

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066080.D
 Acq On : 28 Jul 2020 16:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:05:58 PM

Quant Time: Jul 29 02:21:46 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	252612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	367965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	352538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115348	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
35) Dibromofluoromethane	7.91	113	118187	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.34	98	454482	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.64	95	158898	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	86162	44.944	ug/l	93
3) Chloromethane	2.21	50	74911	47.883	ug/l	98
4) Vinyl Chloride	2.35	62	74692	50.135	ug/l	97
5) Bromomethane	2.77	94	56137	53.977	ug/l	96
6) Chloroethane	2.92	64	48466	54.496	ug/l	97
7) Trichlorofluoromethane	3.27	101	194088	53.560	ug/l	96
8) Diethyl Ether	3.70	74	53990	53.901	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	115357	52.721	ug/l	98
10) Methyl Iodide	4.30	142	132257	58.103	ug/l	95
11) Tert butyl alcohol	5.22	59	36724	288.122	ug/l #	89
12) 1,1-Dichloroethene	4.06	96	108086	51.750	ug/l	93
13) Acrolein	3.92	56	35958	207.635	ug/l	99
14) Allyl chloride	4.71	41	166402	50.967	ug/l	92
15) Acrylonitrile	5.42	53	115908	270.861	ug/l	96
16) Acetone	4.15	43	97086	233.347	ug/l	95
17) Carbon Disulfide	4.40	76	317031	46.795	ug/l	100
18) Methyl Acetate	4.71	43	49220	50.854	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	260789	60.771	ug/l	95
20) Methylene Chloride	4.96	84	137716	60.484	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	126607	53.634	ug/l	98
22) Diisopropyl ether	6.36	45	335198	54.041	ug/l	98
23) Vinyl Acetate	6.30	43	985750	281.793	ug/l	96
24) 1,1-Dichloroethane	6.26	63	206975	55.072	ug/l	98
25) 2-Butanone	7.21	43	142771	258.608	ug/l	96
26) 2,2-Dichloropropane	7.20	77	193285	57.191	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	140982	56.408	ug/l	99
28) Bromochloromethane	7.54	49	83848	52.565	ug/l	91
29) Tetrahydrofuran	7.56	42	90617	266.026	ug/l	98
30) Chloroform	7.70	83	231788	58.960	ug/l	94
31) Cyclohexane	7.98	56	175873	47.566	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	213928	58.829	ug/l	99
36) 1,1-Dichloropropene	8.11	75	167831	53.442	ug/l	99
37) Ethyl Acetate	7.29	43	67050	55.906	ug/l	98
38) Carbon Tetrachloride	8.09	117	196840	57.767	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	203437	53.493	ug/l	97
40) Benzene	8.35	78	488992	55.657	ug/l	100
41) Methacrylonitrile	7.54	41	43169m	62.833	ug/l	
42) 1,2-Dichloroethane	8.43	62	146917	61.024	ug/l	97
43) Isopropyl Acetate	8.45	43	130619	55.762	ug/l	98
44) Trichloroethene	9.11	130	145377	54.680	ug/l	98
45) 1,2-Dichloropropane	9.39	63	117056	55.011	ug/l	96
46) Dibromomethane	9.47	93	65577	57.248	ug/l	95
47) Bromodichloromethane	9.66	83	178154	58.820	ug/l	99
48) Methyl methacrylate	9.46	41	61375	51.943	ug/l #	83
49) 1,4-Dioxane	9.46	88	15433	1162.907	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	327064	277.113	ug/l	99
52) Toluene	10.40	92	332940	58.109	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	170252	60.335	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	196983	57.589	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	92985	57.236	ug/l	93
56) Ethyl methacrylate	10.66	69	114814	60.786	ug/l	96
57) 1,3-Dichloropropane	10.95	76	155480	57.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	231225	256.261	ug/l	97
59) 2-Hexanone	10.98	43	226492	276.918	ug/l	97
60) Dibromochloromethane	11.14	129	134990	61.627	ug/l	99
61) 1,2-Dibromoethane	11.25	107	93933	59.968	ug/l	100
64) Tetrachloroethene	10.88	164	130746	54.641	ug/l	97
65) Chlorobenzene	11.67	112	361563	56.015	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	140471	58.938	ug/l	98
67) Ethyl Benzene	11.75	91	635391	57.200	ug/l	100
68) m/p-Xylenes	11.86	106	493150	115.505	ug/l	100
69) o-Xylene	12.18	106	231705	59.668	ug/l	100
70) Styrene	12.20	104	405297	60.745	ug/l	99
71) Bromoform	12.37	173	84246	60.345	ug/l #	98
73) Isopropylbenzene	12.48	105	632666	54.889	ug/l	99
74) N-amyl acetate	12.30	43	128238	53.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	96613	50.719	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	62809m	43.792	ug/l	
77) Bromobenzene	12.77	156	162268	55.087	ug/l	95
78) n-propylbenzene	12.83	91	735502	54.990	ug/l	99
79) 2-Chlorotoluene	12.91	91	421956	55.221	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	541720	57.206	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	34012	54.416	ug/l	97
82) 4-Chlorotoluene	13.01	91	442114	54.816	ug/l	99
83) tert-Butylbenzene	13.23	119	467587	56.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	533393	57.093	ug/l	99
85) sec-Butylbenzene	13.41	105	639909	56.064	ug/l	100
86) p-Isopropyltoluene	13.53	119	605567	58.399	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	305410	55.844	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	304760	55.122	ug/l	99
89) n-Butylbenzene	13.85	91	549102	56.950	ug/l	98
90) Hexachloroethane	14.12	117	117649	54.807	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	270048	56.983	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16538	52.974	ug/l	95

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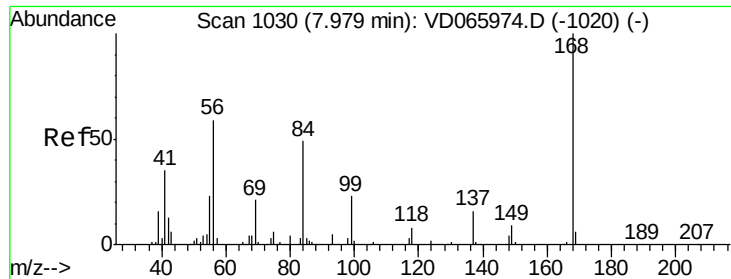
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	204662	60.165	ug/l	98
94) Hexachlorobutadiene	15.28	225	125717	59.779	ug/l	99
95) Naphthalene	15.41	128	333696	54.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	175643	59.394	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 252612

Ion Ratio Lower Upper

168 100

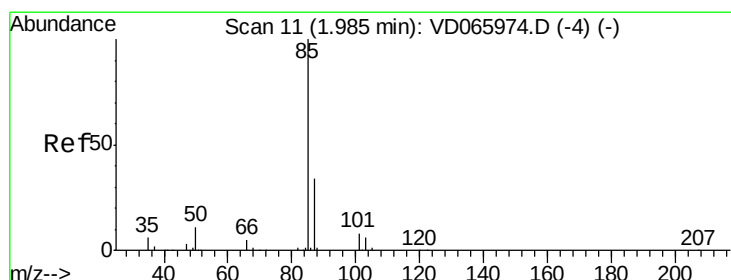
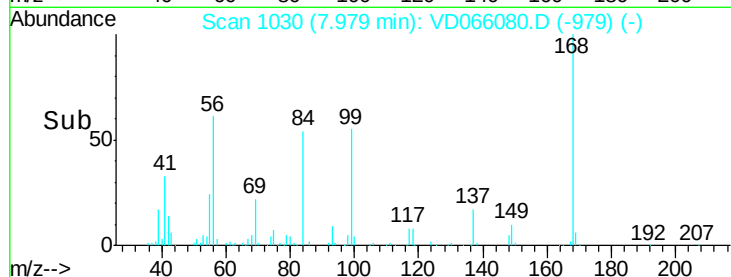
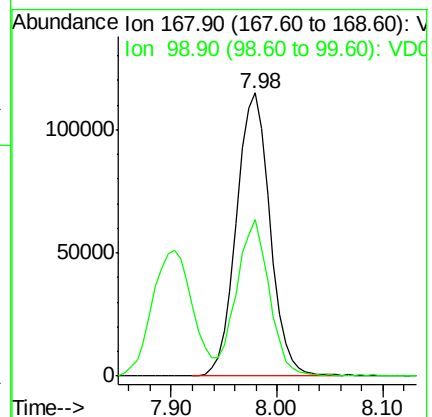
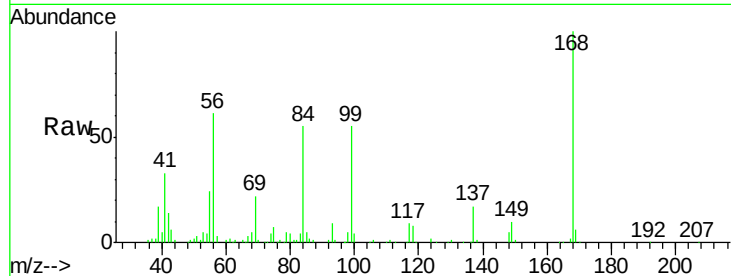
99 55.0 40.8 61.2

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#2

Dichlorodifluoromethane

Concen: 44.944 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066080.D

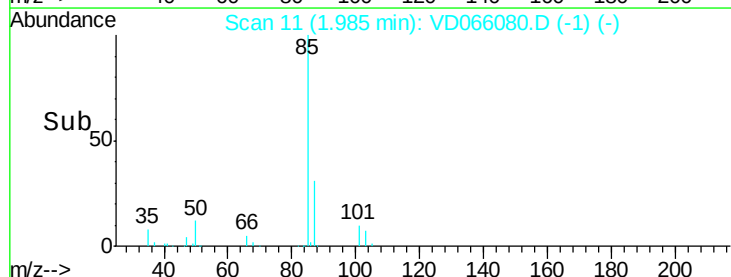
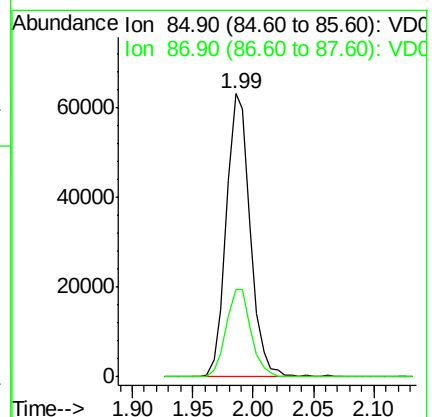
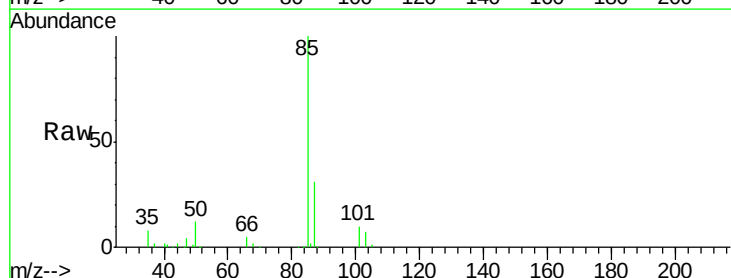
Acq: 28 Jul 2020 16:36

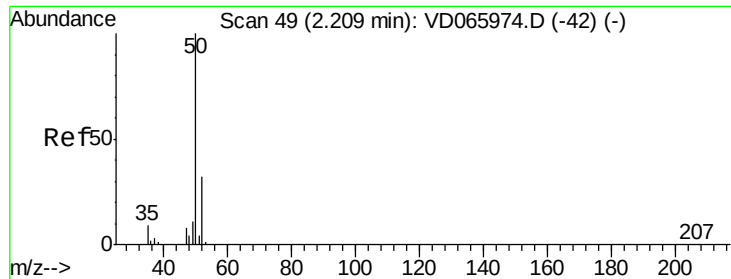
Tgt Ion: 85 Resp: 86162

Ion Ratio Lower Upper

85 100

87 30.7 17.3 51.7





#3

Chloromethane

Concen: 47.883 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 74911

Ion Ratio Lower Upper

50 100

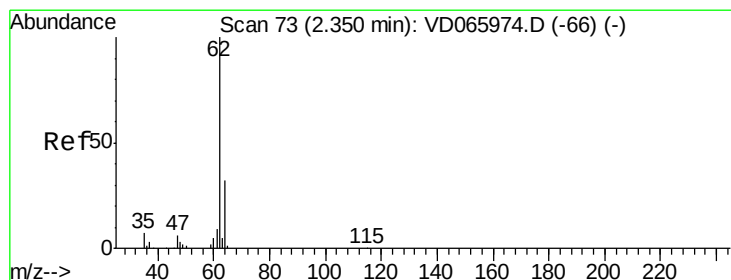
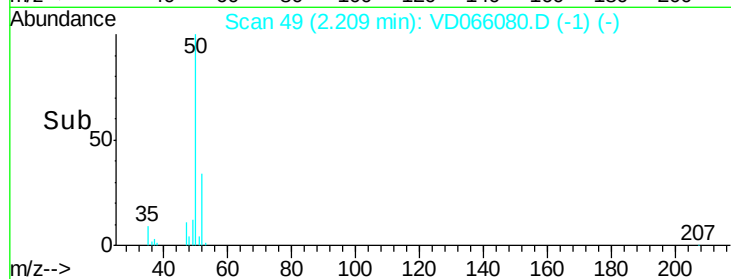
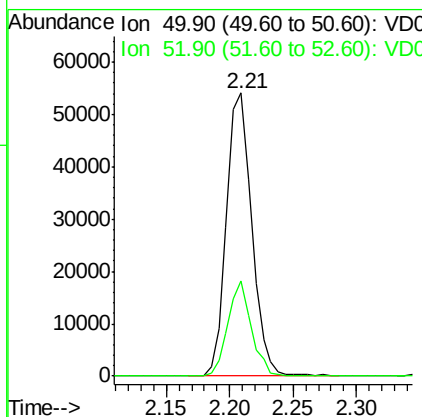
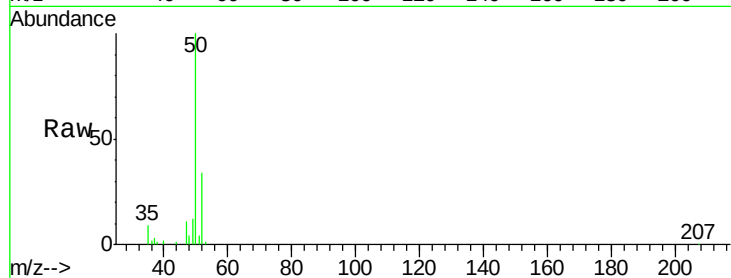
52 33.6 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.135 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066080.D

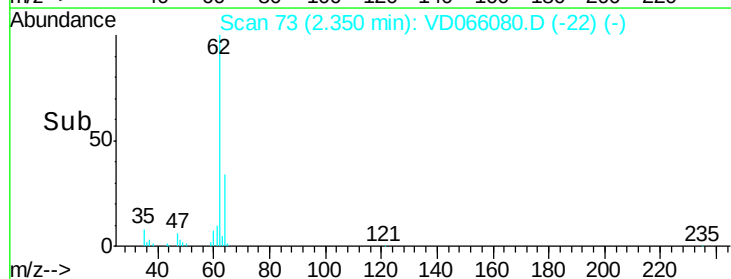
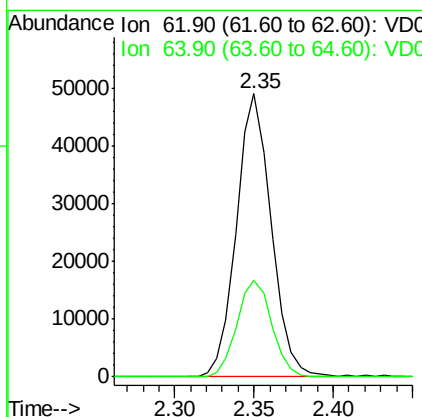
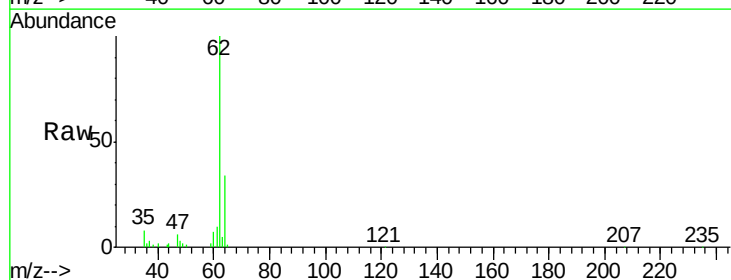
Acq: 28 Jul 2020 16:36

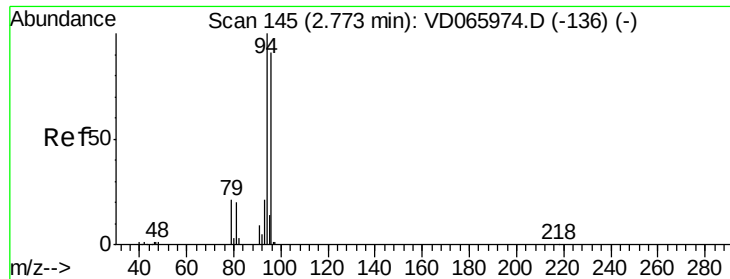
Tgt Ion: 62 Resp: 74692

Ion Ratio Lower Upper

62 100

64 33.9 25.8 38.8





#5

Bromomethane

Concen: 53.977 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 56137

Ion Ratio Lower Upper

94 100

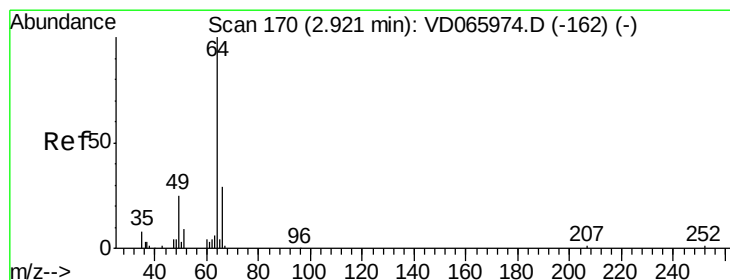
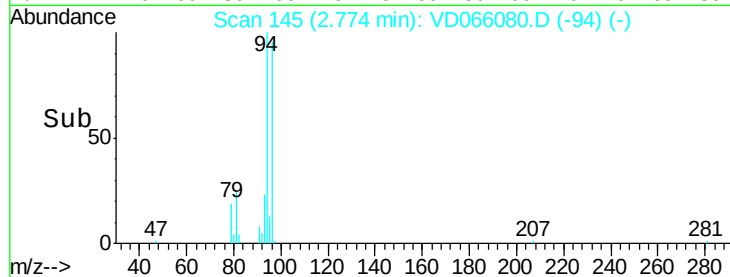
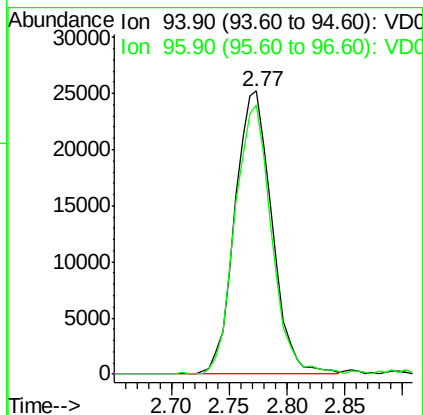
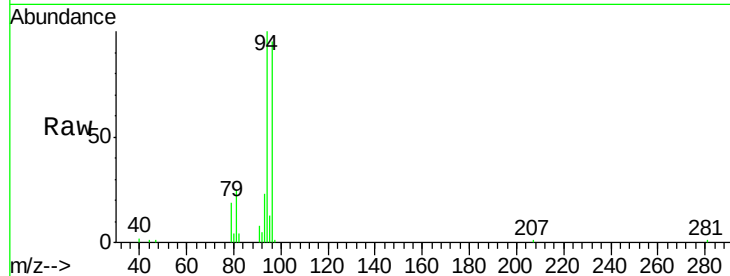
96 95.1 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 54.496 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066080.D

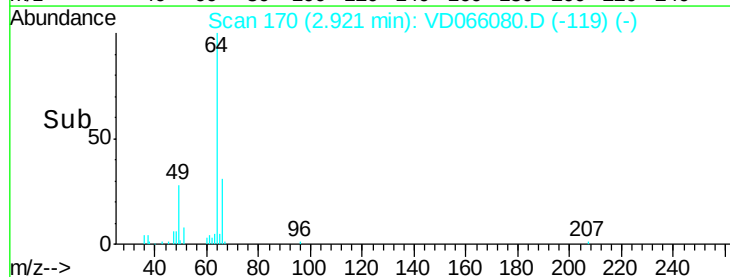
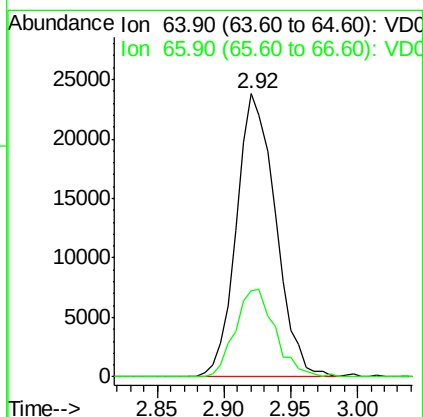
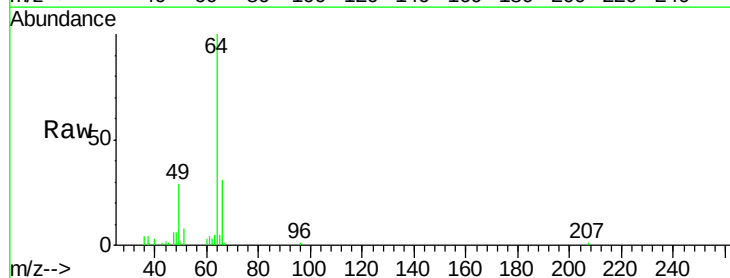
Acq: 28 Jul 2020 16:36

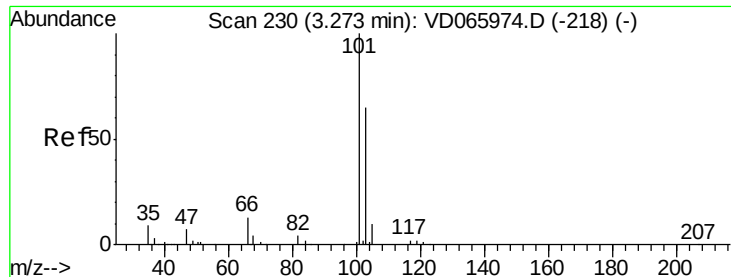
Tgt Ion: 64 Resp: 48466

Ion Ratio Lower Upper

64 100

66 30.5 23.4 35.0





#7

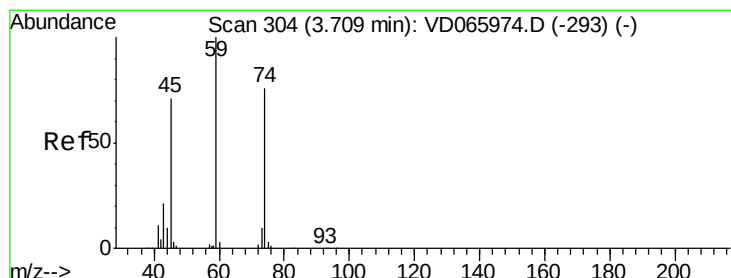
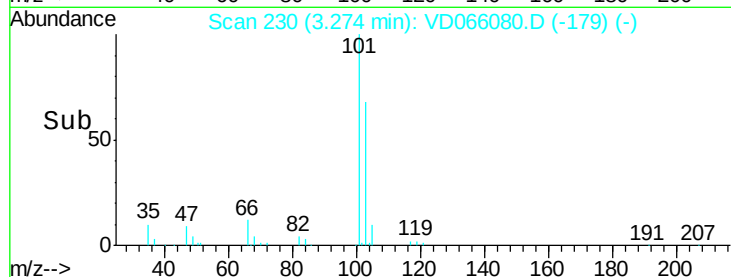
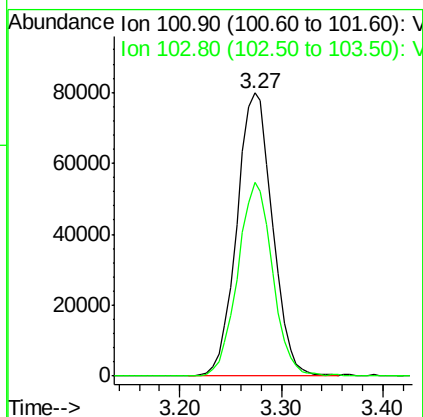
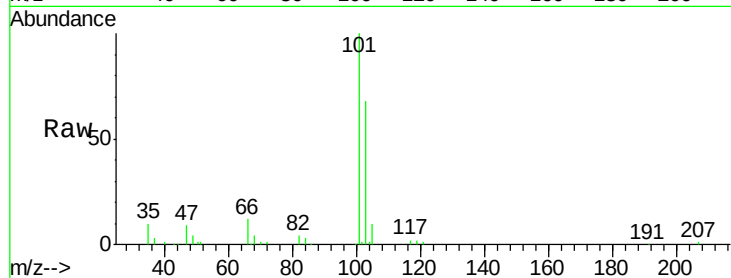
Trichlorofluoromethane
Concen: 53.560 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	68.3	52.1	78.1

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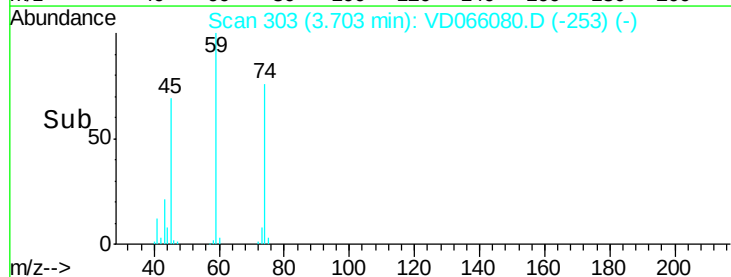
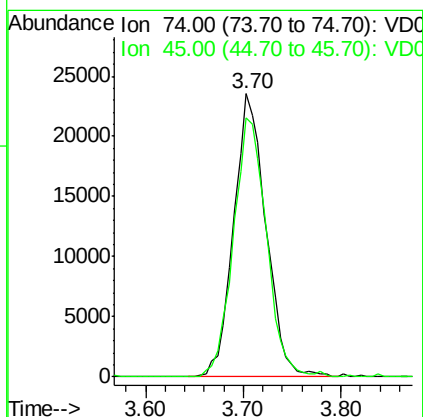
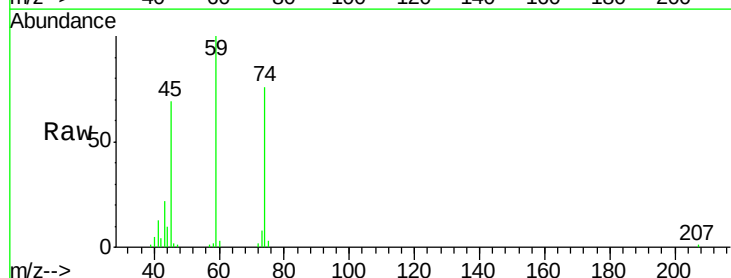
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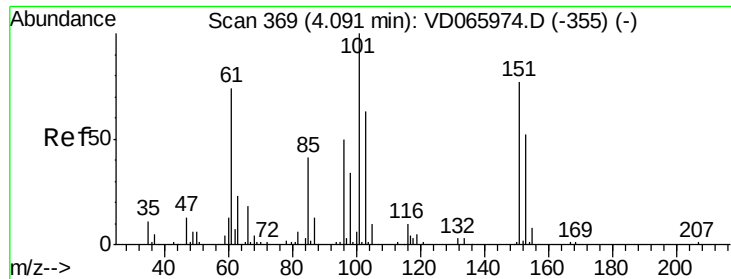


#8

Diethyl Ether
Concen: 53.901 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.721 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 115357
Ion Ratio Lower Upper

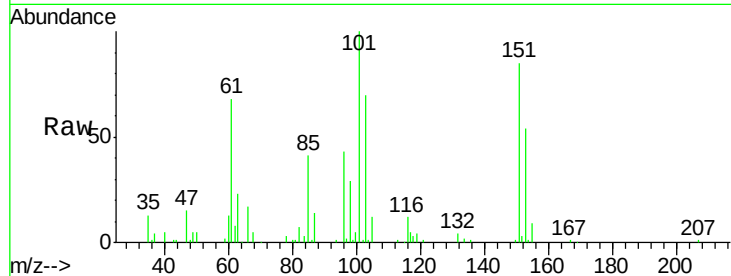
101 100

85 41.9 33.6 50.4

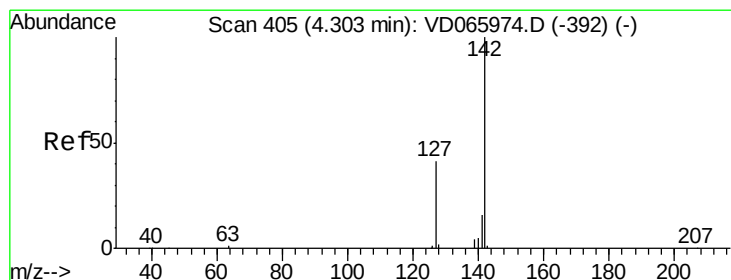
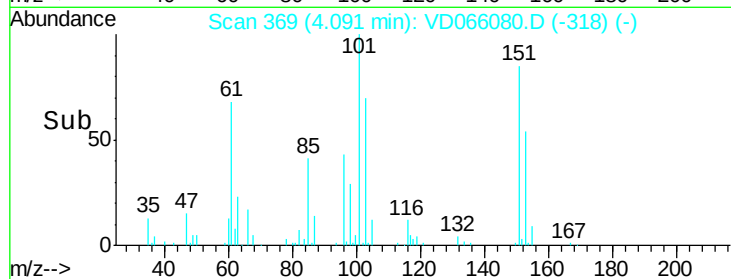
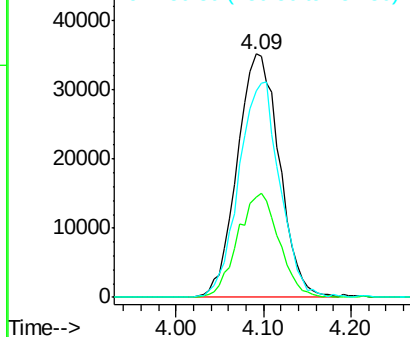
151 86.1 66.6 99.8

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



#10

Methyl Iodide

Concen: 58.103 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066080.D

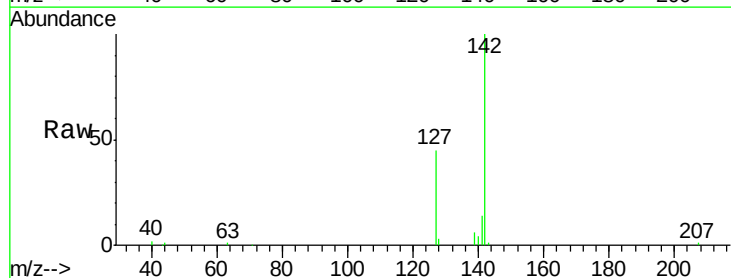
Acq: 28 Jul 2020 16:36

Tgt Ion:142 Resp: 132257
Ion Ratio Lower Upper

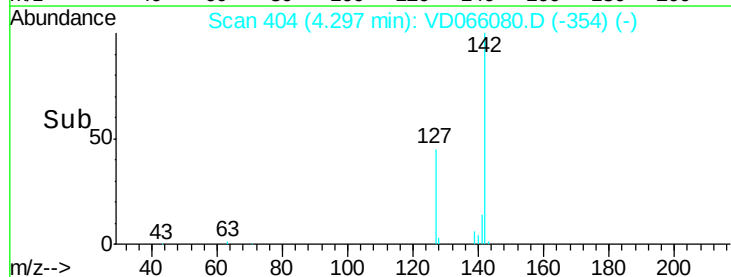
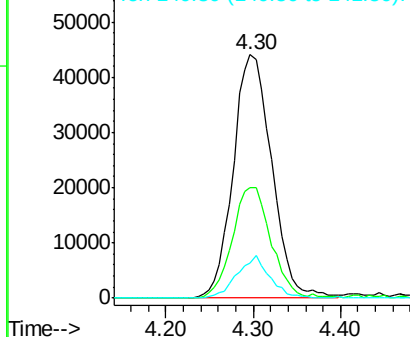
142 100

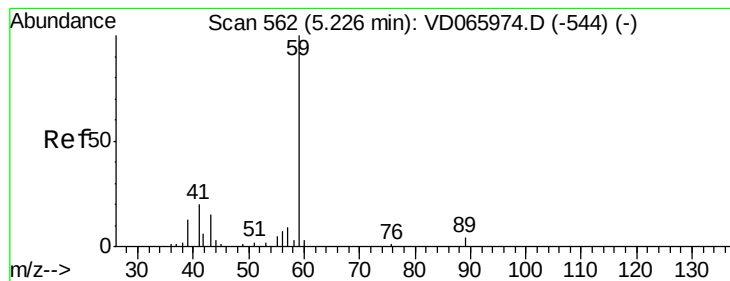
127 45.1 32.9 49.3

141 14.7 11.8 17.6



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





#11

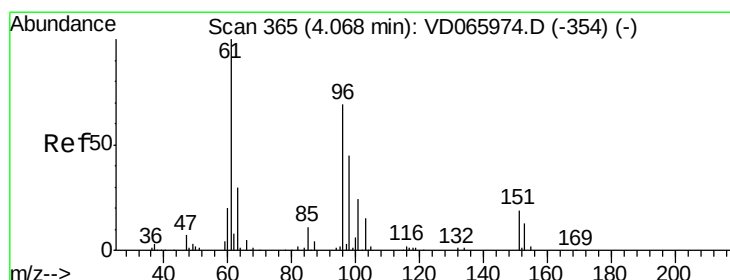
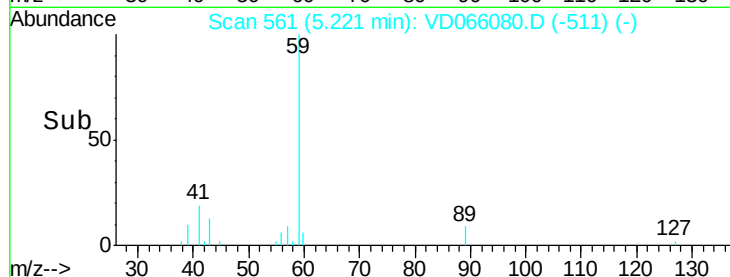
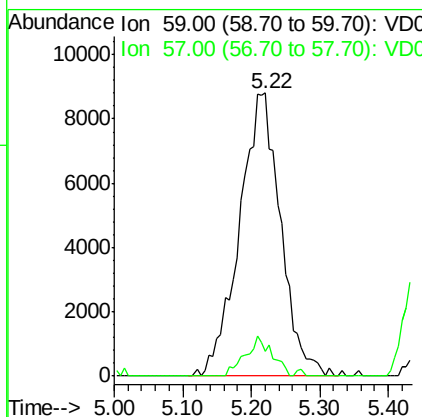
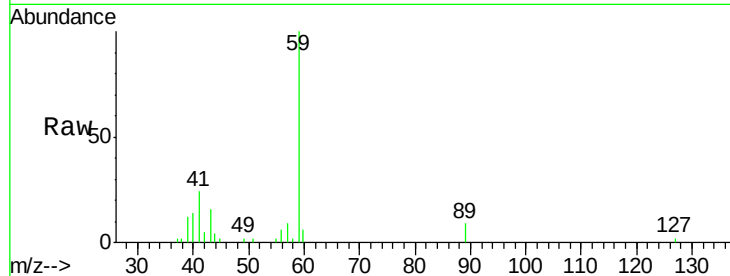
Tert butyl alcohol
Concen: 288.122 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 36724
Ion Ratio Lower Upper
59 100
57 9.2 4.5 6.7#

Manual Integrations
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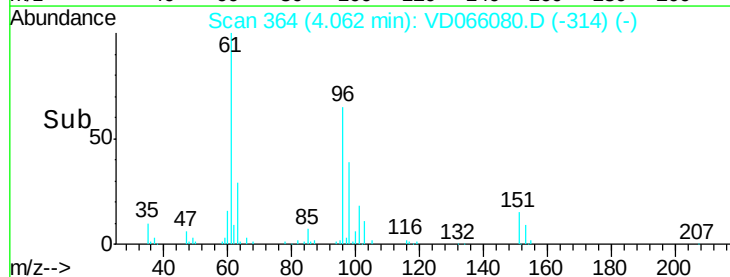
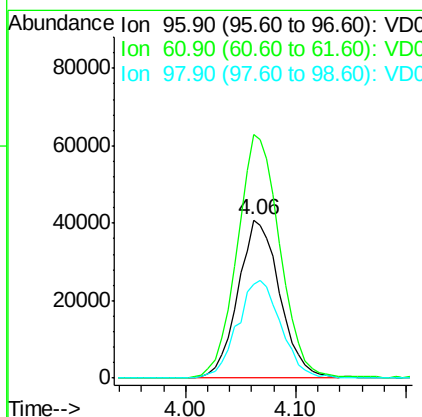
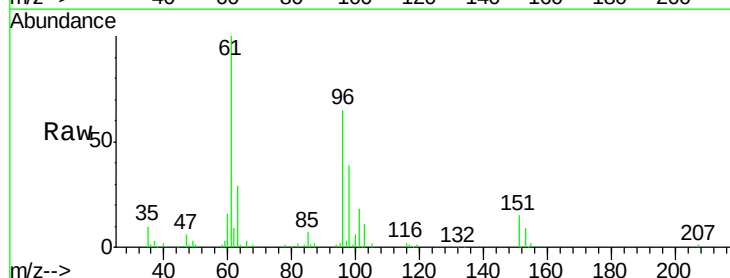
MMDadoda
7/29/2020 7:05:58 PM

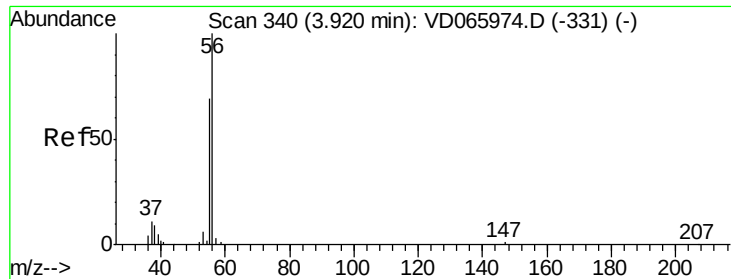


#12

1,1-Dichloroethene
Concen: 51.750 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 96 Resp: 108086
Ion Ratio Lower Upper
96 100
61 153.9 115.4 173.0
98 59.4 51.5 77.3





#13

Acrolein

Concen: 207.635 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 35958

Ion Ratio Lower Upper

56 100

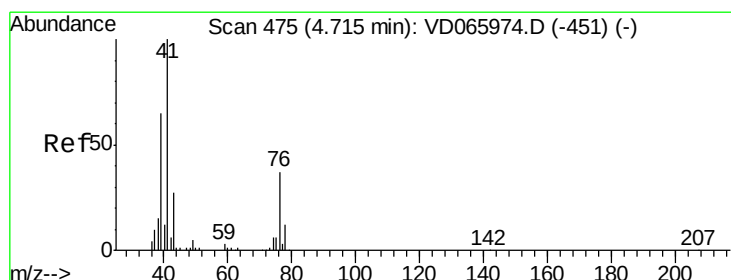
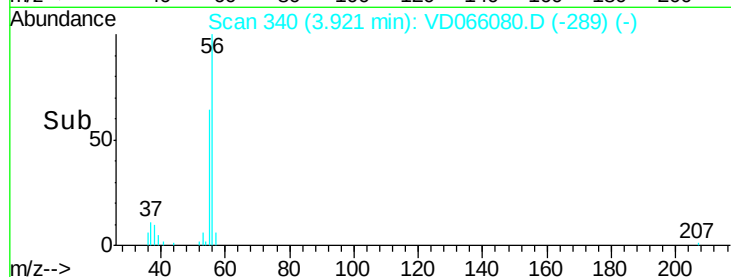
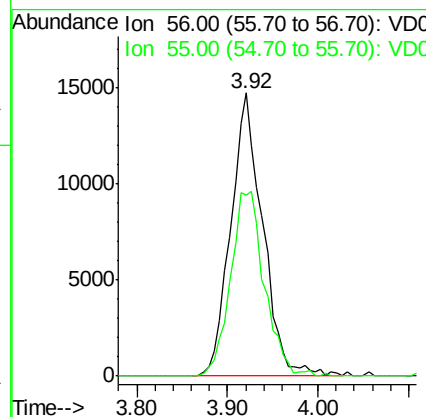
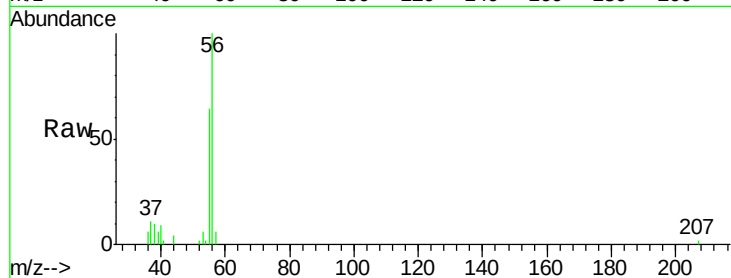
55 68.9 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 50.967 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

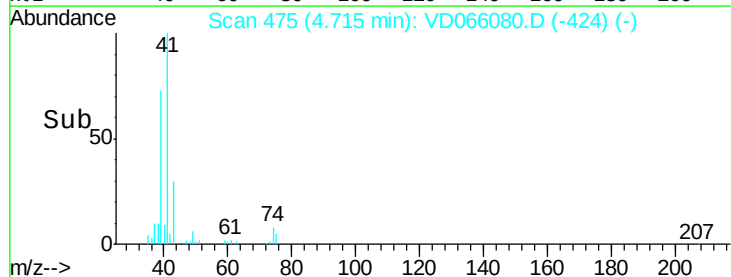
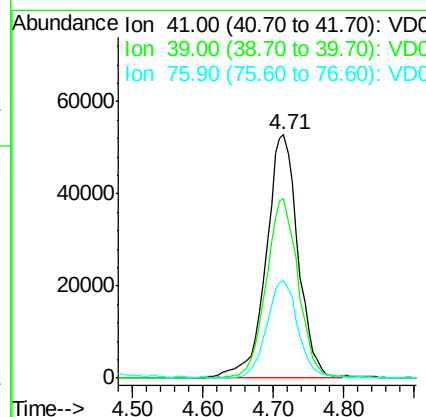
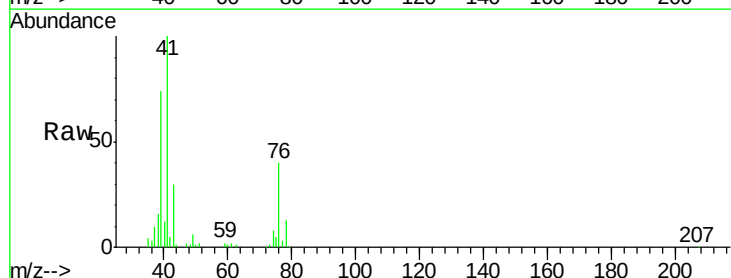
Tgt Ion: 41 Resp: 166402

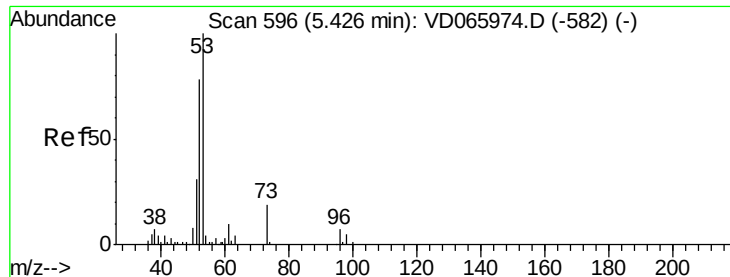
Ion Ratio Lower Upper

41 100

39 74.5 53.4 80.2

76 39.2 29.1 43.7





#15

Acrylonitrile

Concen: 270.861 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 115908

Ion Ratio Lower Upper

53 100

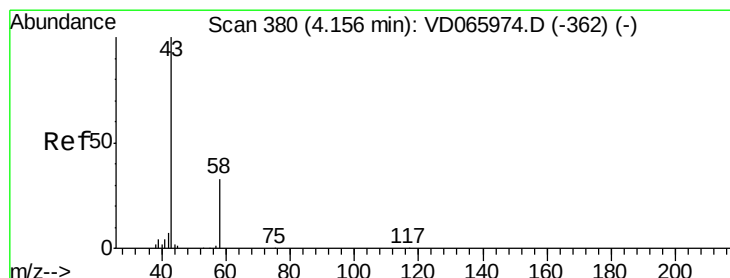
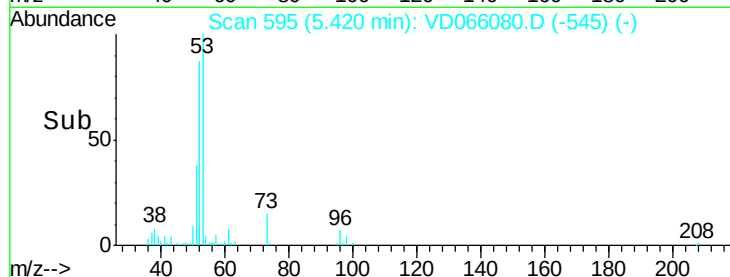
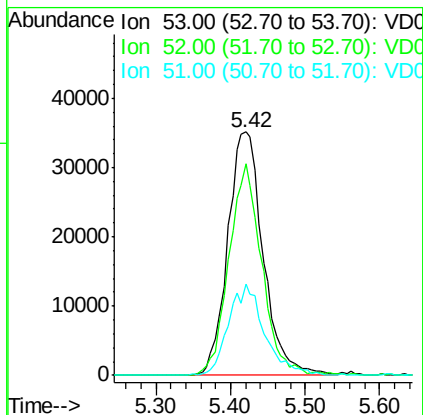
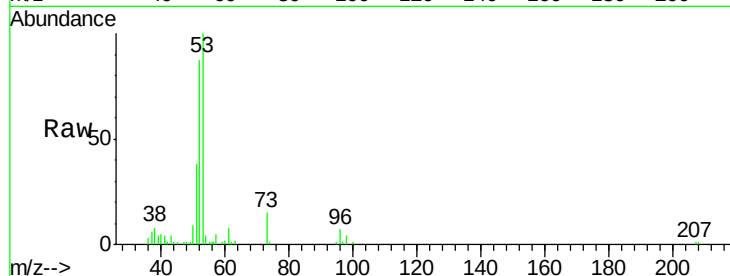
52 80.2 67.1 100.7

51 38.0 28.7 43.1

Manual Integrations
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#16

Acetone

Concen: 233.347 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066080.D

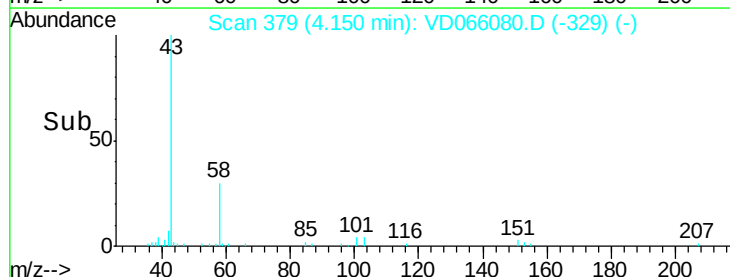
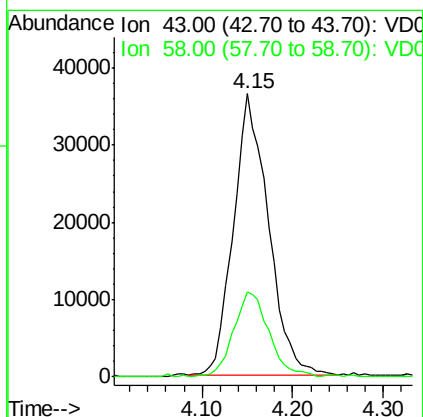
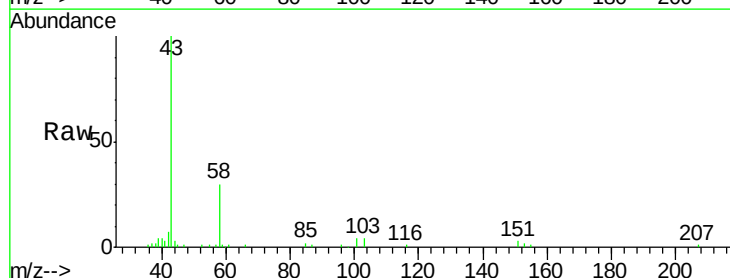
Acq: 28 Jul 2020 16:36

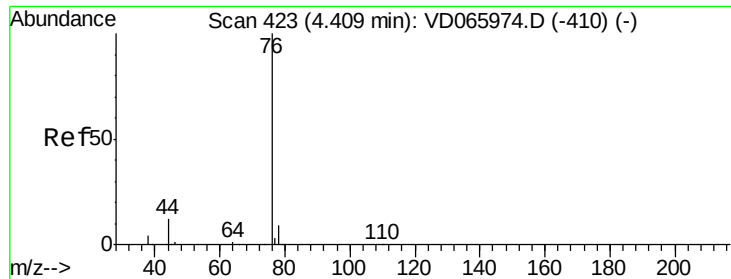
Tgt Ion: 43 Resp: 97086

Ion Ratio Lower Upper

43 100

58 30.3 26.3 39.5





#17

Carbon Disulfide

Concen: 46.795 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 317031

Ion Ratio Lower Upper

76 100

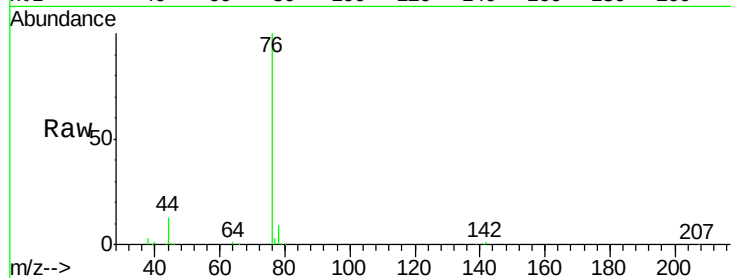
78 9.5 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

120000

100000

80000

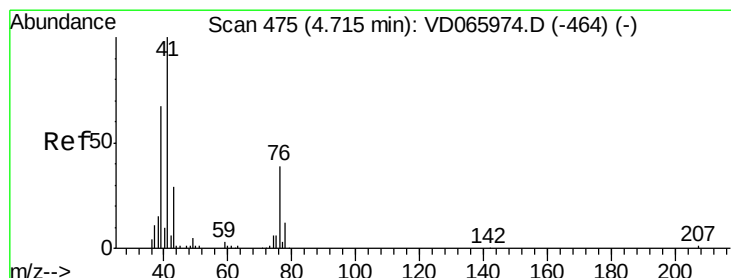
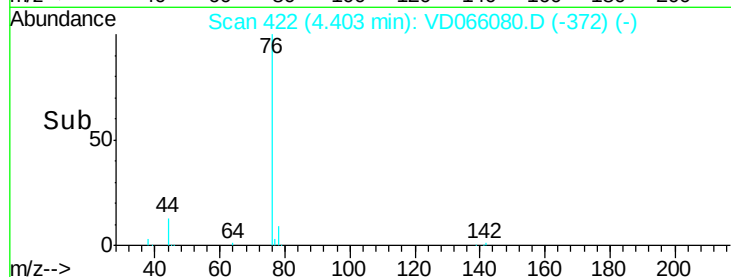
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.854 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066080.D

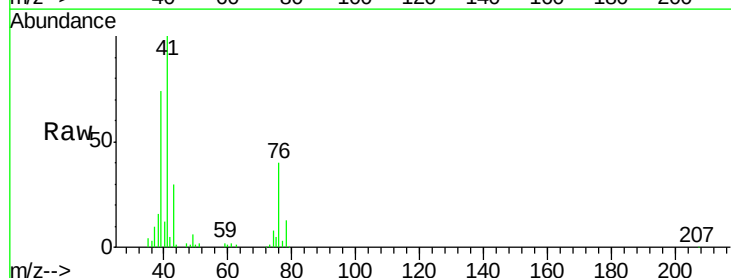
Acq: 28 Jul 2020 16:36

Tgt Ion: 43 Resp: 49220

Ion Ratio Lower Upper

43 100

74 26.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

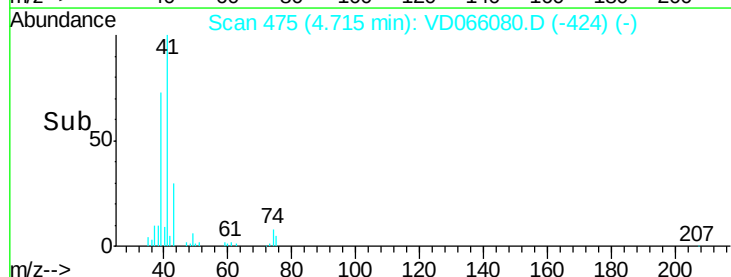
15000

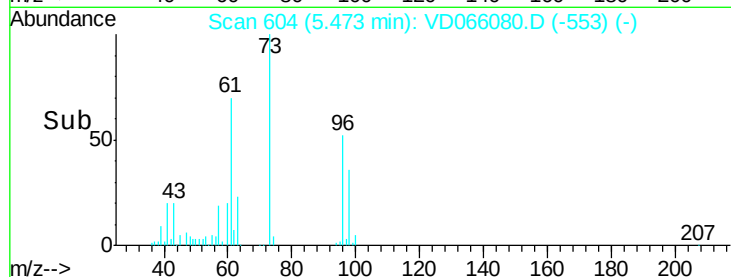
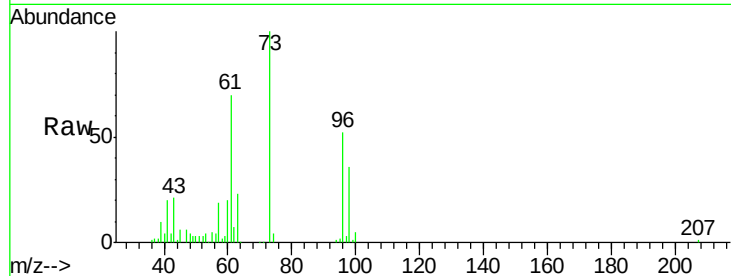
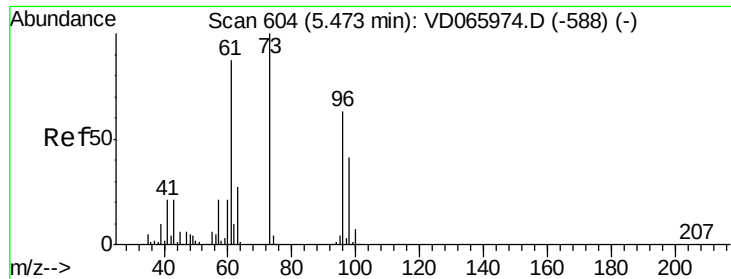
10000

5000

0

Time-->





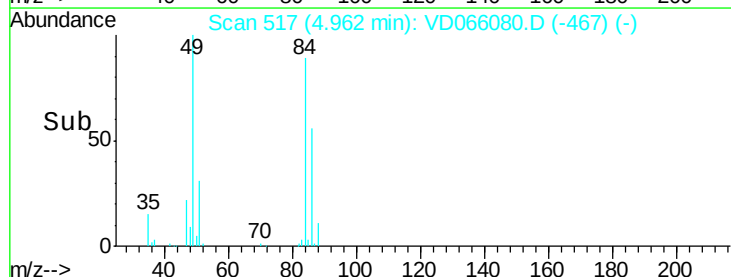
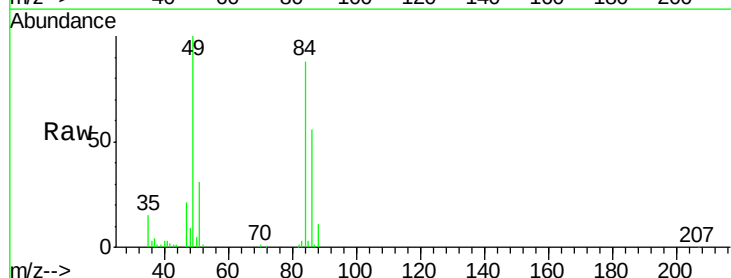
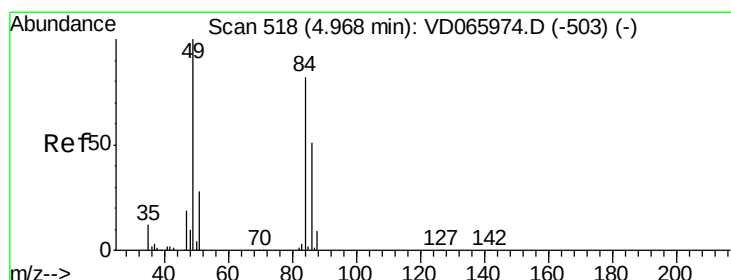
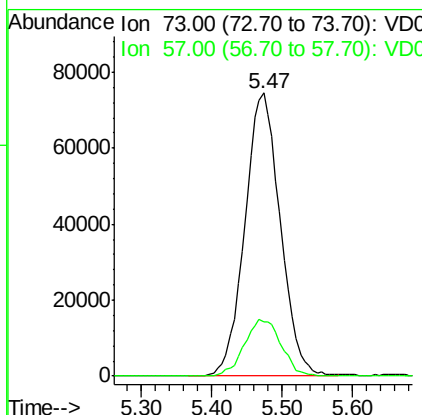
#19
Methyl tert-butyl Ether
Concen: 60.771 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 73 Resp: 260789
Ion Ratio Lower Upper
73 100
57 19.1 17.0 25.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

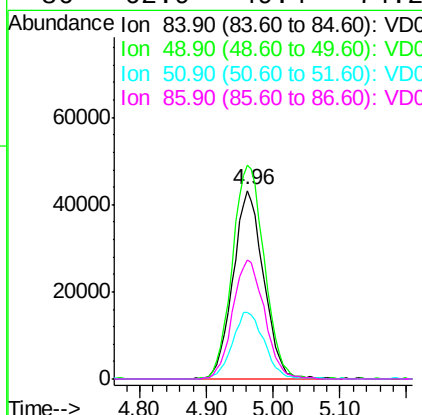
Manual Integrations
APPROVED

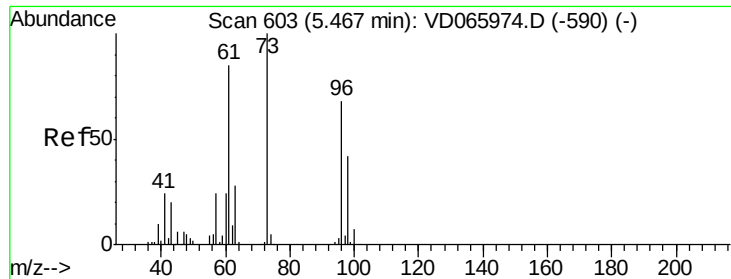
MMDadoda
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#20
Methylene Chloride
Concen: 60.484 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 84 Resp: 137716
Ion Ratio Lower Upper
84 100
49 113.3 97.7 146.5
51 35.2 27.4 41.2
86 62.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 53.634 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

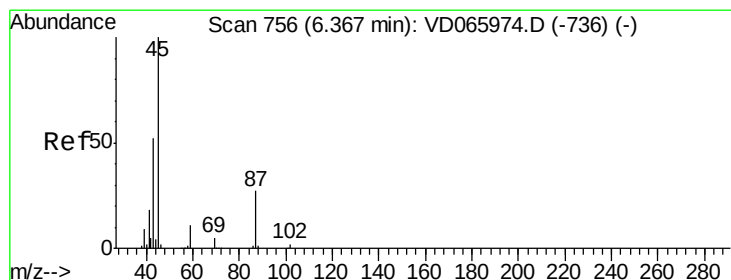
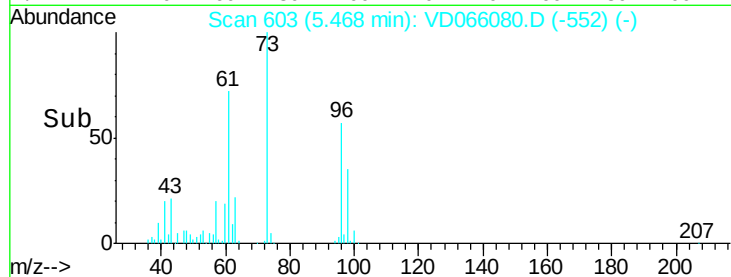
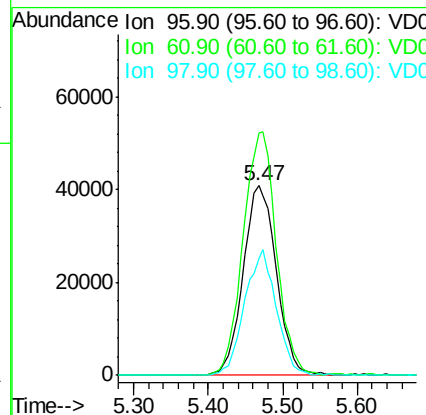
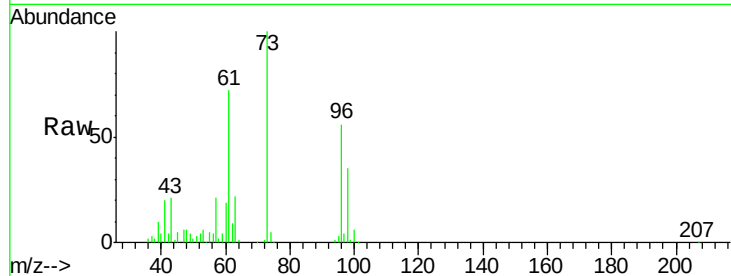
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	126607
Ion	Ratio	Lower	Upper
96	100		
61	128.0	100.5	150.7
98	61.7	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.041 ug/l

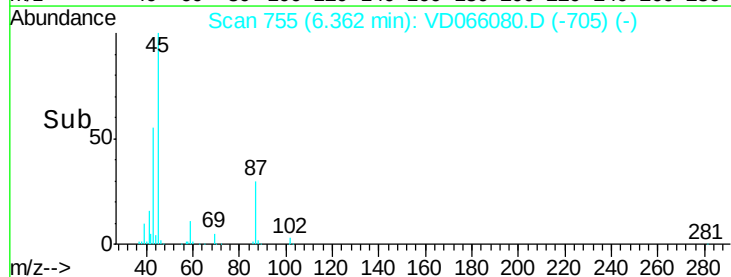
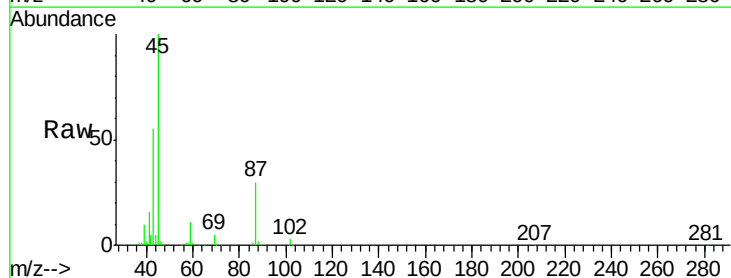
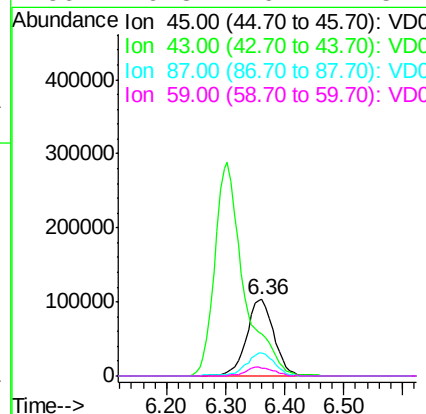
RT: 6.36 min Scan# 755

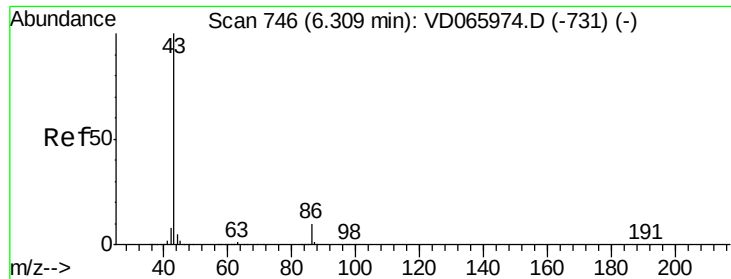
Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Tgt Ion:	45	Resp:	335198
Ion	Ratio	Lower	Upper
45	100		
43	54.3	43.0	64.4
87	29.3	22.0	33.0
59	10.8	9.1	13.7





#23

Vinyl Acetate

Concen: 281.793 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 985750

Ion Ratio Lower Upper

43 100

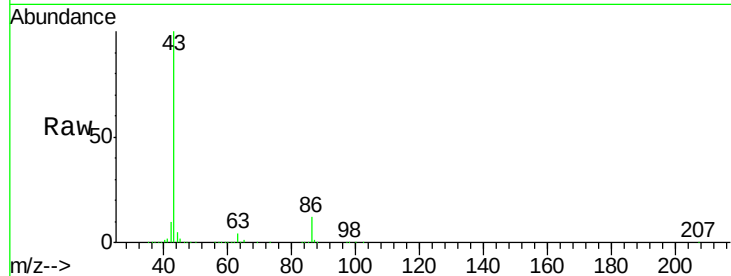
86 11.5 7.9 11.9

Manual Integrations

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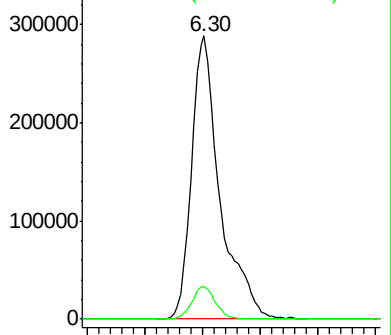
MMDadoda

7/29/2020 7:05:58 PM

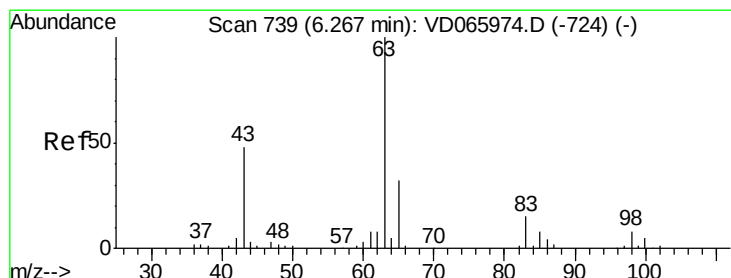
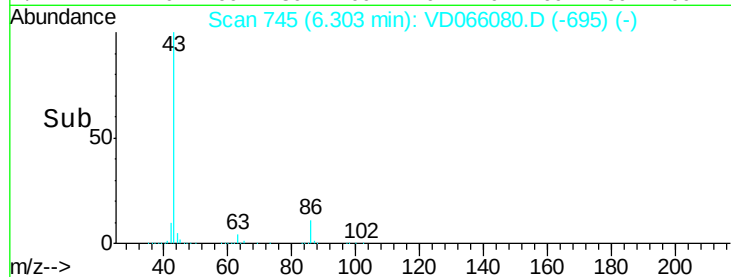


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 55.072 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

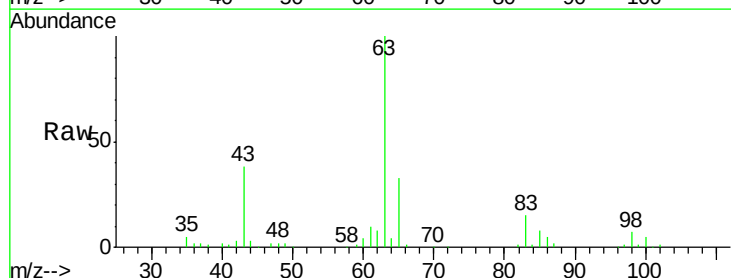
Tgt Ion: 63 Resp: 206975

Ion Ratio Lower Upper

63 100

98 7.3 4.3 12.8

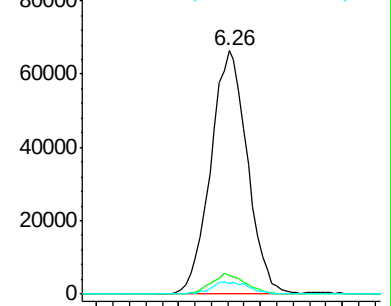
100 4.6 2.5 7.5



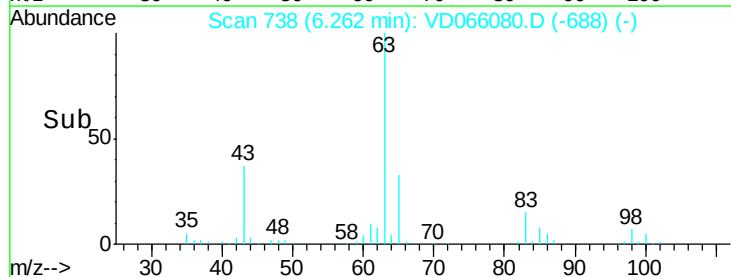
Abundance Ion 62.90 (62.60 to 63.60): VDC

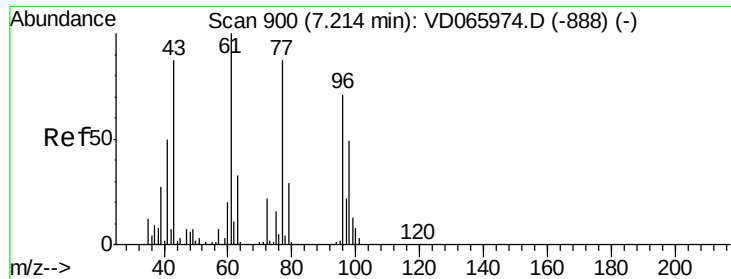
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 258.608 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 142771

Ion Ratio Lower Upper

43 100

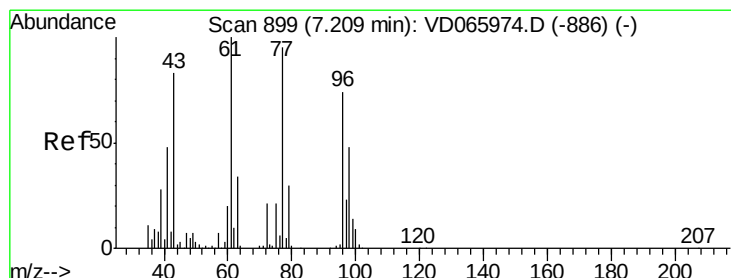
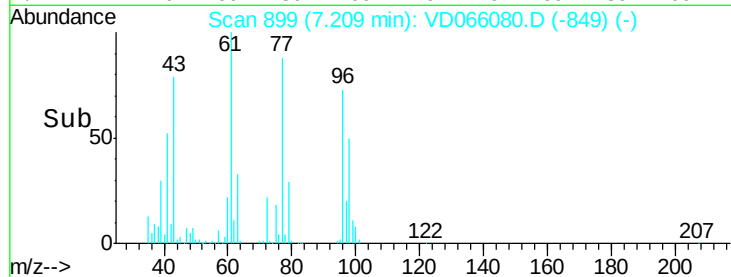
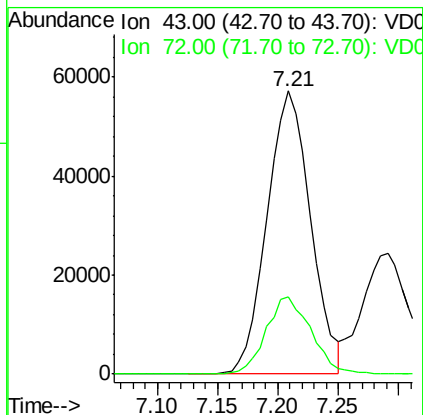
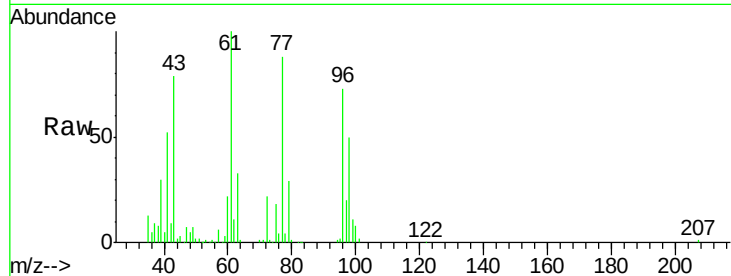
72 27.2 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 57.191 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066080.D

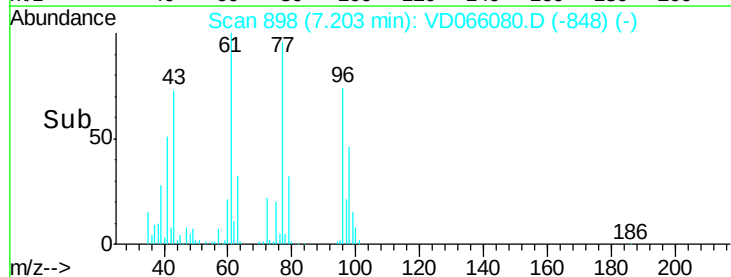
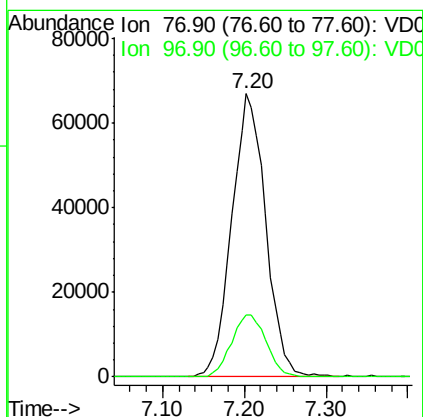
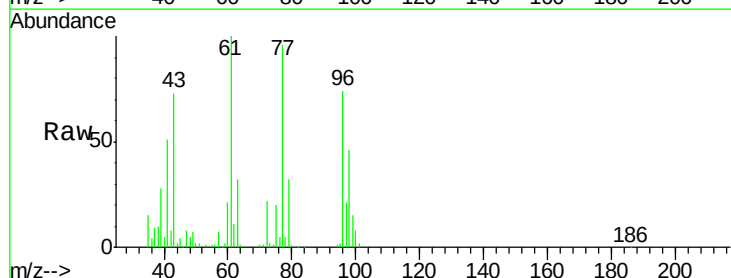
Acq: 28 Jul 2020 16:36

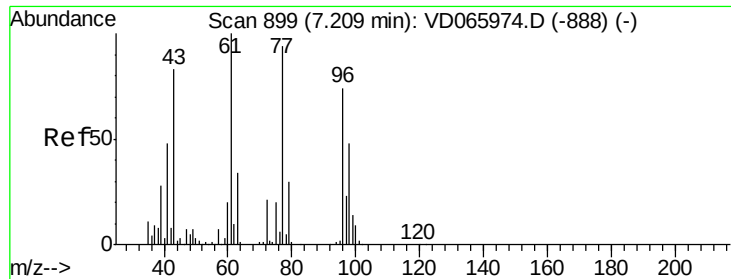
Tgt Ion: 77 Resp: 193285

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7





#27

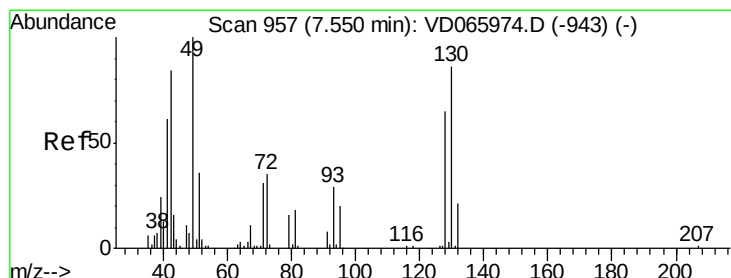
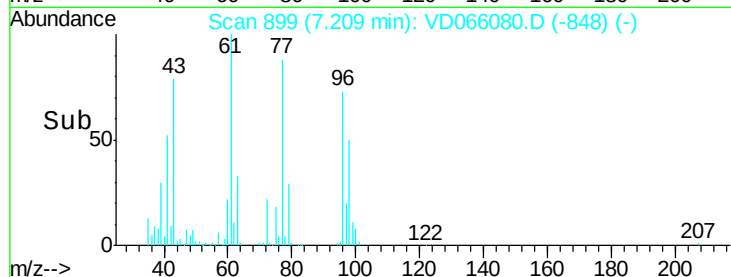
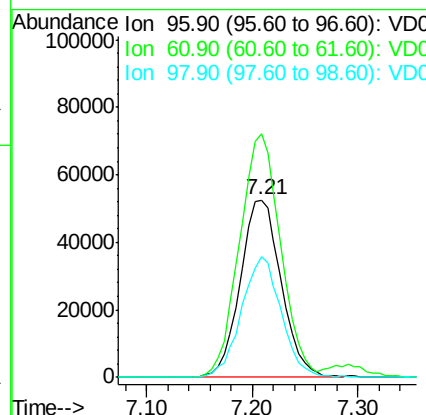
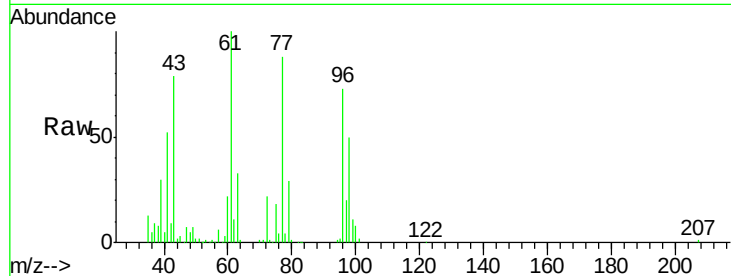
cis-1,2-Dichloroethene
Concen: 56.408 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	140982		
61	137.7	0.0	276.6	
98	66.0	0.0	130.8	

Manual Integrations
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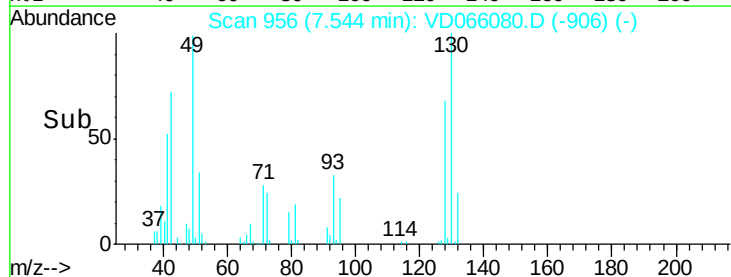
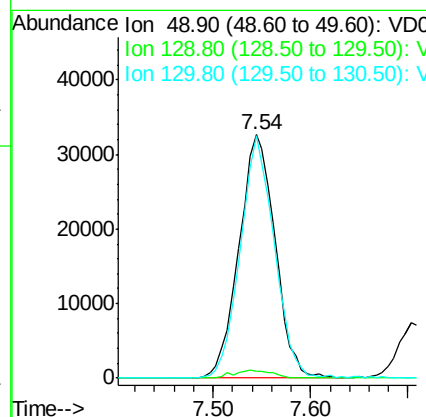
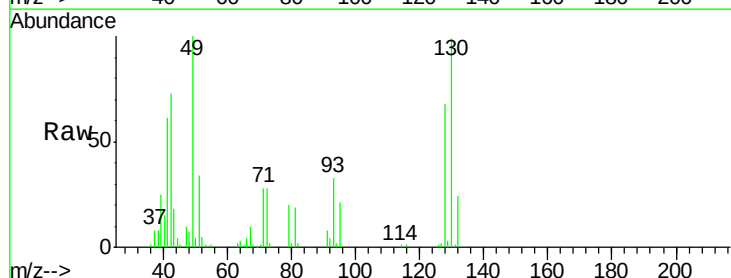
MMDadoda
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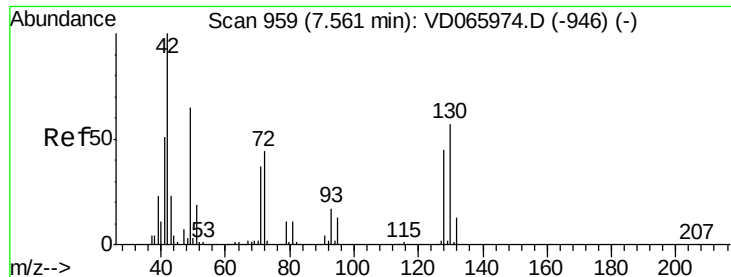


#28

Bromochloromethane
Concen: 52.565 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83848		
129	3.5	0.0	4.8	
130	93.8	68.4	102.6	





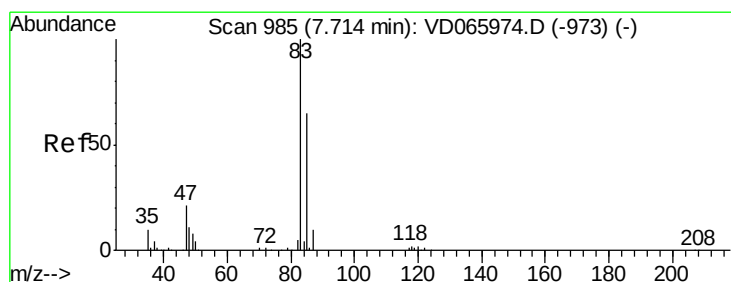
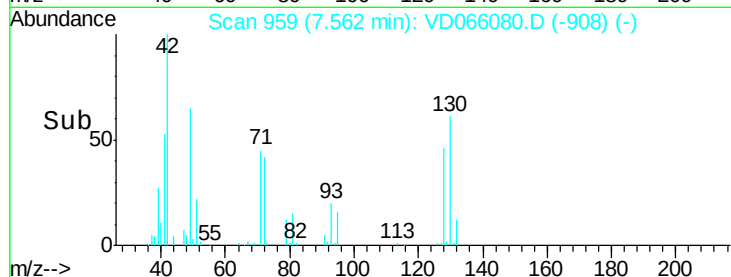
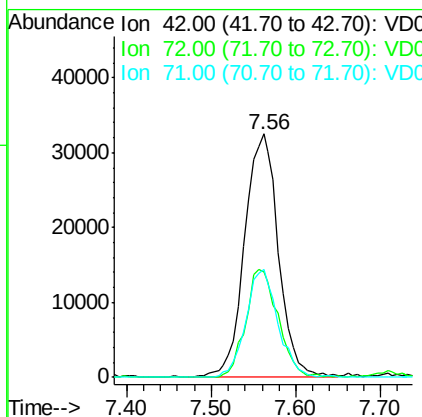
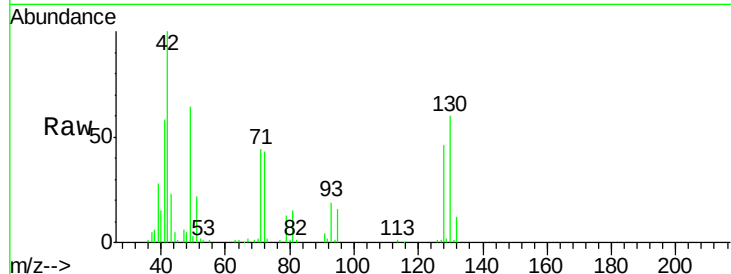
#29
Tetrahydrofuran
Concen: 266.026 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 90617
Ion Ratio Lower Upper
42 100
72 42.6 34.2 51.2
71 41.8 31.4 47.2

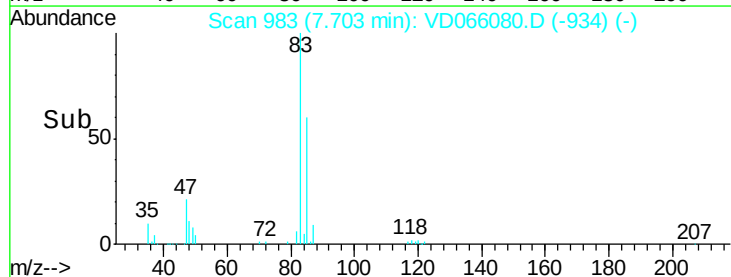
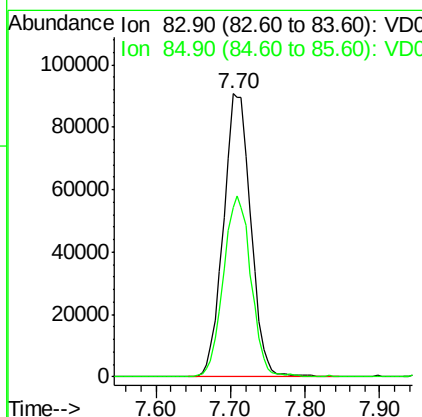
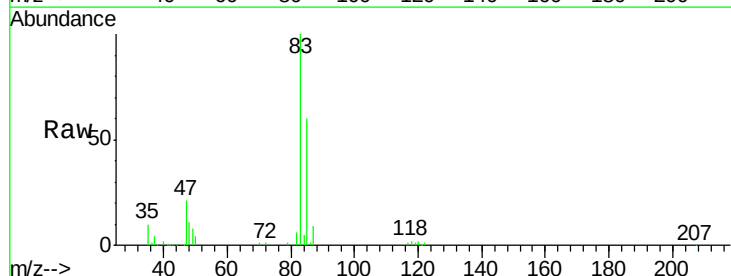
Manual Integrations
APPROVED

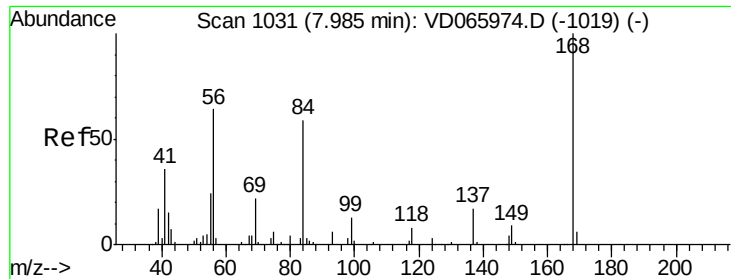
MMDadoda
7/29/2020 7:05:58 PM



#30
Chloroform
Concen: 58.960 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 83 Resp: 231788
Ion Ratio Lower Upper
83 100
85 60.1 52.1 78.1





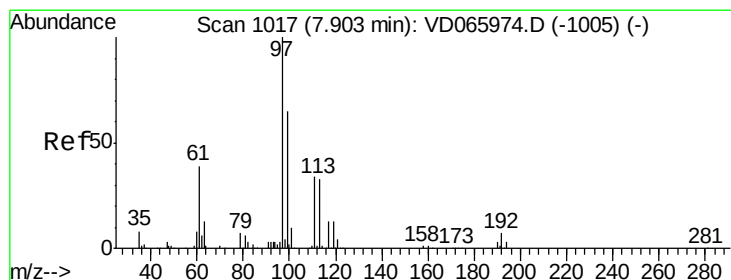
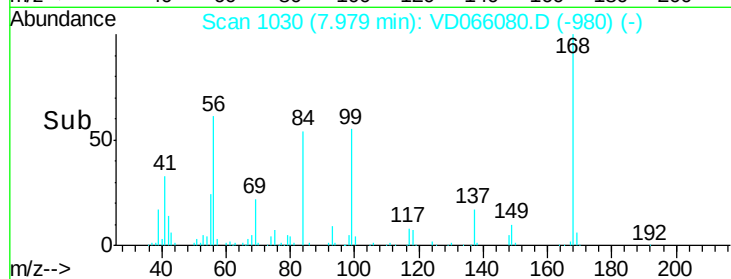
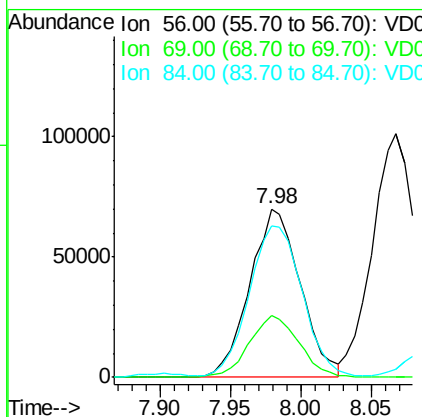
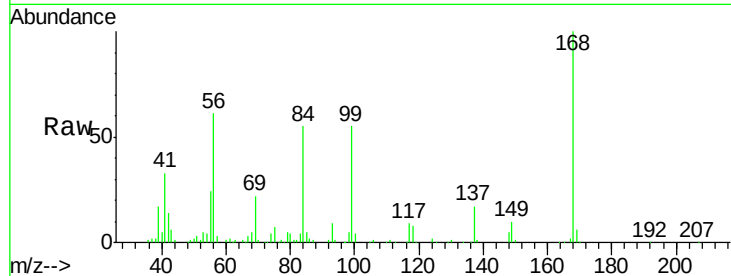
#31
Cyclohexane
Concen: 47.566 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.7	28.0	42.0
84	89.1	72.6	109.0

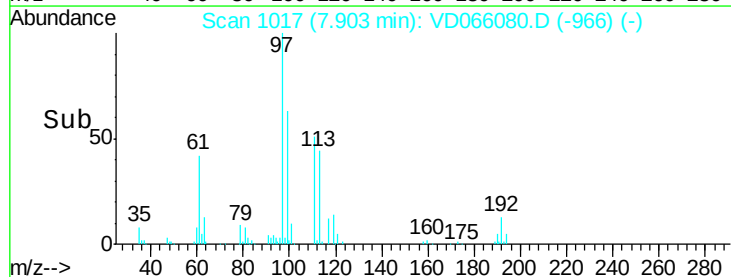
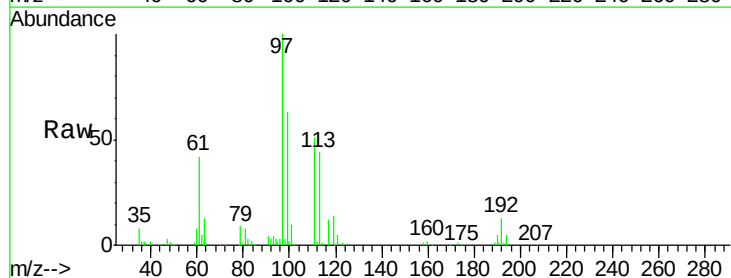
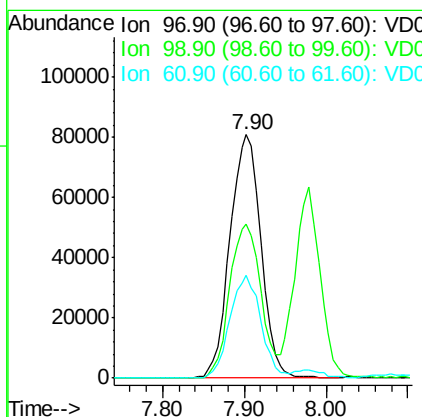
Manual Integrations
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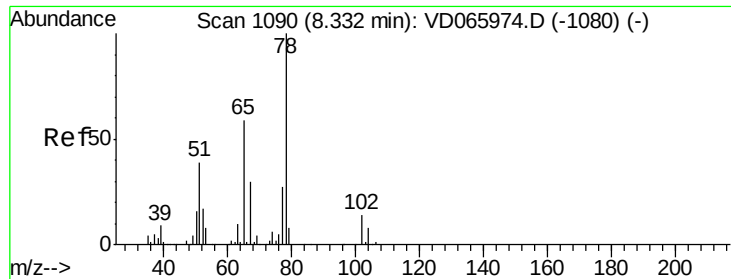
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 58.829 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	42.0	33.3	49.9





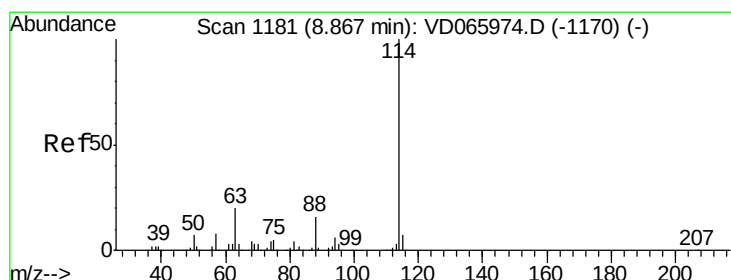
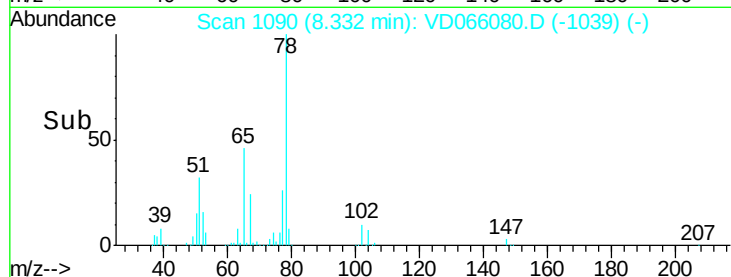
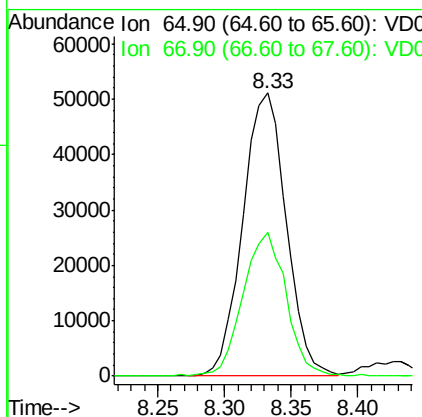
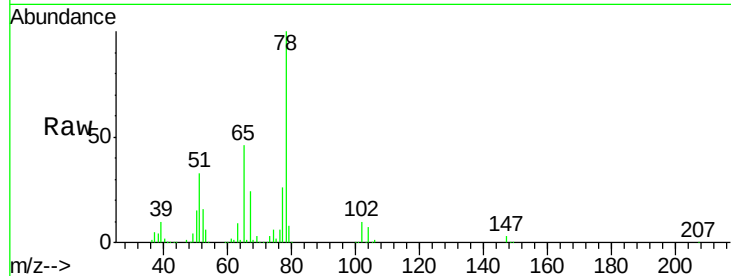
#33
 1,2-Dichloroethane-d4
 Concen: 56.117 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	115348		
67	50.4	0.0	105.0	

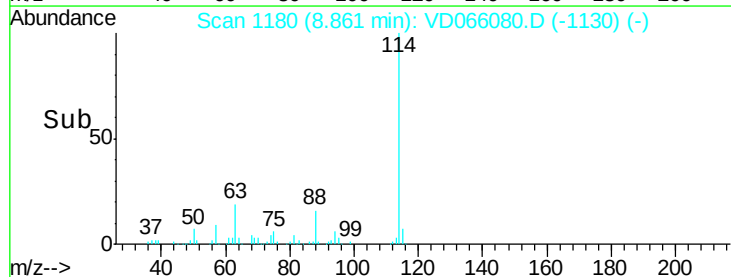
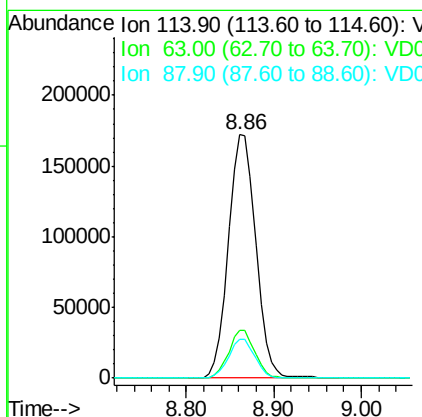
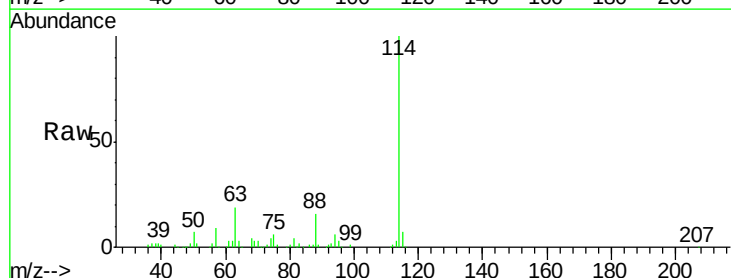
Manual Integrations
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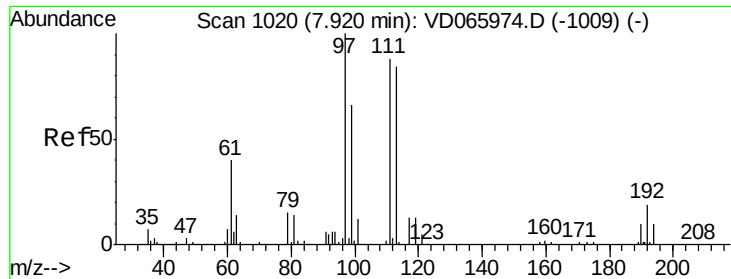
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367965		
63	19.4	0.0	39.6	
88	15.8	0.0	31.2	





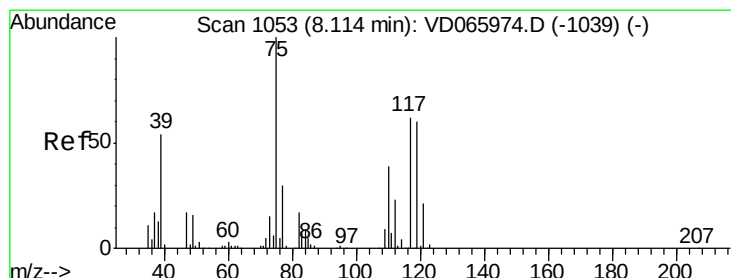
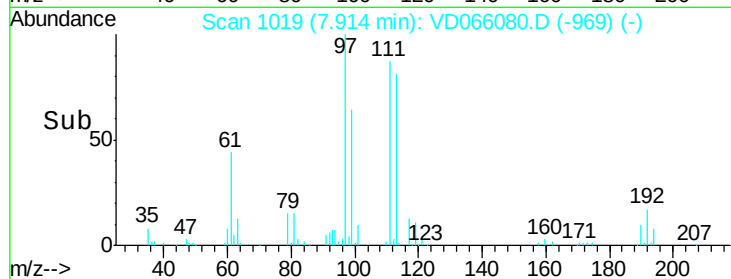
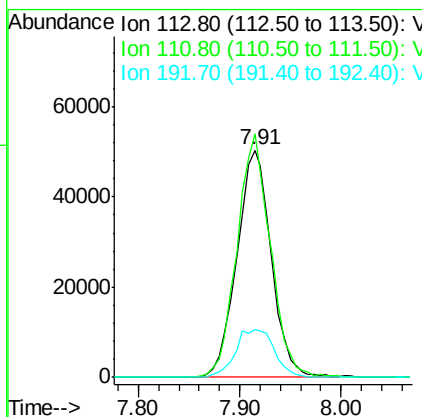
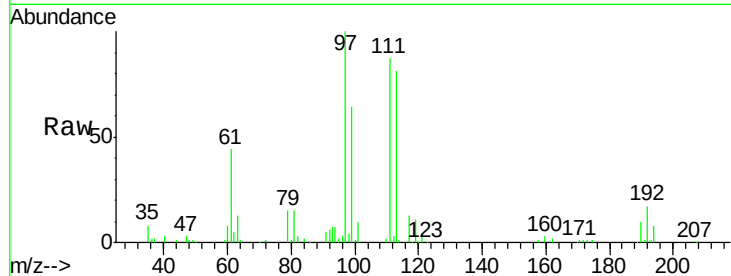
#35
Dibromofluoromethane
Concen: 52.955 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118187		
111	104.6	83.2	124.8	
192	23.8	18.7	28.1	

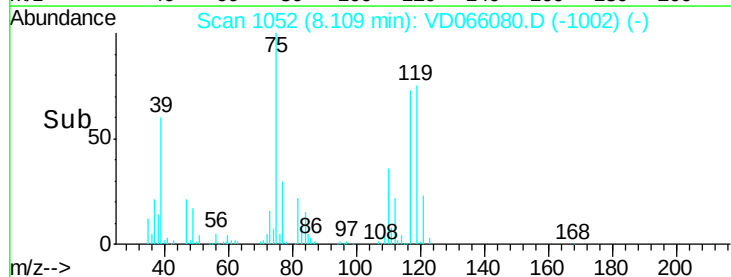
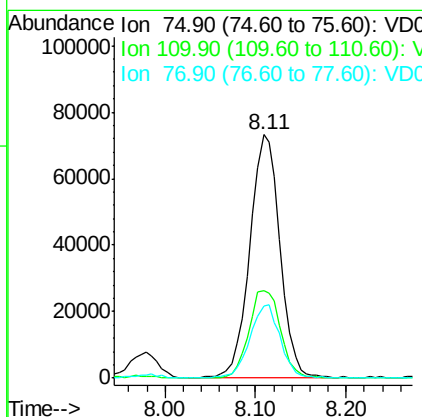
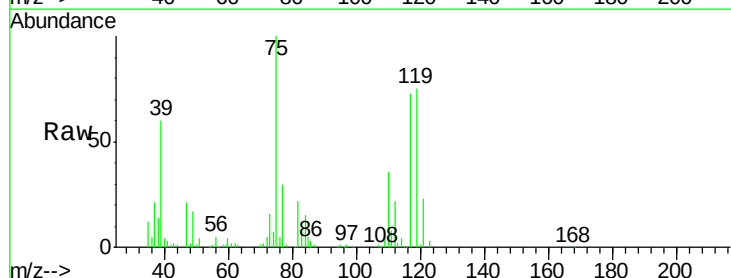
Manual Integrations
APPROVED

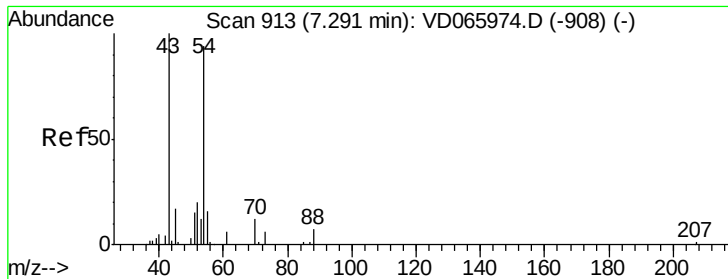
MMDadoda
7/29/2020 7:05:58 PM



#36
1,1-Dichloropropene
Concen: 53.442 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167831		
110	38.1	19.5	58.5	
77	30.3	24.7	37.1	





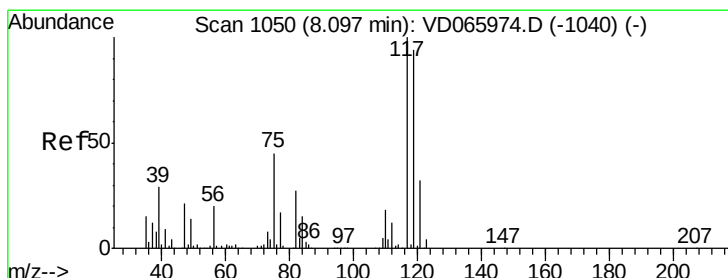
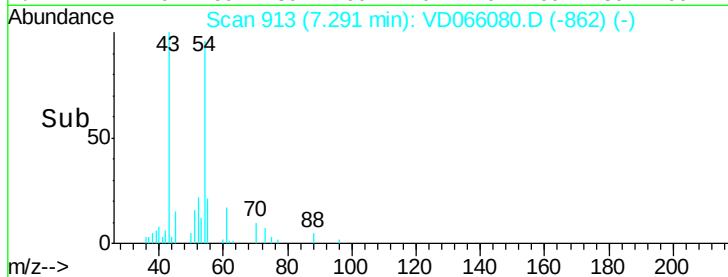
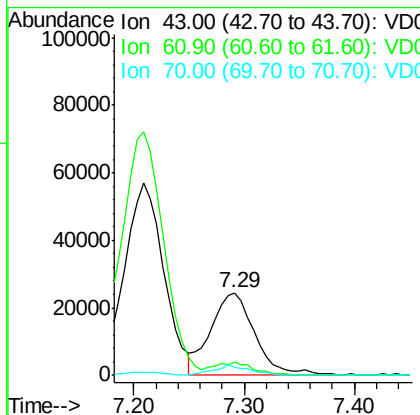
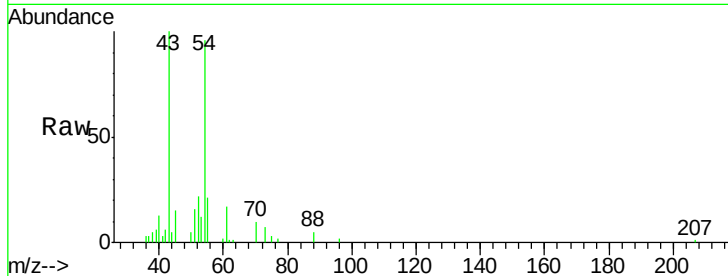
#37
Ethyl Acetate
Concen: 55.906 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.4	17.0
70	10.4	9.3	13.9

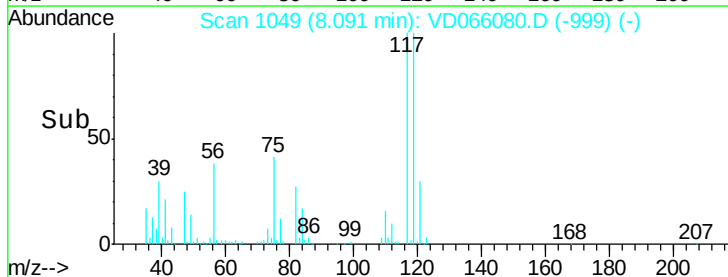
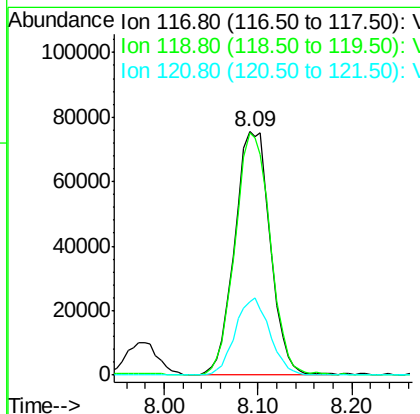
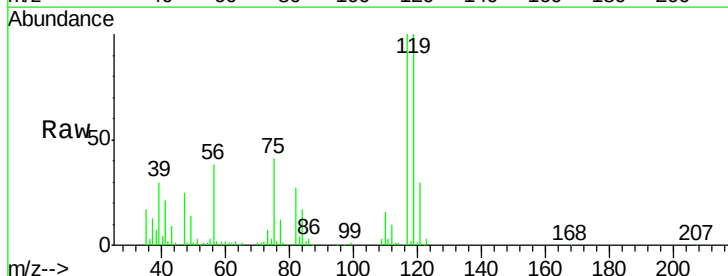
Manual Integrations
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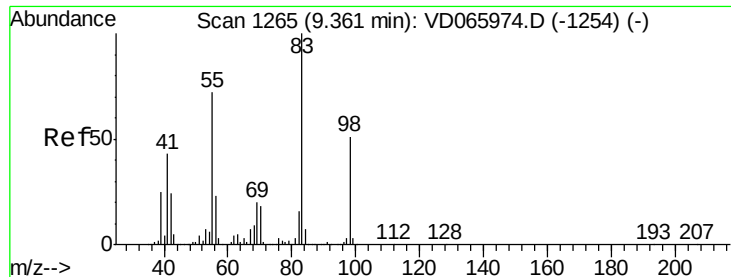
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#38
Carbon Tetrachloride
Concen: 57.767 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.0	112.6
121	30.2	25.5	38.3





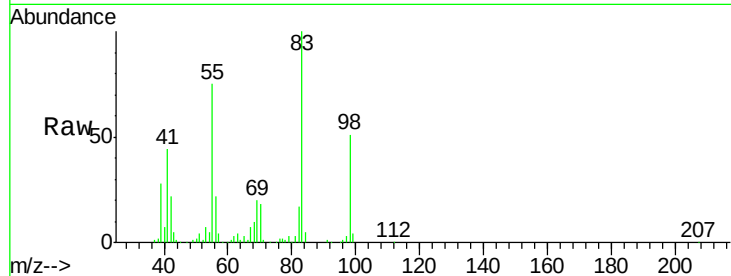
#39
Methylcyclohexane
Concen: 53.493 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

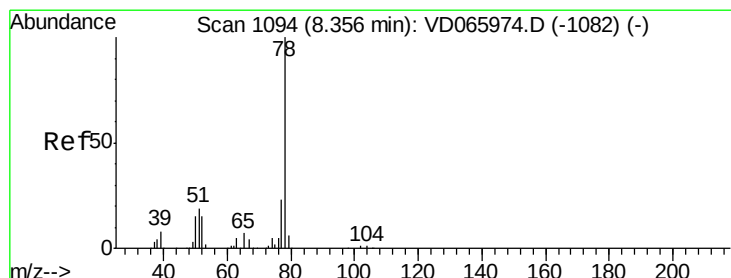
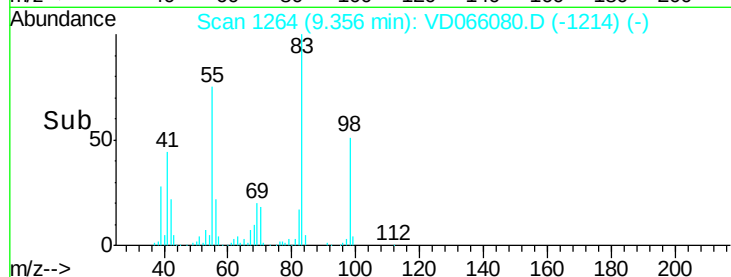
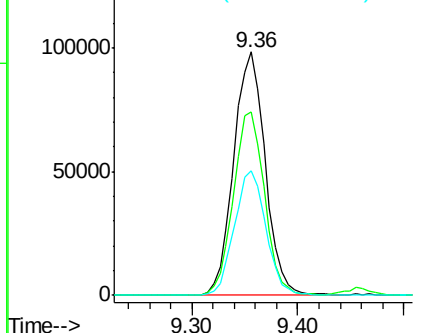
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.3	57.3	85.9
98	50.9	41.0	61.6

Manual Integrations
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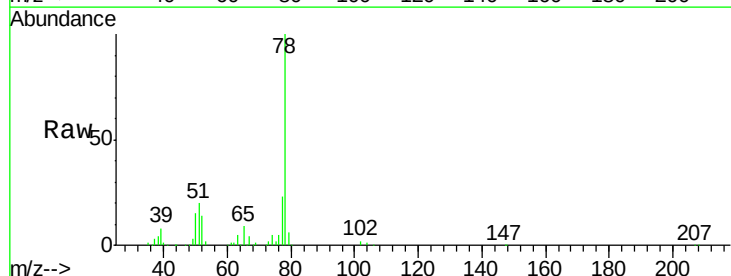


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

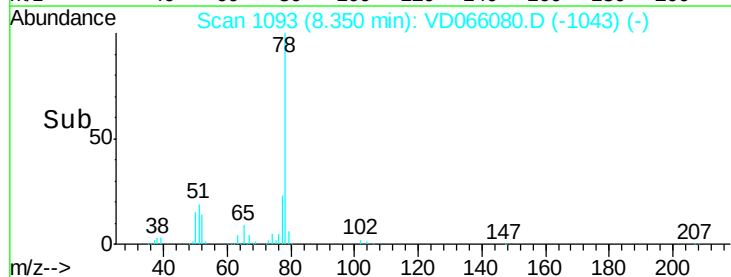
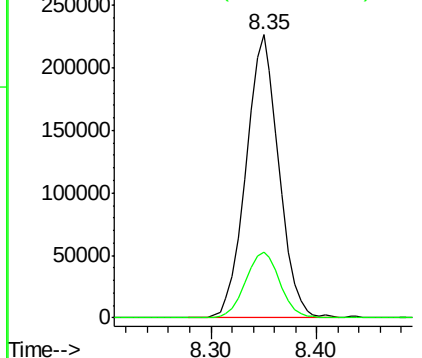


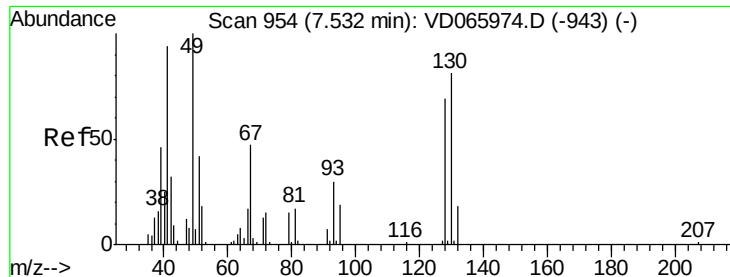
#40
Benzene
Concen: 55.657 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8



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





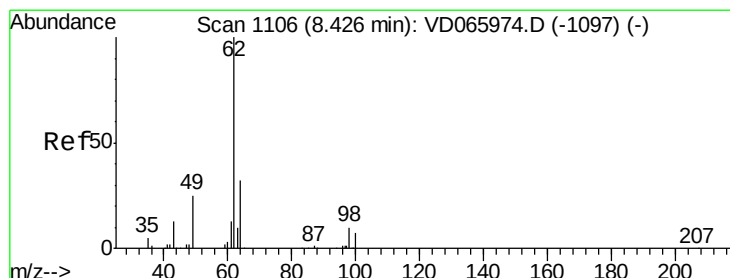
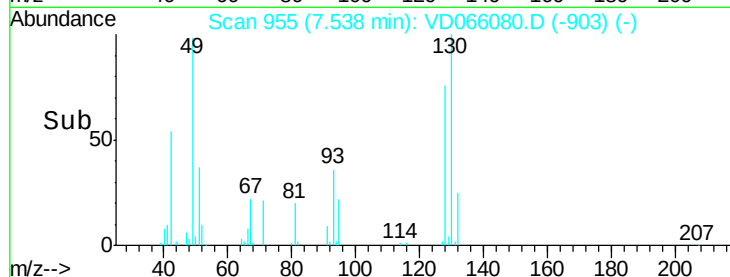
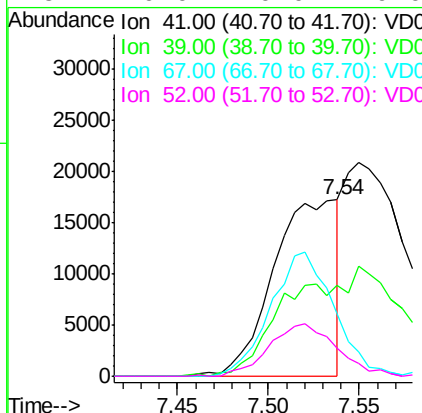
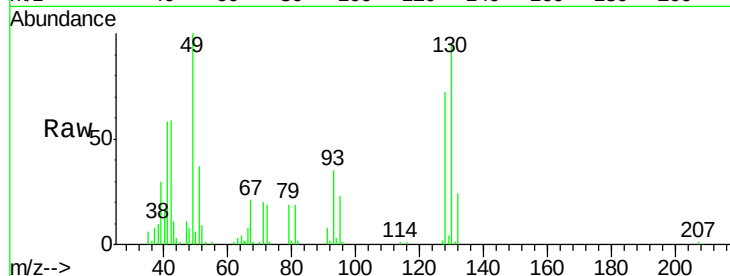
#41
Methacrylonitrile
Concen: 62.833 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt 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

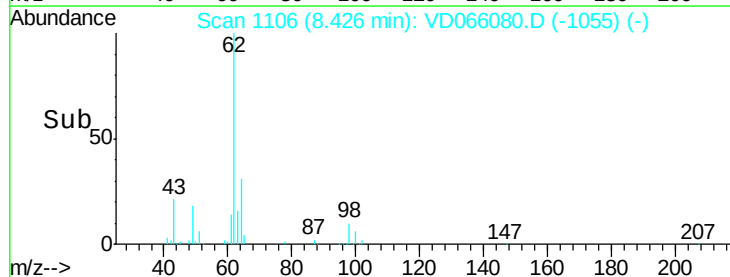
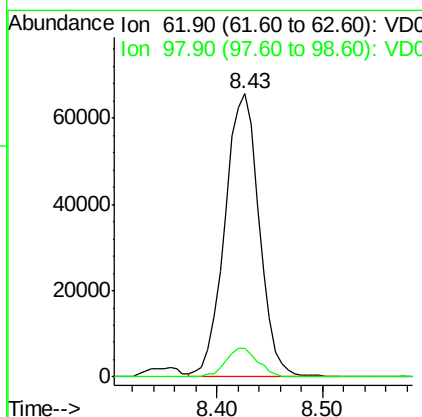
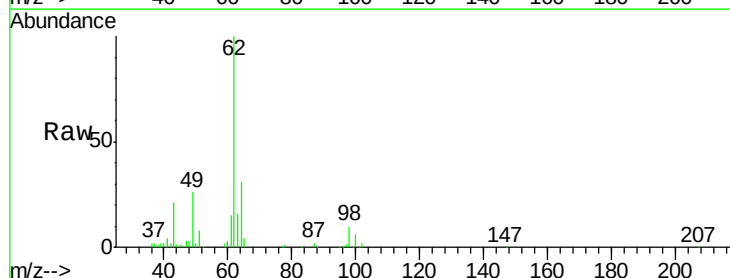
Manual Integrations
APPROVED

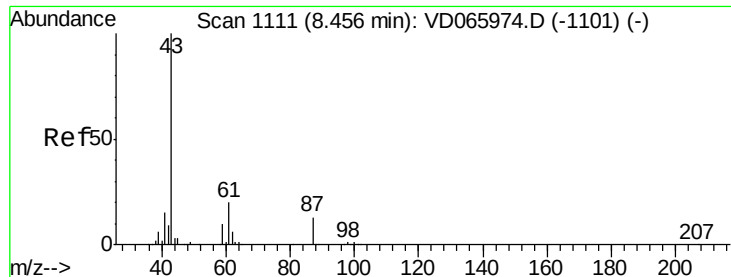
MMDadoda
7/29/2020 7:05:58 PM



#42
1,2-Dichloroethane
Concen: 61.024 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 55.762 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

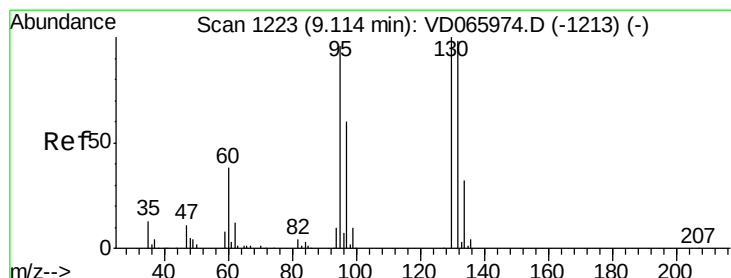
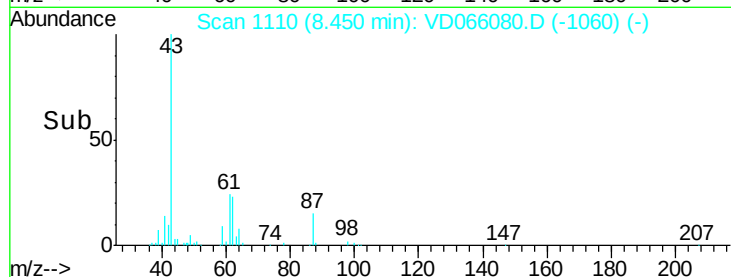
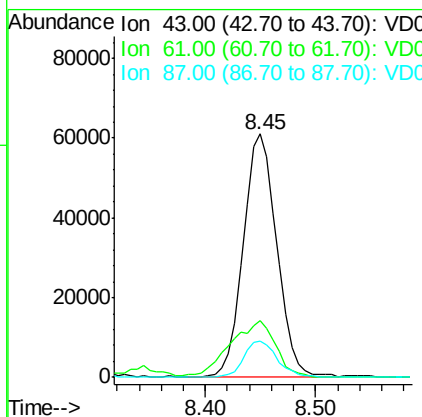
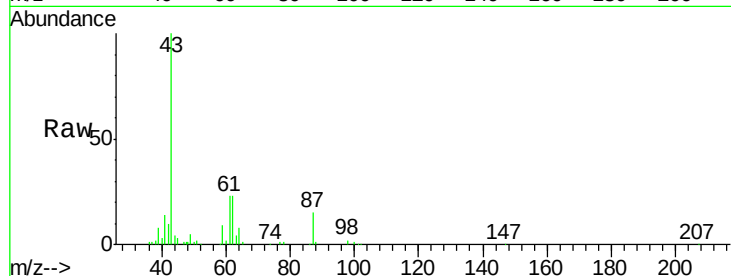
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	130619
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.8	38.8
87	15.1	10.9	16.3

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#44

Trichloroethene

Concen: 54.680 ug/l

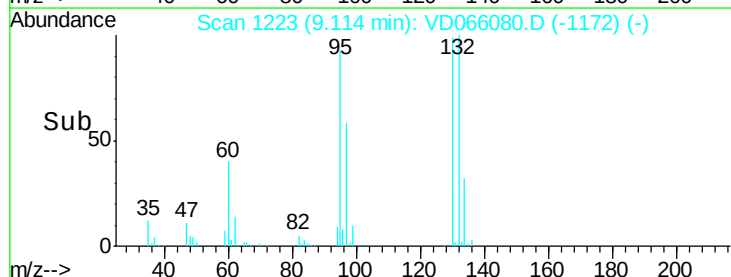
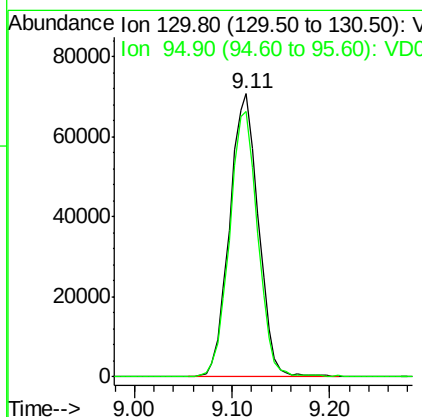
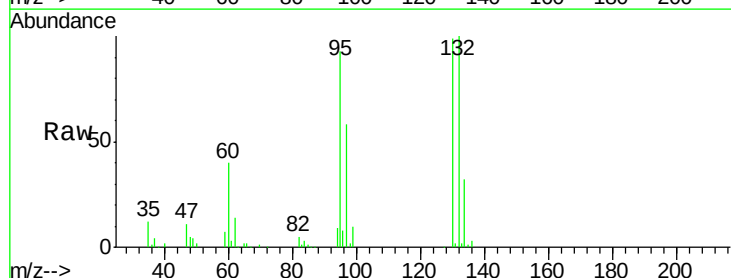
RT: 9.11 min Scan# 1223

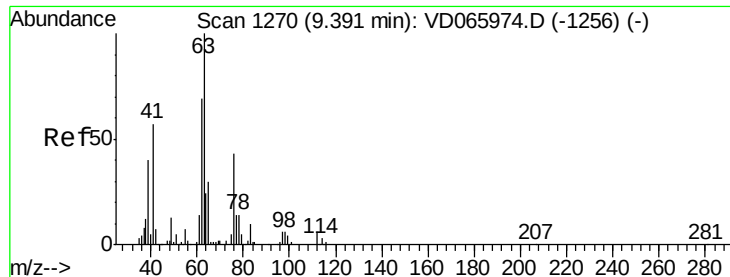
Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Tgt Ion:	130	Resp:	145377
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	191.6





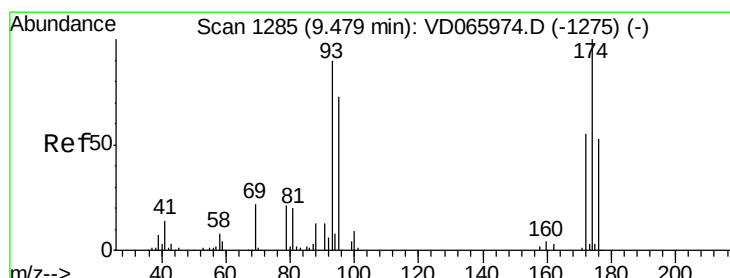
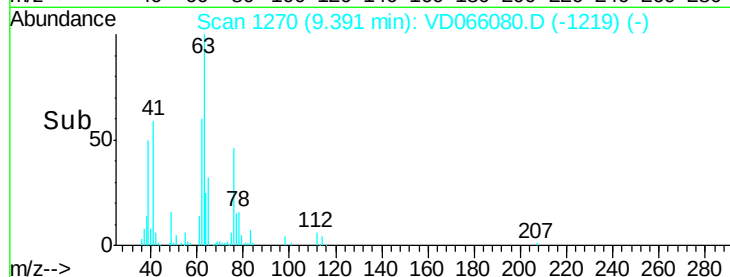
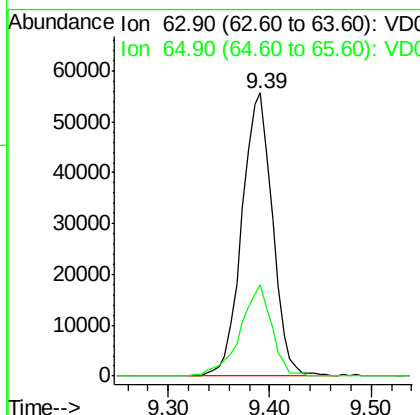
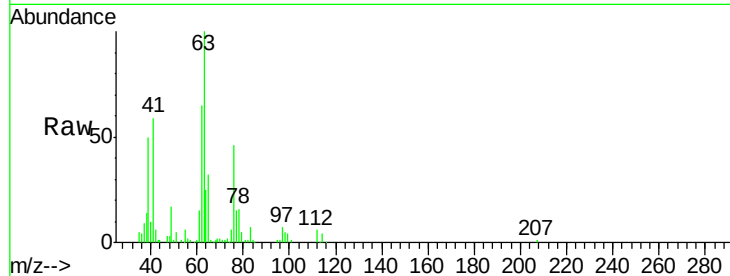
#45
 1,2-Dichloropropane
 Concen: 55.011 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 117056
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.0 36.0

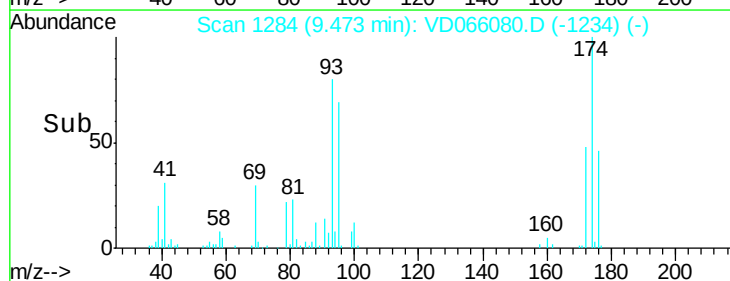
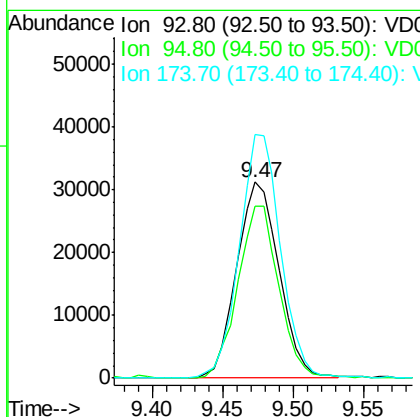
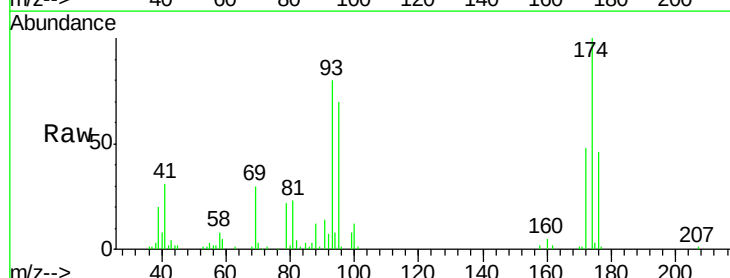
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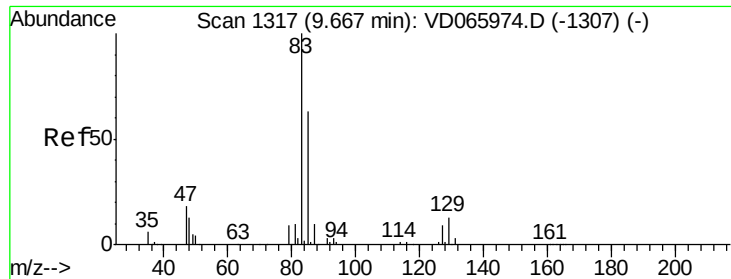
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#46
 Dibromomethane
 Concen: 57.248 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 93 Resp: 65577
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.2 99.4
 174 121.2 91.5 137.3





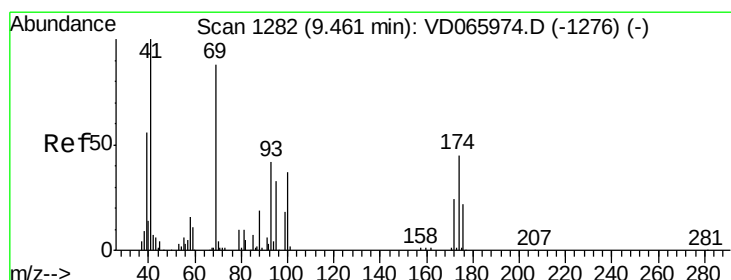
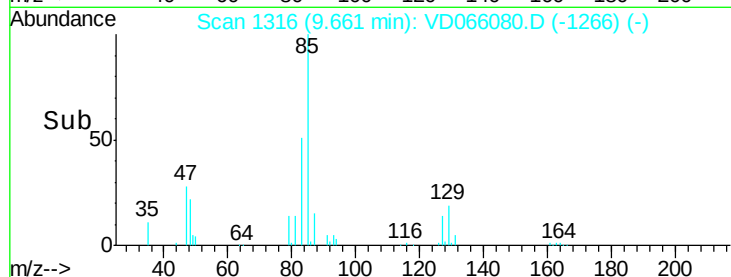
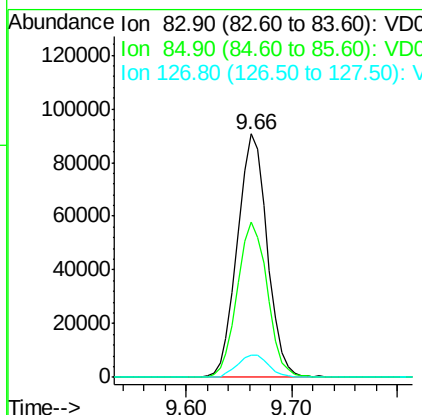
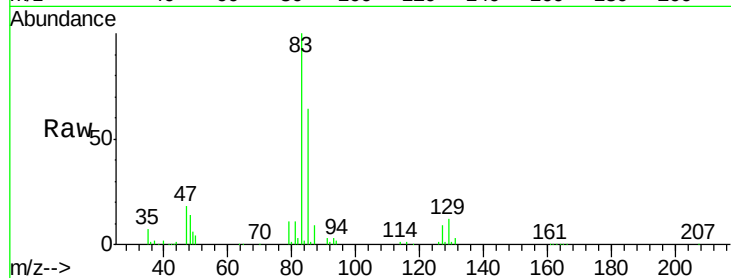
#47
Bromodichloromethane
Concen: 58.820 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8
127	9.1	7.1	10.7

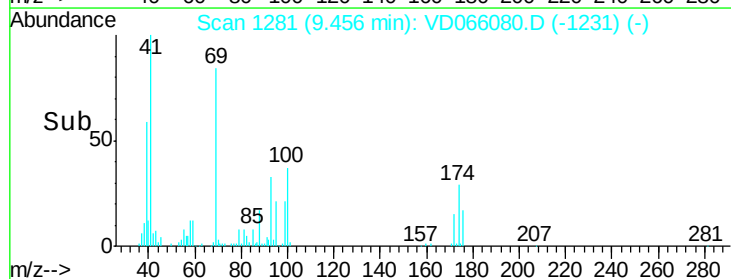
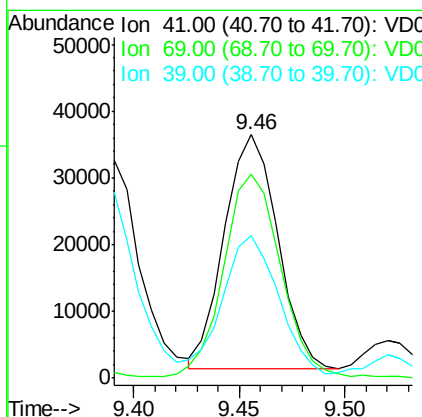
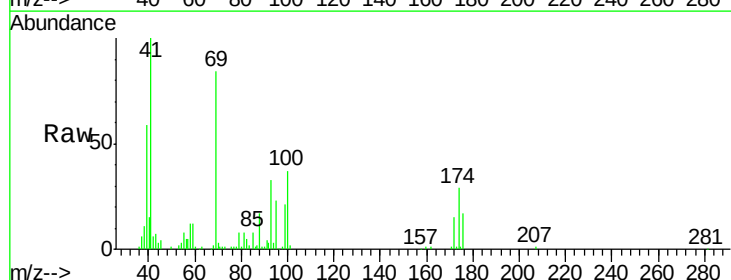
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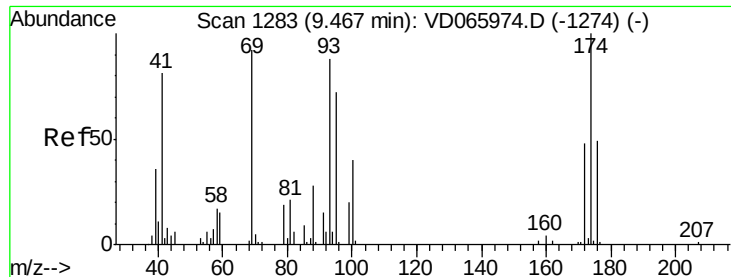
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#48
Methyl methacrylate
Concen: 51.943 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.7	65.1	97.7
39	65.6	41.5	62.3





#49

1,4-Dioxane

Concen: 1162.907 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

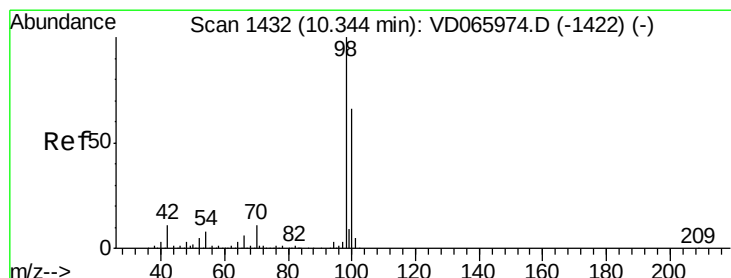
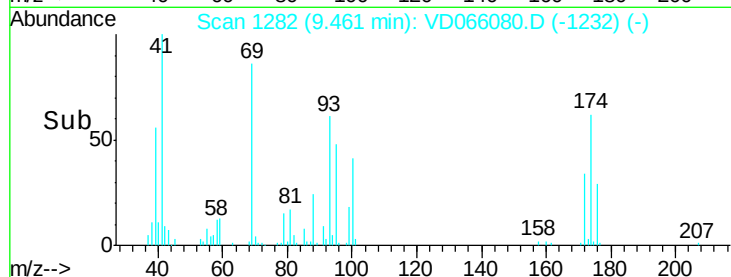
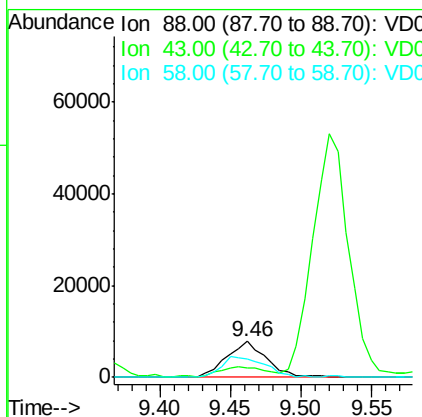
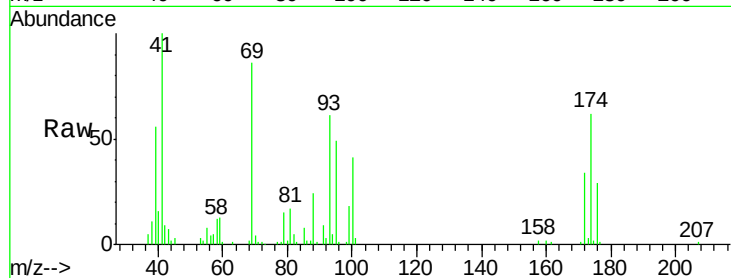
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	15433
Ion	Ratio	Lower	Upper
88	100		
43	36.9	29.0	43.6
58	64.7	57.0	85.4

Manual Integrations
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#50

Toluene-d8

Concen: 54.664 ug/l

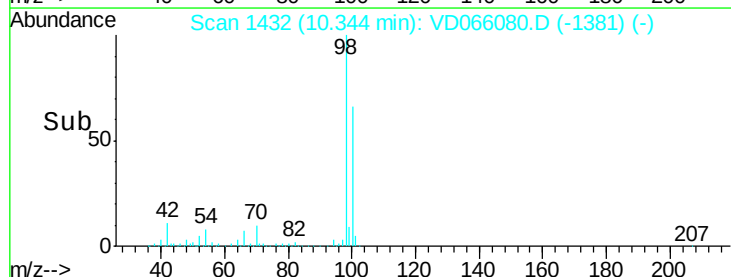
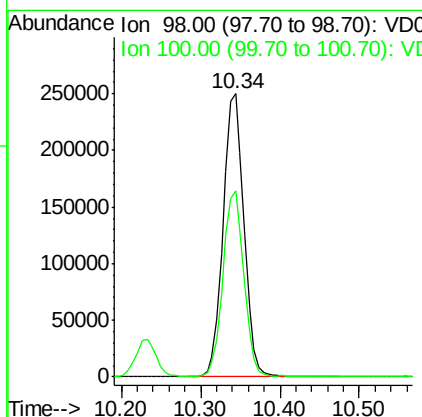
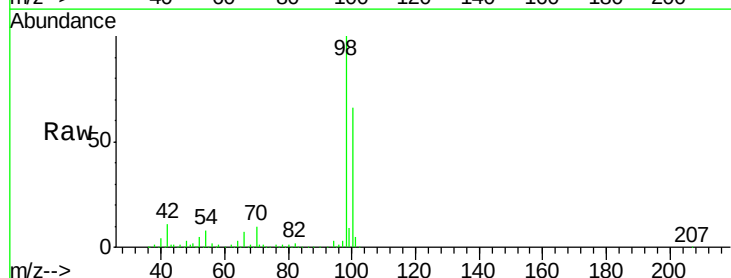
RT: 10.34 min Scan# 1432

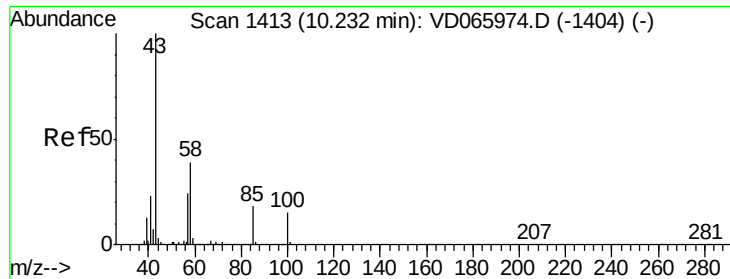
Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Tgt Ion:	98	Resp:	454482
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.7	79.1





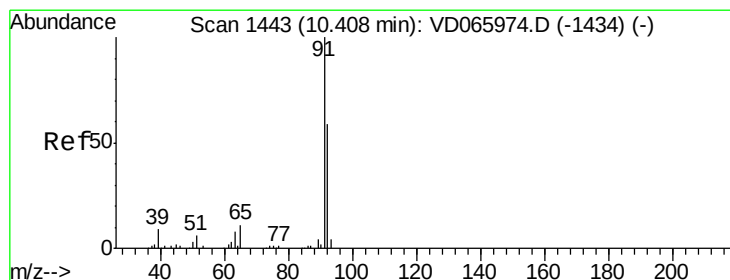
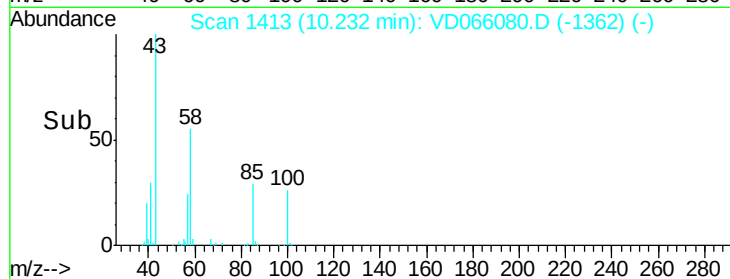
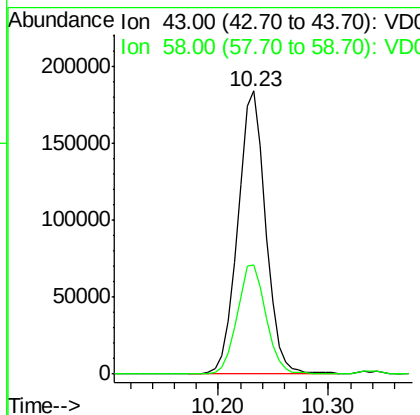
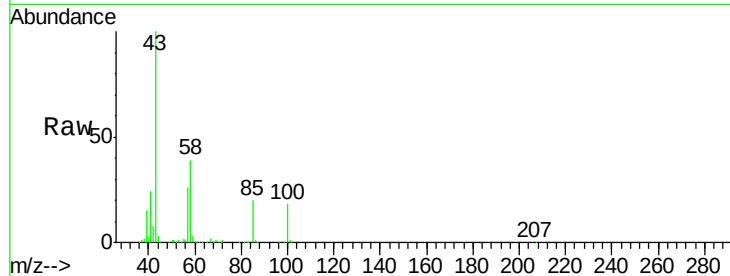
#51
 4-Methyl-2-Pentanone
 Concen: 277.113 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 327064
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.3 46.9

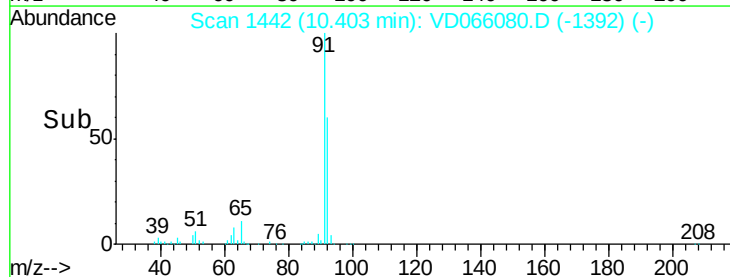
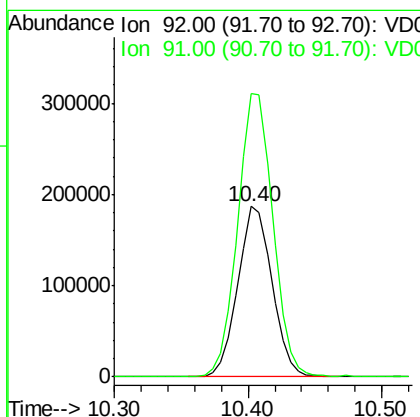
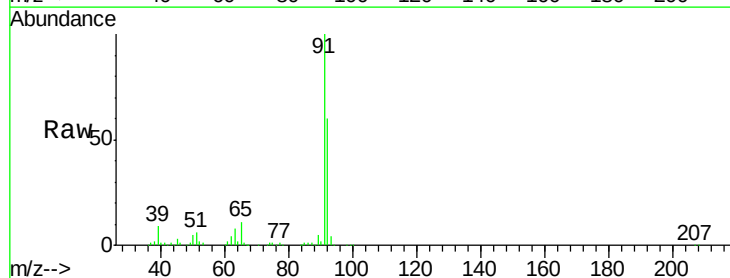
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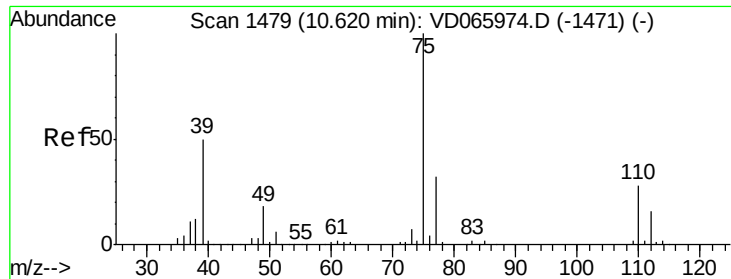
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#52
 Toluene
 Concen: 58.109 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 92 Resp: 332940
 Ion Ratio Lower Upper
 92 100
 91 170.8 134.5 201.7





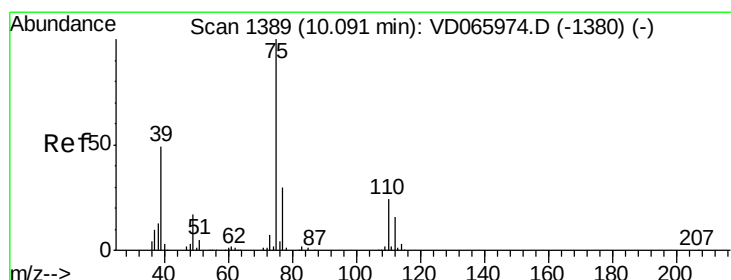
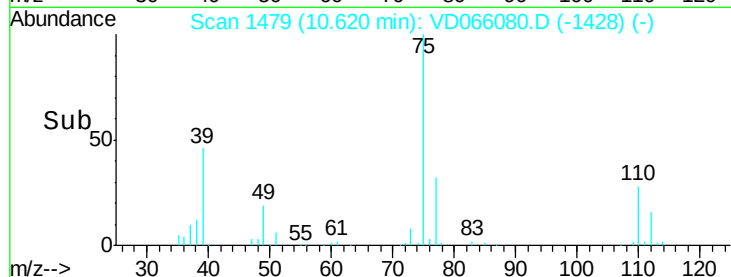
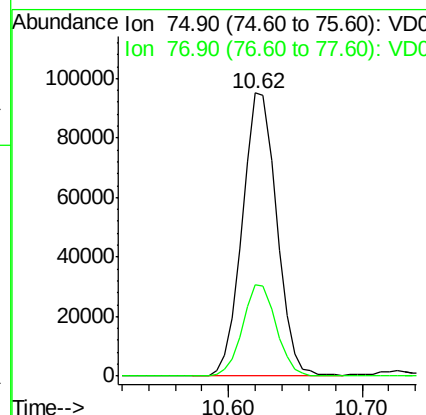
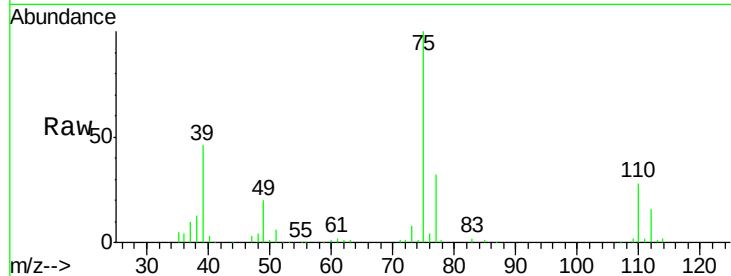
#53
t-1,3-Dichloropropene
Concen: 60.335 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 170252
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6

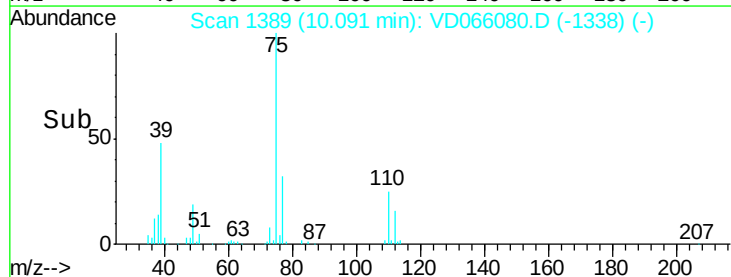
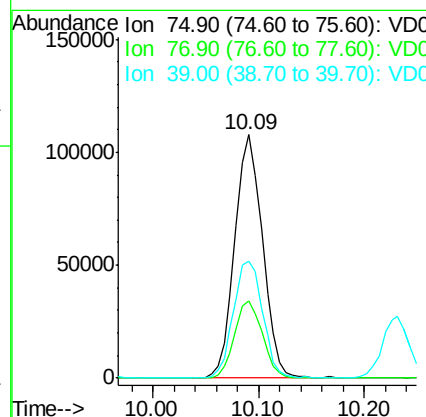
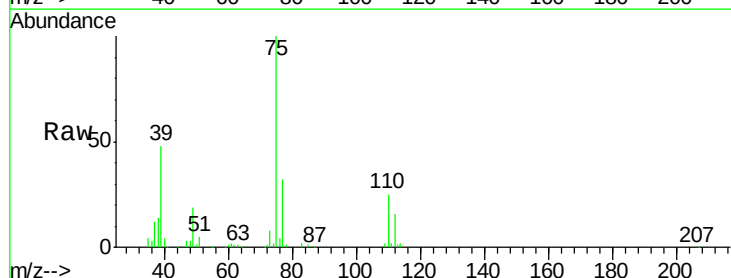
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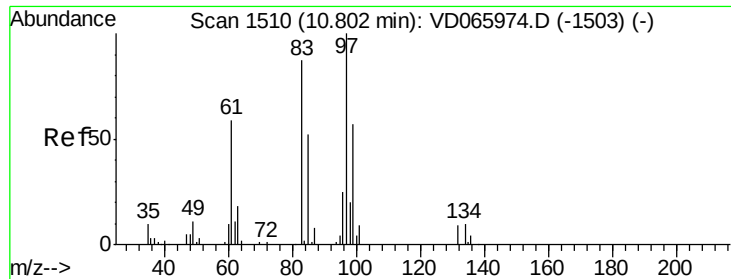
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#54
cis-1,3-Dichloropropene
Concen: 57.589 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 75 Resp: 196983
Ion Ratio Lower Upper
75 100
77 31.9 23.8 35.8
39 48.1 38.8 58.2





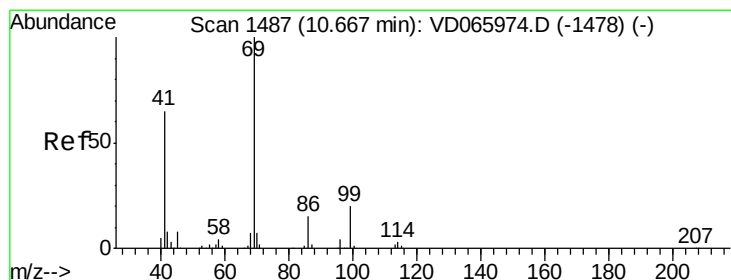
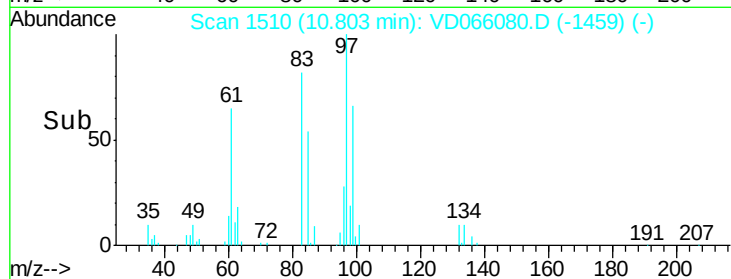
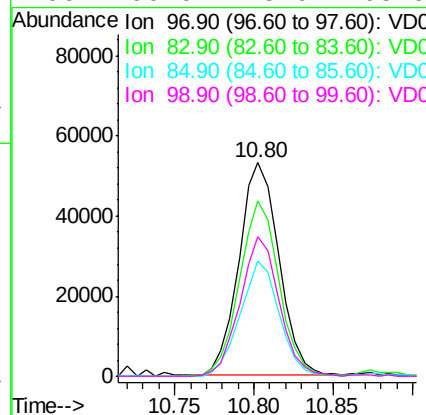
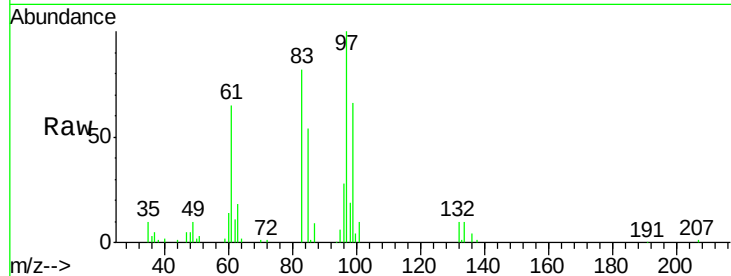
#55
 1,1,2-Trichloroethane
 Concen: 57.236 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	92985		
83	82.0	69.7	104.5	
85	54.3	41.6	62.4	
99	66.0	45.9	68.9	

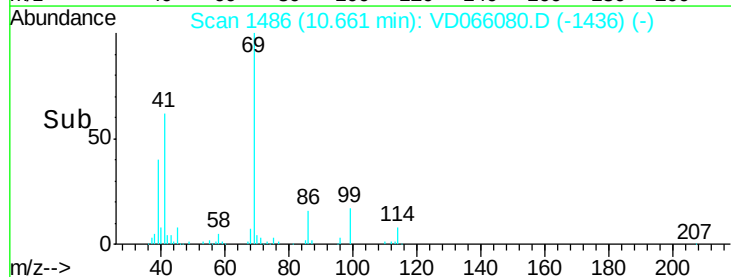
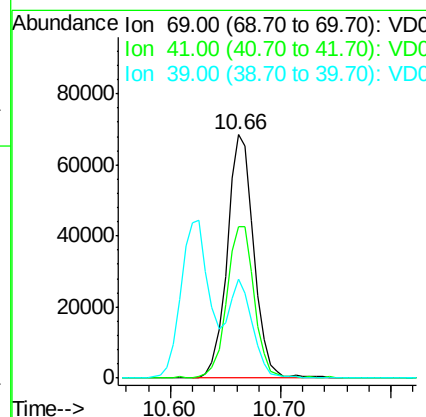
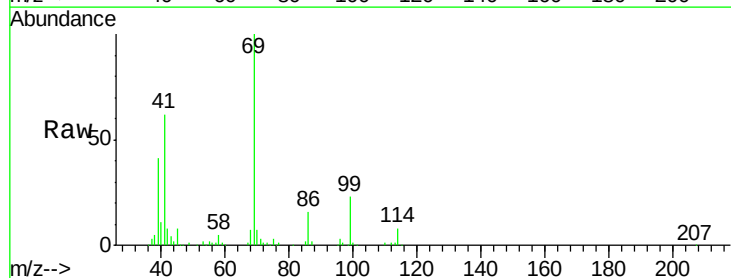
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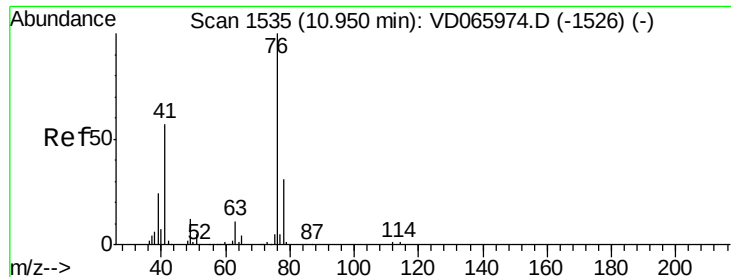
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#56
 Ethyl methacrylate
 Concen: 60.786 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	114814		
41	64.1	52.3	78.5	
39	37.3	25.2	37.8	





#57

1,3-Dichloropropane

Concen: 57.812 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 155480

Ion Ratio Lower Upper

76 100

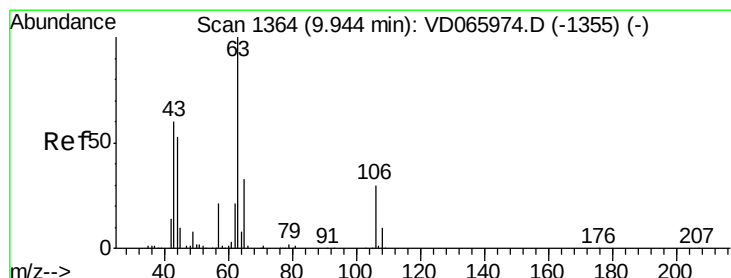
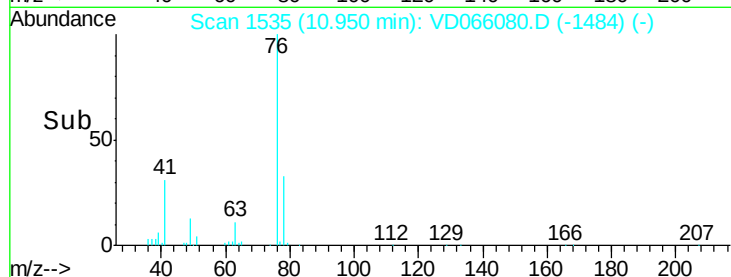
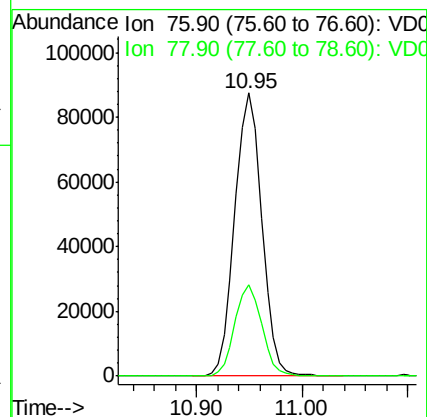
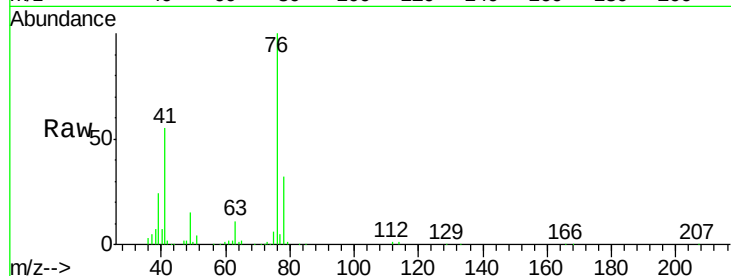
78 32.5 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 256.261 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD066080.D

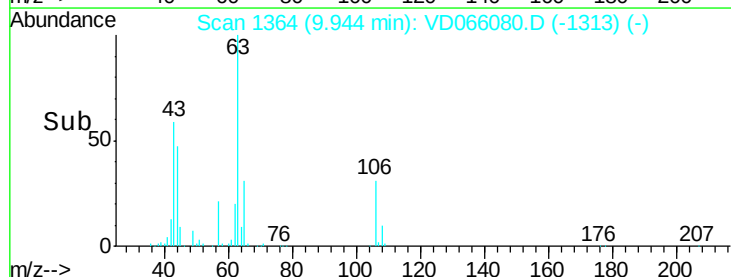
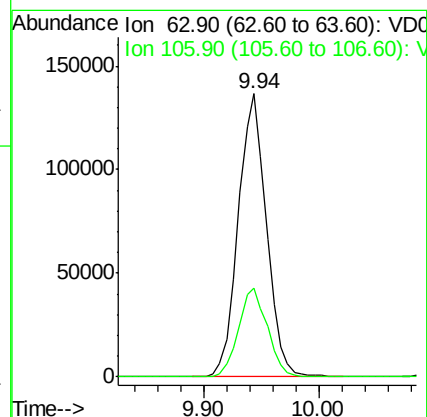
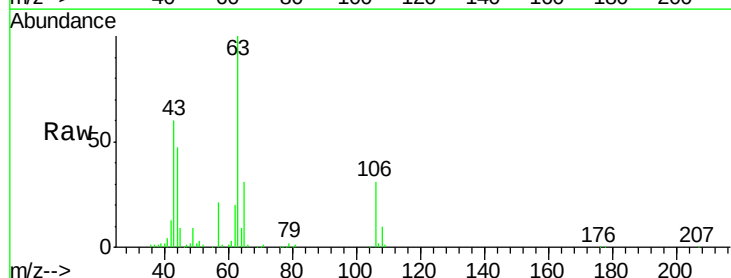
Acq: 28 Jul 2020 16:36

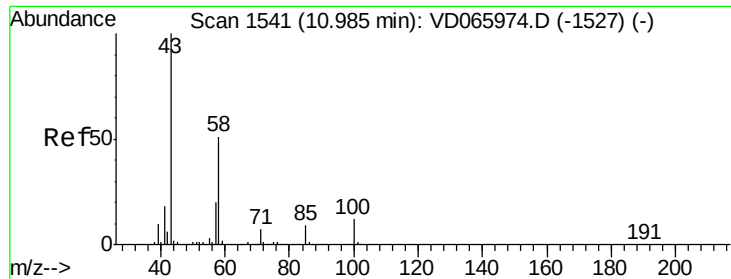
Tgt Ion: 63 Resp: 231225

Ion Ratio Lower Upper

63 100

106 32.0 24.4 36.6





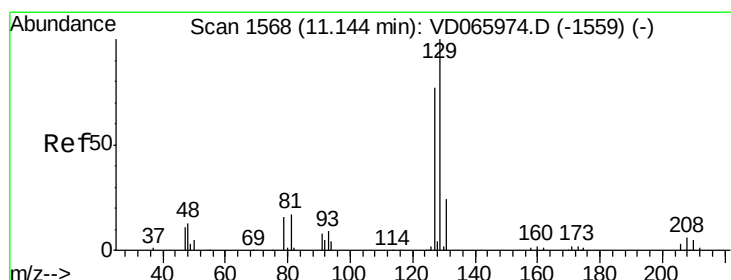
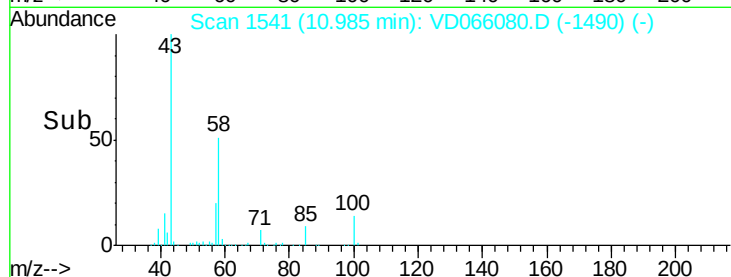
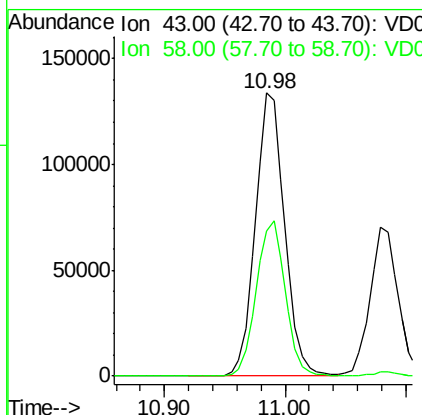
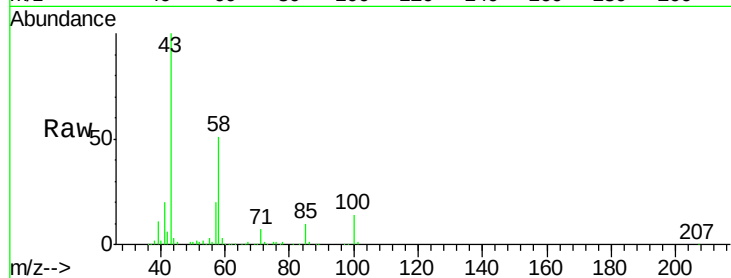
#59
2-Hexanone
Concen: 276.918 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 226492
Ion Ratio Lower Upper
43 100
58 54.5 26.2 78.6

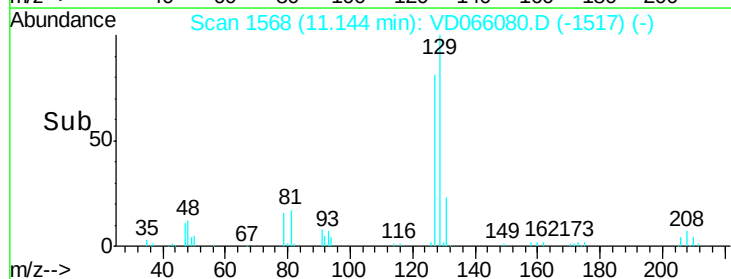
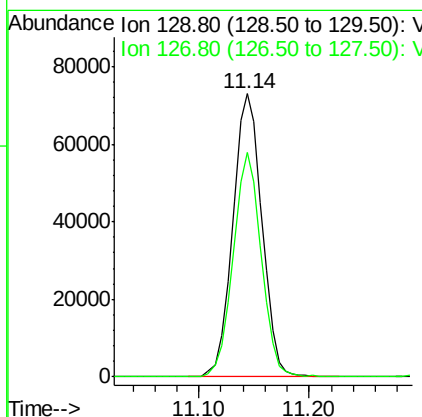
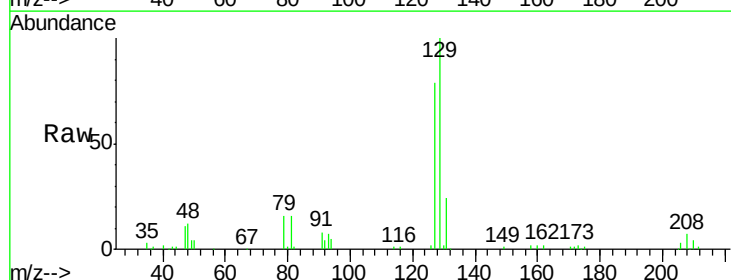
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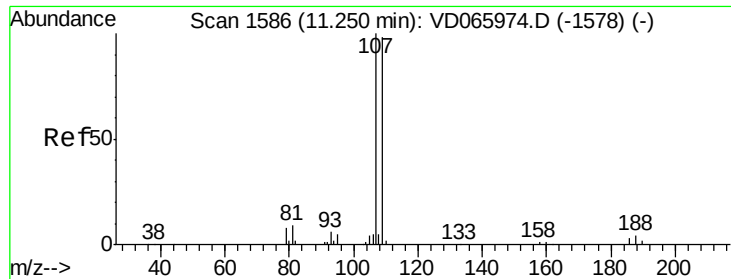
MMDadoda
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#60
Dibromochloromethane
Concen: 61.627 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 129 Resp: 134990
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7





#61

1,2-Dibromoethane

Concen: 59.968 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 93933

Ion Ratio Lower Upper

107 100

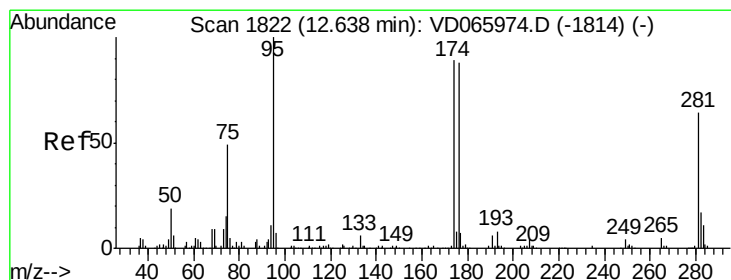
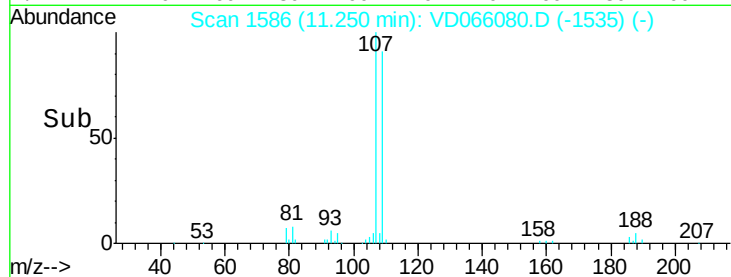
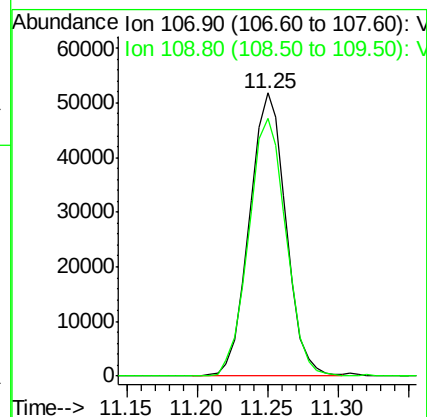
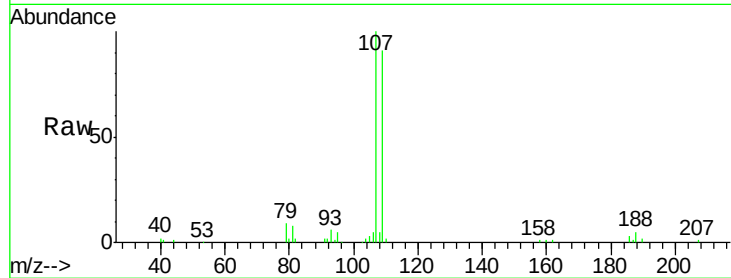
109 93.4 75.0 112.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 55.119 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

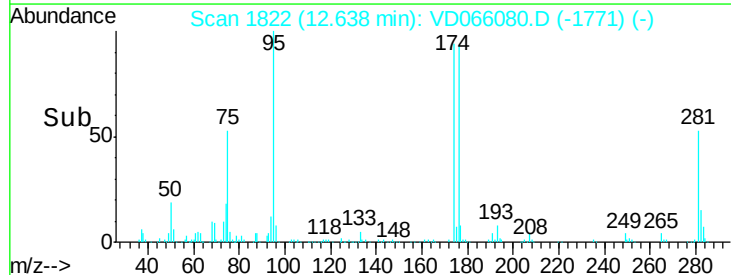
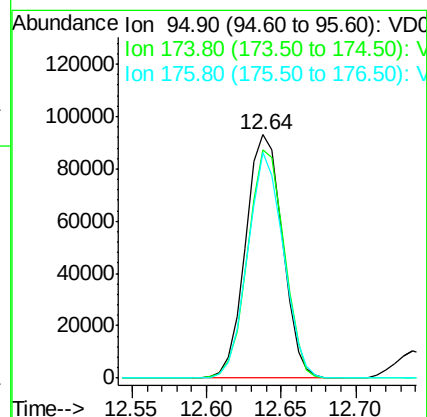
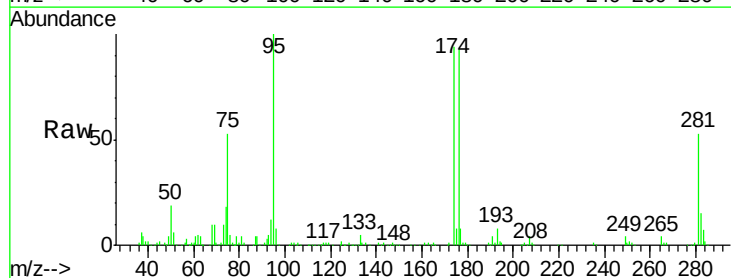
Tgt Ion: 95 Resp: 158898

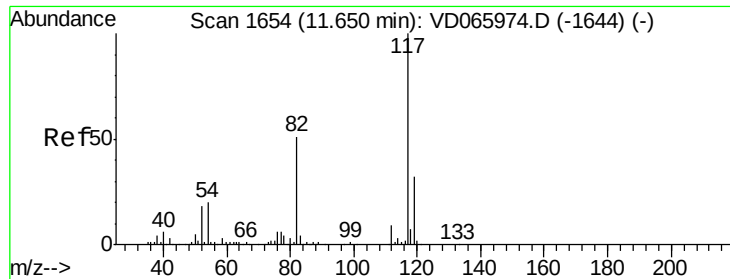
Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.8

176 89.9 0.0 172.6





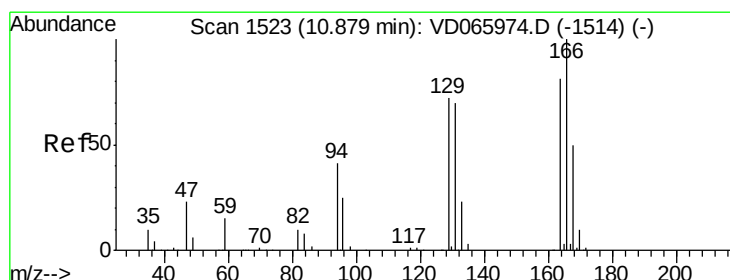
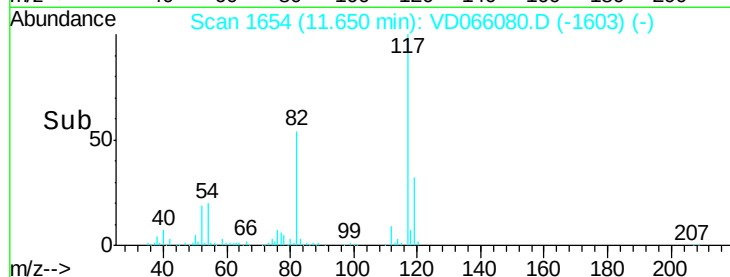
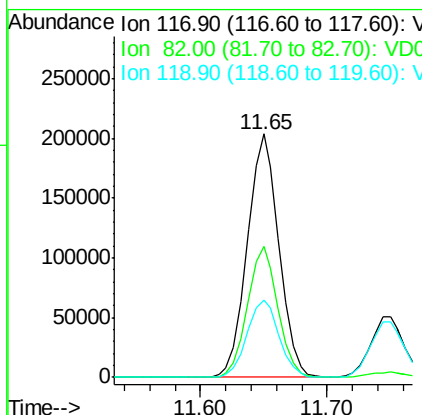
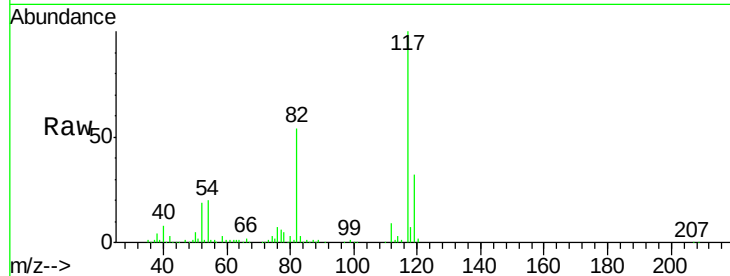
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	352538		
82	53.8	41.1	61.7	
119	31.9	25.9	38.9	

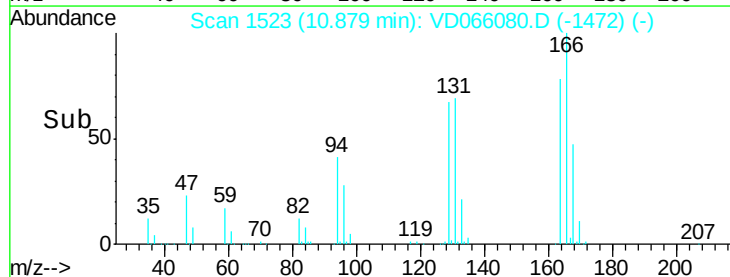
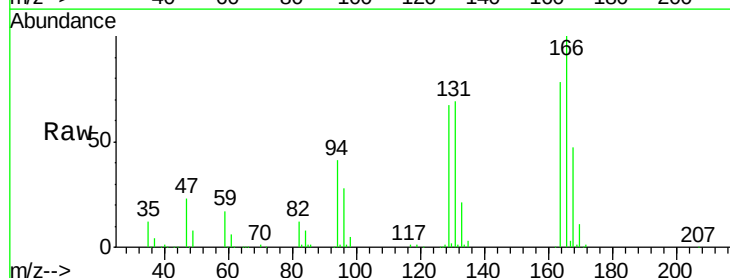
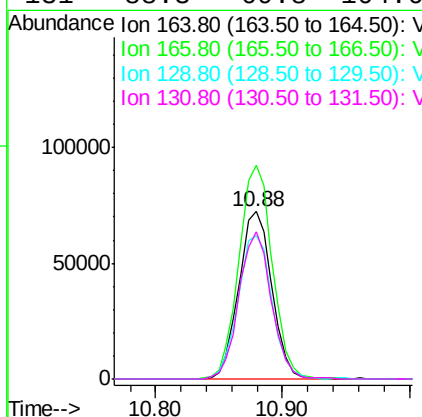
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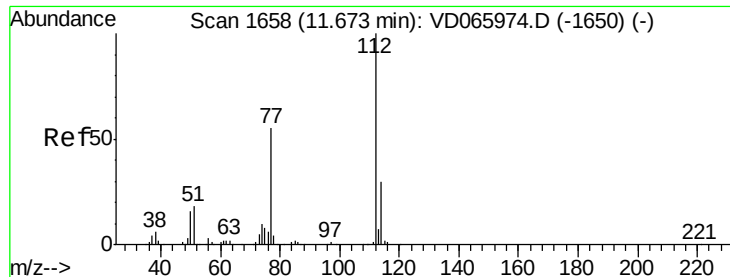
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#64
Tetrachloroethene
Concen: 54.641 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130746		
166	127.7	99.1	148.7	
129	85.9	71.5	107.3	
131	88.3	69.8	104.6	





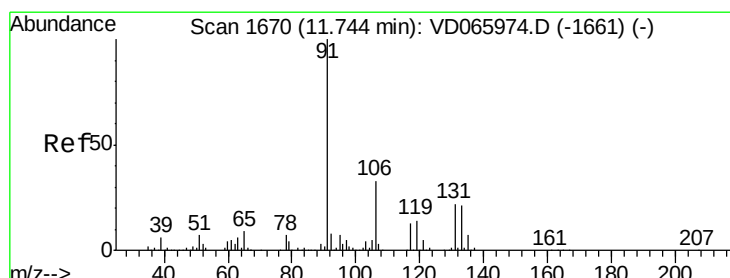
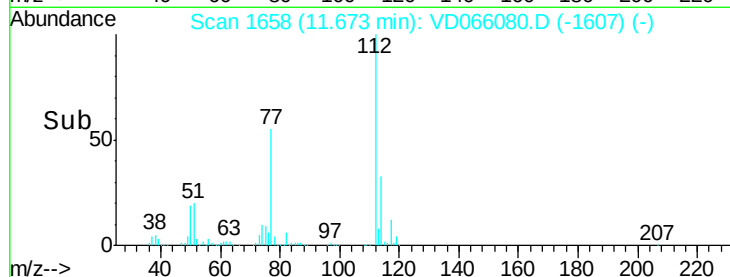
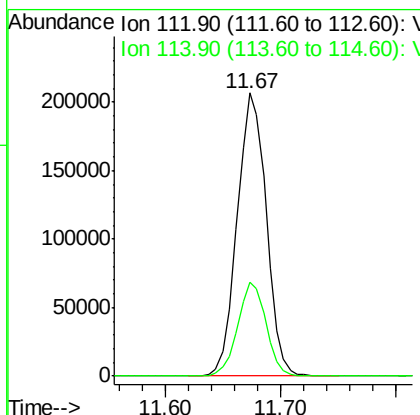
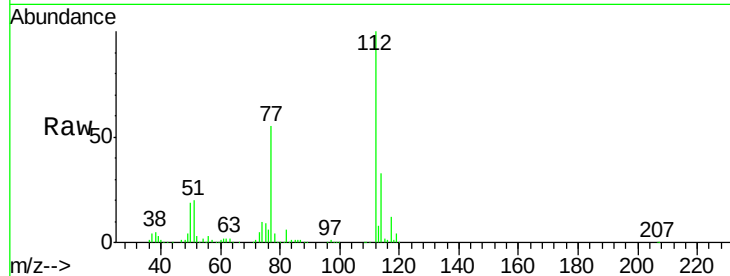
#65
Chlorobenzene
Concen: 56.015 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 361563
Ion Ratio Lower Upper
112 100
114 33.2 24.4 36.6

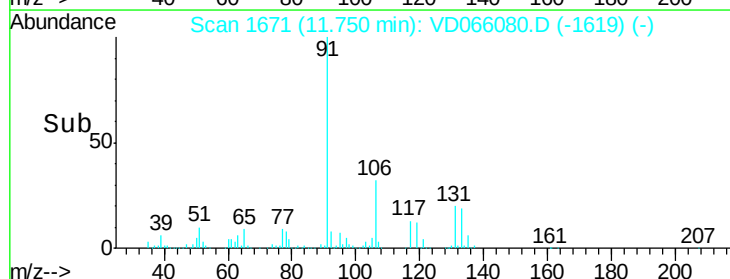
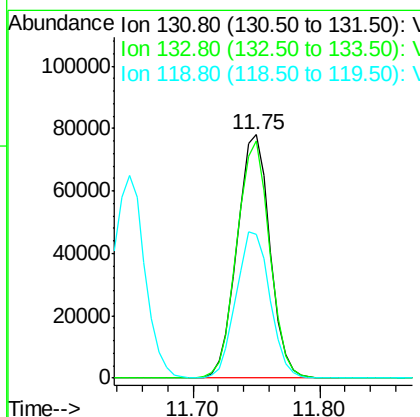
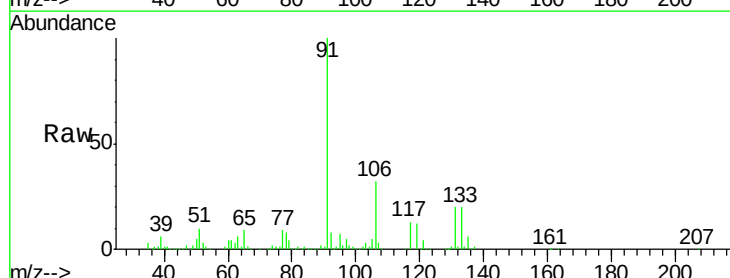
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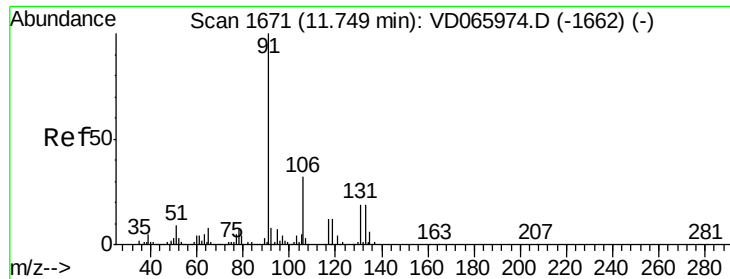
MMDadoda
7/29/2020 7:05:58 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 58.938 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:131 Resp: 140471
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 61.7 31.7 95.1





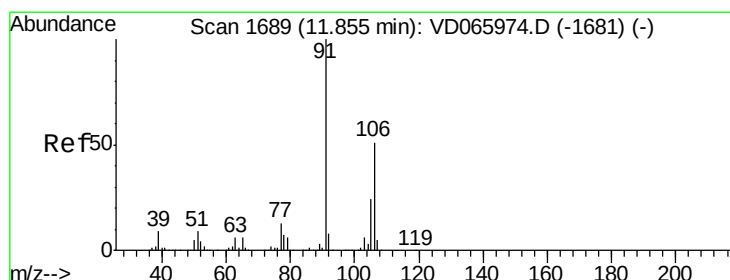
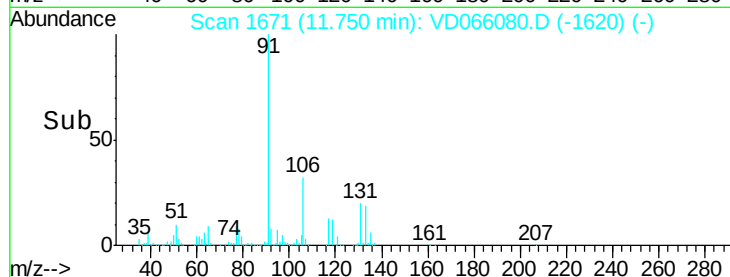
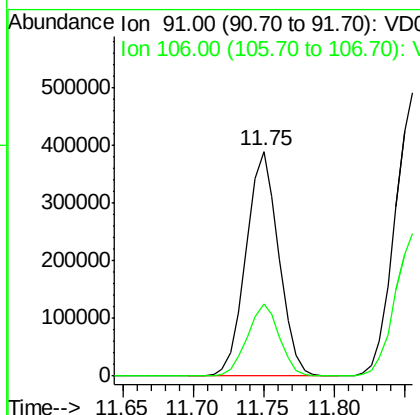
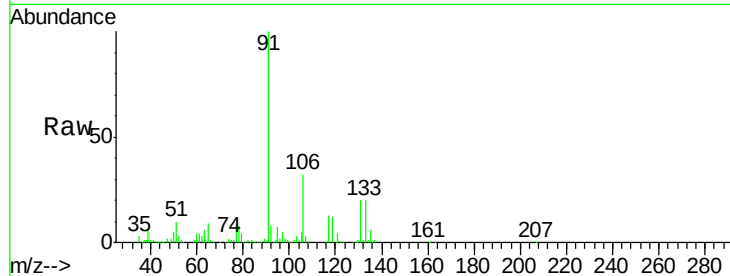
#67
Ethyl Benzene
Concen: 57.200 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 635391
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

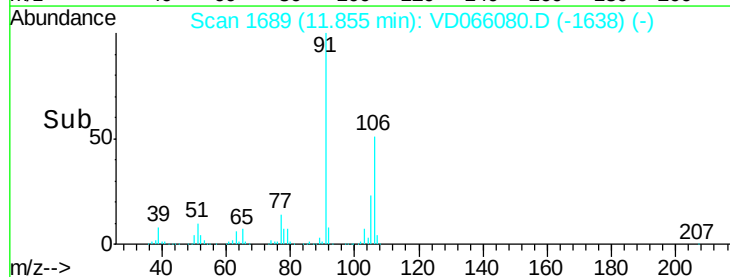
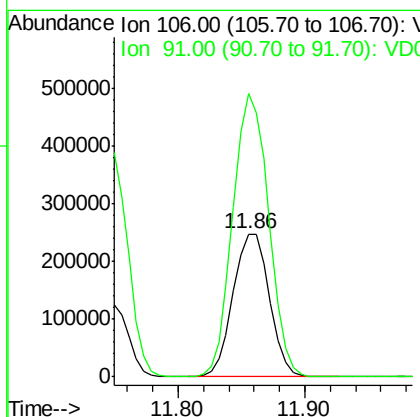
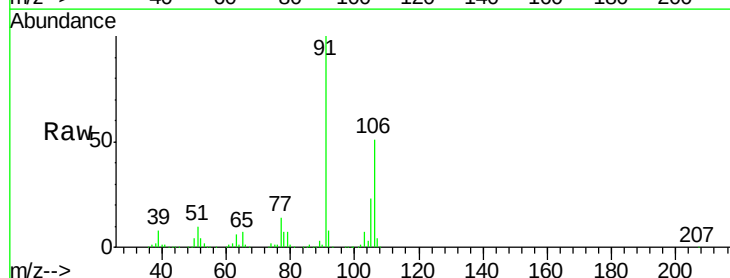
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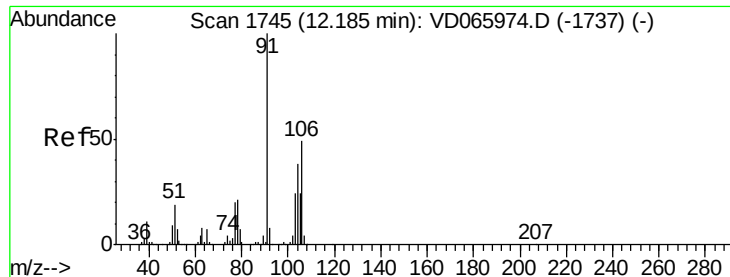
MMDadoda
7/29/2020 7:05:58 PM



#68
m/p-Xylenes
Concen: 115.505 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion: 106 Resp: 493150
Ion Ratio Lower Upper
106 100
91 195.7 157.0 235.6





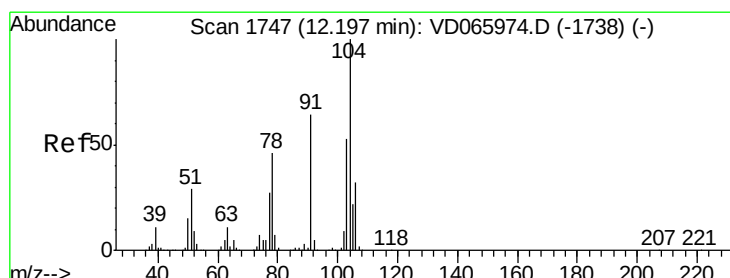
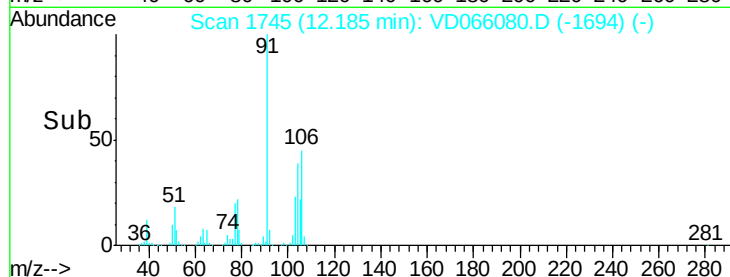
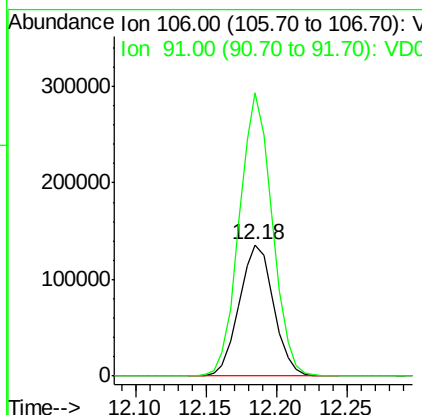
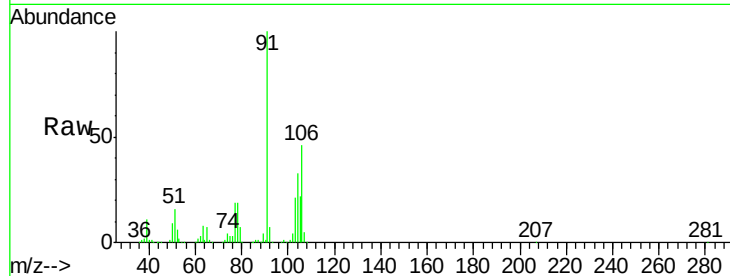
#69
o-Xylene
Concen: 59.668 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 231705
Ion Ratio Lower Upper
106 100
91 205.7 103.1 309.3

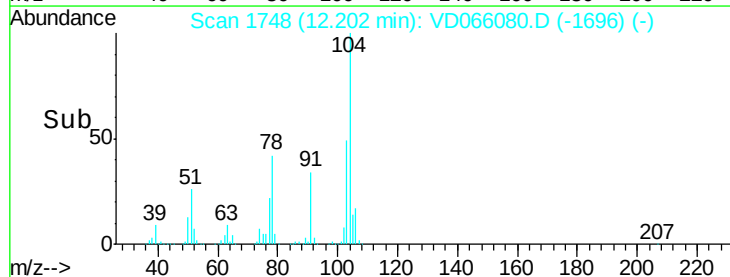
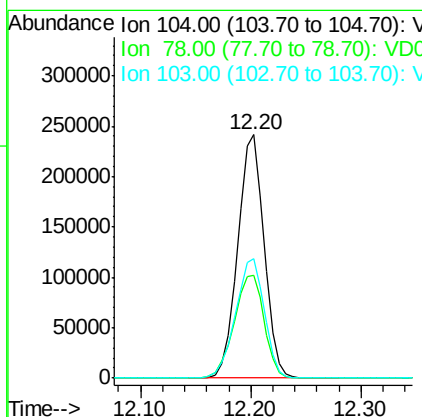
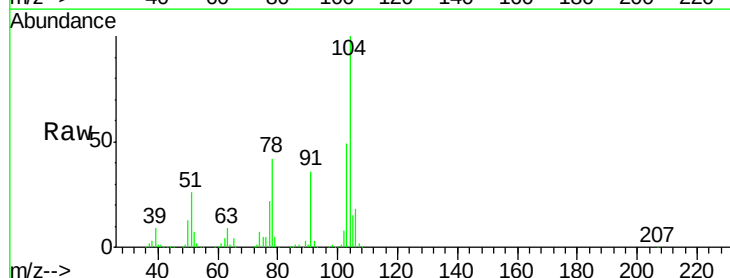
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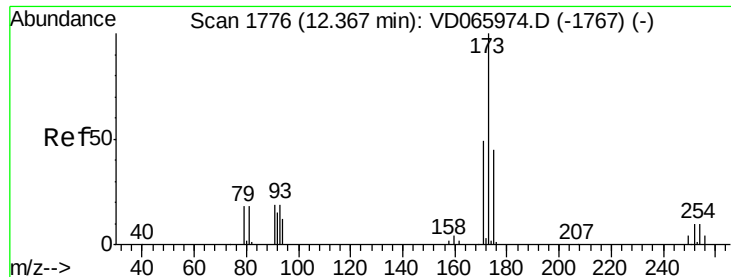
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#70
Styrene
Concen: 60.745 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion:104 Resp: 405297
Ion Ratio Lower Upper
104 100
78 47.8 38.3 57.5
103 53.6 43.8 65.8





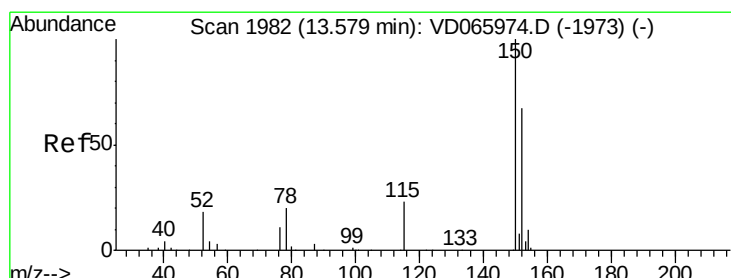
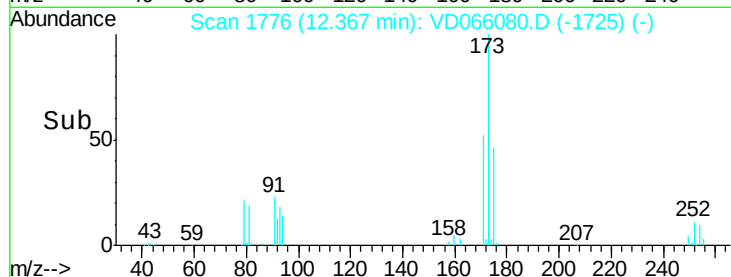
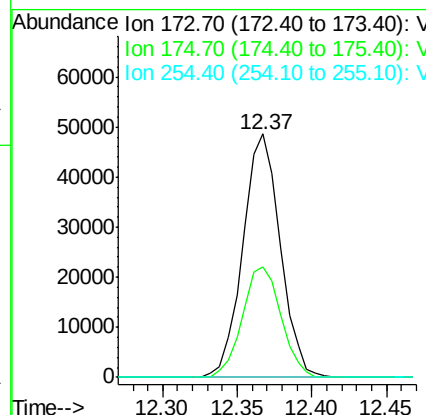
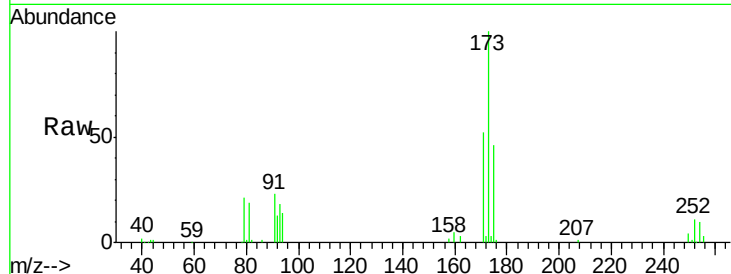
#71
Bromoform
Concen: 60.345 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.1	72.3
254	0.0	0.0	0.0

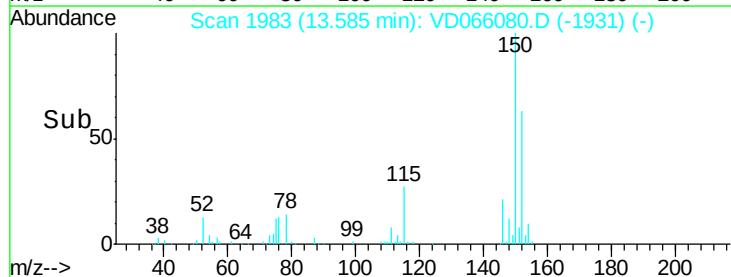
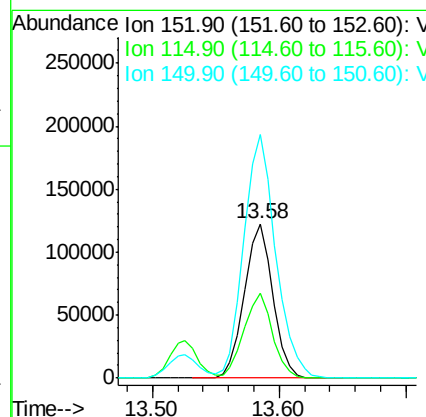
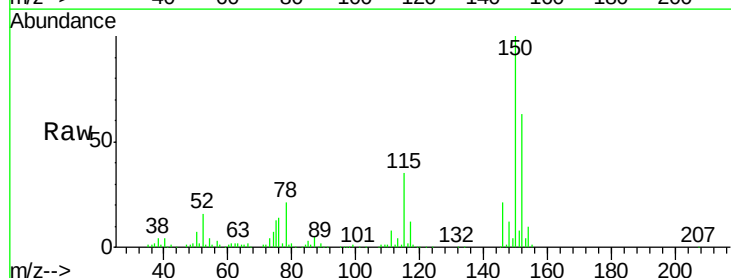
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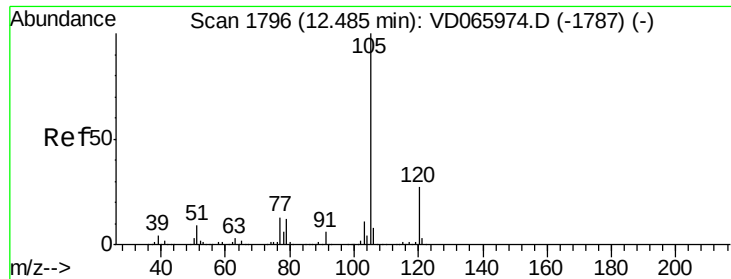
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.9	83.7
150	176.8	0.0	348.2





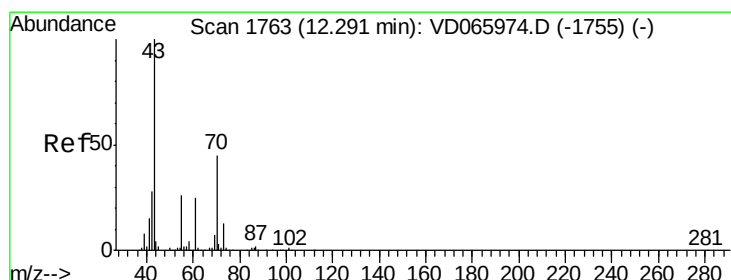
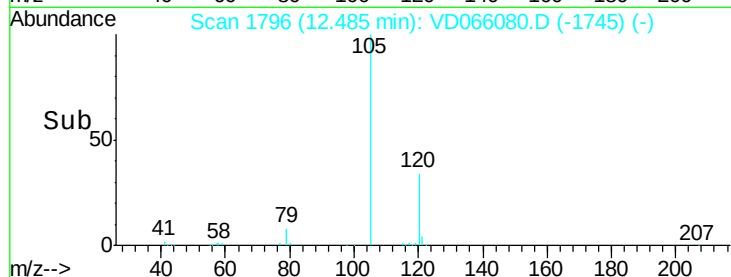
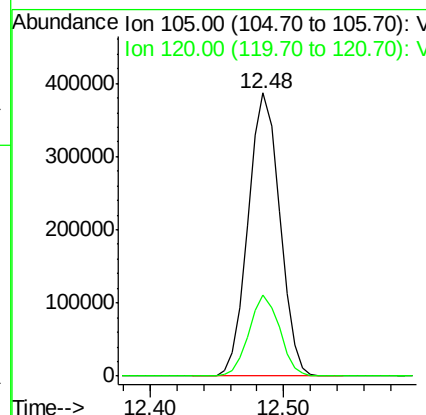
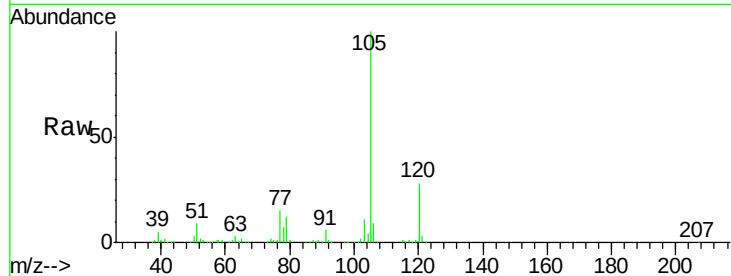
#73
Isopropylbenzene
Concen: 54.889 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.6	40.8

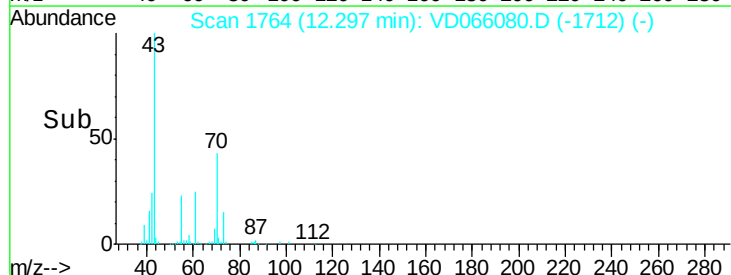
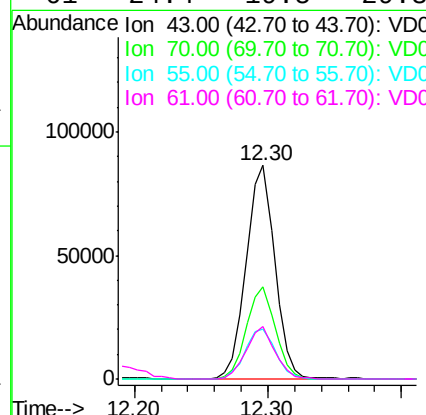
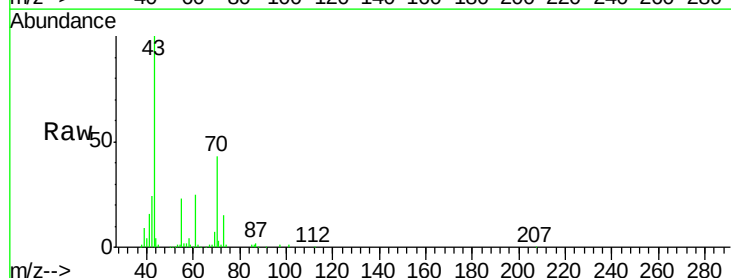
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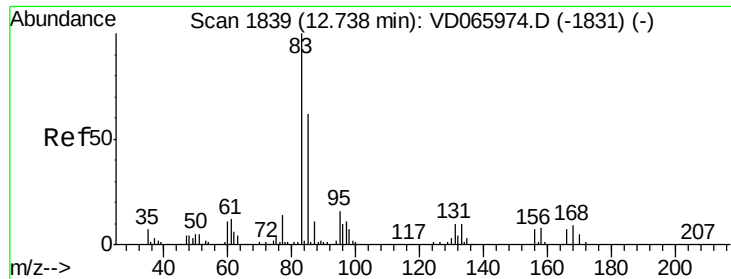
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#74
N-ethyl acetate
Concen: 53.659 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.6	51.8
55	24.7	20.3	30.5
61	24.4	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.719 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

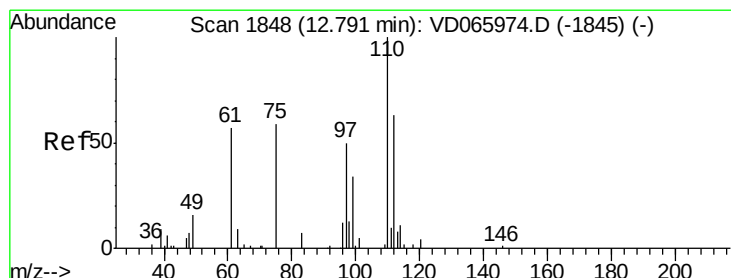
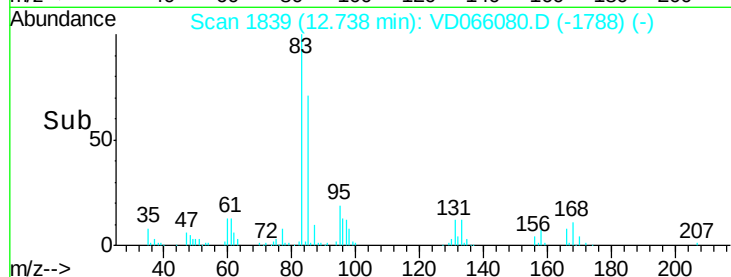
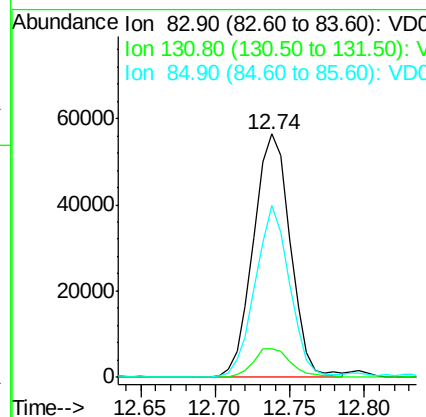
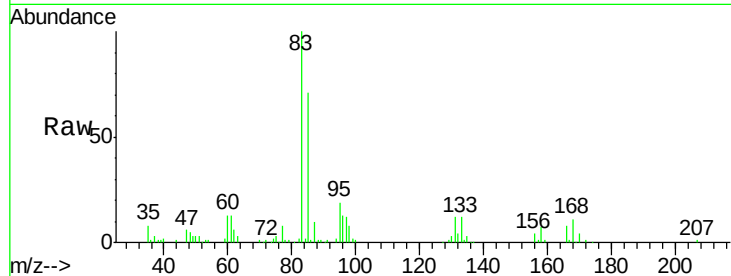
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	96613
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.7	17.1
85	65.7	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 43.792 ug/l m

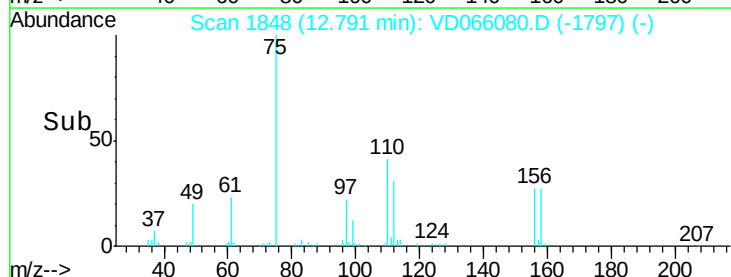
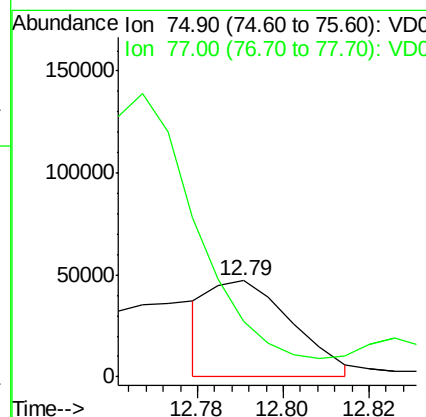
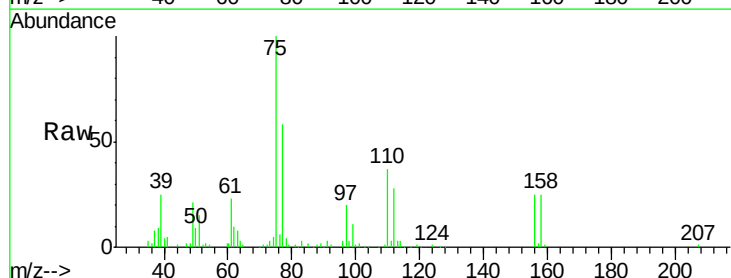
RT: 12.79 min Scan# 1848

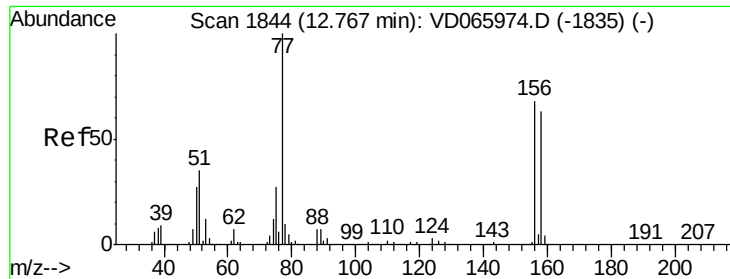
Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Tgt Ion:	75	Resp:	62809
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





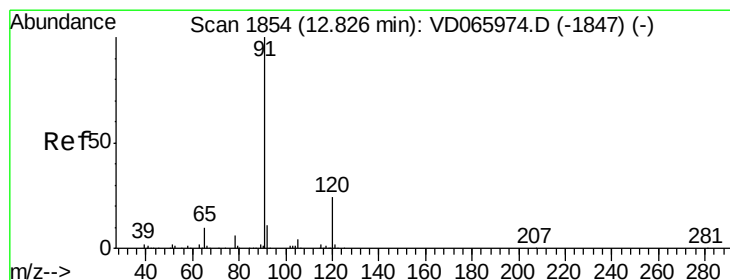
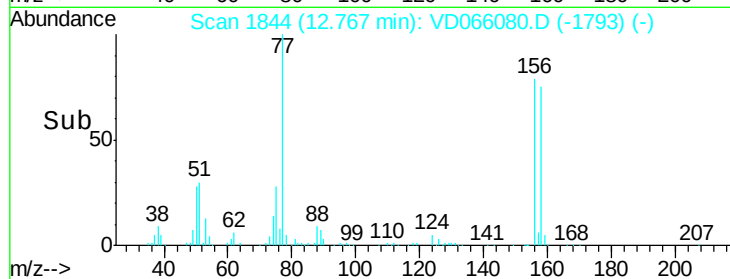
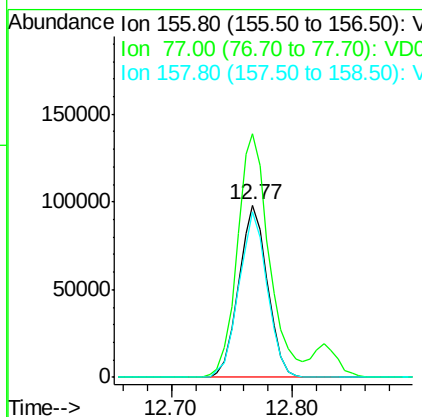
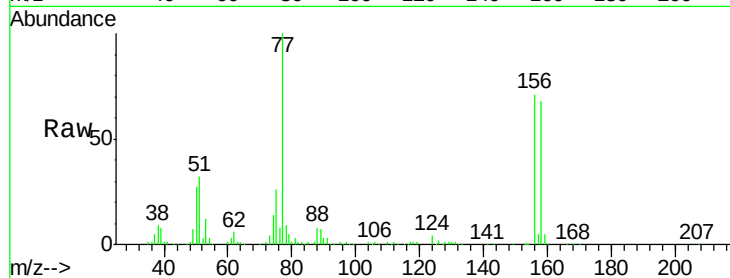
#77
Bromobenzene
Concen: 55.087 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	157.0	83.0	249.0
158	95.1	48.2	144.6

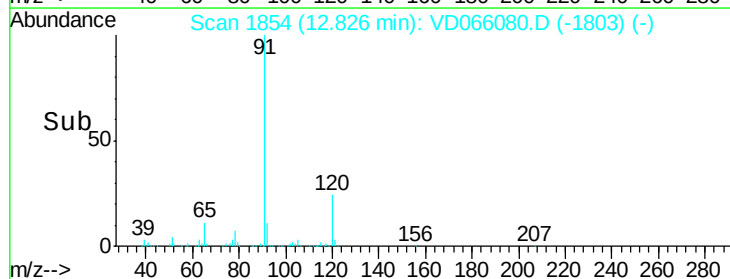
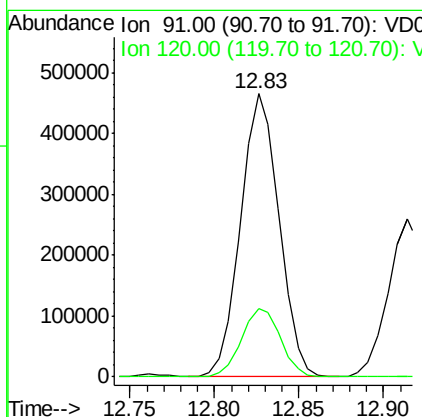
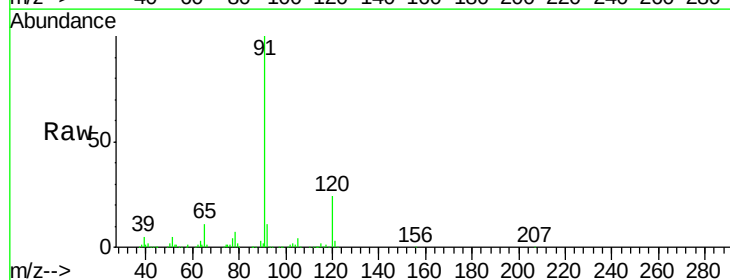
Manual Integrations
APPROVED

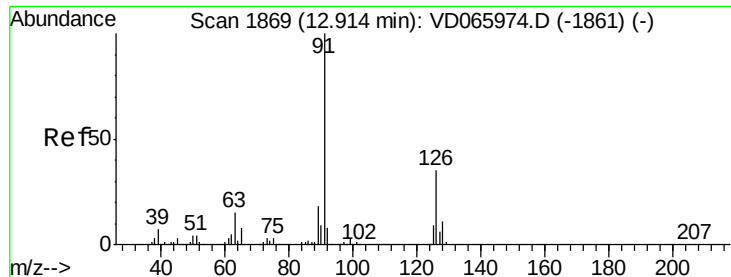
MMDadoda
7/29/2020 7:05:58 PM



#78
n-propylbenzene
Concen: 54.990 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.0	36.0





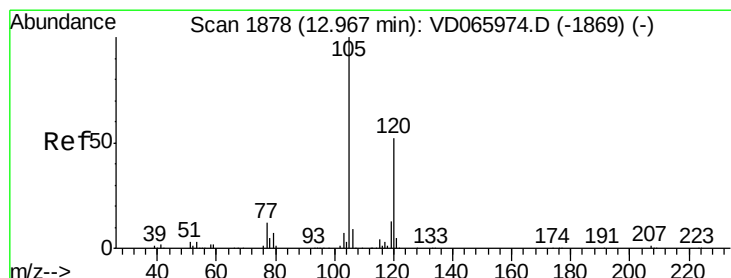
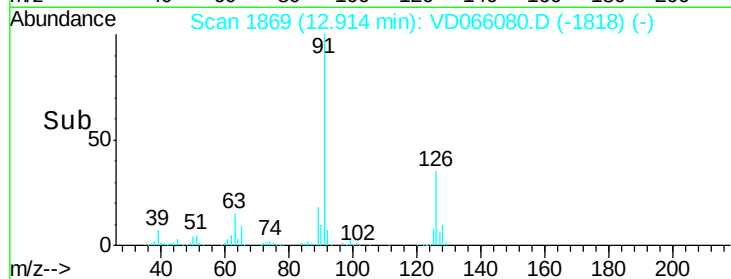
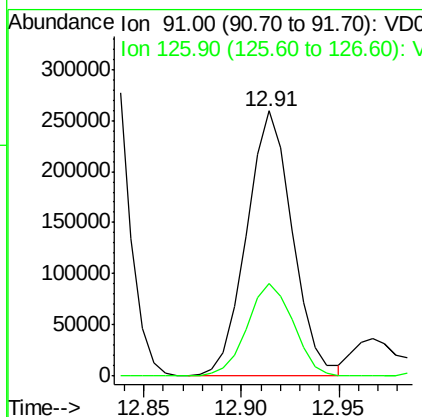
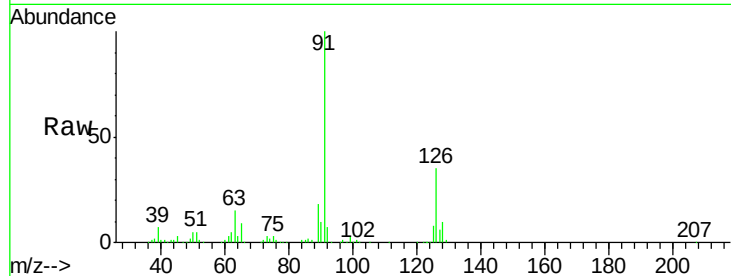
#79
 2-Chlorotoluene
 Concen: 55.221 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 421956
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1

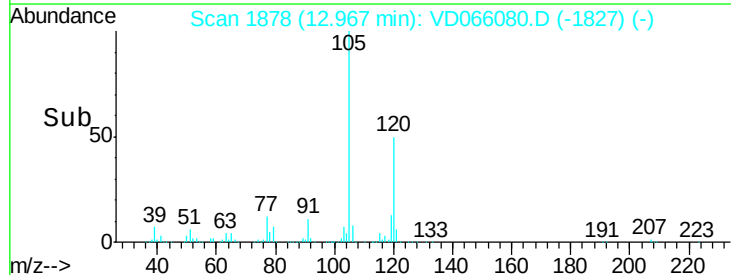
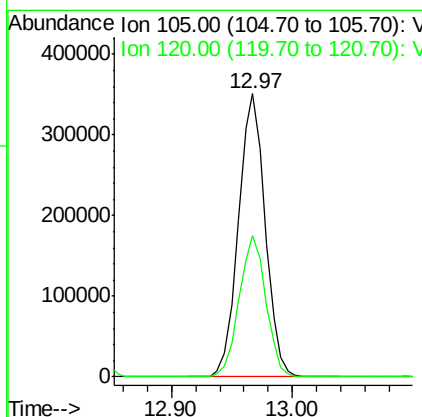
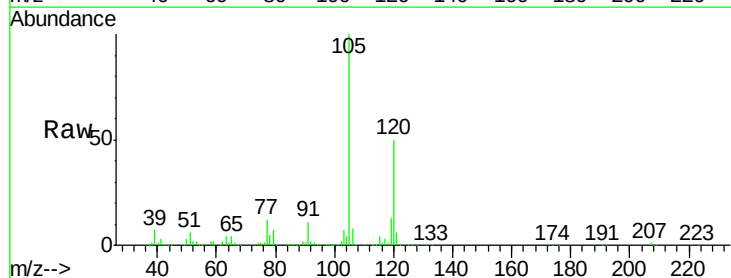
Manual Integrations
 APPROVED

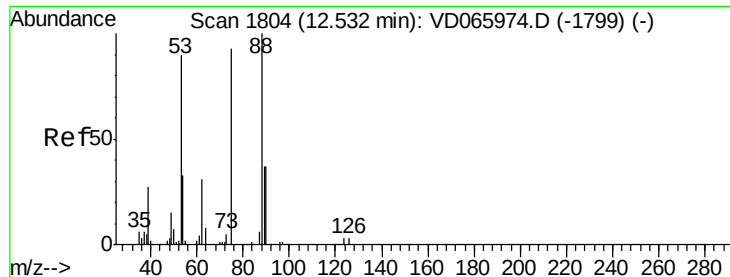
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 57.206 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 105 Resp: 541720
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.6





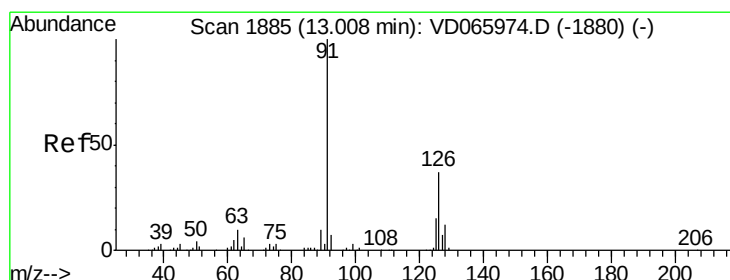
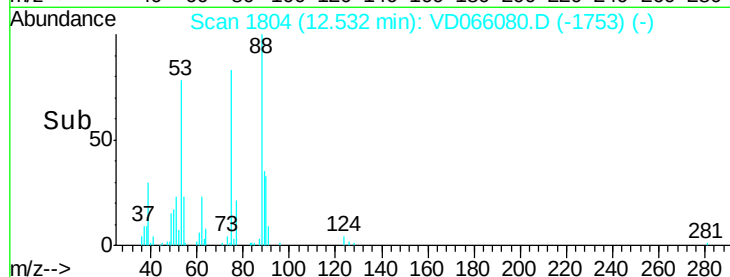
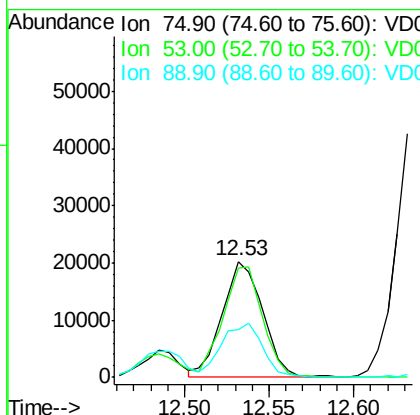
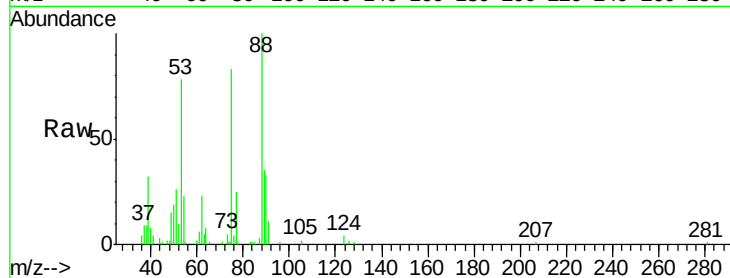
#81
trans-1,4-Dichloro-2-butene
Concen: 54.416 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.3	76.8	115.2
89	46.7	37.0	55.4

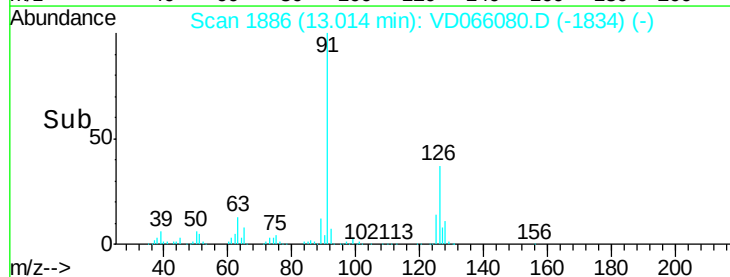
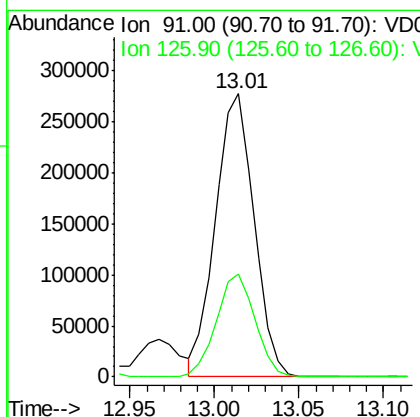
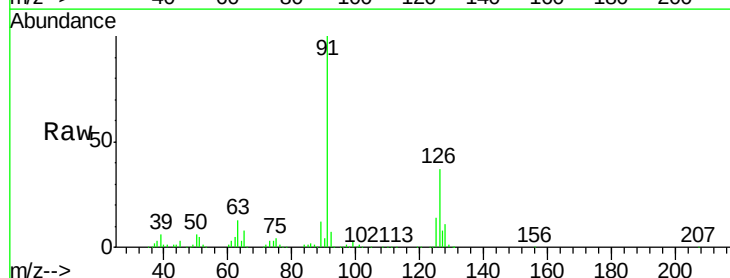
Manual Integrations
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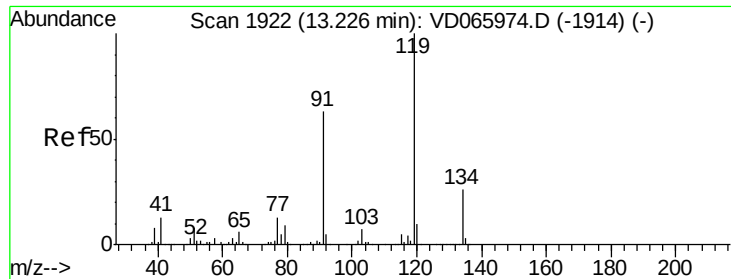
MMDadoda
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#82
4-Chlorotoluene
Concen: 54.816 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.8	53.5





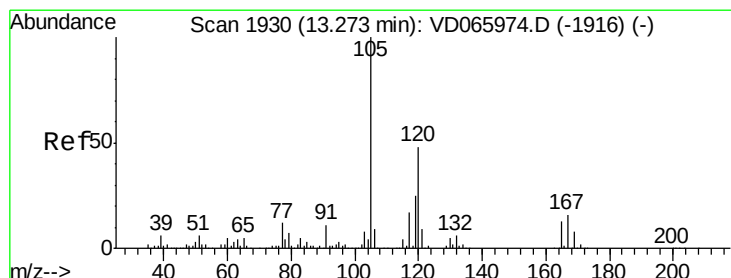
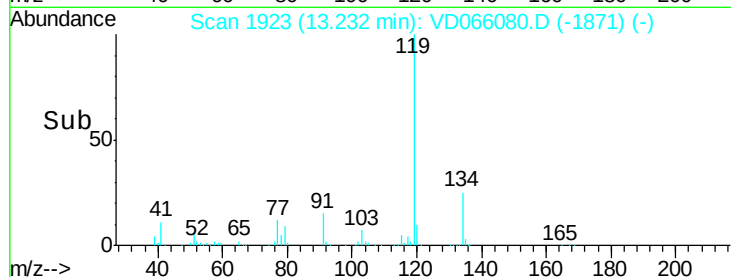
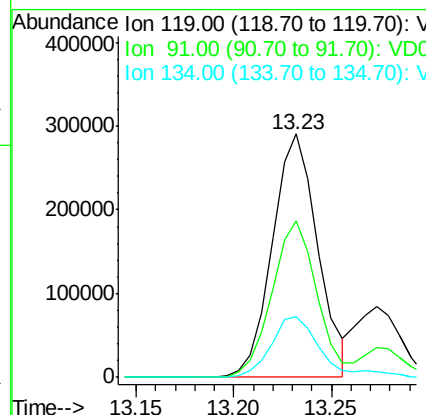
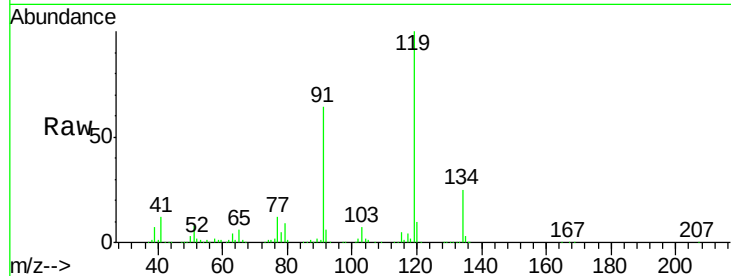
#83
 tert-Butylbenzene
 Concen: 56.427 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	467587		
91	64.4	30.6	91.6	
134	27.4	13.9	41.7	

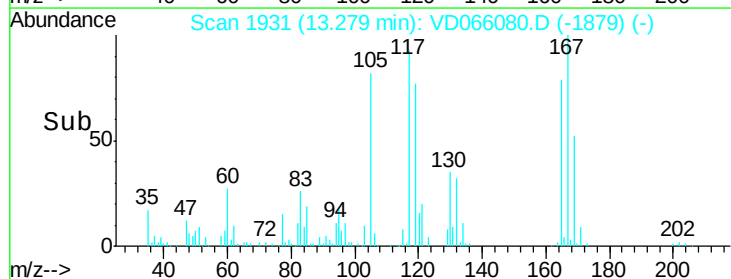
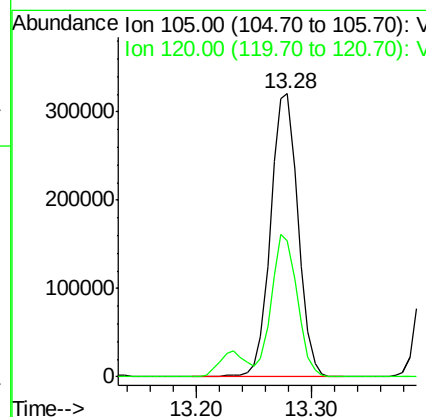
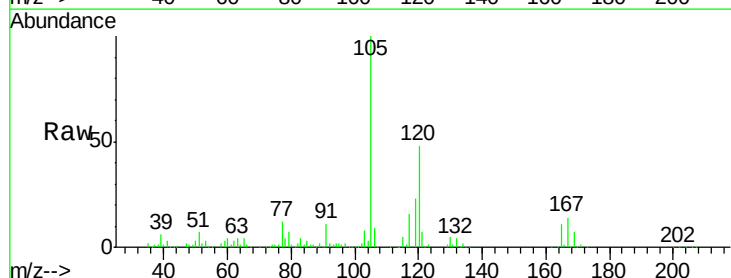
Manual Integrations
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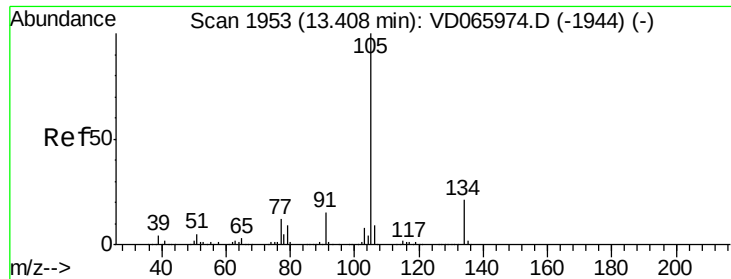
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.093 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	533393		
120	47.3	23.9	71.8	





#85

sec-Butylbenzene

Concen: 56.064 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 639909

Ion Ratio Lower Upper

105 100

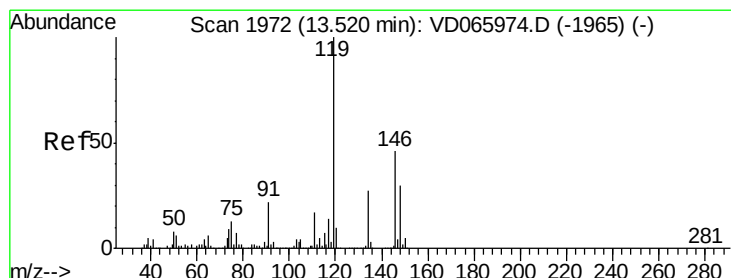
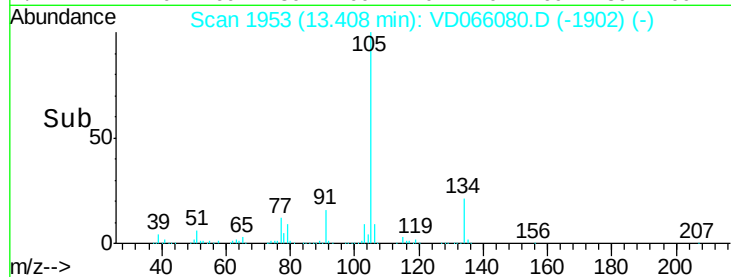
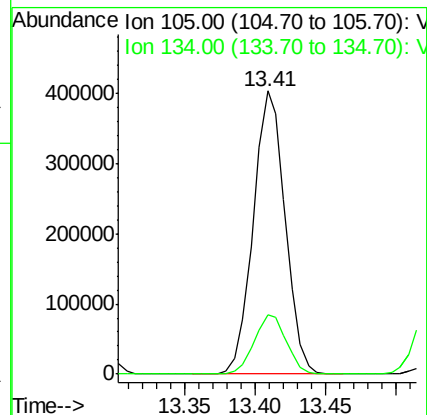
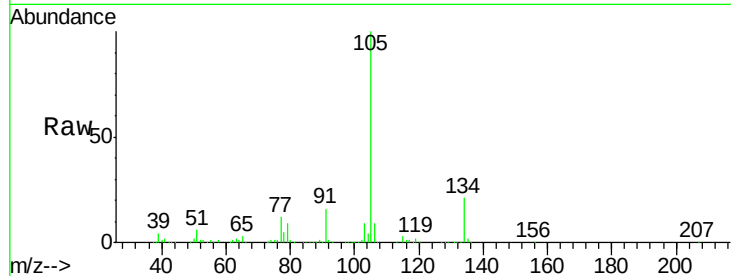
134 21.1 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 58.399 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

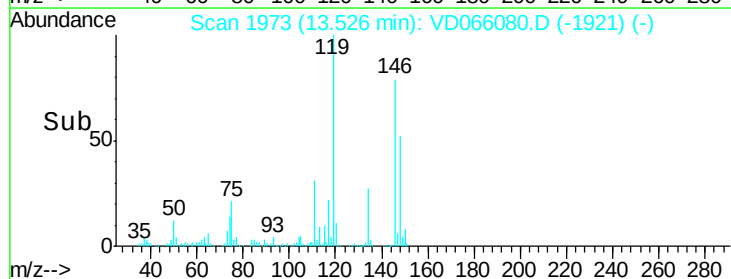
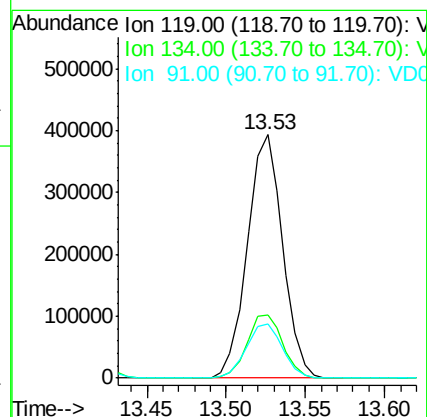
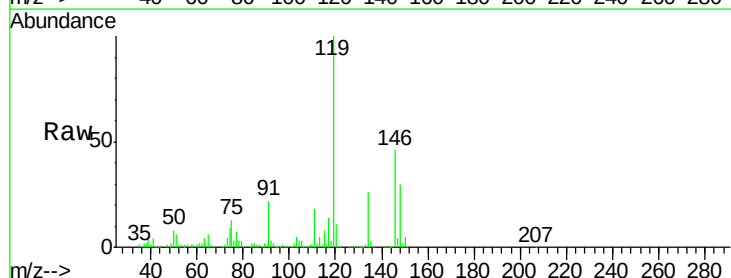
Tgt Ion:119 Resp: 605567

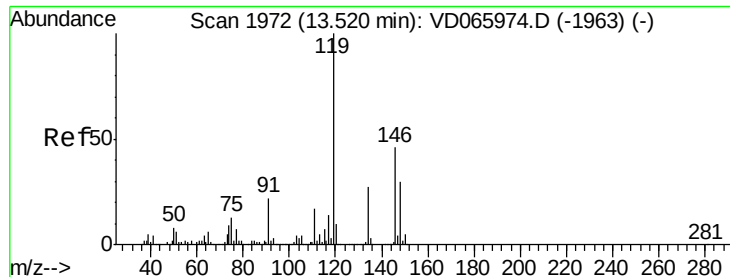
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.9 11.1 33.3





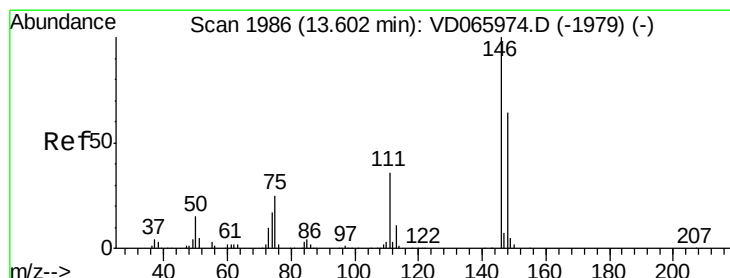
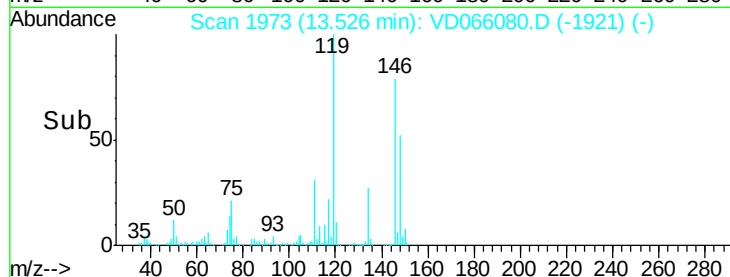
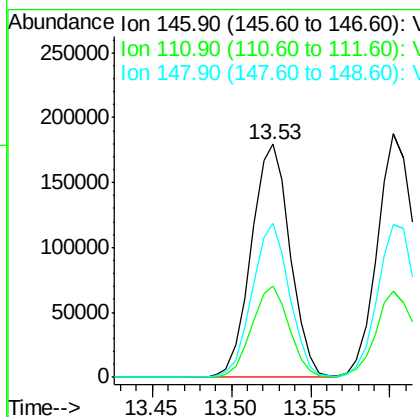
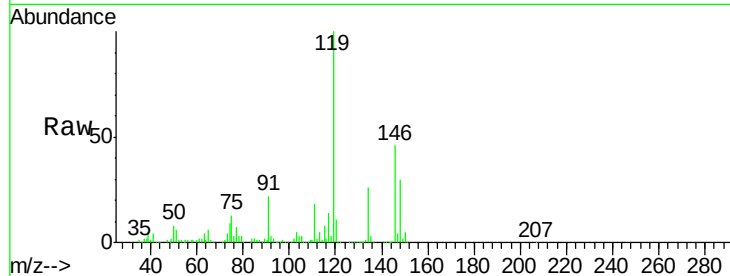
#87
 1,3-Dichlorobenzene
 Concen: 55.844 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305410		
111	37.7	18.6	55.6	
148	63.8	32.4	97.0	

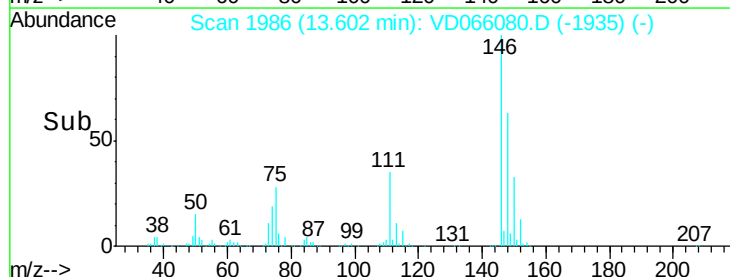
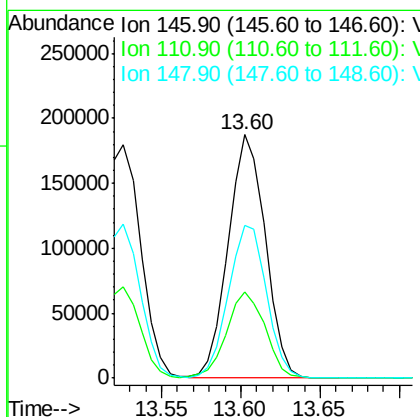
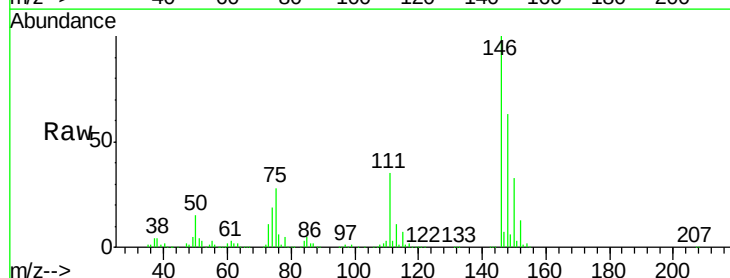
Manual Integrations
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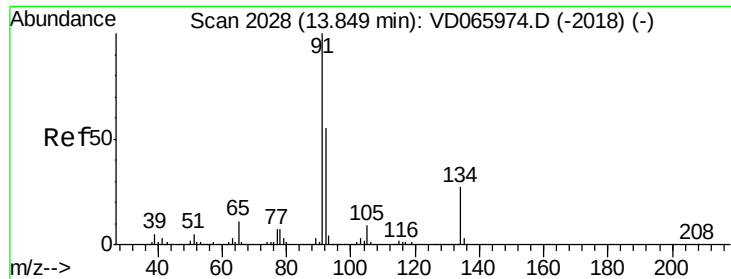
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#88
 1,4-Dichlorobenzene
 Concen: 55.122 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	304760		
111	36.7	18.8	56.4	
148	64.1	32.2	96.6	





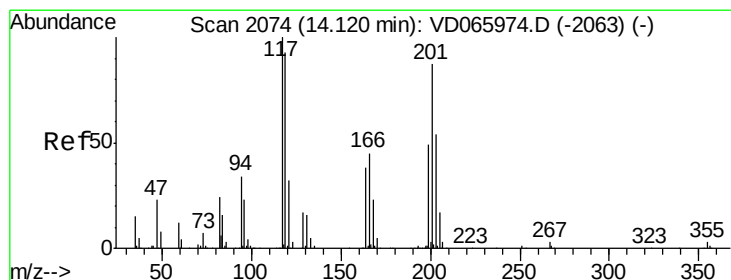
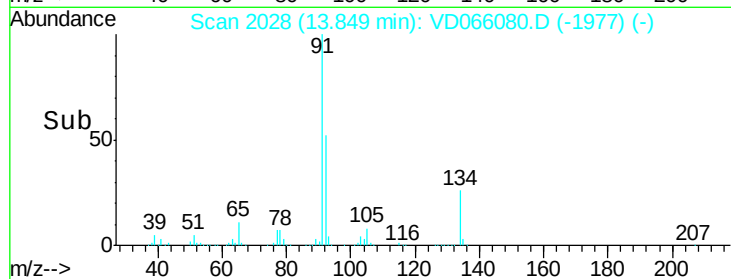
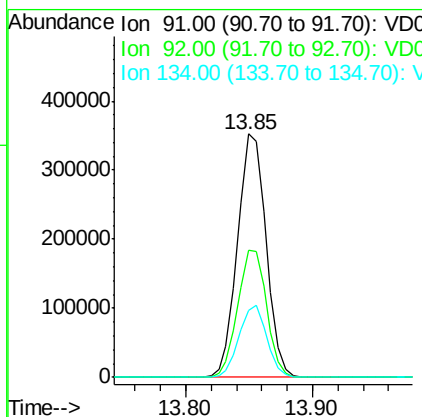
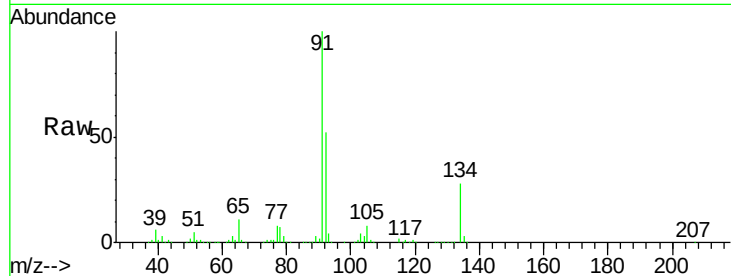
#89
n-Butylbenzene
Concen: 56.950 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.2	81.6
134	28.5	13.8	41.4

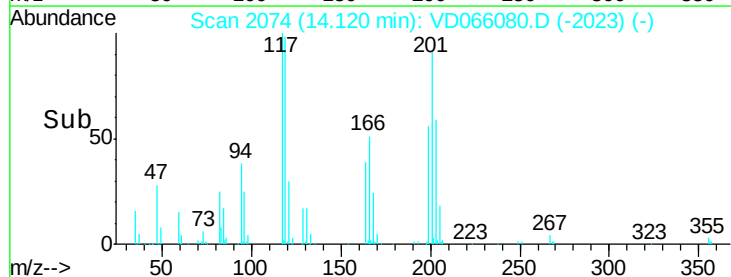
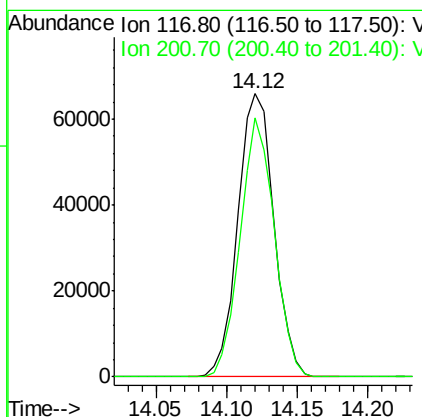
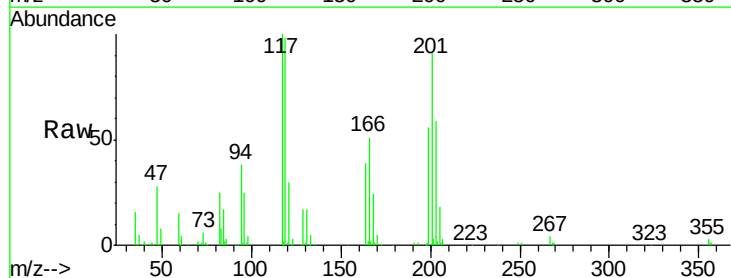
Manual Integrations
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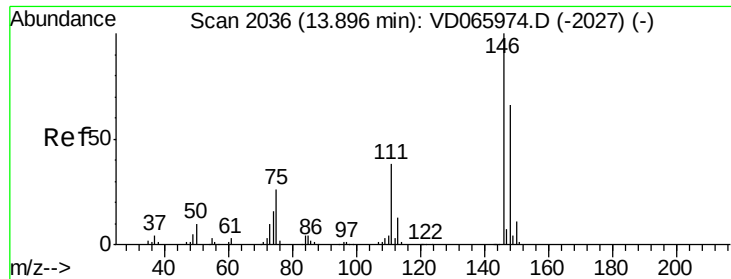
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#90
Hexachloroethane
Concen: 54.807 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066080.D
Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	42.0	126.1





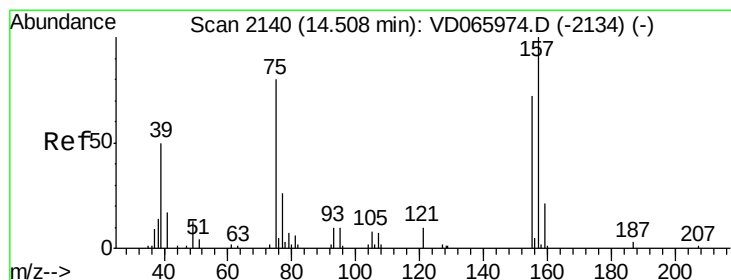
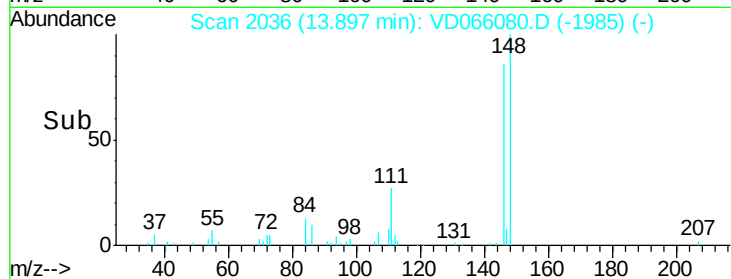
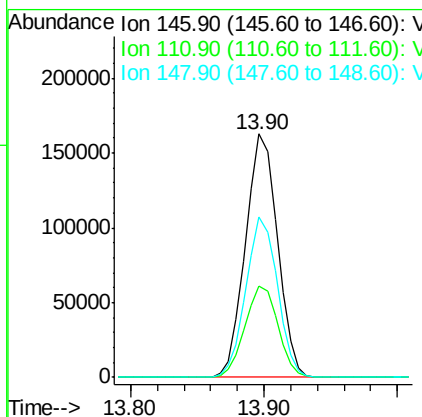
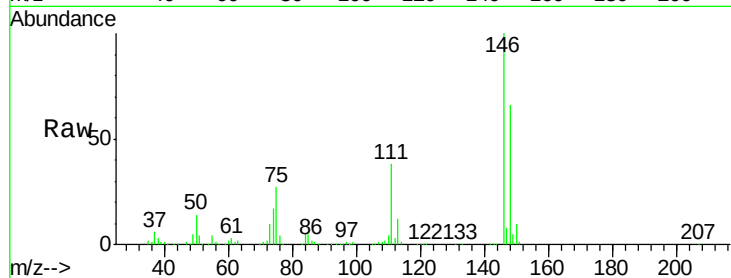
#91
 1,2-Dichlorobenzene
 Concen: 56.983 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 270048
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 64.7 32.7 98.1

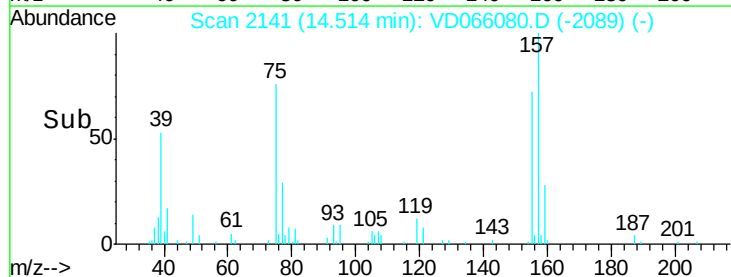
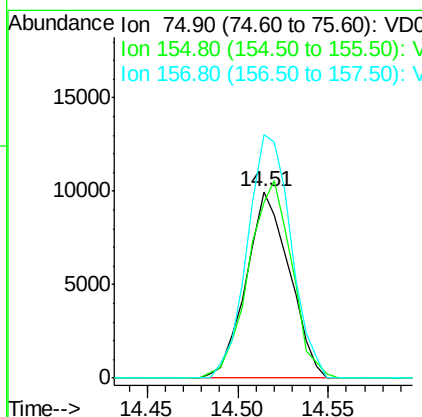
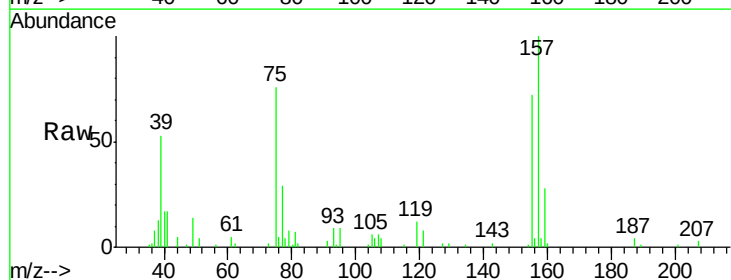
Manual Integrations
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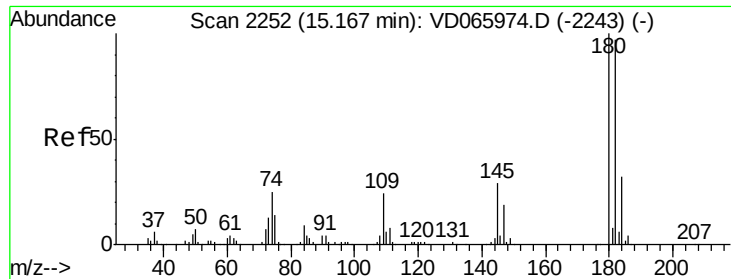
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.974 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion: 75 Resp: 16538
 Ion Ratio Lower Upper
 75 100
 155 106.1 48.5 145.5
 157 132.0 64.7 194.1





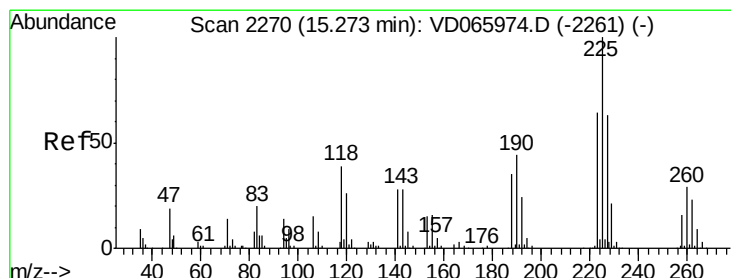
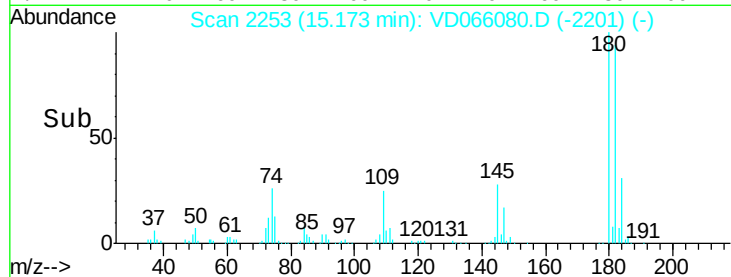
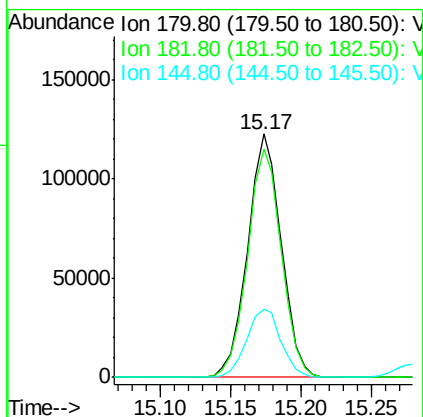
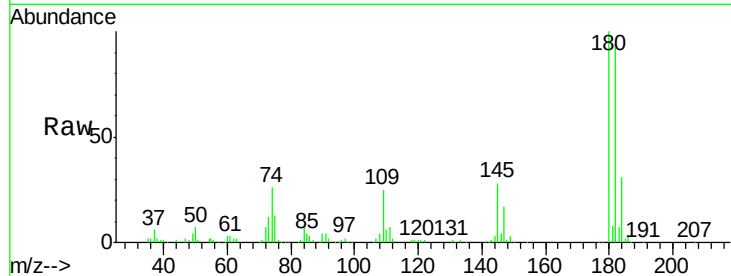
#93
 1,2,4-Trichlorobenzene
 Concen: 60.165 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204662		
182	94.4	48.1	144.3	
145	29.0	14.7	44.1	

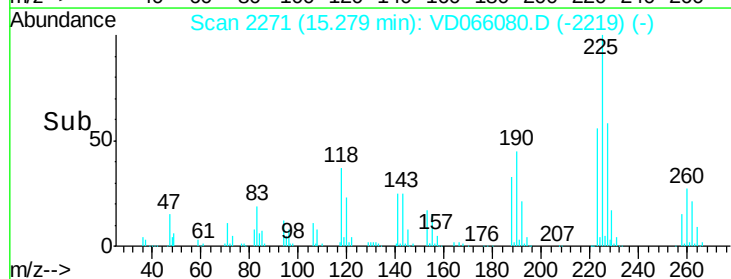
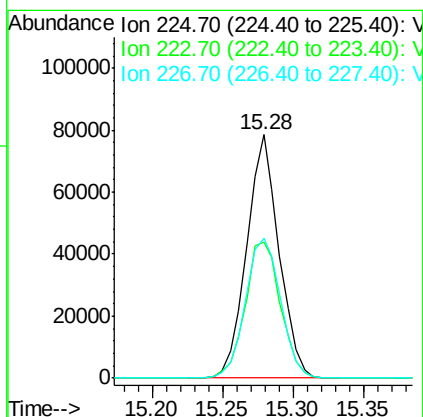
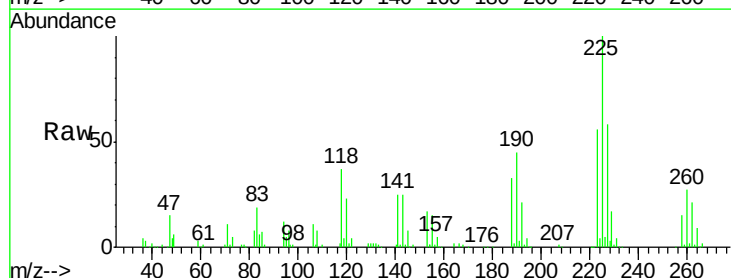
Manual Integrations
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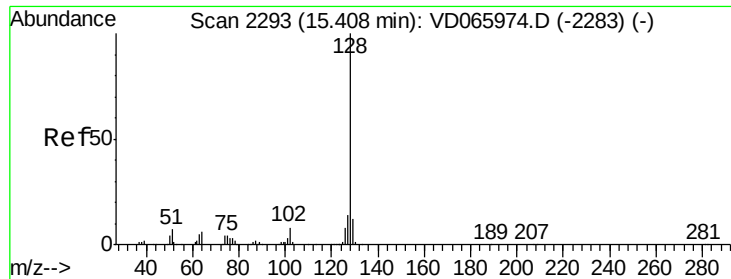
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#94
 Hexachlorobutadiene
 Concen: 59.779 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066080.D
 Acq: 28 Jul 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125717		
223	61.3	31.2	93.6	
227	62.5	31.6	94.8	





#95

Naphthalene

Concen: 54.796 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Instrument :

MSVOA_D

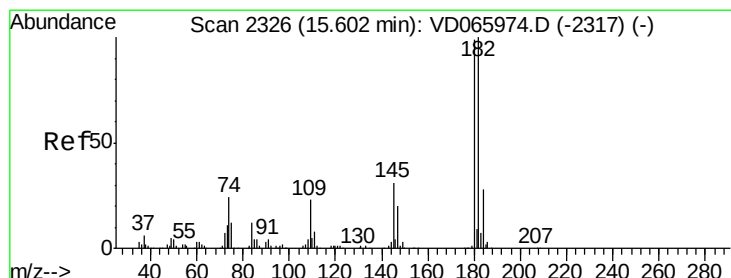
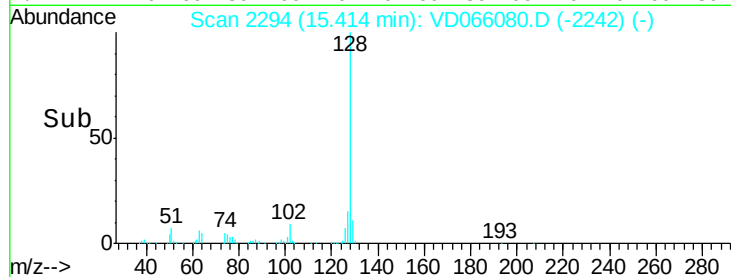
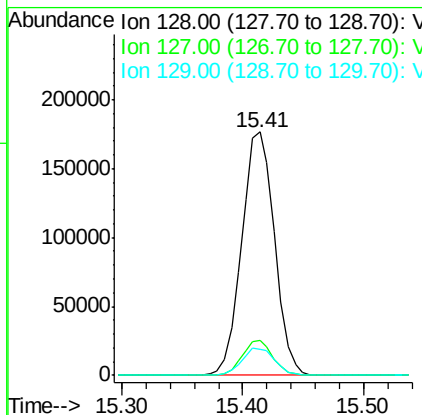
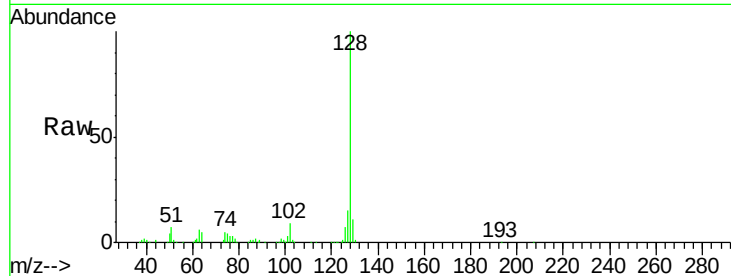
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	333696
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.8	16.2
129	11.4	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:05:58 PM



#96

1,2,3-Trichlorobenzene

Concen: 59.394 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD066080.D

Acq: 28 Jul 2020 16:36

Tgt Ion:	180	Resp:	175643
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.6
145	31.0	15.4	46.2

