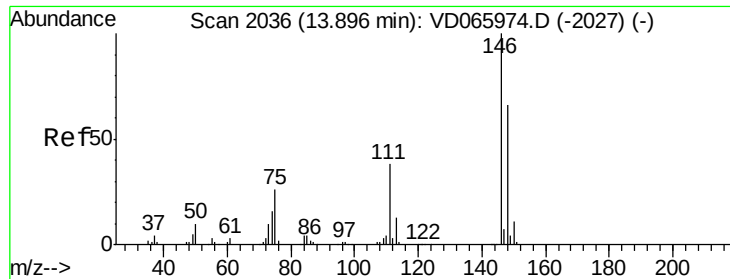
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#90
Hexachloroethane
Concen: 50.058 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	42.0	126.1





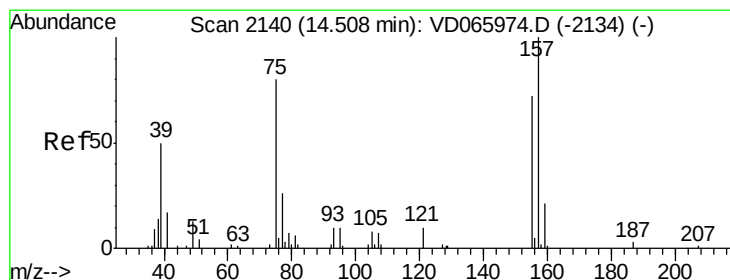
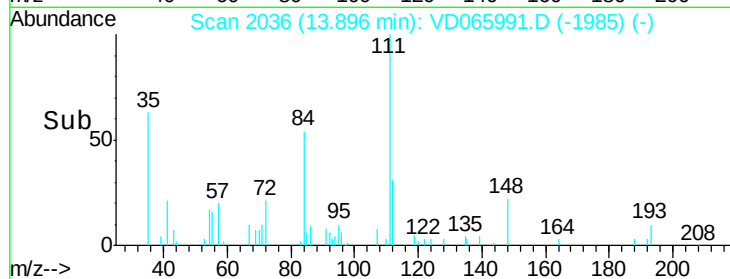
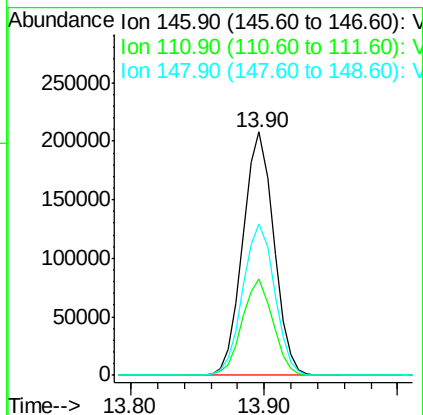
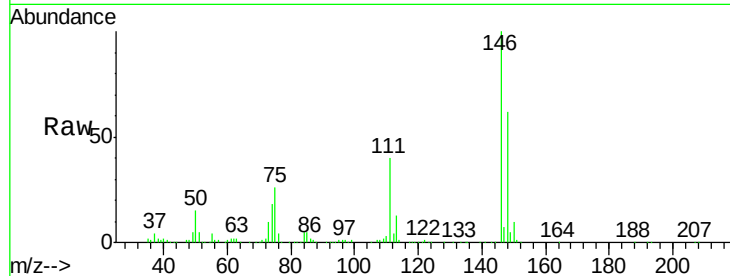
#91
 1,2-Dichlorobenzene
 Concen: 53.275 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.9
148	63.7	32.7	98.1

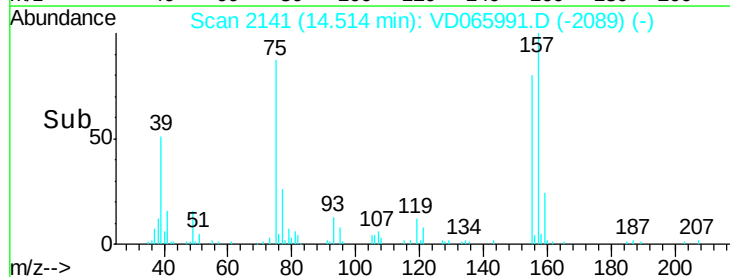
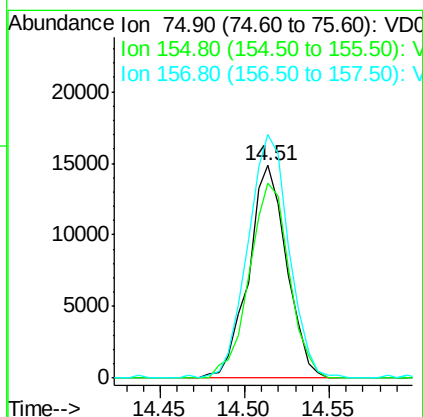
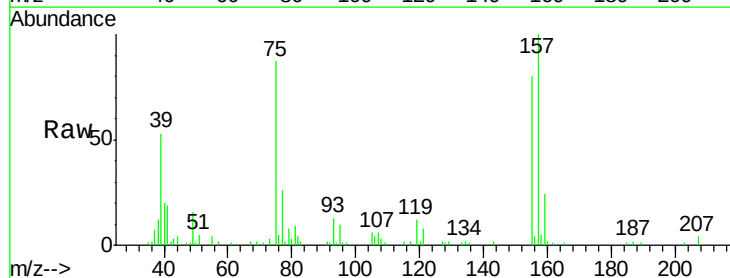
Manual Integrations
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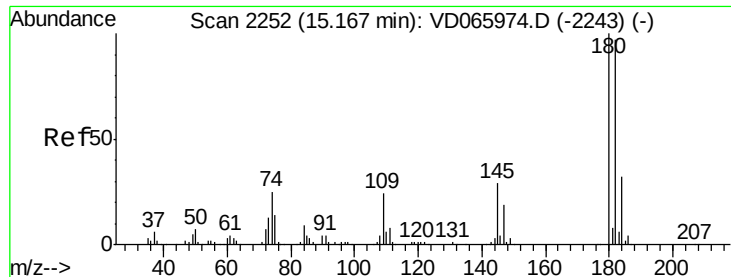
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.413 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	48.5	145.5
157	123.7	64.7	194.1





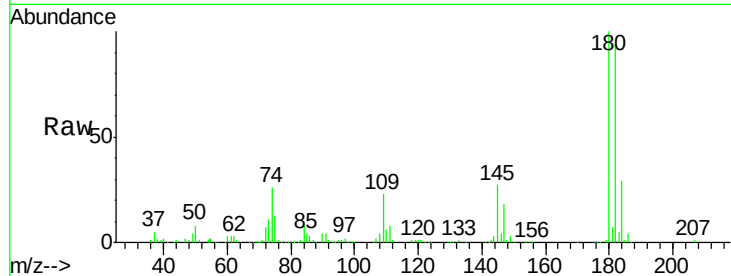
#93
 1,2,4-Trichlorobenzene
 Concen: 54.949 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

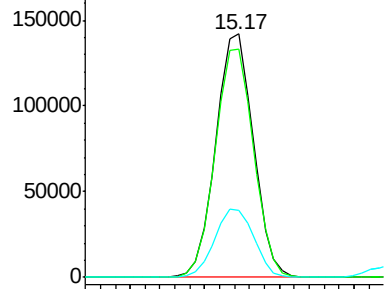
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	29.5	14.7	44.1

Manual Integrations
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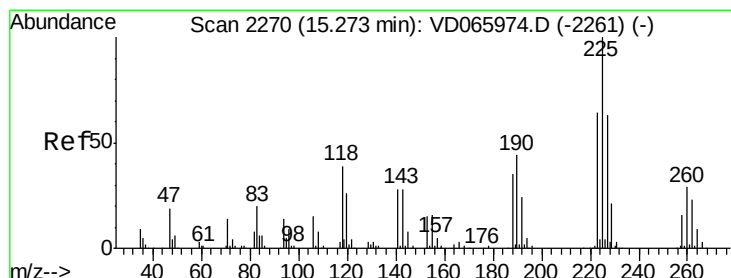
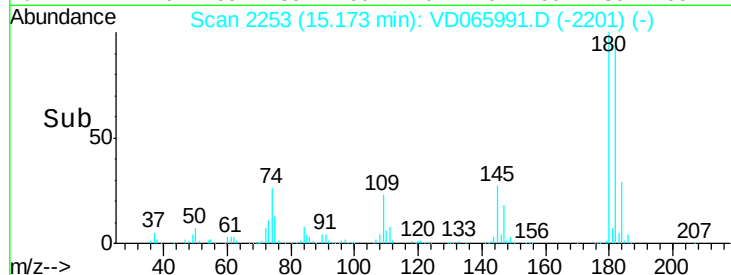
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

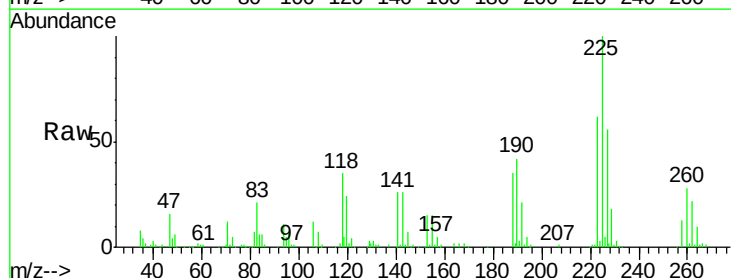


Time-->

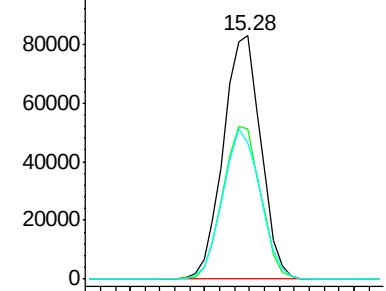


#94
 Hexachlorobutadiene
 Concen: 51.627 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD065991.D
 Acq: 21 Jul 2020 20:18

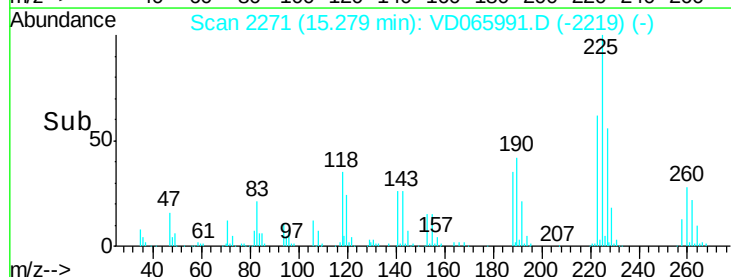
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.2	93.6
227	62.0	31.6	94.8

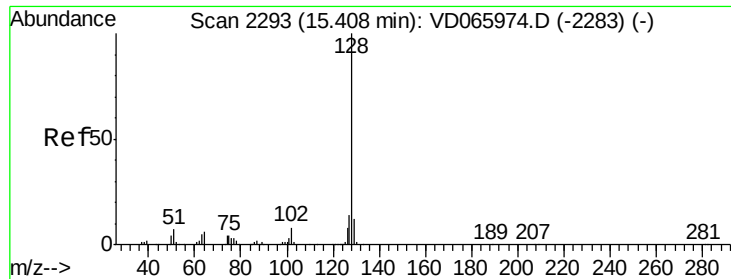


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





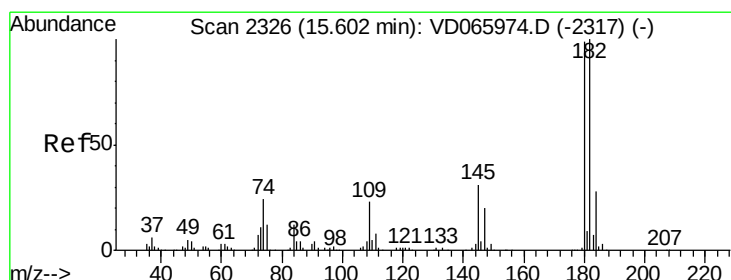
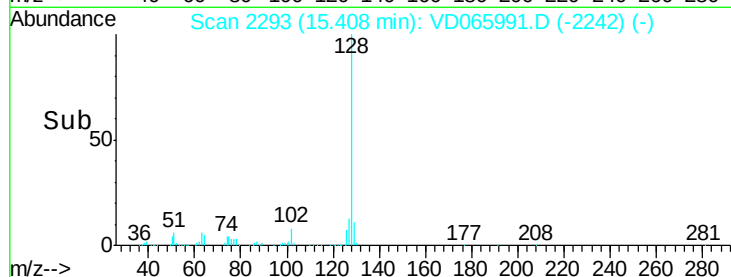
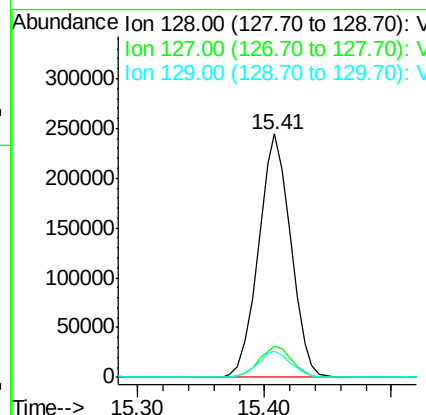
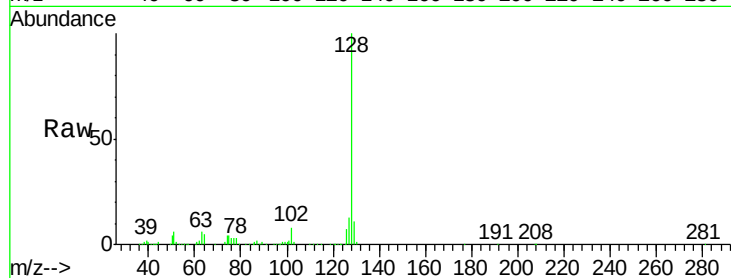
#95
Naphthalene
Concen: 53.703 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.0	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.697 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065991.D
Acq: 21 Jul 2020 20:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.9	143.6
145	31.6	15.4	46.2

