

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073887.D
 Acq On : 20 Jul 2022 19:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 21 01:11:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	159102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	264238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	249540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	96415	50.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.500%	
35) Dibromofluoromethane	7.908	113	102339	54.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.332	98	364473	53.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	12.620	95	132862	57.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	95700	66.592	ug/l	96
3) Chloromethane	2.209	50	142675	61.672	ug/l	94
4) Vinyl Chloride	2.344	62	174460	47.578	ug/l	99
5) Bromomethane	2.756	94	74232	29.949	ug/l	96
6) Chloroethane	2.914	64	108198	43.776	ug/l	100
7) Trichlorofluoromethane	3.261	101	284195	86.670	ug/l	99
8) Diethyl Ether	3.708	74	45447	56.500	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.079	101	97114	53.375	ug/l	96
10) Methyl Iodide	4.291	142	98070	54.717	ug/l	99
11) Tert butyl alcohol	5.238	59	27256	267.833	ug/l #	94
12) 1,1-Dichloroethene	4.056	96	89664	55.457	ug/l	89
13) Acrolein	3.914	56	22146	251.120	ug/l	98
14) Allyl chloride	4.703	41	116383	49.316	ug/l #	92
15) Acrylonitrile	5.414	53	91047	277.336	ug/l	96
16) Acetone	4.156	43	65948	211.543	ug/l	93
17) Carbon Disulfide	4.397	76	265795	51.448	ug/l	100
18) Methyl Acetate	4.720	43	42118	57.652	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	213866	55.223	ug/l	97
20) Methylene Chloride	4.955	84	119362	56.906	ug/l #	83
21) trans-1,2-Dichloroethene	5.461	96	103606	54.205	ug/l	87
22) Diisopropyl ether	6.361	45	254852	50.746	ug/l #	93
23) Vinyl Acetate	6.297	43	638706	232.998	ug/l #	91
24) 1,1-Dichloroethane	6.255	63	167900	50.616	ug/l	98
25) 2-Butanone	7.208	43	109723	247.973	ug/l #	85
26) 2,2-Dichloropropane	7.197	77	144156	48.938	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	110162	51.195	ug/l	89
28) Bromochloromethane	7.538	49	63904	51.347	ug/l #	69
29) Tetrahydrofuran	7.555	42	73828	275.164	ug/l #	87
30) Chloroform	7.702	83	188696	51.681	ug/l	98
31) Cyclohexane	7.979	56	144541	47.880	ug/l	87
32) 1,1,1-Trichloroethane	7.891	97	176971	52.098	ug/l	97
36) 1,1-Dichloropropene	8.102	75	141479	52.609	ug/l	96
37) Ethyl Acetate	7.291	43	53998	55.841	ug/l	98
38) Carbon Tetrachloride	8.085	117	151890	49.456	ug/l	99
39) Methylcyclohexane	9.349	83	168554	53.769	ug/l	92
40) Benzene	8.344	78	379678	51.892	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31385	52.228	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	115082	51.392	ug/l	97
43) Isopropyl Acetate	8.444	43	109267	56.543	ug/l #	93
44) Trichloroethene	9.102	130	111393	54.552	ug/l	92
45) 1,2-Dichloropropane	9.373	63	89818	50.788	ug/l	97
46) Dibromomethane	9.467	93	57931	54.004	ug/l	97
47) Bromodichloromethane	9.649	83	144441	52.006	ug/l	95
48) Methyl methacrylate	9.449	41	52091	54.980	ug/l #	84
49) 1,4-Dioxane	9.455	88	12410	1105.662	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	273104	282.690	ug/l	92
52) Toluene	10.390	92	266327	54.085	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	132722	54.130	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	151105	53.260	ug/l	90
55) 1,1,2-Trichloroethane	10.790	97	75066	55.013	ug/l	98
56) Ethyl methacrylate	10.649	69	92728	58.699	ug/l #	86
57) 1,3-Dichloropropane	10.932	76	126046	54.316	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	207506	245.652	ug/l	90
59) 2-Hexanone	10.973	43	186112	281.933	ug/l	93
60) Dibromochloromethane	11.126	129	103479	55.981	ug/l	100
61) 1,2-Dibromoethane	11.232	107	78313	56.725	ug/l	98
64) Tetrachloroethene	10.867	164	95881	57.611	ug/l	94
65) Chlorobenzene	11.655	112	282228	54.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	106297	54.423	ug/l	99
67) Ethyl Benzene	11.732	91	510840	53.834	ug/l	96
68) m/p-Xylenes	11.837	106	407360	109.831	ug/l	96
69) o-Xylene	12.167	106	195290	56.240	ug/l	93
70) Styrene	12.179	104	329139	55.443	ug/l	97
71) Bromoform	12.343	173	61016	57.733	ug/l #	98
73) Isopropylbenzene	12.467	105	519173	54.069	ug/l	99
74) N-amyl acetate	12.273	43	105092	55.486	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	86310	52.006	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	108492	79.759	ug/l #	100
77) Bromobenzene	12.749	156	115118	53.946	ug/l	86
78) n-propylbenzene	12.808	91	620343	52.959	ug/l	96
79) 2-Chlorotoluene	12.890	91	345967	52.649	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	435775	53.840	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	26655	52.878	ug/l	86
82) 4-Chlorotoluene	12.990	91	359925	51.794	ug/l	95
83) tert-Butylbenzene	13.208	119	382236	55.234	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	435665	54.040	ug/l	99
85) sec-Butylbenzene	13.384	105	571632	54.779	ug/l	97
86) p-Isopropyltoluene	13.496	119	485916	55.300	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	239231	53.535	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	235762	53.373	ug/l	98
89) n-Butylbenzene	13.826	91	444906	53.329	ug/l	97
90) Hexachloroethane	14.090	117	83573	48.132	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	207002	53.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.479	75	15506	55.639	ug/l	83
93) 1,2,4-Trichlorobenzene	15.137	180	130557	55.390	ug/l	99
94) Hexachlorobutadiene	15.249	225	71021	56.856	ug/l	98
95) Naphthalene	15.378	128	266752	62.962	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	115566	57.668	ug/l	97

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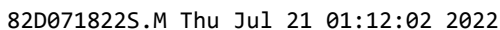
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ClientSampleId :
VSTDCCC050EC

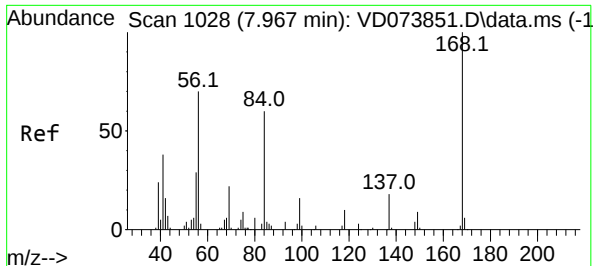
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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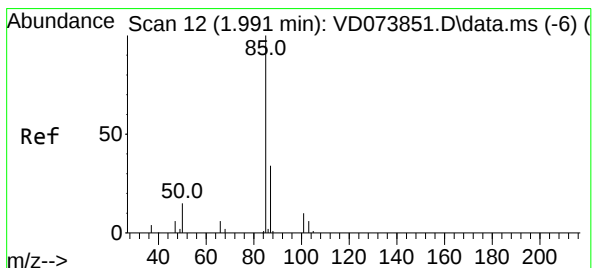
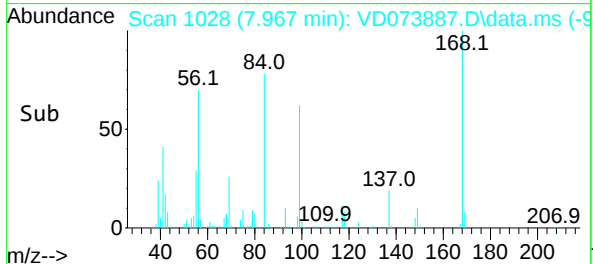
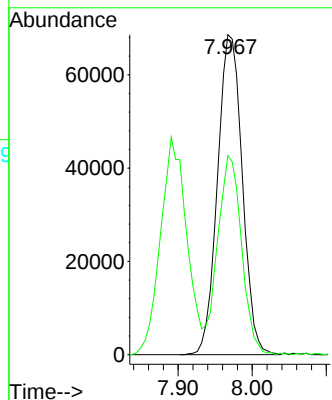
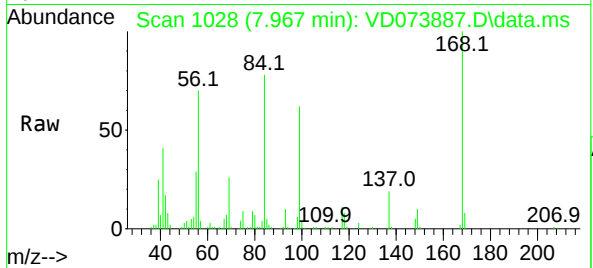




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
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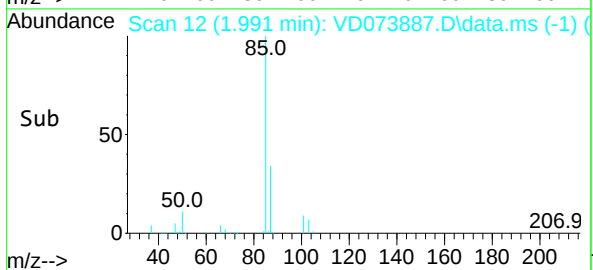
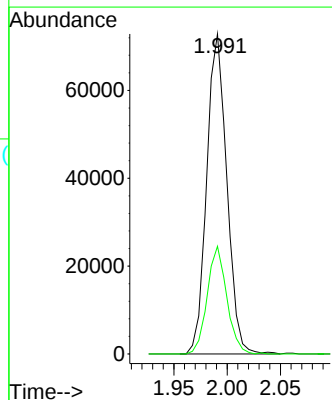
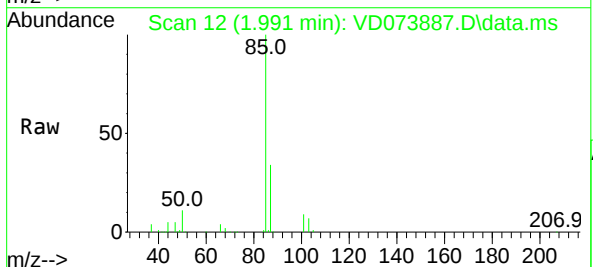
Instrument :
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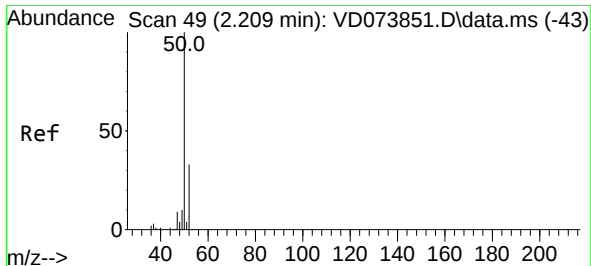
Tgt Ion:168 Resp: 159102
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 66.592 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 85 Resp: 95700
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

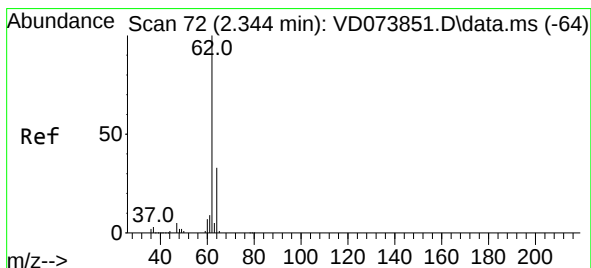
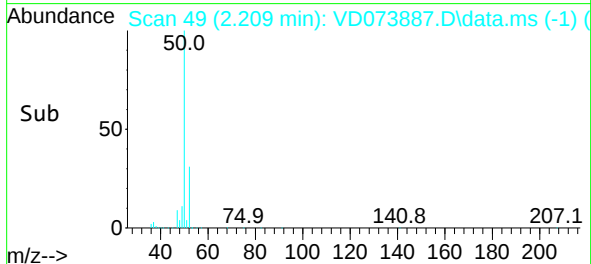
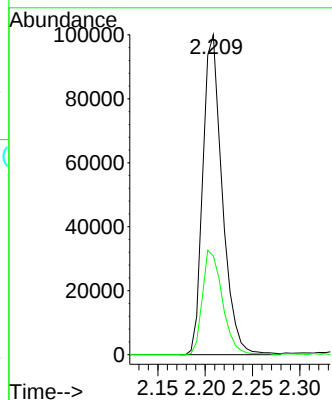
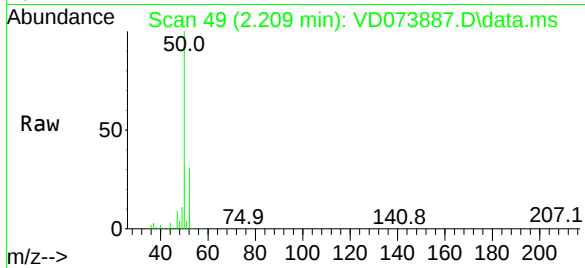




#3
Chloromethane
Concen: 61.672 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

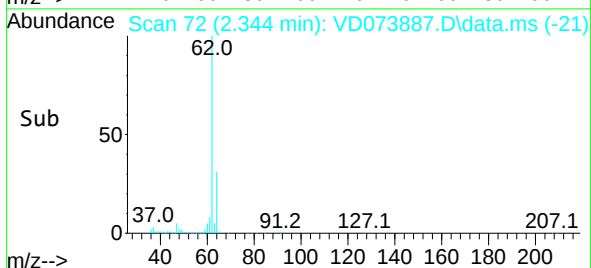
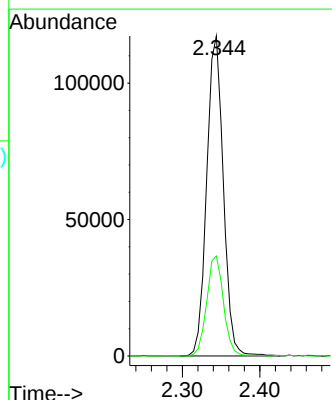
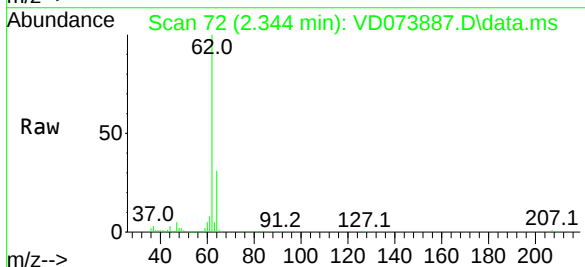
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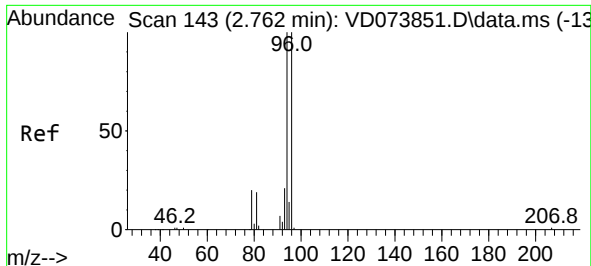
Tgt Ion: 50 Resp: 142675
Ion Ratio Lower Upper
50 100
52 30.9 27.4 41.0



#4
Vinyl Chloride
Concen: 47.578 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 62 Resp: 174460
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

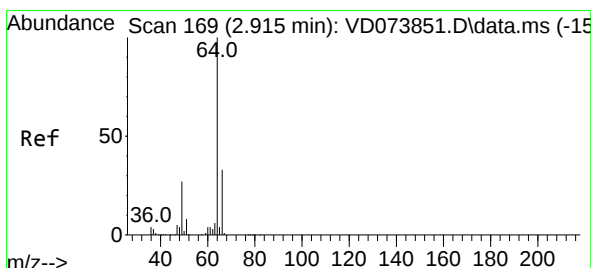
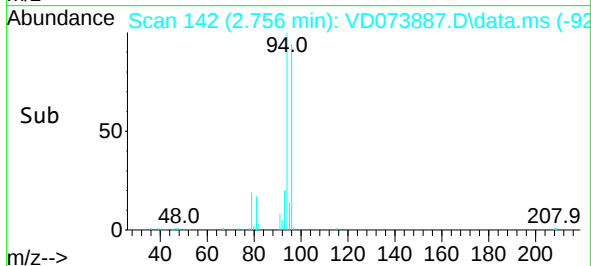
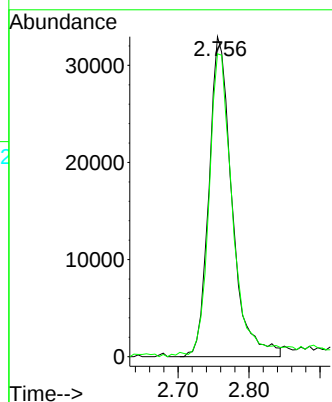
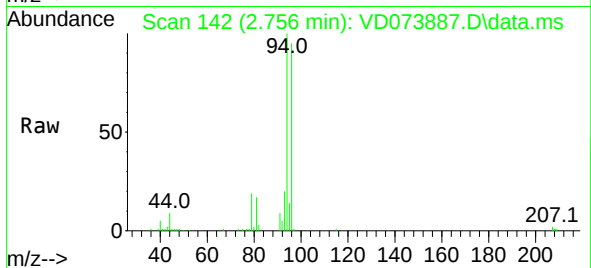




#5
Bromomethane
Concen: 29.949 ug/l
RT: 2.756 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

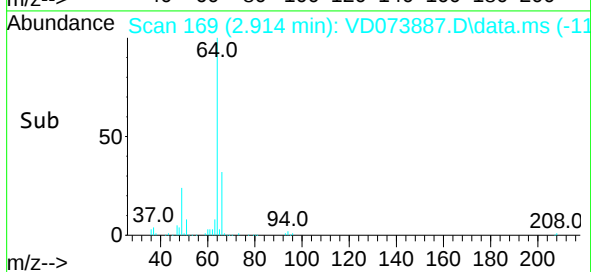
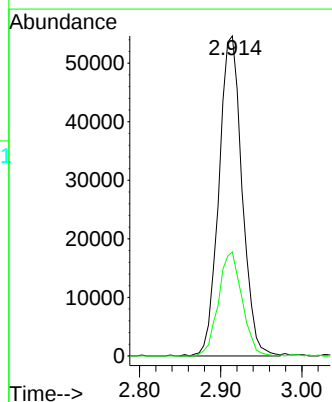
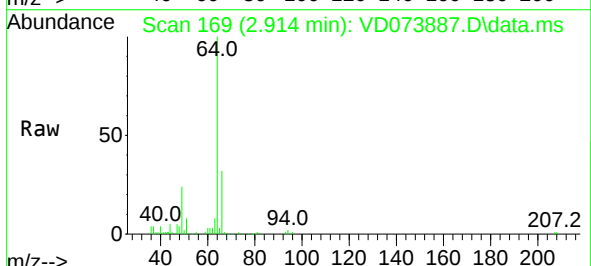
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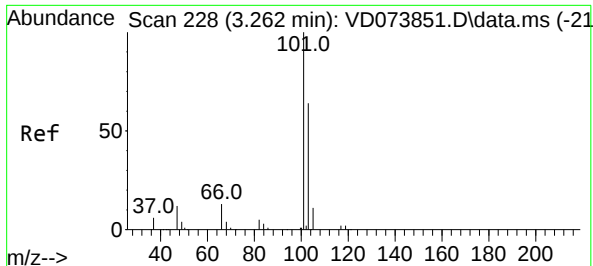
Tgt Ion: 94 Resp: 74232
Ion Ratio Lower Upper
94 100
96 93.3 77.6 116.4



#6
Chloroethane
Concen: 43.776 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 64 Resp: 108198
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9

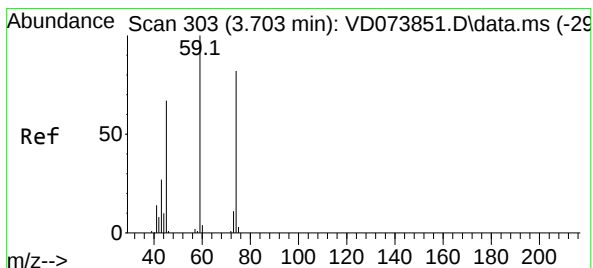
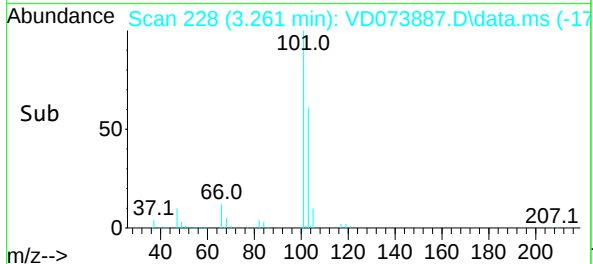
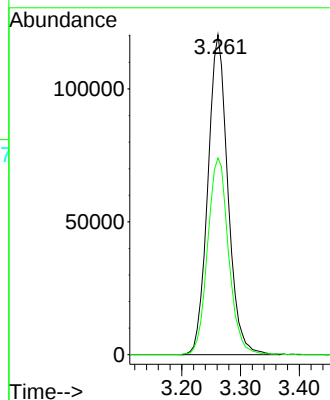
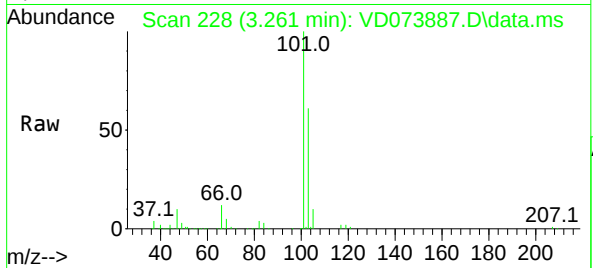




#7
Trichlorofluoromethane
Concen: 86.670 ug/l
RT: 3.261 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

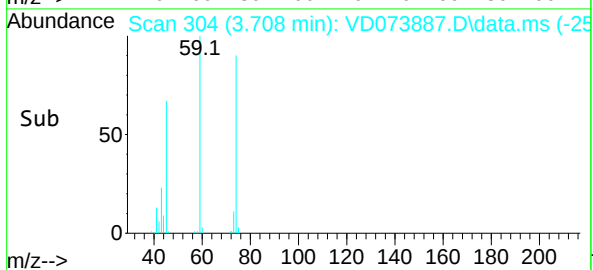
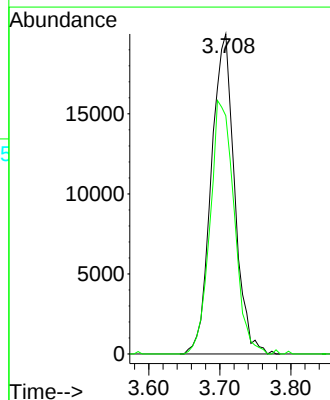
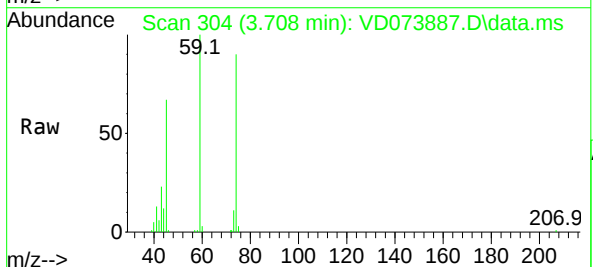
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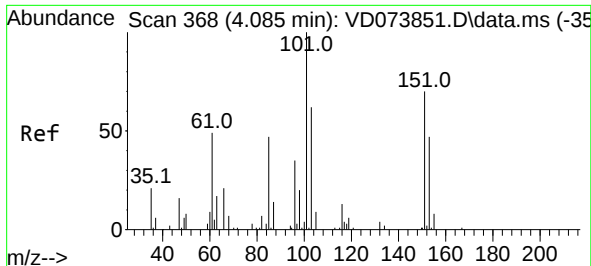
Tgt Ion:101 Resp: 284195
Ion Ratio Lower Upper
101 100
103 61.5 50.1 75.1



#8
Diethyl Ether
Concen: 56.500 ug/l
RT: 3.708 min Scan# 304
Delta R.T. 0.006 min
Lab File: VD073887.D
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Tgt Ion: 74 Resp: 45447
Ion Ratio Lower Upper
74 100
45 82.0 52.6 157.8

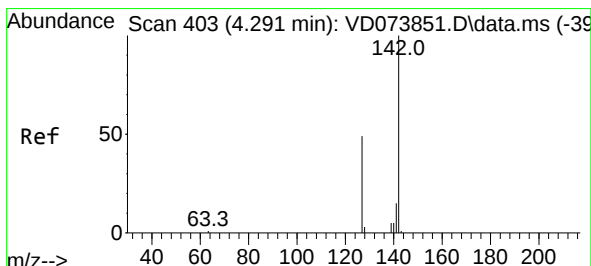
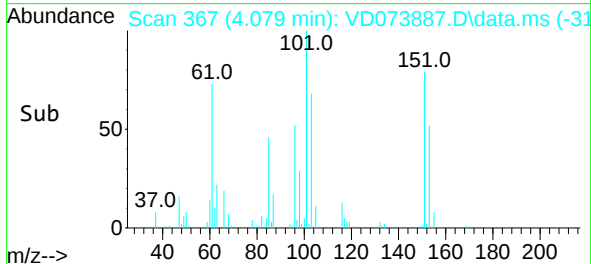
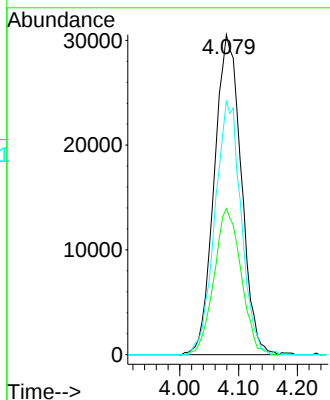
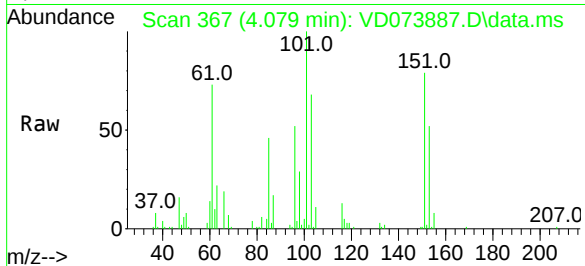




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.375 ug/l
RT: 4.079 min Scan# 367
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

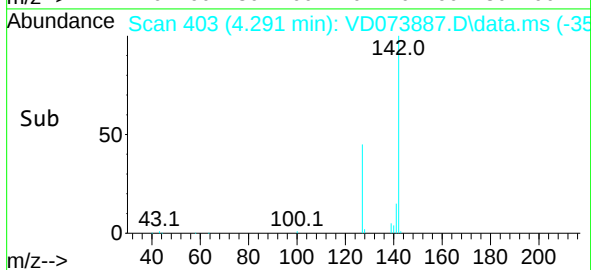
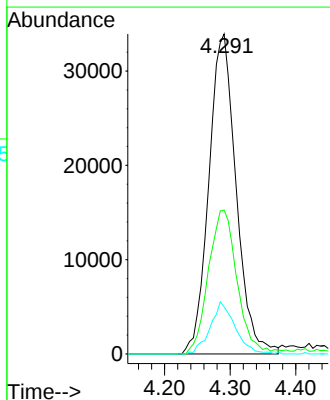
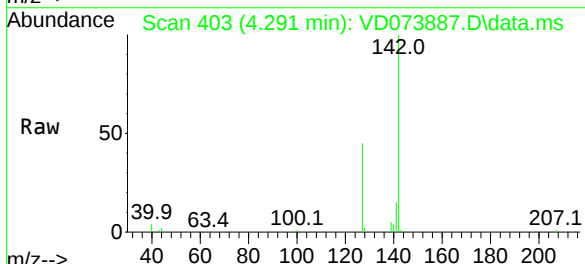
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

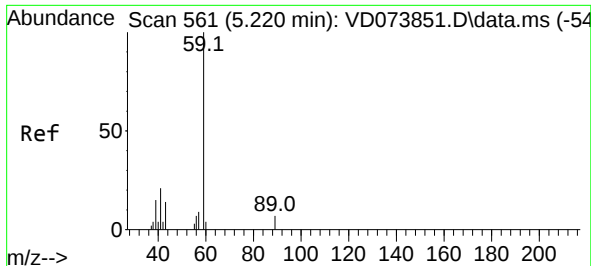
Tgt Ion:101 Resp: 97114
Ion Ratio Lower Upper
101 100
85 45.8 36.4 54.6
151 77.1 57.3 85.9



#10
Methyl Iodide
Concen: 54.717 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion:142 Resp: 98070
Ion Ratio Lower Upper
142 100
127 47.7 37.3 55.9
141 14.9 11.7 17.5

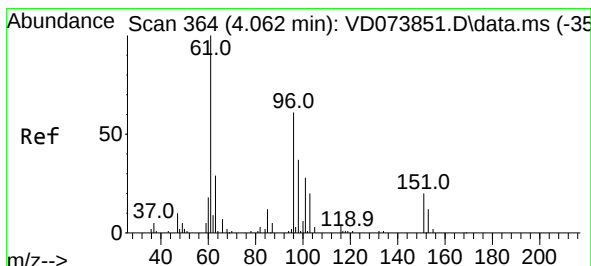
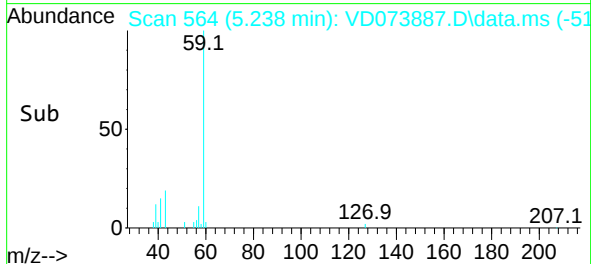
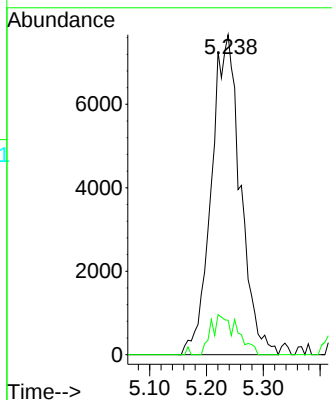
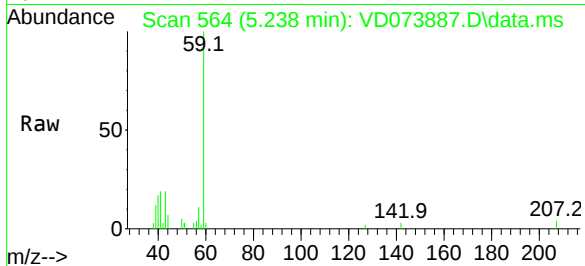




#11
Tert butyl alcohol
Concen: 267.833 ug/l
RT: 5.238 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

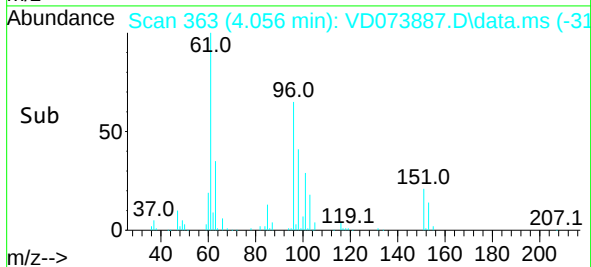
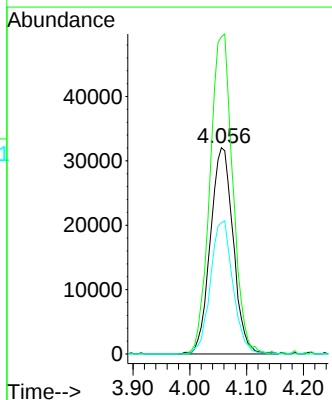
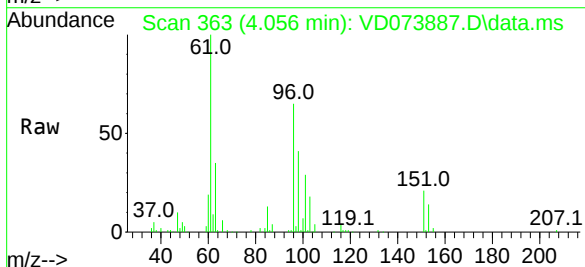
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

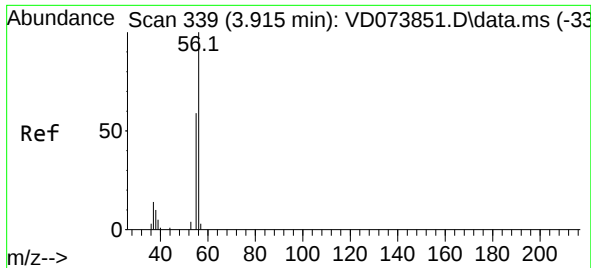
Tgt Ion: 59 Resp: 27256
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 55.457 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 96 Resp: 89664
Ion Ratio Lower Upper
96 100
61 153.7 138.5 207.7
98 63.6 48.6 73.0





#13

Acrolein

Concen: 251.120 ug/l

RT: 3.914 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

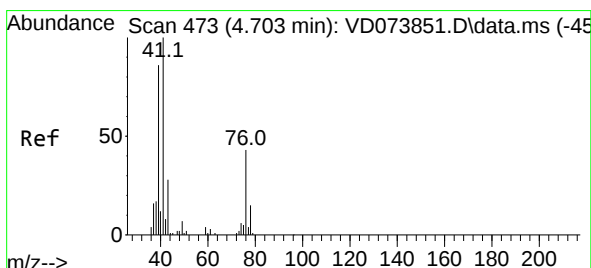
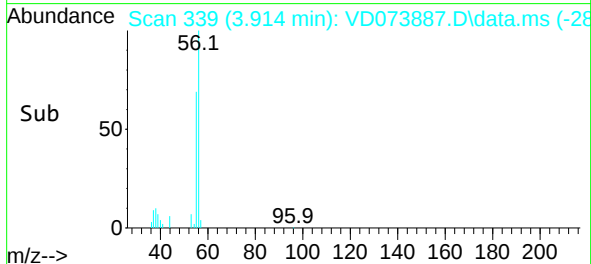
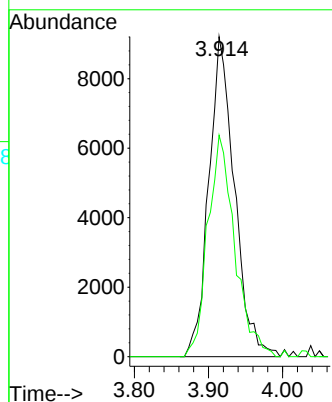
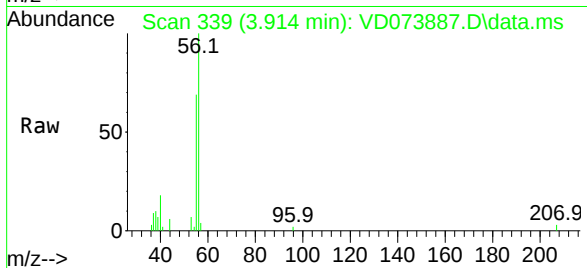
VSTDCCC050EC

Tgt Ion: 56 Resp: 22146

Ion Ratio Lower Upper

56 100

55 72.8 57.1 85.7



#14

Allyl chloride

Concen: 49.316 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

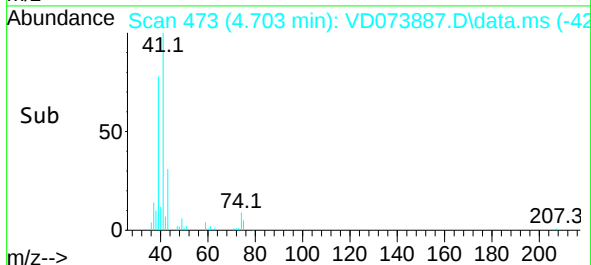
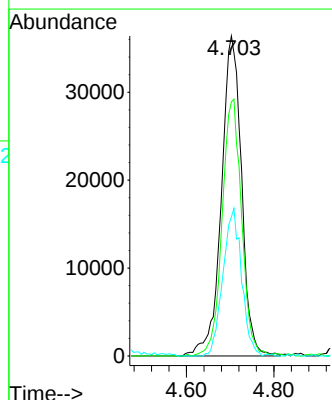
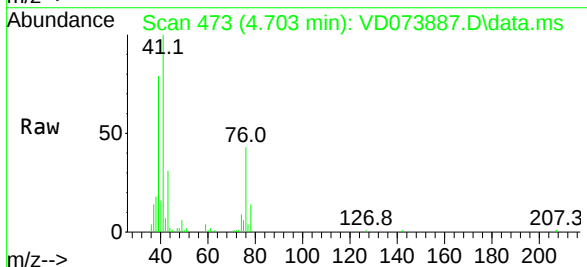
Tgt Ion: 41 Resp: 116383

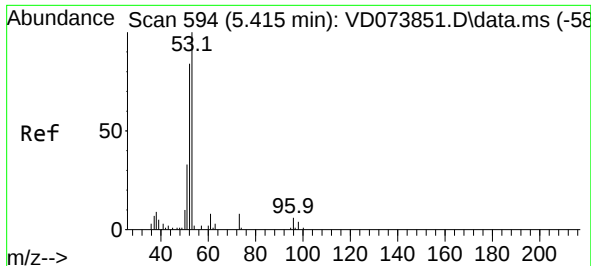
Ion Ratio Lower Upper

41 100

39 77.3 59.3 88.9

76 42.4 25.7 38.5#

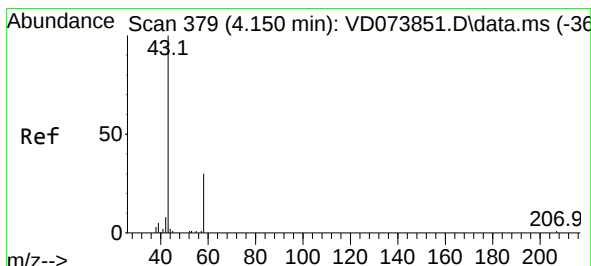
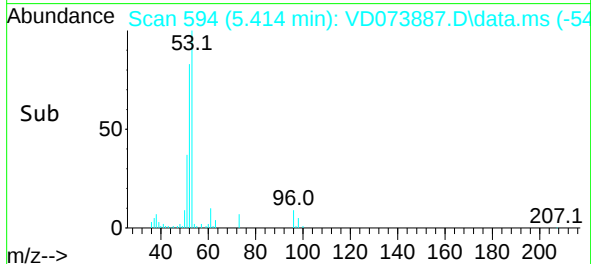
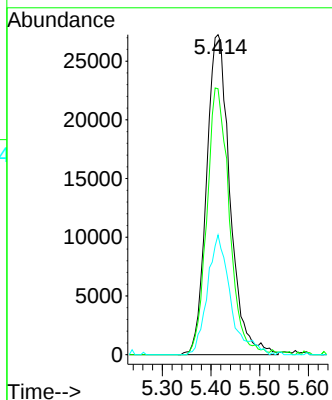
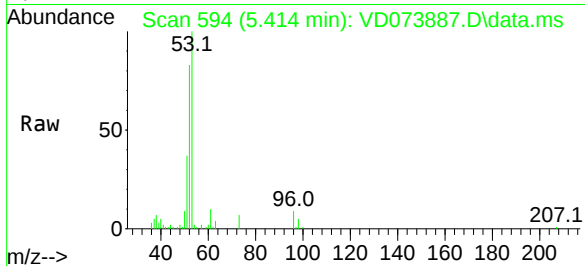




#15
Acrylonitrile
Concen: 277.336 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

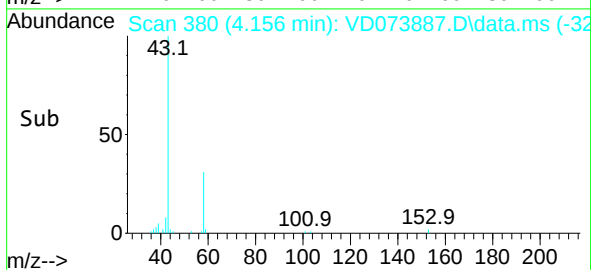
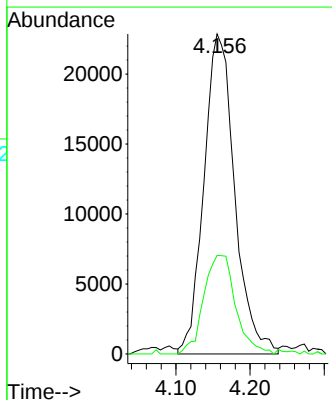
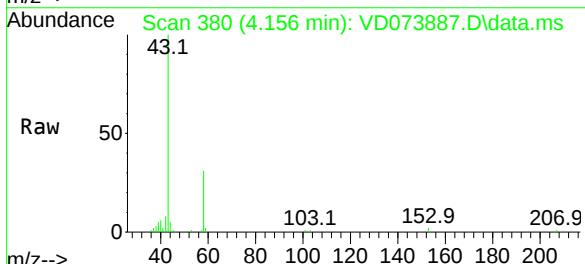
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

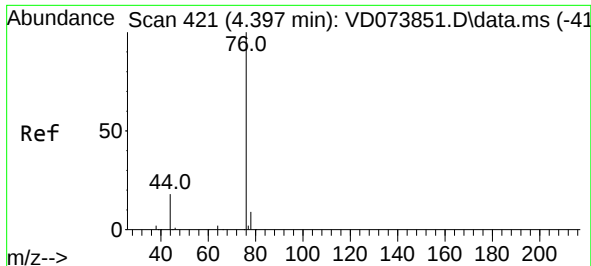
Tgt Ion: 53	Resp: 91047
Ion Ratio	Lower Upper
53 100	
52 79.8	67.2 100.8
51 36.9	30.3 45.5



#16
Acetone
Concen: 211.543 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 43	Resp: 65948
Ion Ratio	Lower Upper
43 100	
58 31.3	22.1 33.1

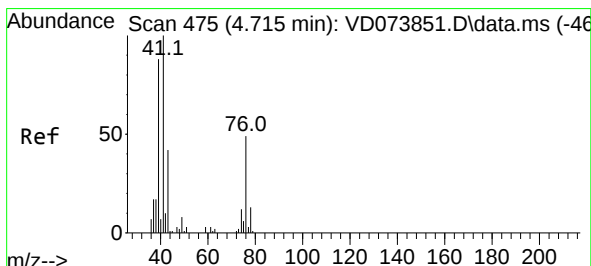
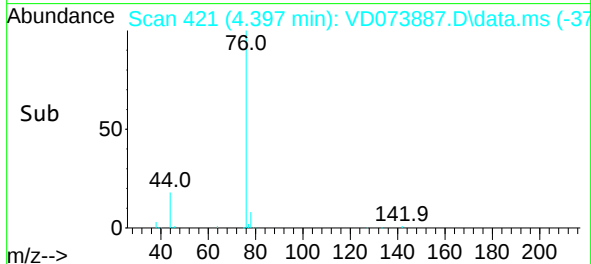
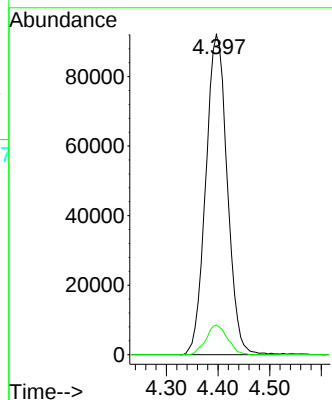
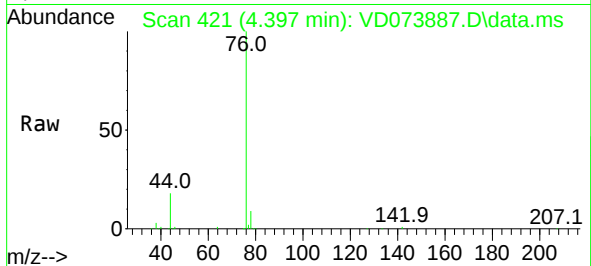




#17
Carbon Disulfide
Concen: 51.448 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

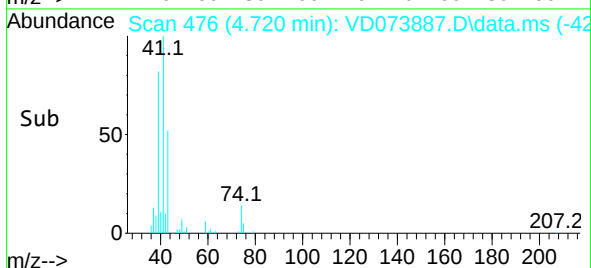
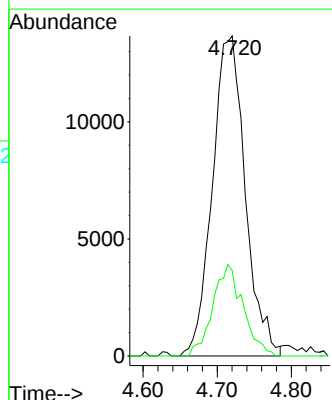
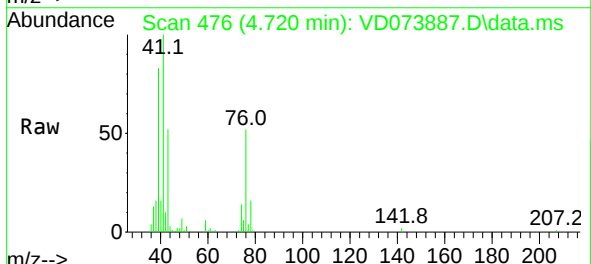
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

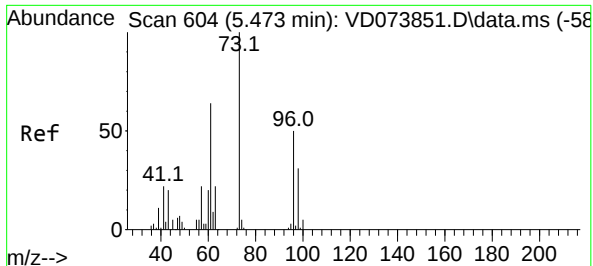
Tgt Ion: 76 Resp: 265795
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 57.652 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 43 Resp: 42118
Ion Ratio Lower Upper
43 100
74 26.3 16.7 25.1#

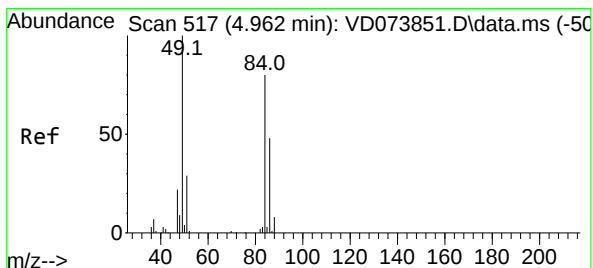
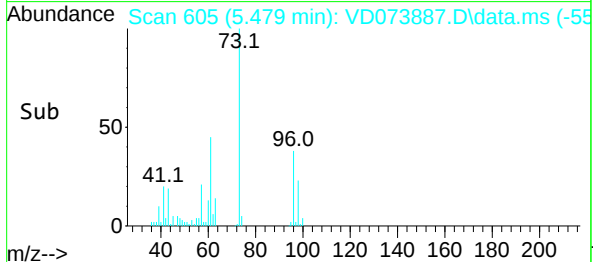
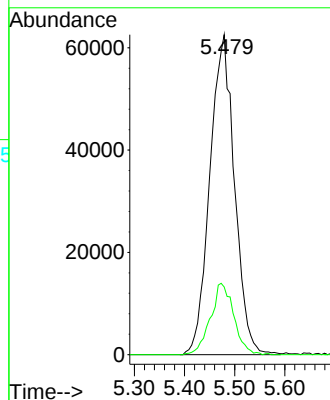
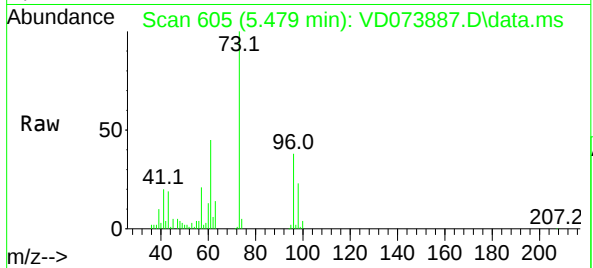




#19
Methyl tert-butyl Ether
Concen: 55.223 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

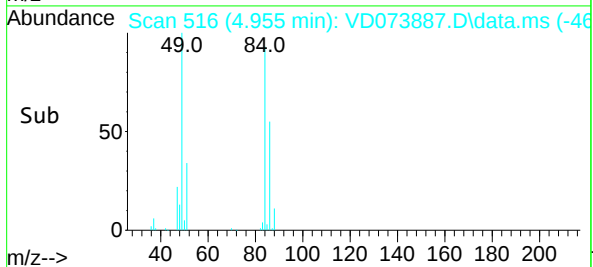
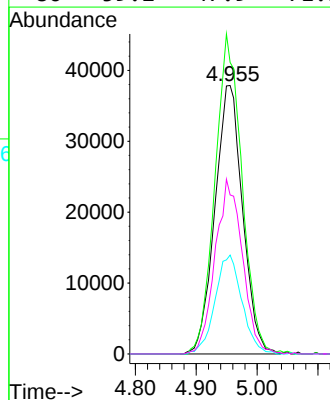
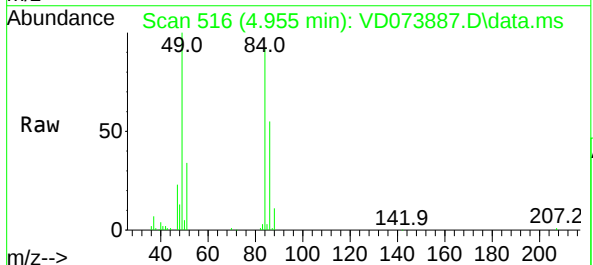
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

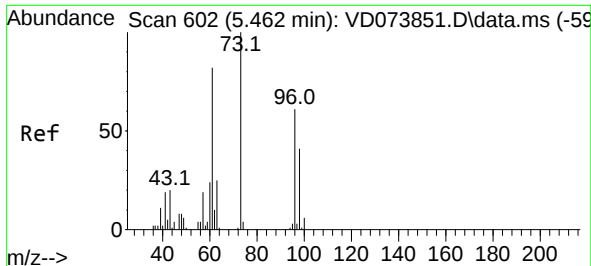
Tgt Ion: 73 Resp: 213866
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0



#20
Methylene Chloride
Concen: 56.906 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 84 Resp: 119362
Ion Ratio Lower Upper
84 100
49 108.6 112.8 169.2#
51 36.8 32.6 48.8
86 59.2 47.9 71.9

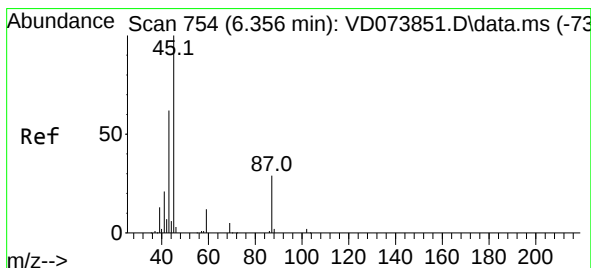
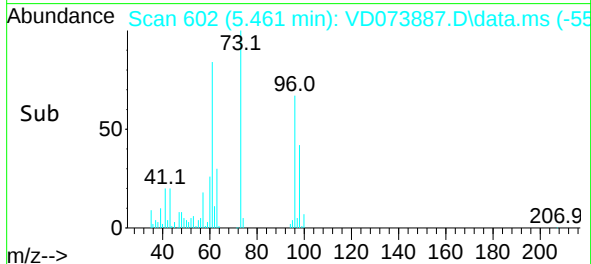
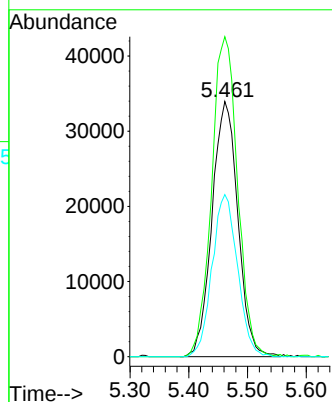
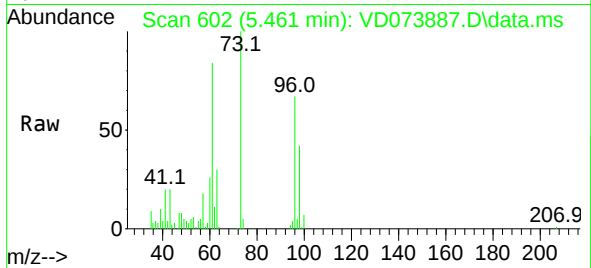




#21
trans-1,2-Dichloroethene
Concen: 54.205 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

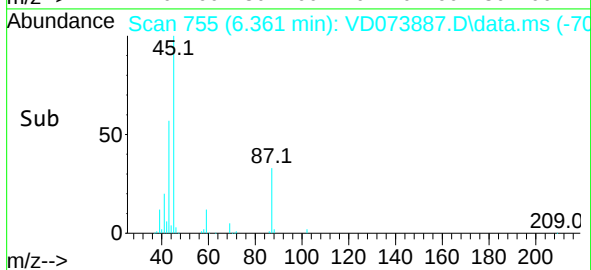
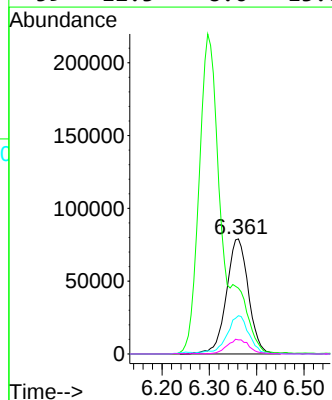
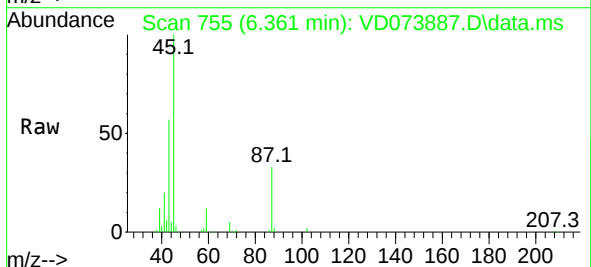
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

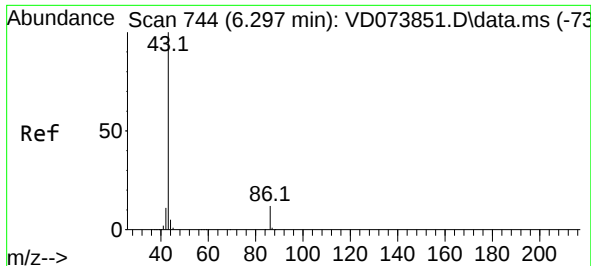
Tgt Ion: 96 Resp: 103606
Ion Ratio Lower Upper
96 100
61 125.4 117.9 176.9
98 63.5 49.4 74.2



#22
Diisopropyl ether
Concen: 50.746 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 45 Resp: 254852
Ion Ratio Lower Upper
45 100
43 56.2 46.6 70.0
87 32.8 18.4 27.6#
59 12.3 8.6 13.0

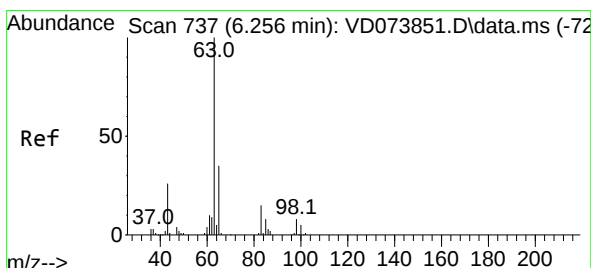
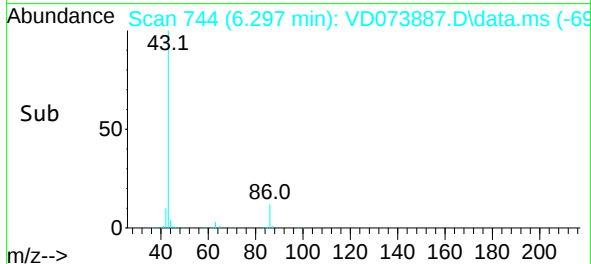
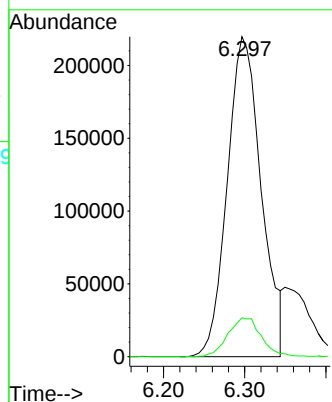
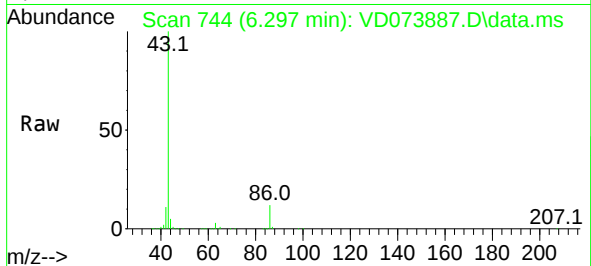




#23
 Vinyl Acetate
 Concen: 232.998 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

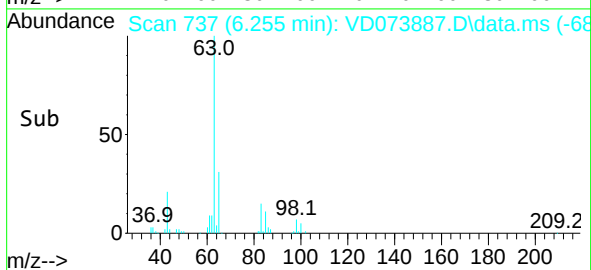
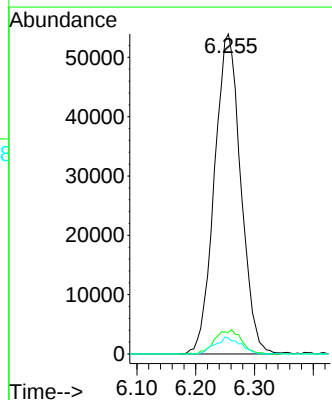
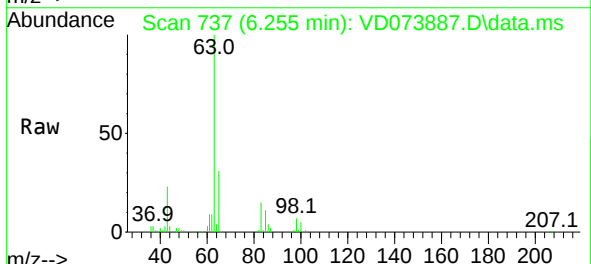
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

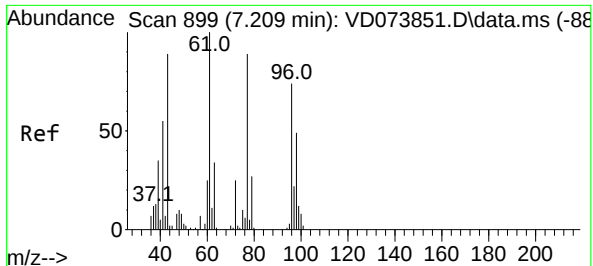
Tgt Ion: 43 Resp: 638706
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.616 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

Tgt Ion: 63 Resp: 167900
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 247.973 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

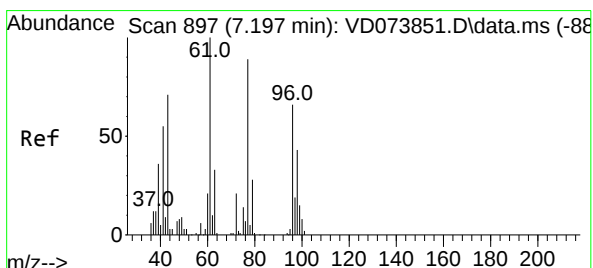
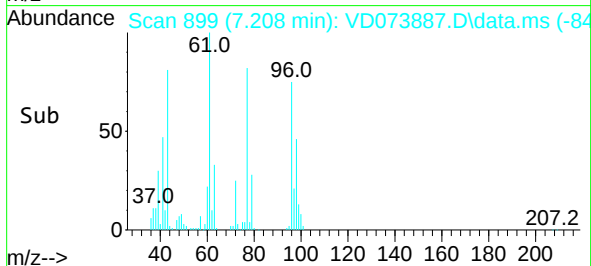
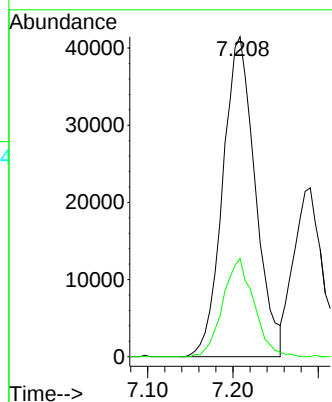
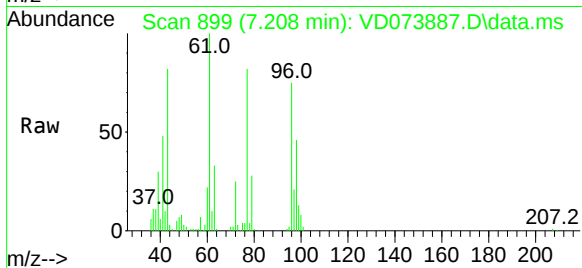
VSTDCCC050EC

Tgt Ion: 43 Resp: 109723

Ion Ratio Lower Upper

43 100

72 30.7 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 48.938 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.000 min

Lab File: VD073887.D

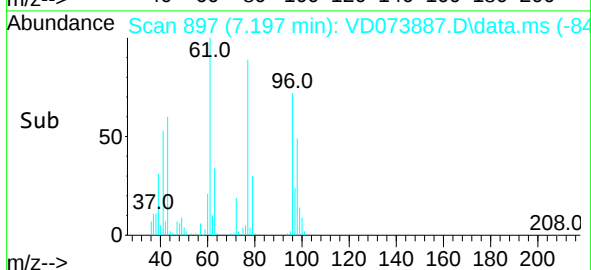
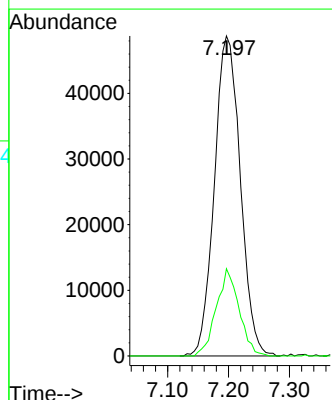
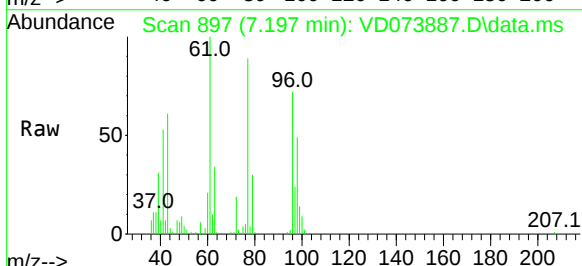
Acq: 20 Jul 2022 19:07

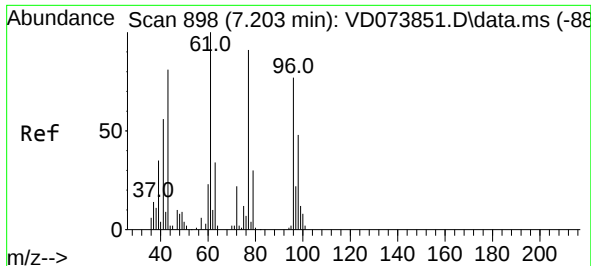
Tgt Ion: 77 Resp: 144156

Ion Ratio Lower Upper

77 100

97 24.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 51.195 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

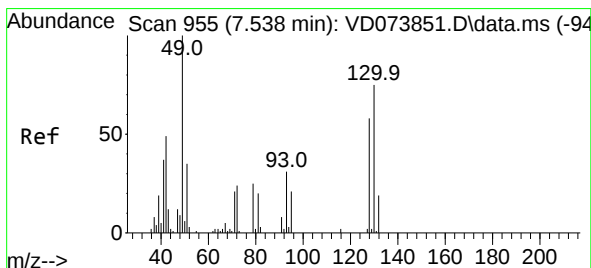
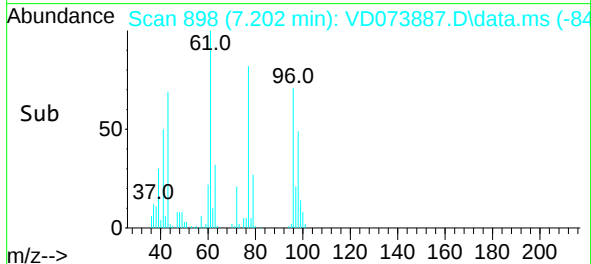
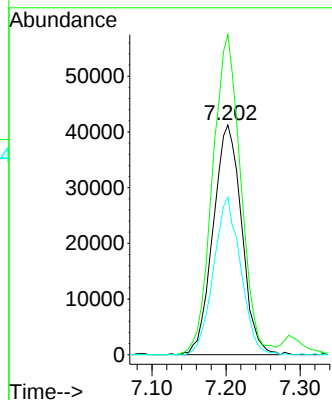
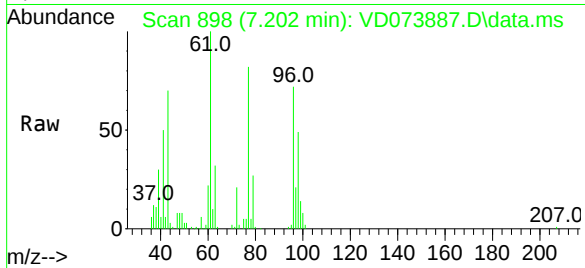
Tgt Ion: 96 Resp: 110162

Ion Ratio Lower Upper

96 100

61 138.1 0.0 313.8

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 51.347 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

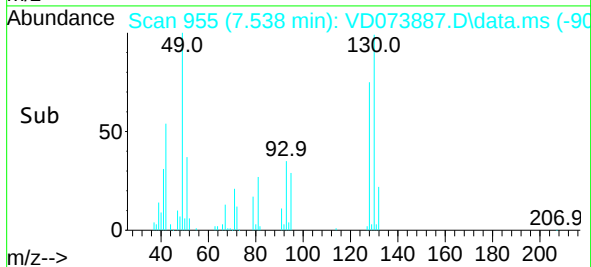
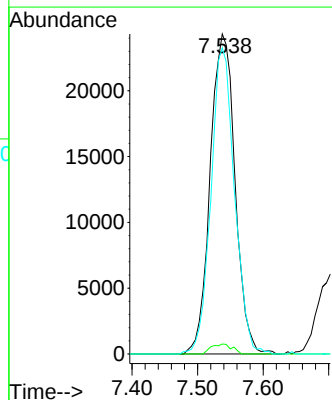
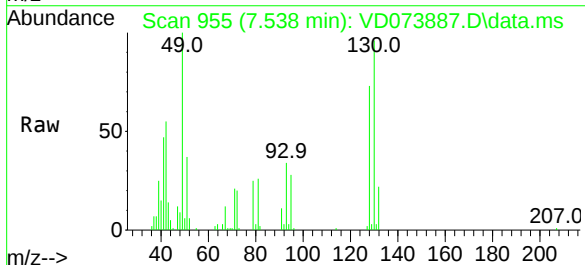
Tgt Ion: 49 Resp: 63904

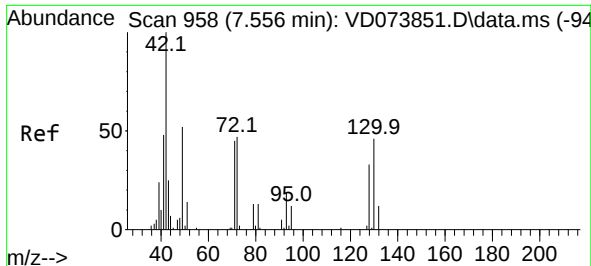
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.0

130 90.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 275.164 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

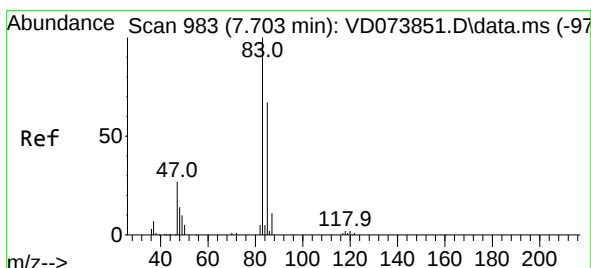
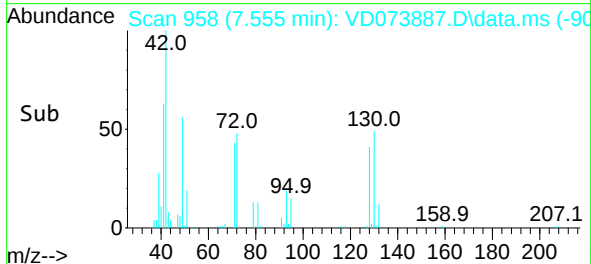
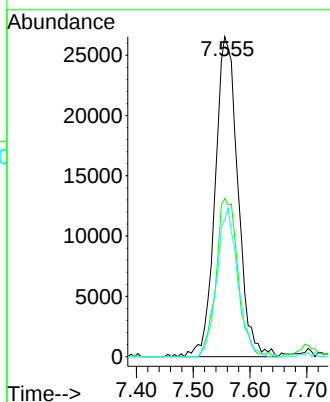
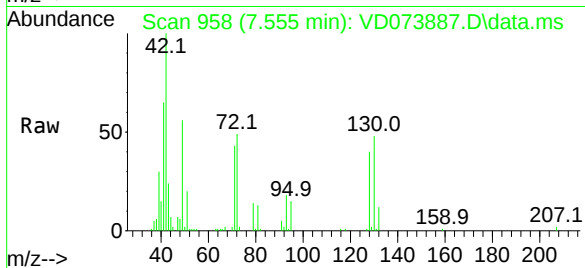
Tgt Ion: 42 Resp: 73828

Ion Ratio Lower Upper

42 100

72 47.4 30.7 46.1#

71 42.7 28.6 43.0



#30

Chloroform

Concen: 51.681 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073887.D

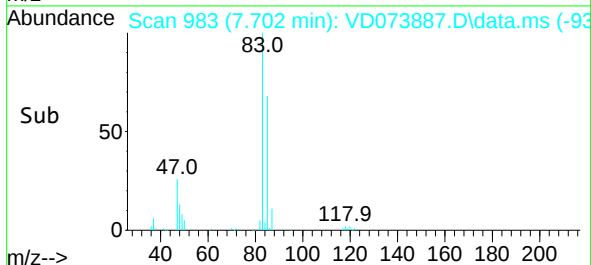
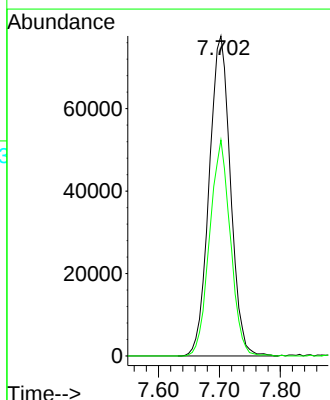
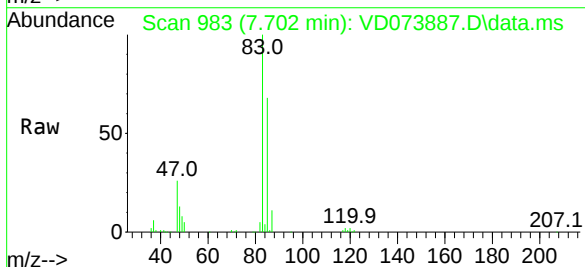
Acq: 20 Jul 2022 19:07

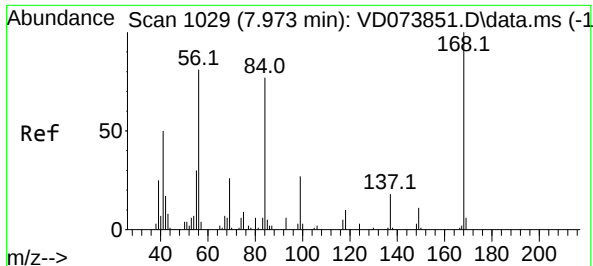
Tgt Ion: 83 Resp: 188696

Ion Ratio Lower Upper

83 100

85 67.5 52.7 79.1

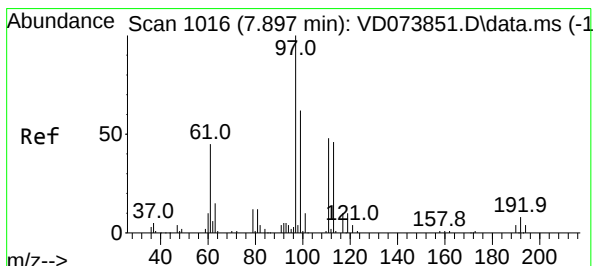
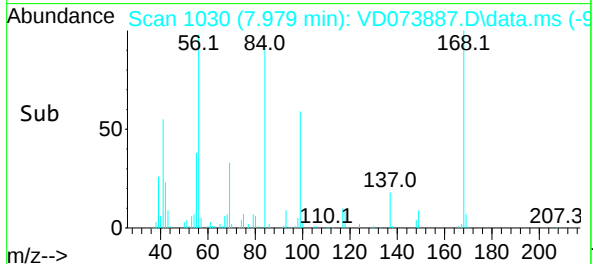
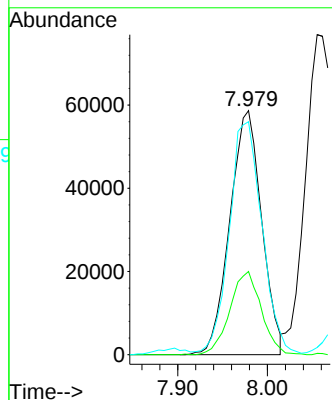
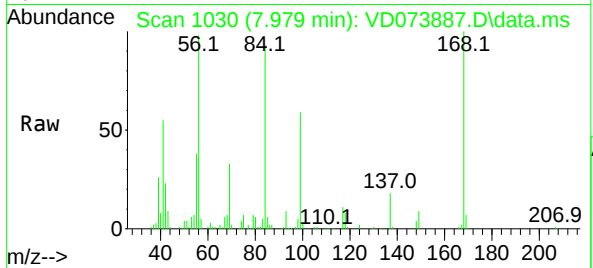




#31
Cyclohexane
Concen: 47.880 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

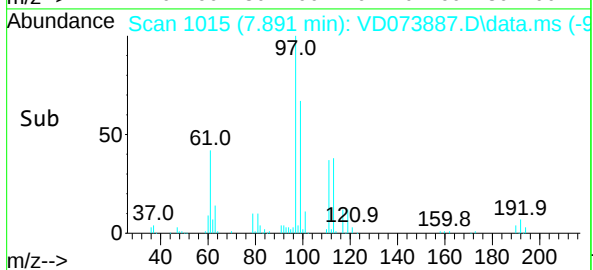
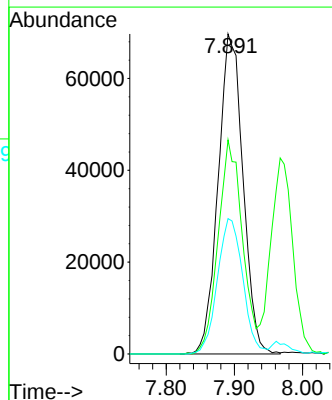
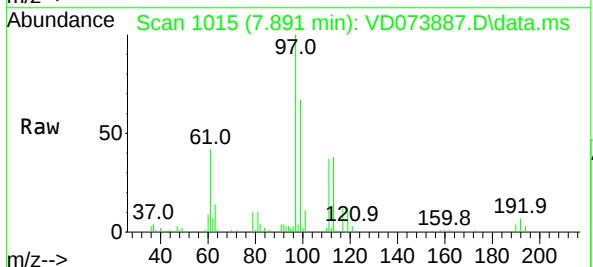
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

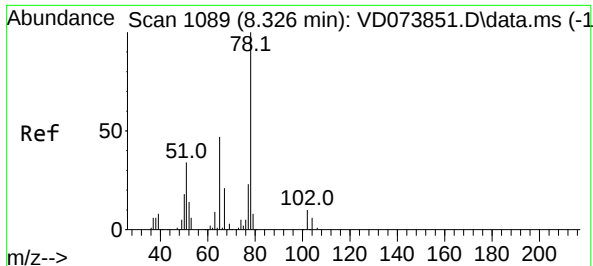
Tgt Ion: 56 Resp: 144541
Ion Ratio Lower Upper
56 100
69 34.1 25.4 38.2
84 93.8 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 52.098 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 97 Resp: 176971
Ion Ratio Lower Upper
97 100
99 64.9 52.4 78.6
61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.748 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

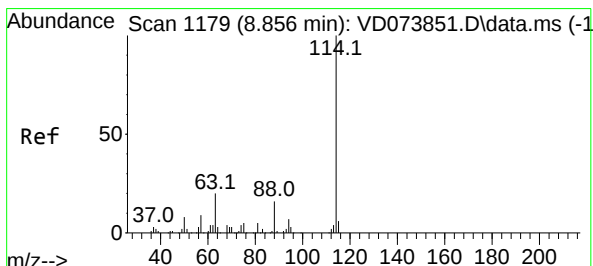
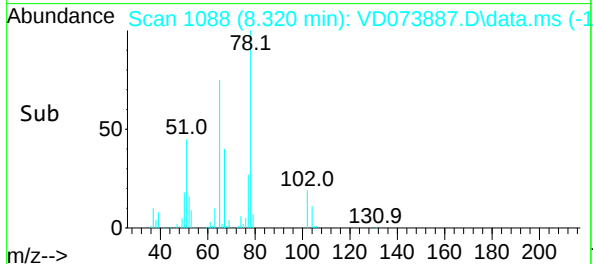
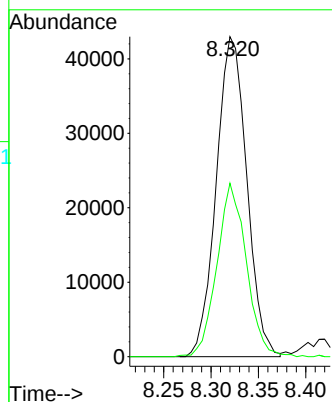
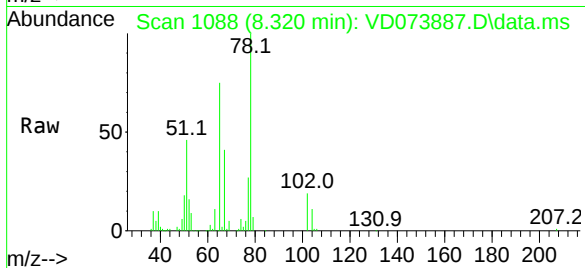
VSTDCCC050EC

Tgt Ion: 65 Resp: 96415

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

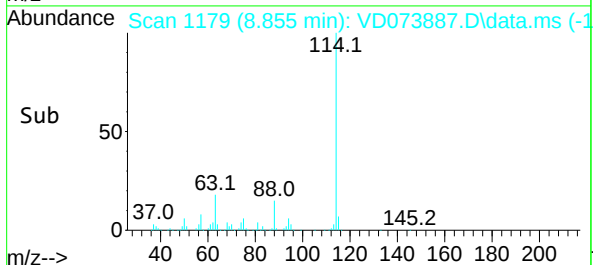
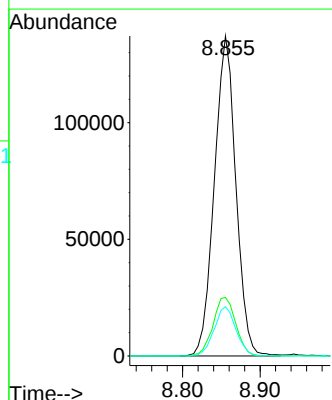
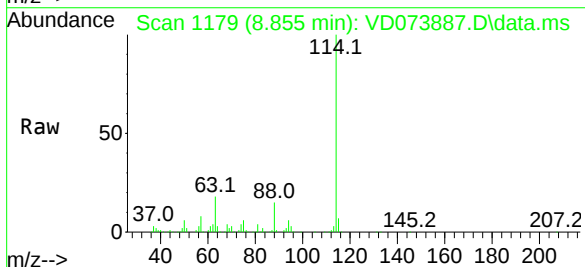
Tgt Ion: 114 Resp: 264238

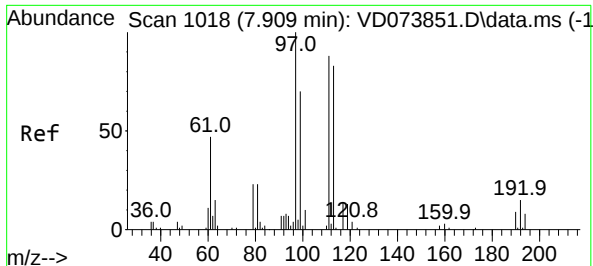
Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.899 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

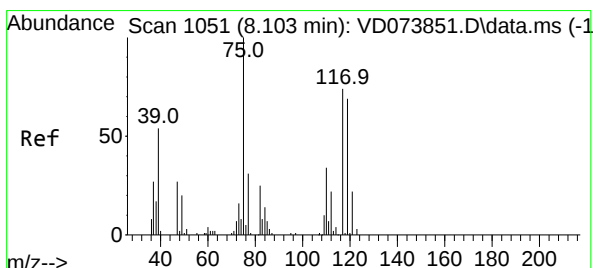
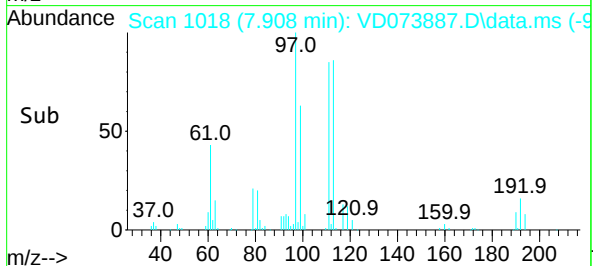
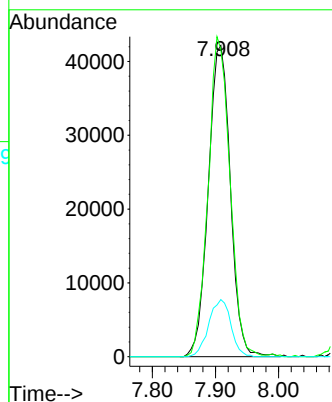
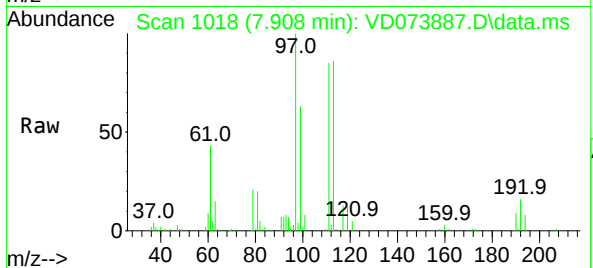
Tgt Ion:113 Resp: 102339

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 52.609 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

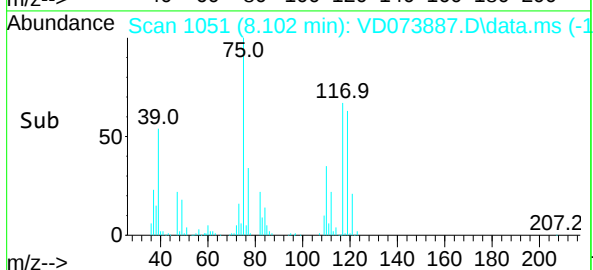
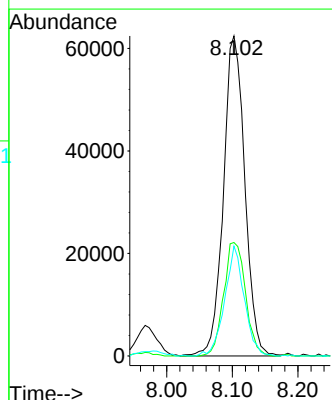
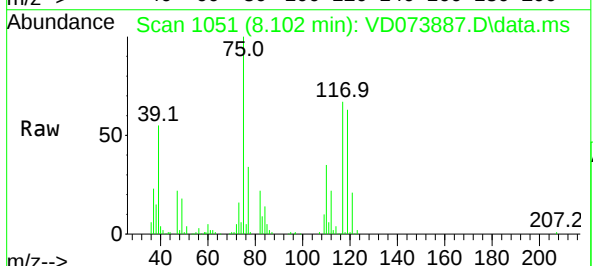
Tgt Ion: 75 Resp: 141479

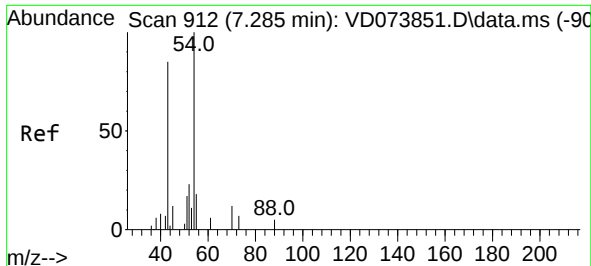
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 31.4 24.2 36.2





#37

Ethyl Acetate

Concen: 55.841 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

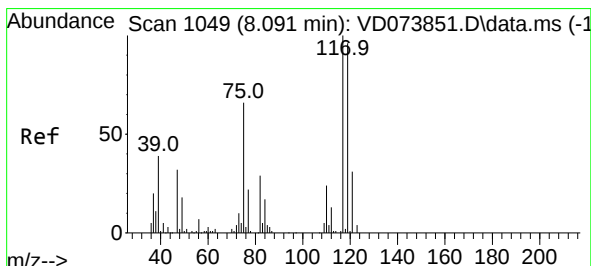
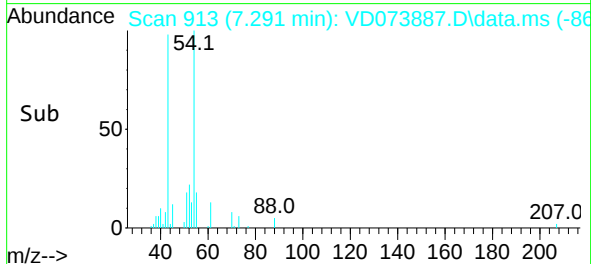
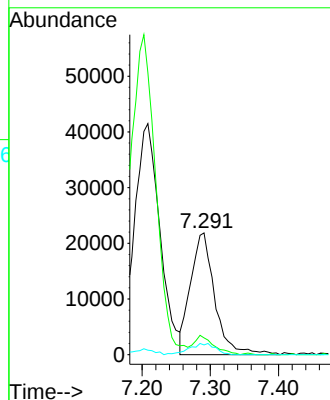
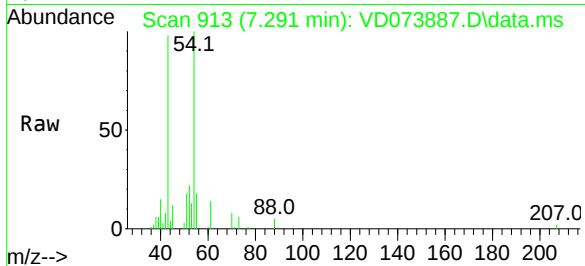
Tgt Ion: 43 Resp: 53998

Ion Ratio Lower Upper

43 100

61 12.8 9.8 14.8

70 9.7 6.9 10.3



#38

Carbon Tetrachloride

Concen: 49.456 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

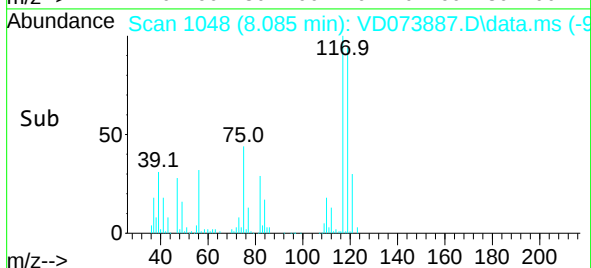
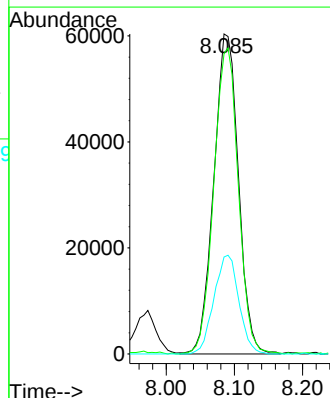
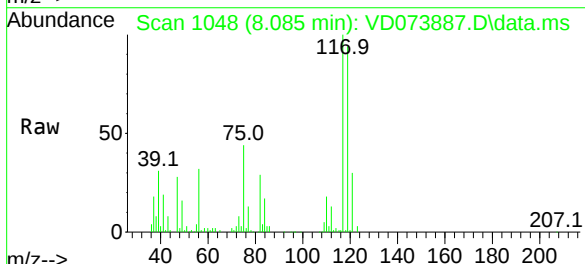
Tgt Ion: 117 Resp: 151890

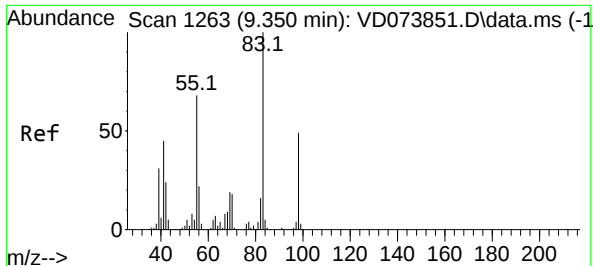
Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.6

121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 53.769 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

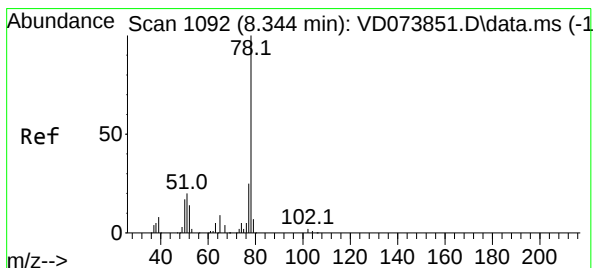
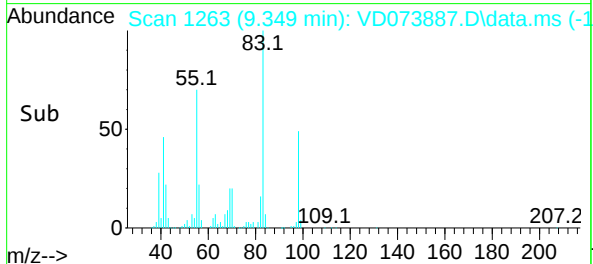
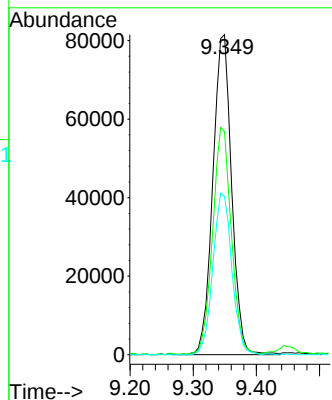
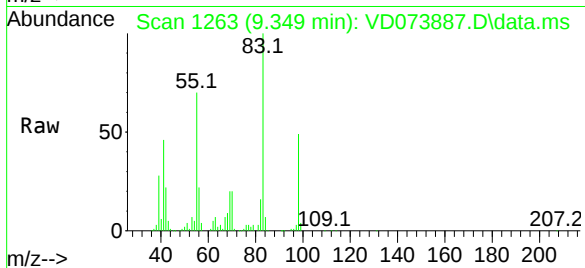
Tgt Ion: 83 Resp: 168554

Ion Ratio Lower Upper

83 100

55 69.5 63.2 94.8

98 49.4 38.2 57.4



#40

Benzene

Concen: 51.892 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073887.D

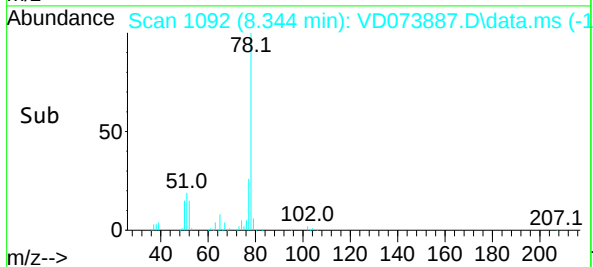
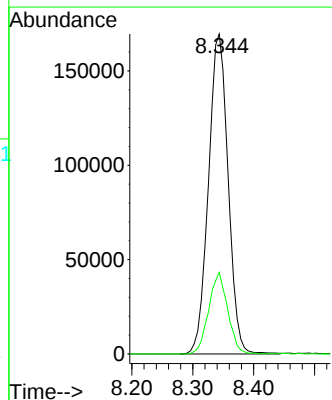
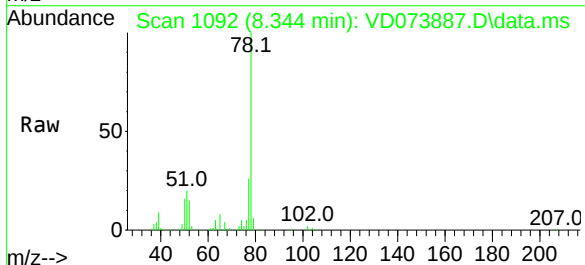
Acq: 20 Jul 2022 19:07

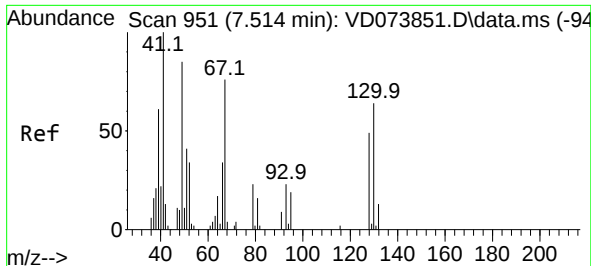
Tgt Ion: 78 Resp: 379678

Ion Ratio Lower Upper

78 100

77 25.5 19.1 28.7



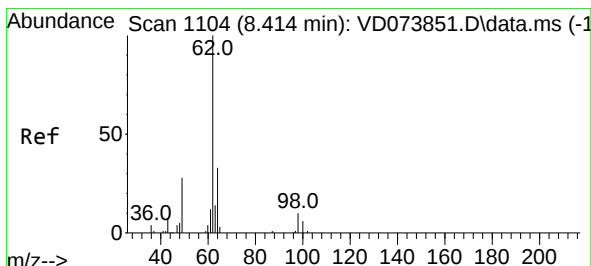
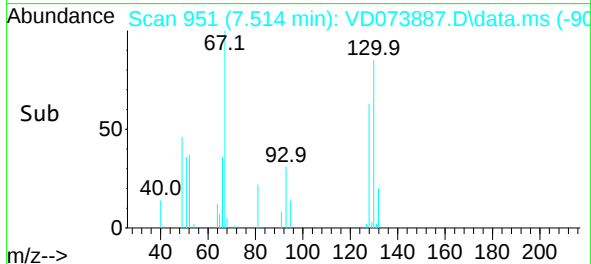
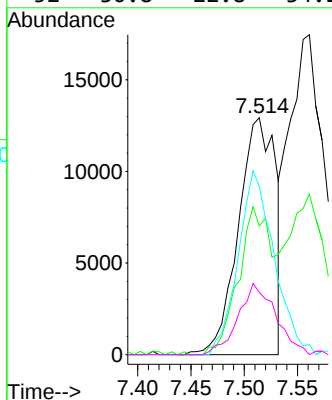
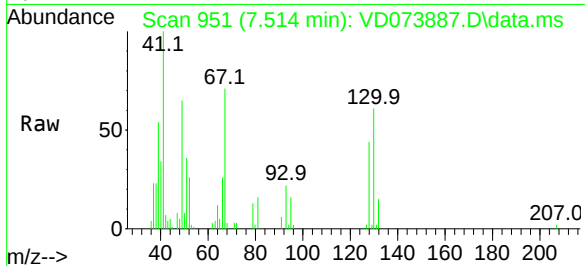


#41
Methacrylonitrile
Concen: 52.228 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 31385

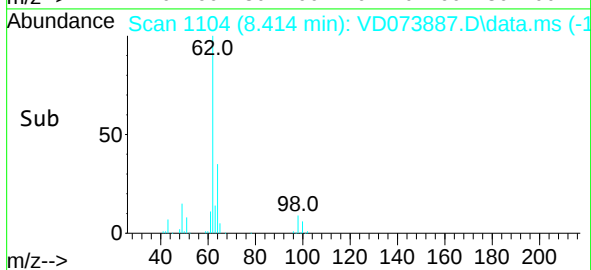
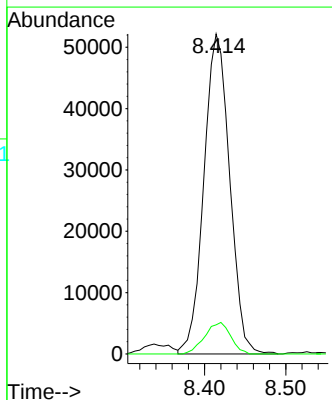
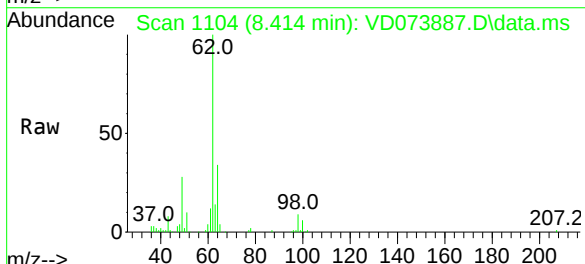
Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.6	67.0
67	75.4	48.2	72.4
52	30.8	22.8	34.2

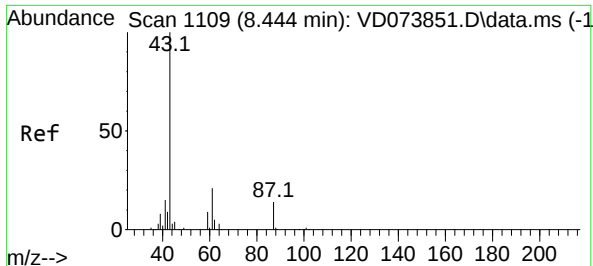


#42
1,2-Dichloroethane
Concen: 51.392 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 62 Resp: 115082

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 56.543 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073887.D

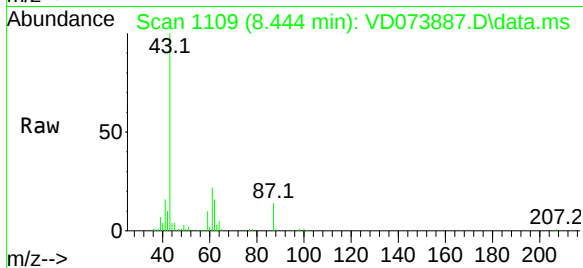
Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



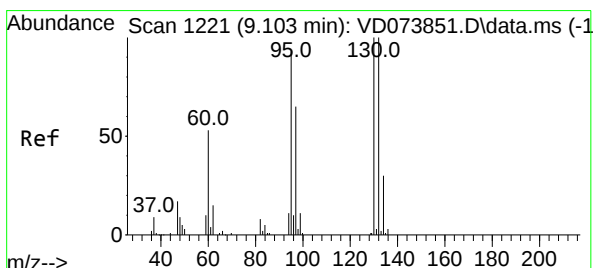
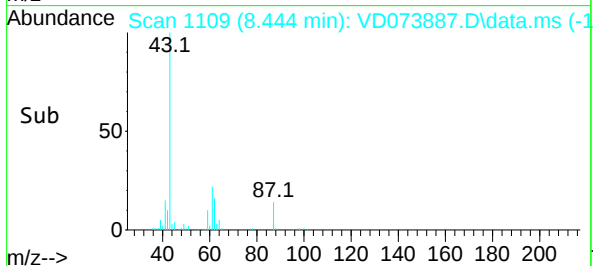
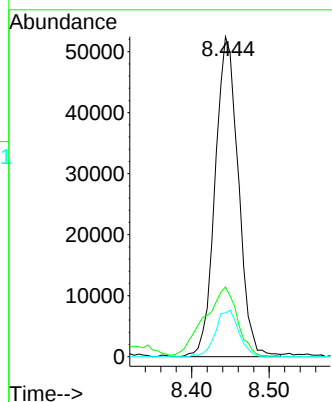
Tgt Ion: 43 Resp: 109267

Ion Ratio Lower Upper

43 100

61 31.0 22.4 33.6

87 14.6 8.7 13.1#



#44

Trichloroethene

Concen: 54.552 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VD073887.D

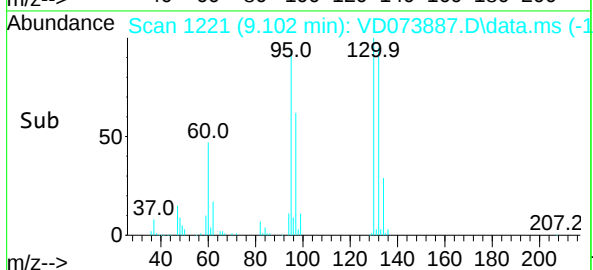
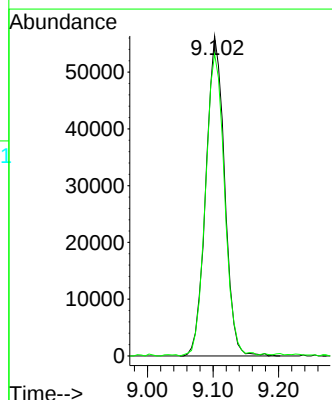
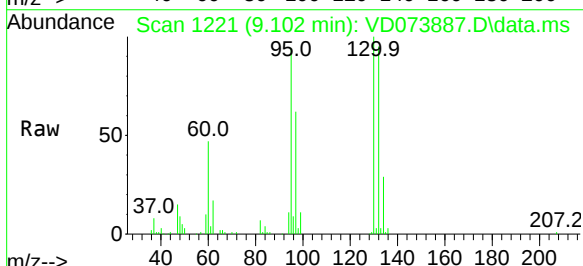
Acq: 20 Jul 2022 19:07

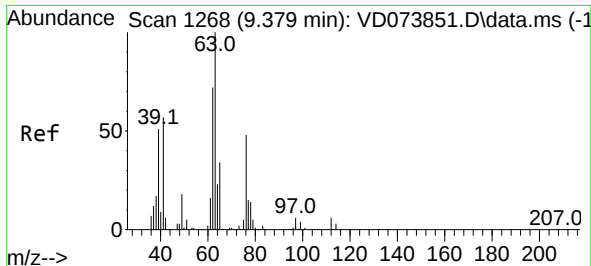
Tgt Ion:130 Resp: 111393

Ion Ratio Lower Upper

130 100

95 94.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.788 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. -0.006 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

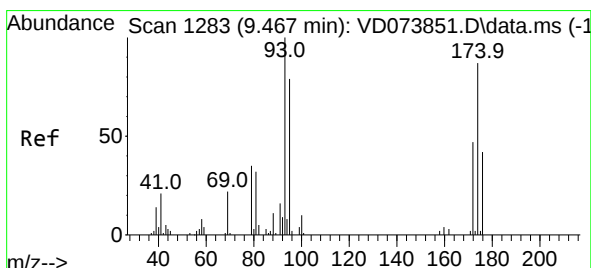
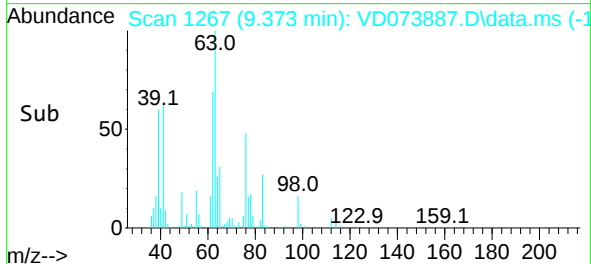
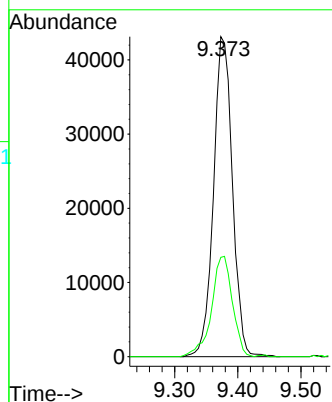
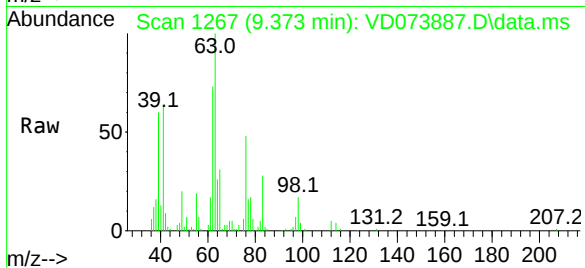
VSTDCCC050EC

Tgt Ion: 63 Resp: 89818

Ion Ratio Lower Upper

63 100

65 31.1 26.2 39.4



#46

Dibromomethane

Concen: 54.004 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

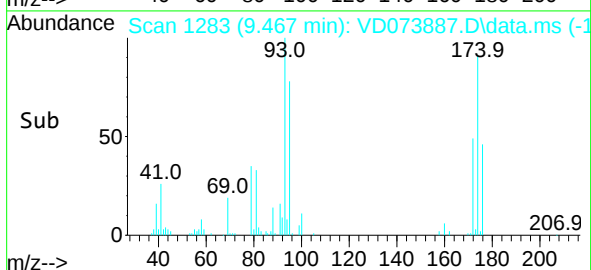
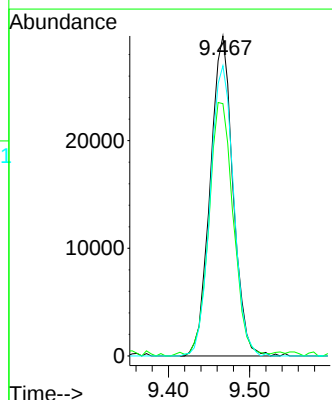
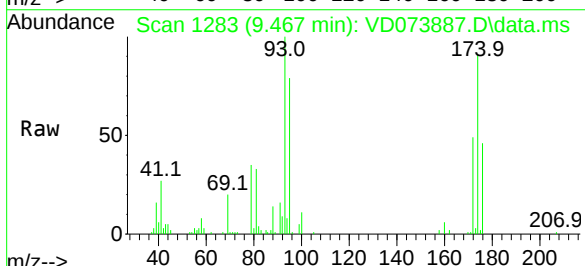
Tgt Ion: 93 Resp: 57931

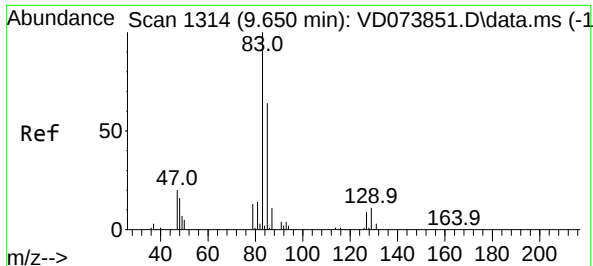
Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 93.2 71.6 107.4





#47

Bromodichloromethane

Concen: 52.006 ug/l

RT: 9.649 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

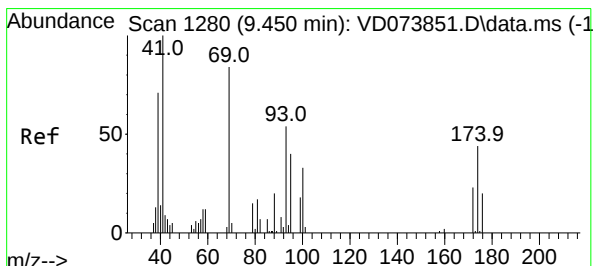
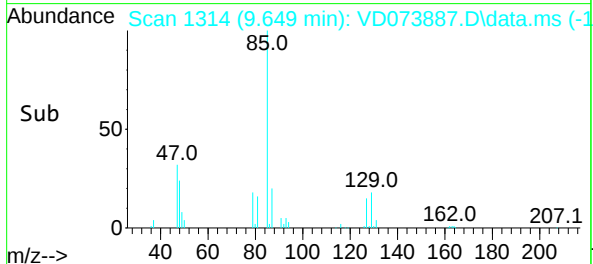
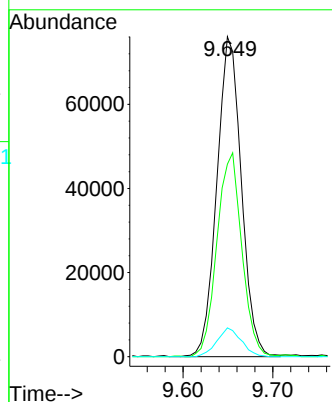
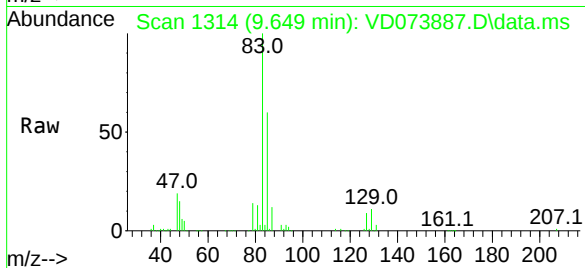
Tgt Ion: 83 Resp: 144441

Ion Ratio Lower Upper

83 100

85 59.9 51.4 77.0

127 9.0 6.1 9.1



#48

Methyl methacrylate

Concen: 54.980 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

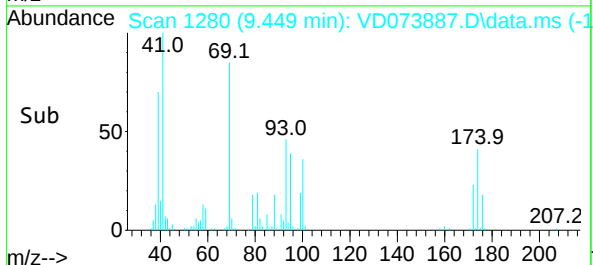
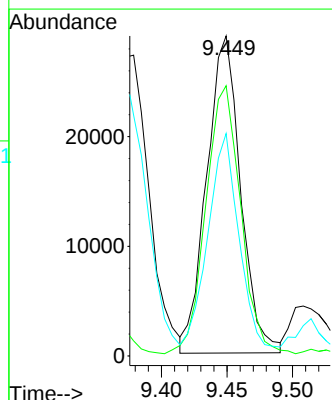
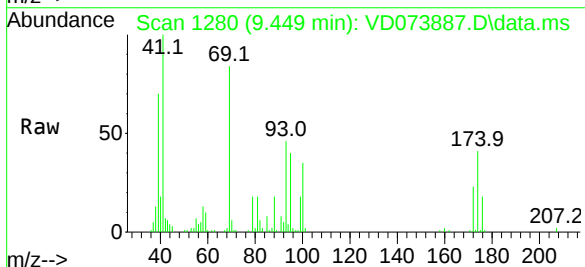
Tgt Ion: 41 Resp: 52091

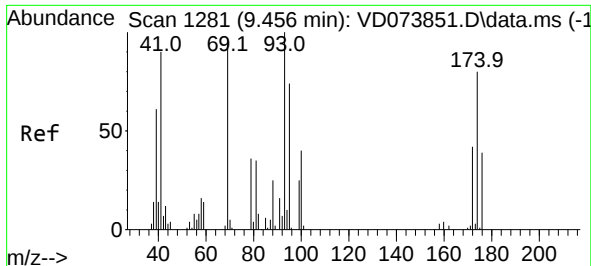
Ion Ratio Lower Upper

41 100

69 87.0 56.7 85.1#

39 60.9 42.7 64.1





#49

1,4-Dioxane

Concen: 1105.662 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

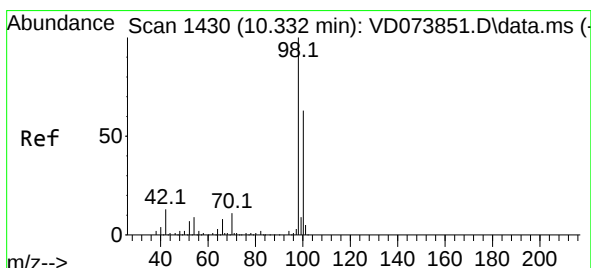
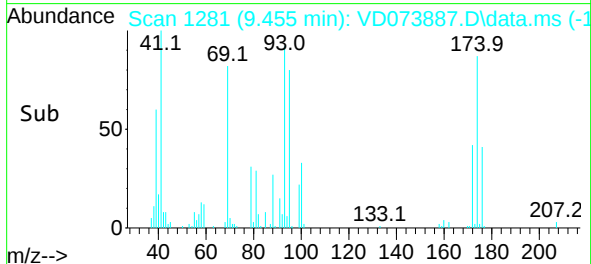
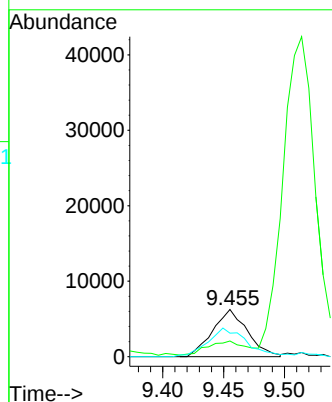
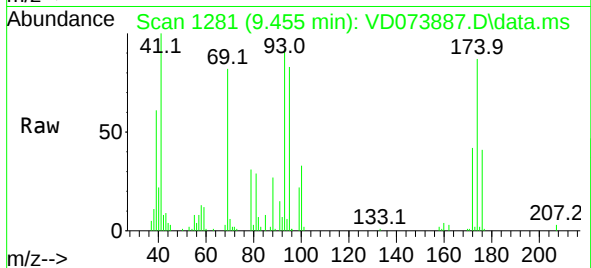
Tgt Ion: 88 Resp: 12410

Ion Ratio Lower Upper

88 100

43 31.0 31.0 46.4

58 68.6 58.1 87.1



#50

Toluene-d8

Concen: 53.858 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073887.D

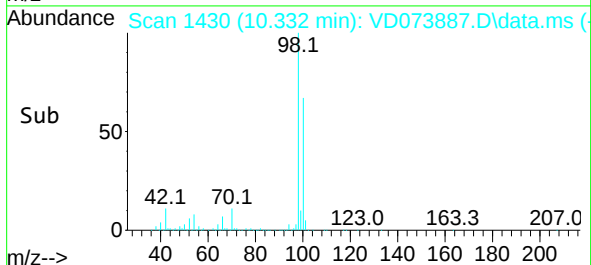
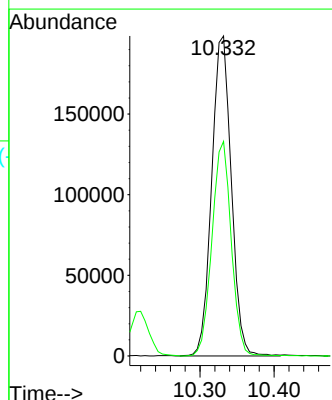
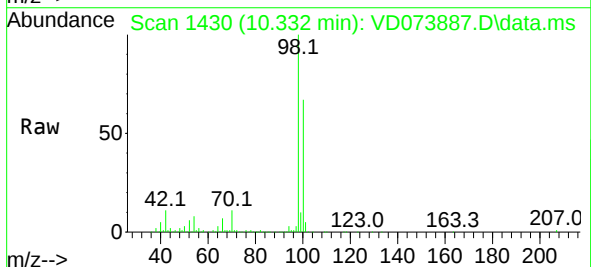
Acq: 20 Jul 2022 19:07

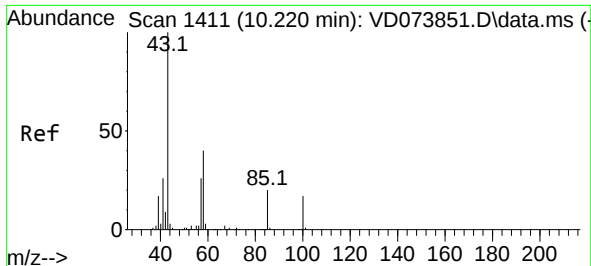
Tgt Ion: 98 Resp: 364473

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

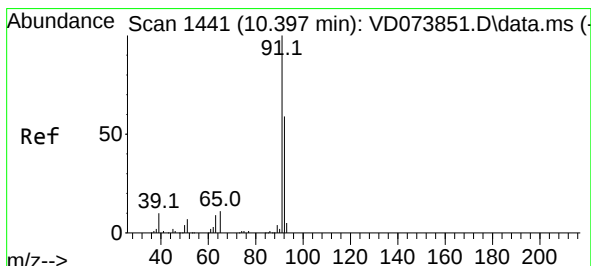
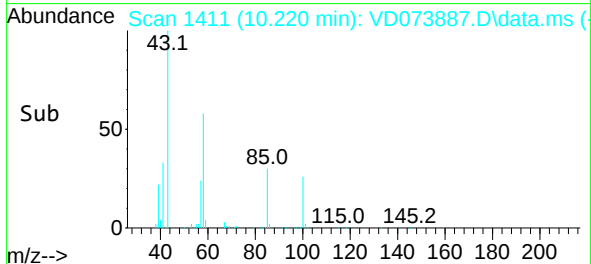
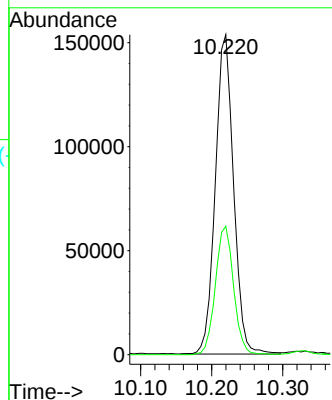
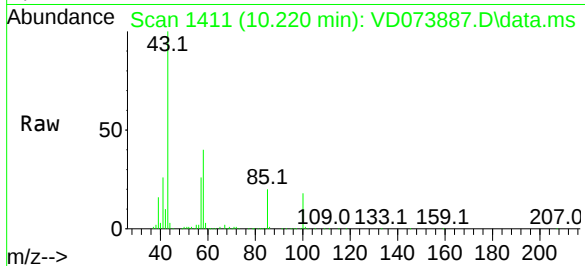




#51
4-Methyl-2-Pentanone
Concen: 282.690 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

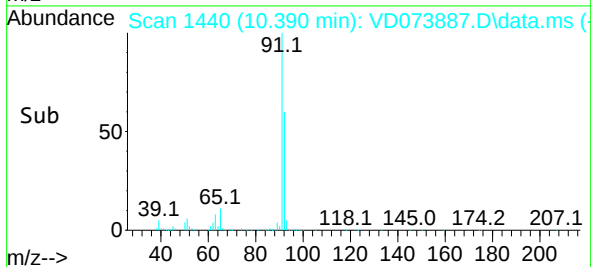
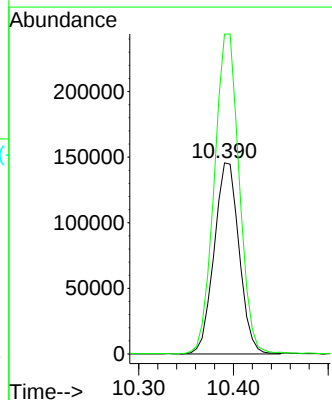
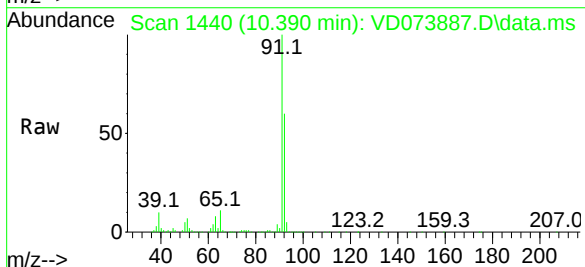
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

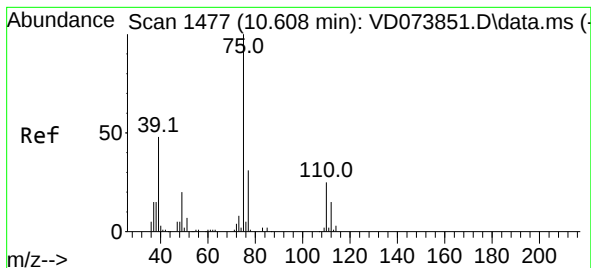
Tgt Ion: 43 Resp: 273104
Ion Ratio Lower Upper
43 100
58 40.2 28.6 43.0



#52
Toluene
Concen: 54.085 ug/l
RT: 10.390 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 92 Resp: 266327
Ion Ratio Lower Upper
92 100
91 167.7 139.6 209.4

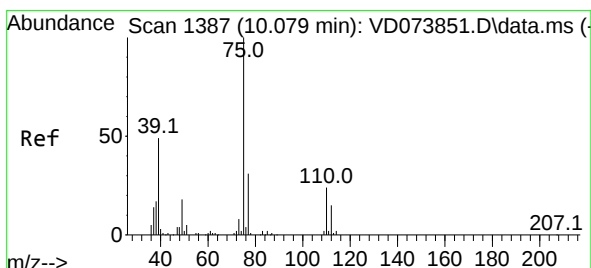
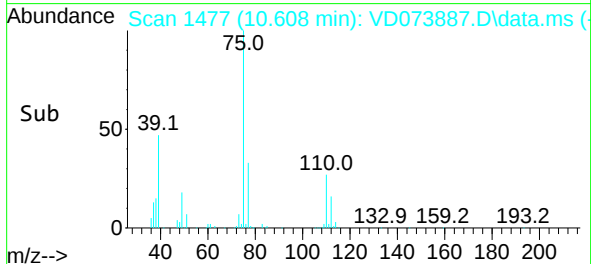
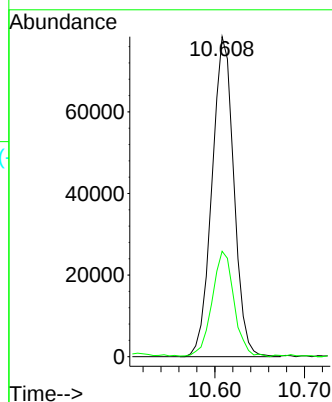
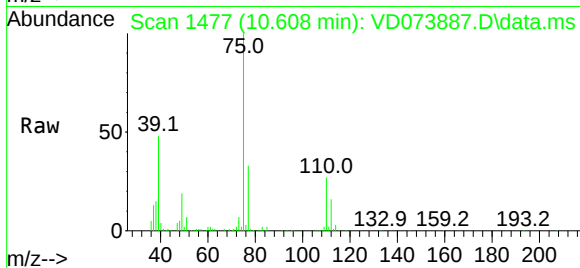




#53
t-1,3-Dichloropropene
Concen: 54.130 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

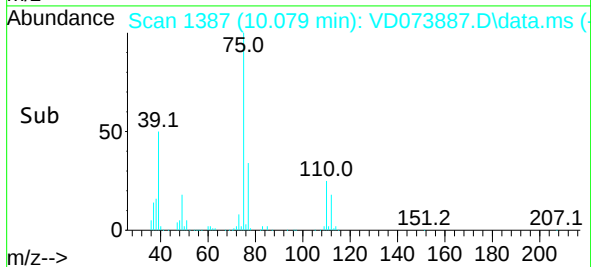
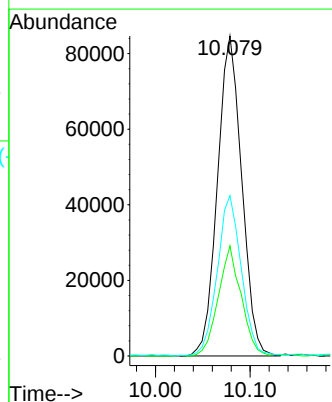
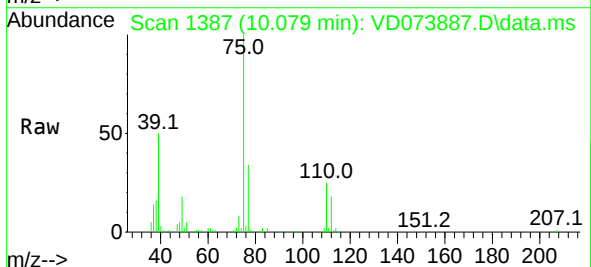
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

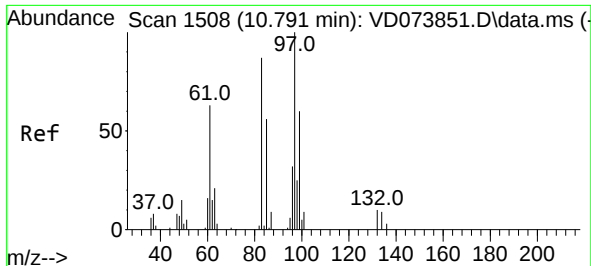
Tgt Ion: 75 Resp: 132722
Ion Ratio Lower Upper
75 100
77 32.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.260 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 75 Resp: 151105
Ion Ratio Lower Upper
75 100
77 34.2 24.8 37.2
39 49.9 46.8 70.2

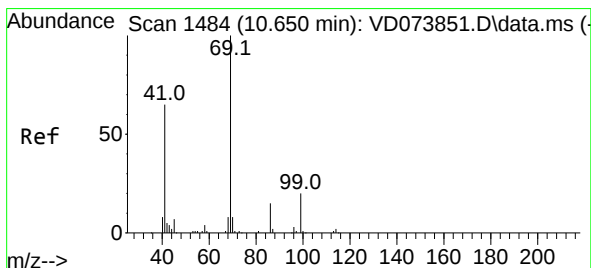
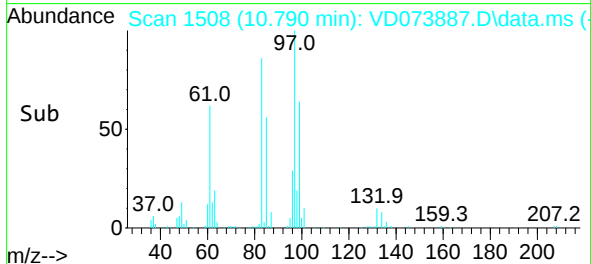
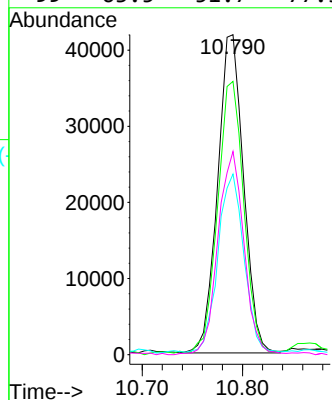
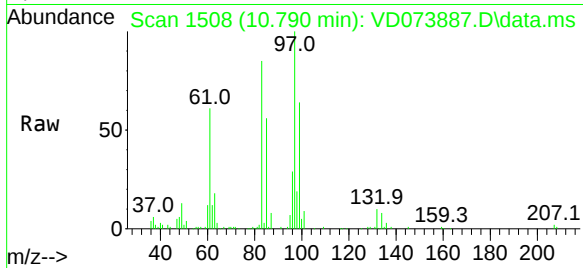




#55
1,1,2-Trichloroethane
Concen: 55.013 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

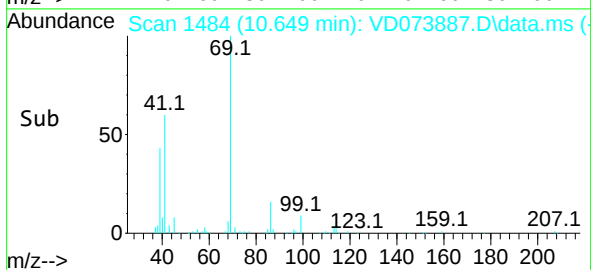
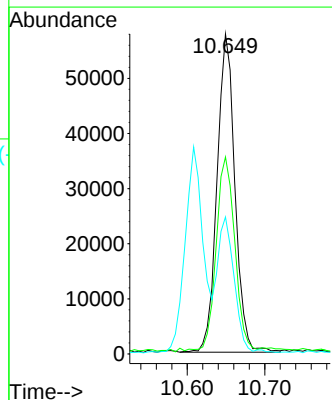
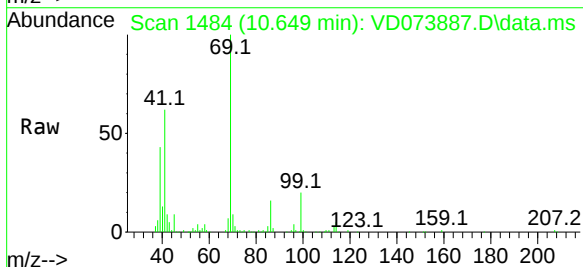
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

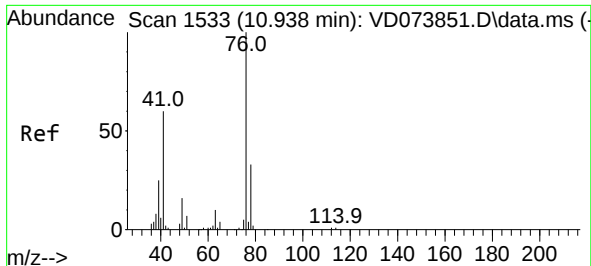
Tgt Ion: 97	Resp: 75066
Ion Ratio	Lower Upper
97 100	
83 85.0	69.0 103.4
85 55.9	42.6 63.8
99 63.5	51.7 77.5



#56
Ethyl methacrylate
Concen: 58.699 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 69	Resp: 92728
Ion Ratio	Lower Upper
69 100	
41 61.7	63.0 94.6#
39 39.4	33.8 50.8

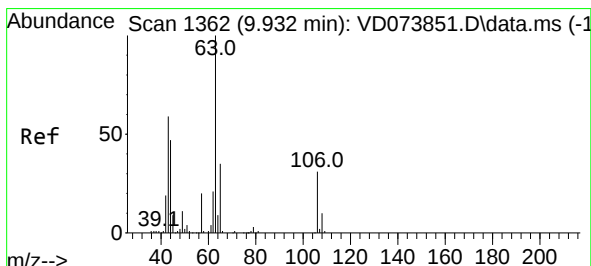
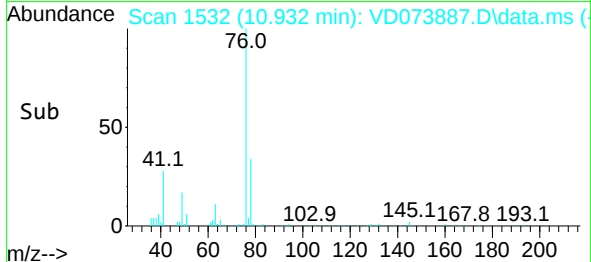
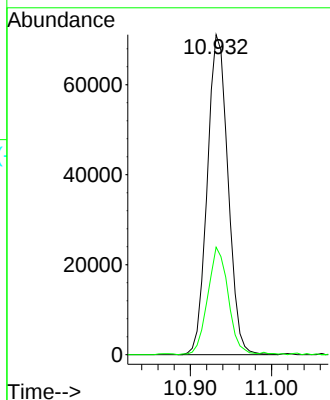
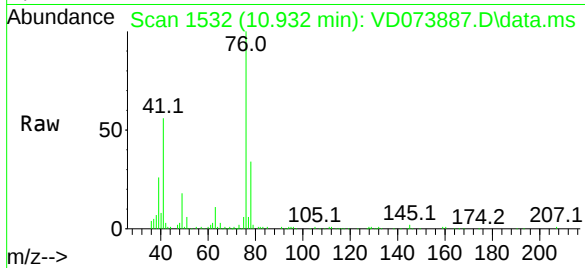




#57
1,3-Dichloropropane
Concen: 54.316 ug/l
RT: 10.932 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

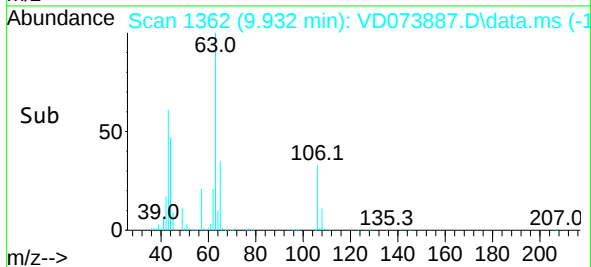
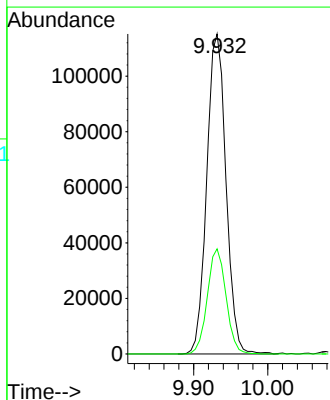
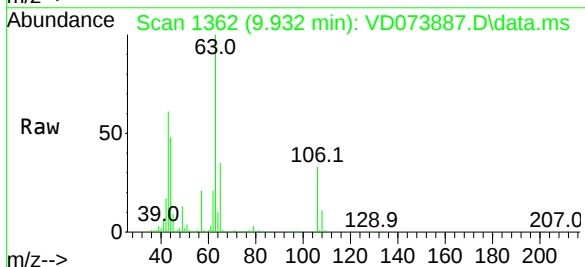
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

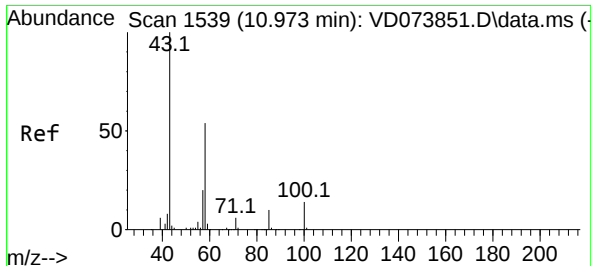
Tgt Ion: 76 Resp: 126046
Ion Ratio Lower Upper
76 100
78 33.4 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 245.652 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 63 Resp: 207506
Ion Ratio Lower Upper
63 100
106 31.9 21.4 32.0

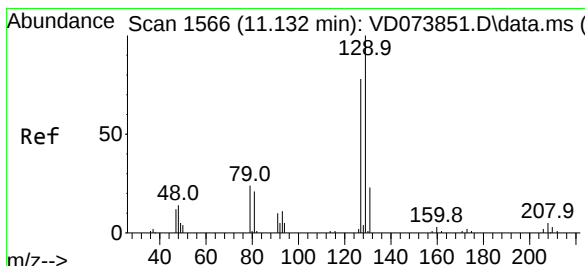
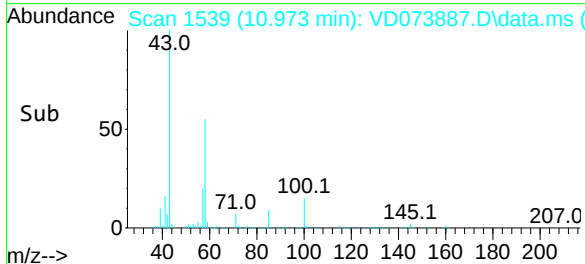
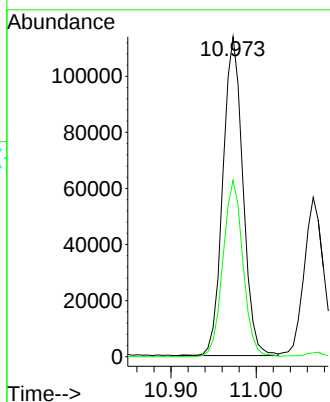
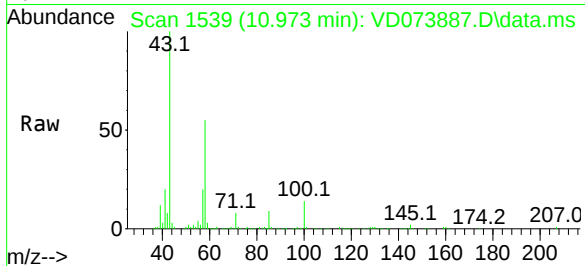




#59
2-Hexanone
Concen: 281.933 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

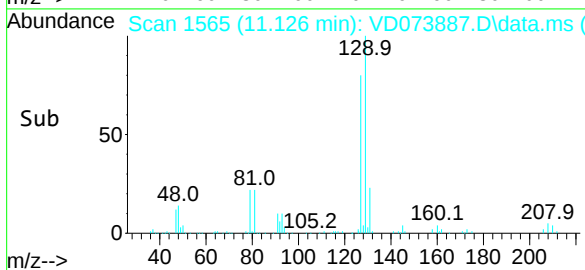
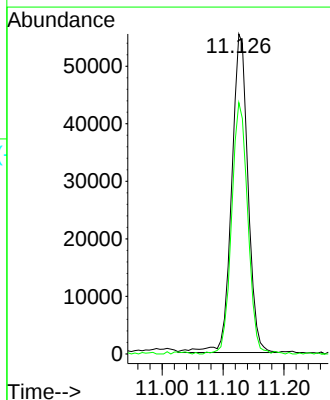
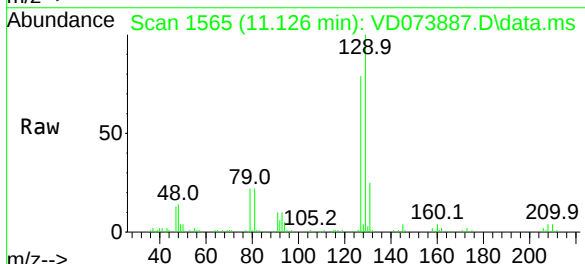
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

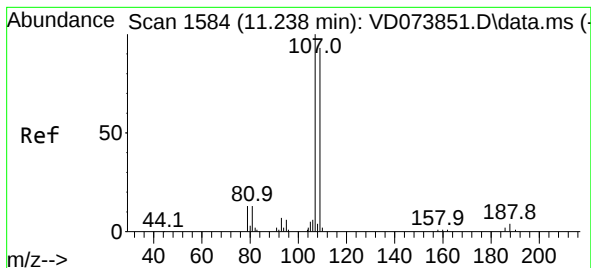
Tgt Ion: 43 Resp: 186112
Ion Ratio Lower Upper
43 100
58 55.3 25.3 75.9



#60
Dibromochloromethane
Concen: 55.981 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 129 Resp: 103479
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6

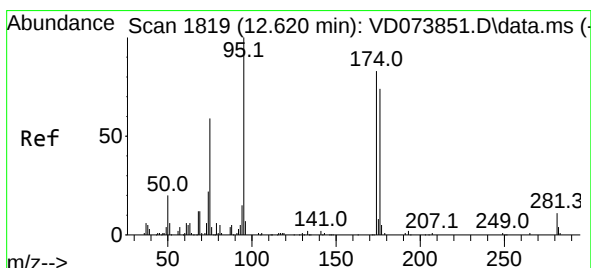
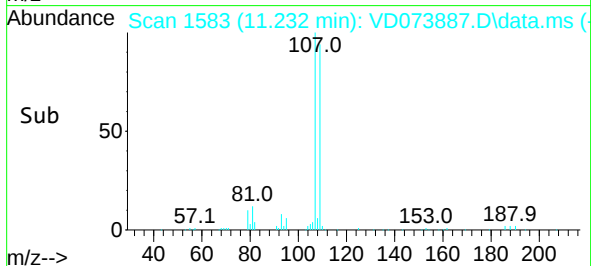
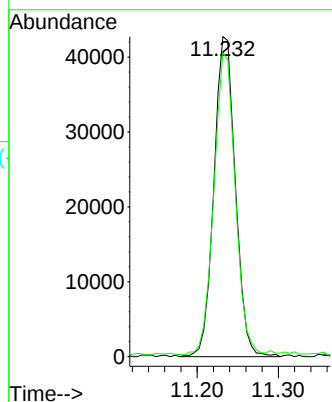
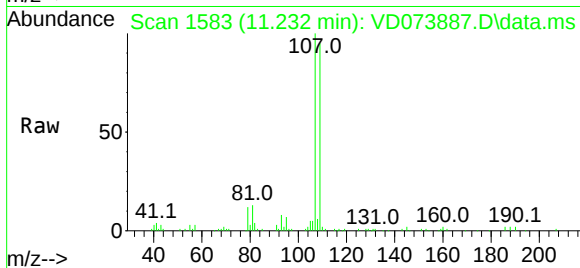




#61
1,2-Dibromoethane
Concen: 56.725 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

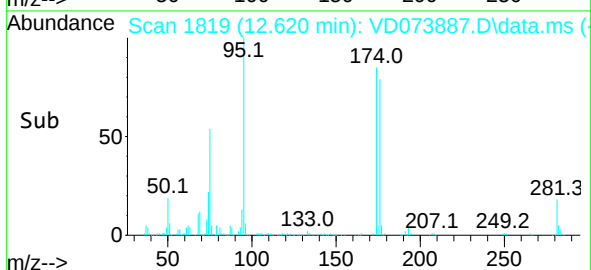
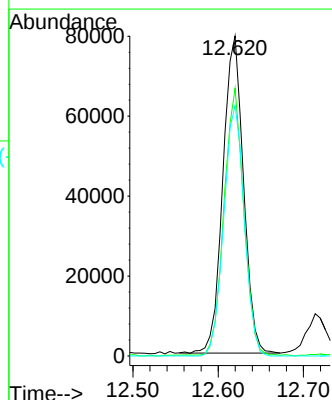
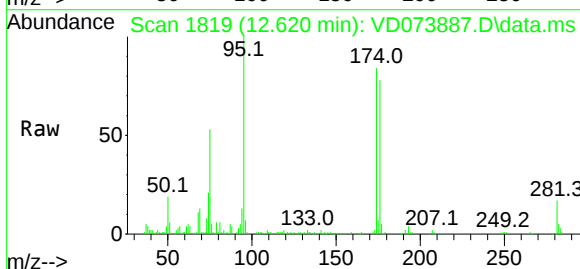
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

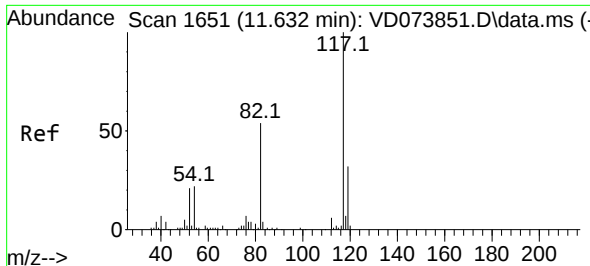
Tgt Ion:107 Resp: 78313
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 57.102 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 95 Resp: 132862
Ion Ratio Lower Upper
95 100
174 81.9 0.0 152.8
176 78.8 0.0 145.4

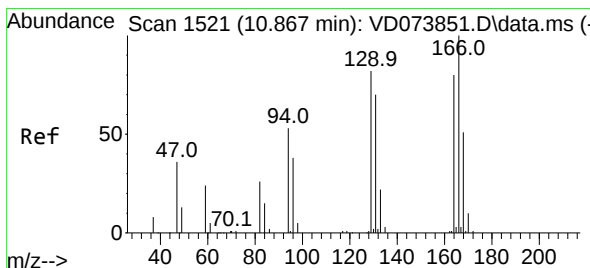
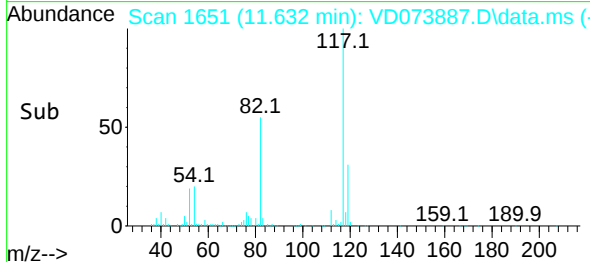
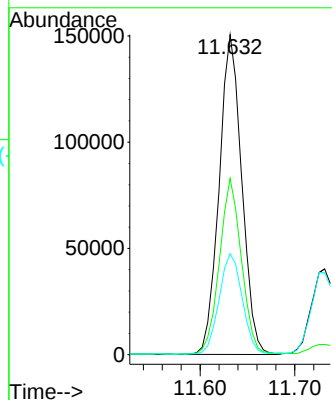
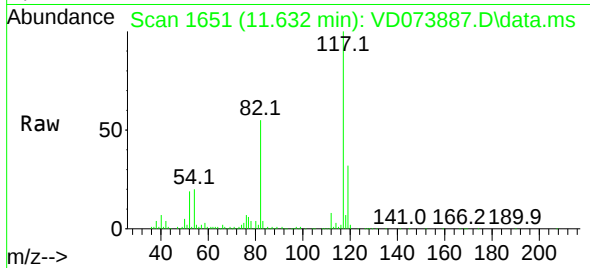




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

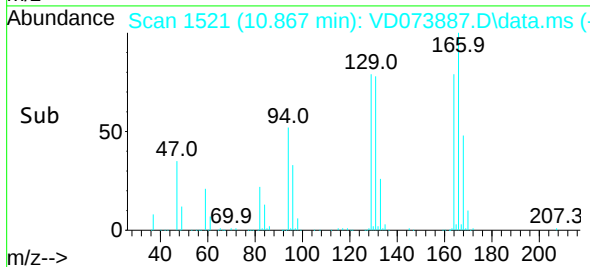
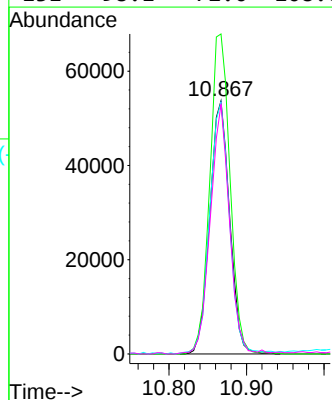
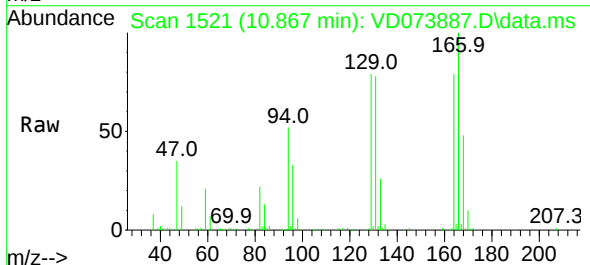
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

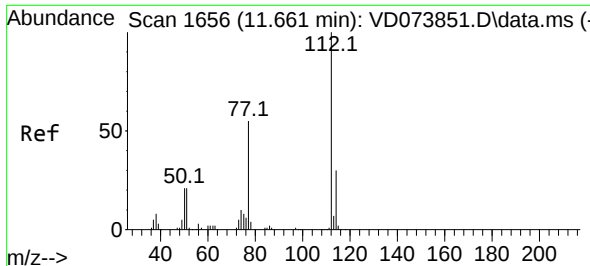
Tgt Ion:117 Resp: 249540
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.3 26.6 40.0



#64
Tetrachloroethene
Concen: 57.611 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion:164 Resp: 95881
Ion Ratio Lower Upper
164 100
166 126.4 98.5 147.7
129 99.3 74.6 111.8
131 98.1 72.0 108.0

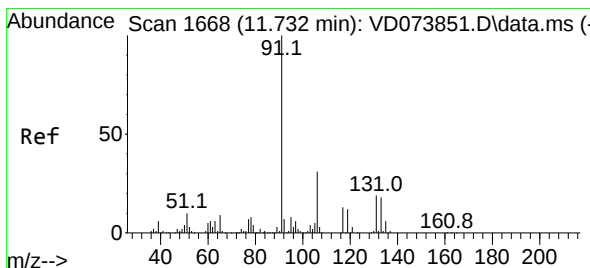
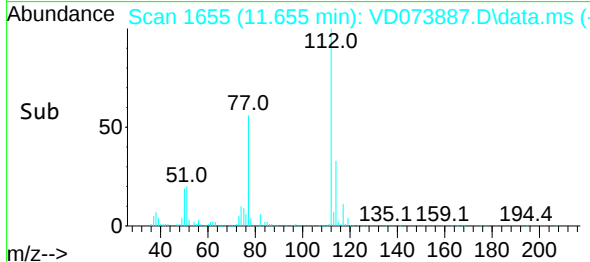
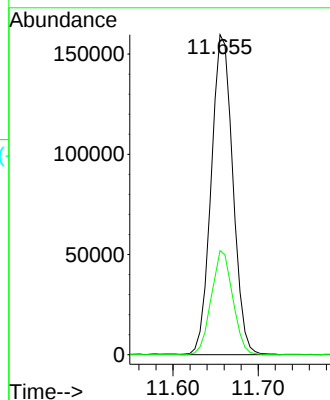
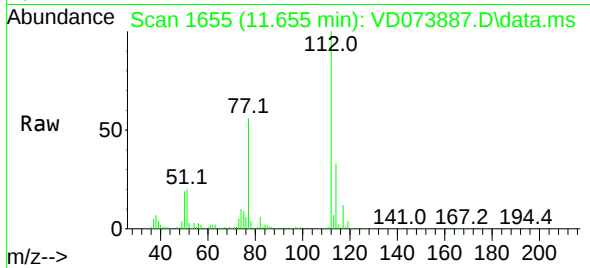




#65
Chlorobenzene
Concen: 54.914 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

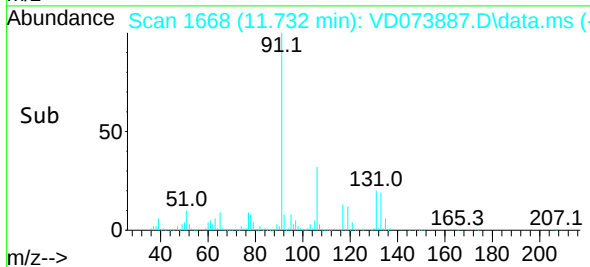
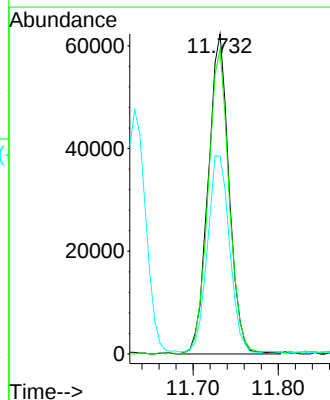
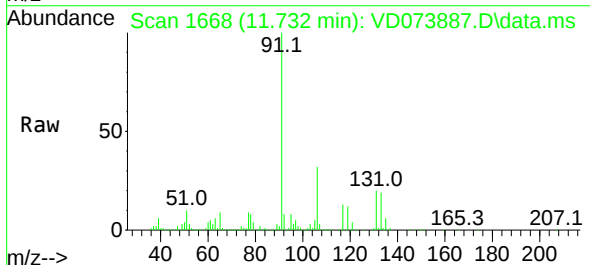
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

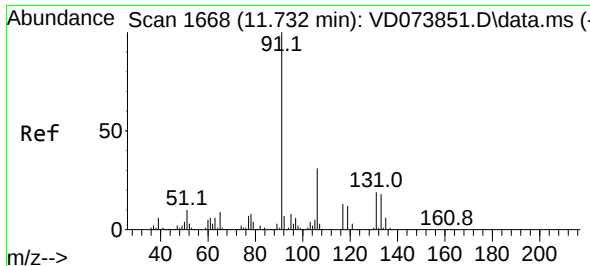
Tgt Ion:112 Resp: 282228
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.423 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion:131 Resp: 106297
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 65.2 31.9 95.9

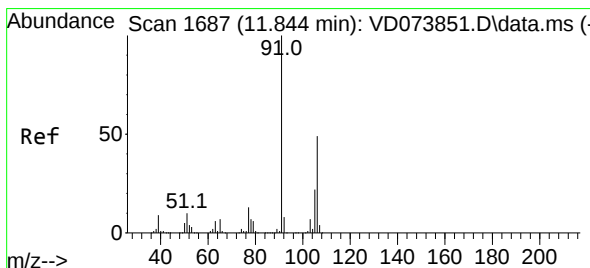
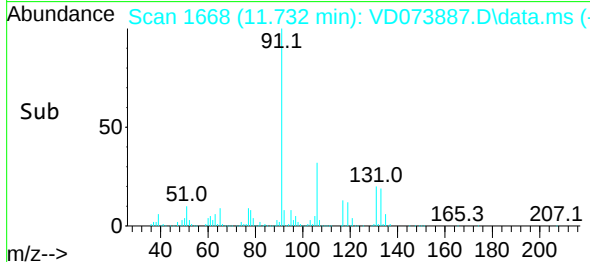
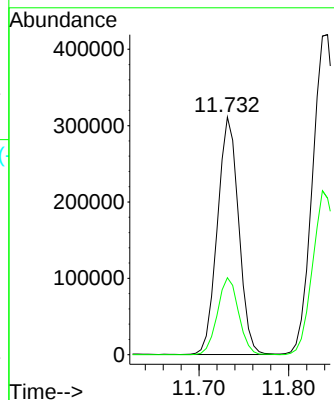
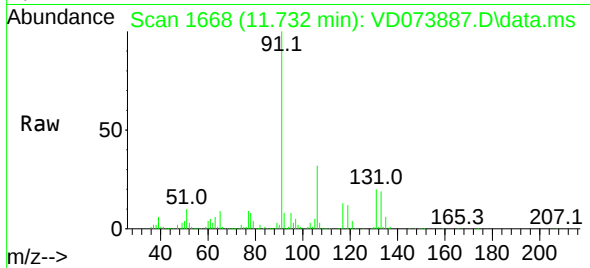




#67
Ethyl Benzene
Concen: 53.834 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

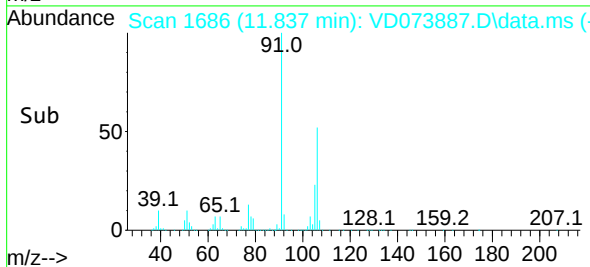
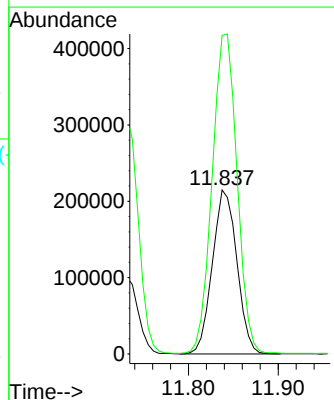
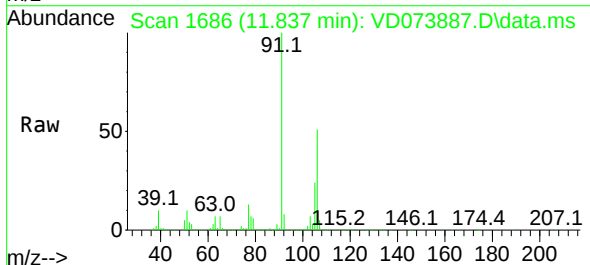
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

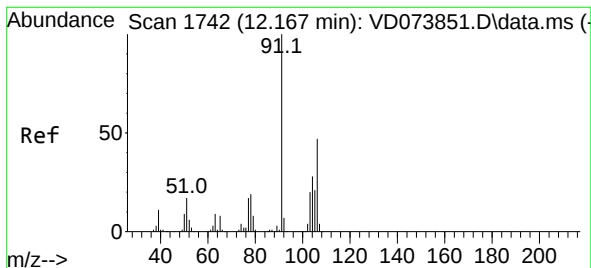
Tgt Ion: 91 Resp: 510840
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.4



#68
m/p-Xylenes
Concen: 109.831 ug/l
RT: 11.837 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion:106 Resp: 407360
Ion Ratio Lower Upper
106 100
91 197.9 163.7 245.5





#69

o-Xylene

Concen: 56.240 ug/l

RT: 12.167 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

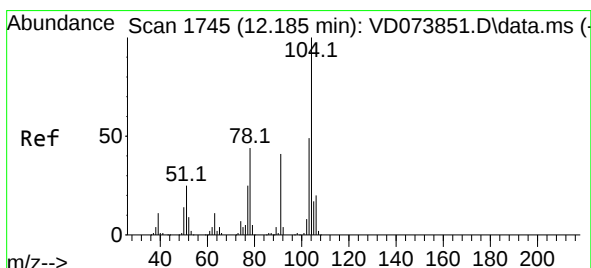
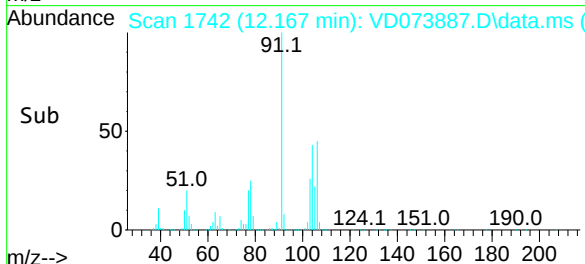
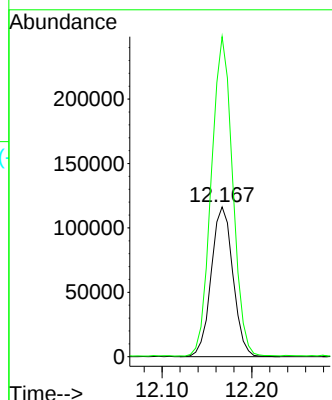
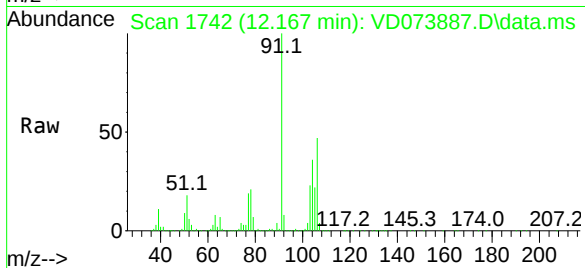
VSTDCCC050EC

Tgt Ion:106 Resp: 195290

Ion Ratio Lower Upper

106 100

91 209.2 110.4 331.2



#70

Styrene

Concen: 55.443 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

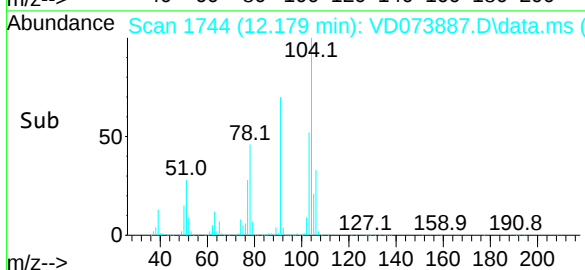
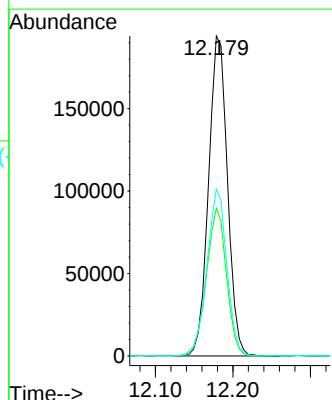
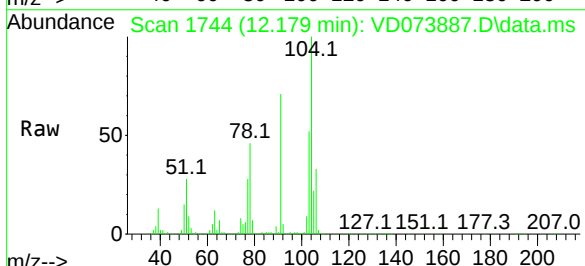
Tgt Ion:104 Resp: 329139

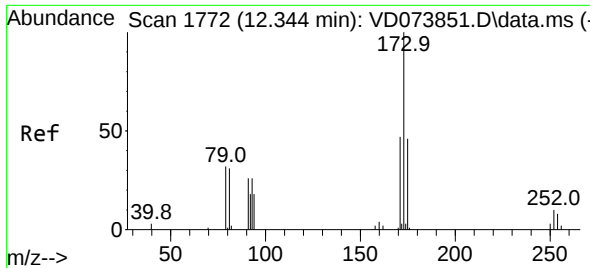
Ion Ratio Lower Upper

104 100

78 49.0 41.8 62.8

103 54.8 44.2 66.4

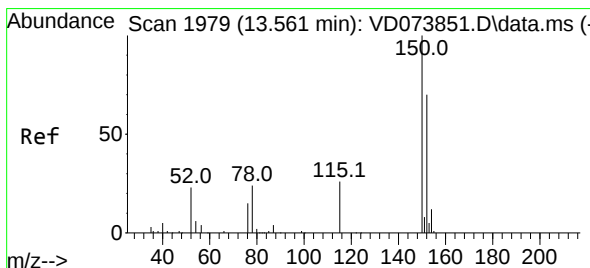
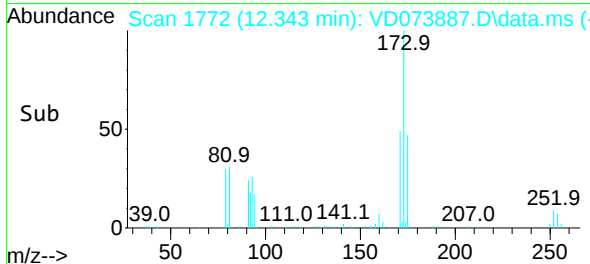
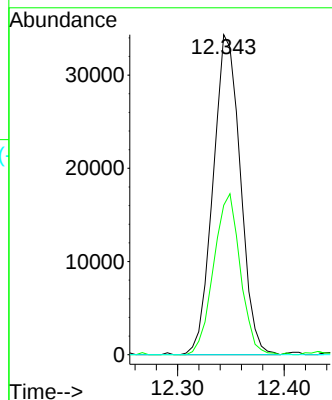
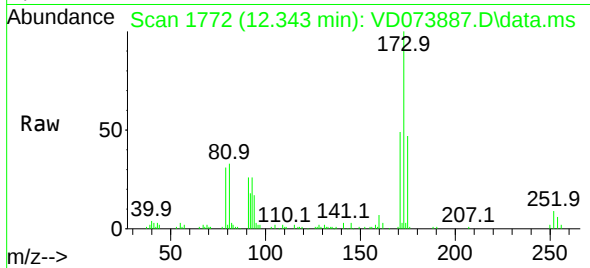




#71
Bromoform
Concen: 57.733 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

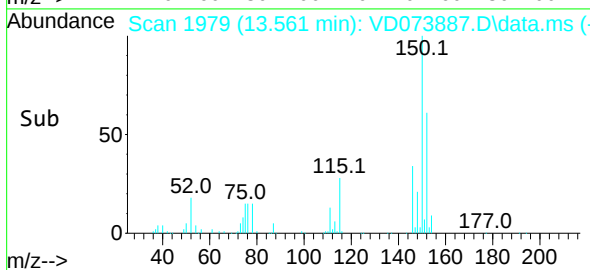
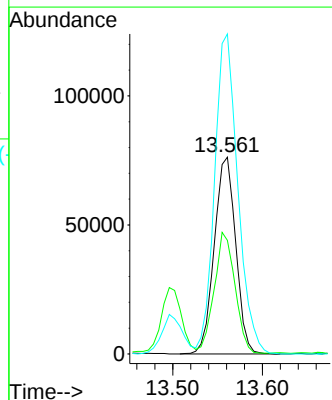
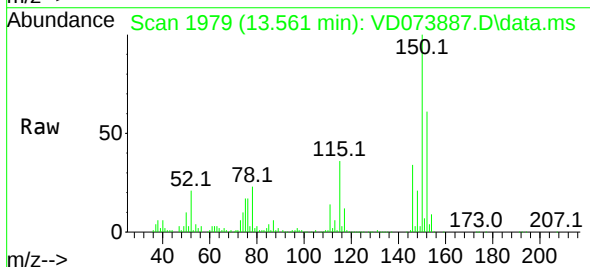
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

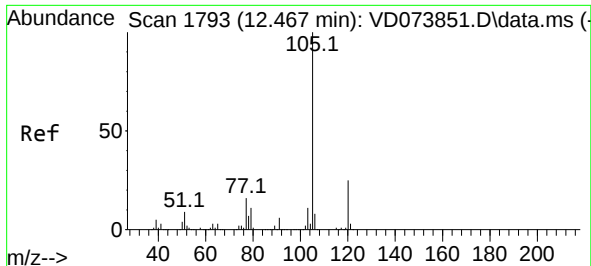
Tgt Ion:173 Resp: 61016
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion:152 Resp: 126775
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 175.8 0.0 348.6

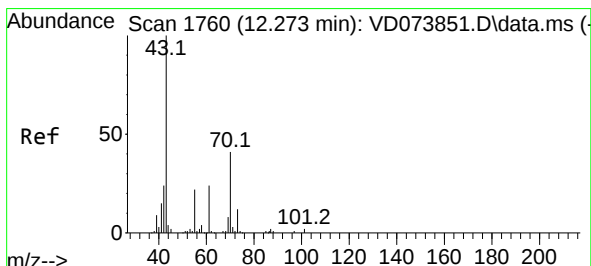
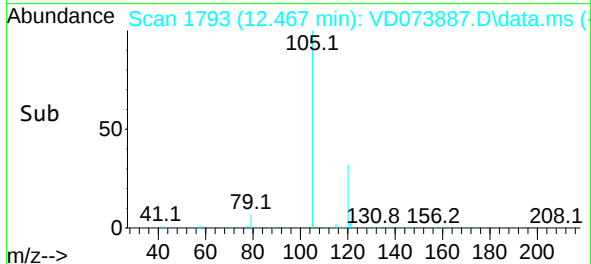
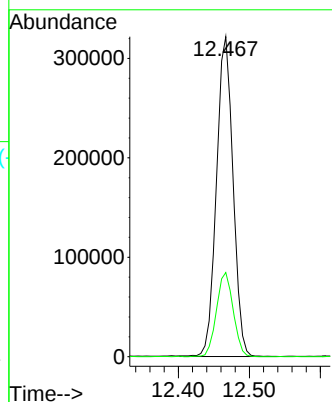
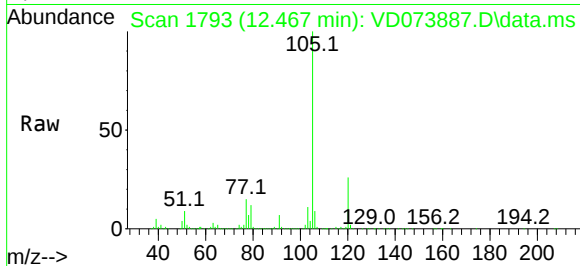




#73
Isopropylbenzene
Concen: 54.069 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

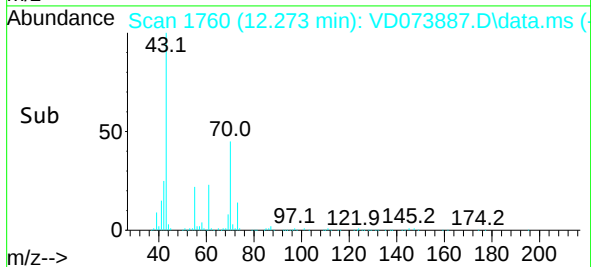
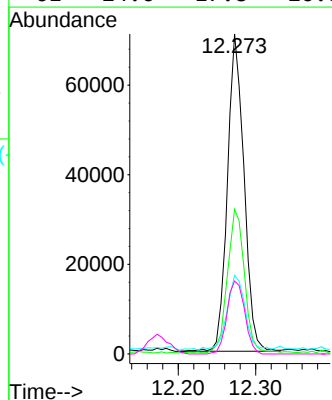
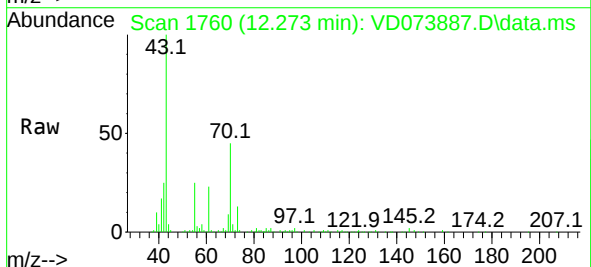
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

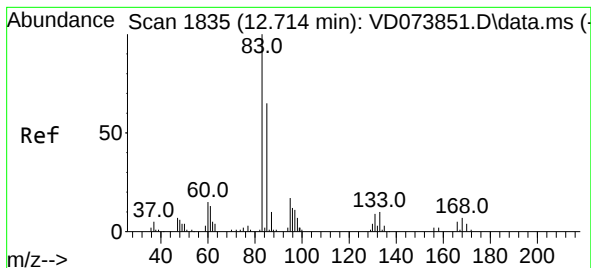
Tgt Ion:105 Resp: 519173
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 55.486 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 43 Resp: 105092
Ion Ratio Lower Upper
43 100
70 46.8 31.3 46.9
55 26.1 20.0 30.0
61 24.6 17.8 26.8

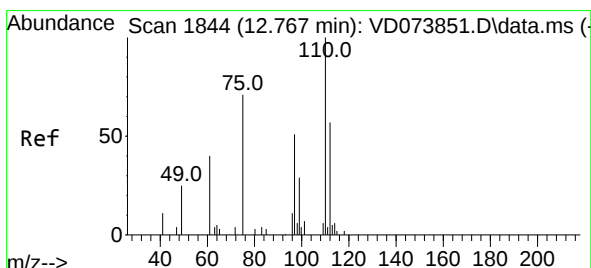
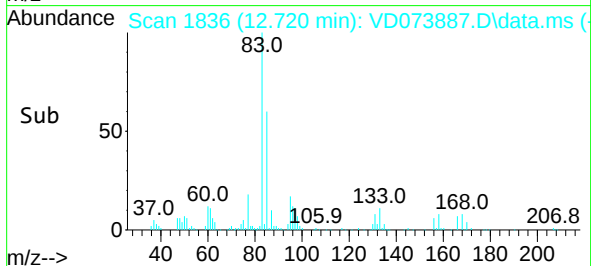
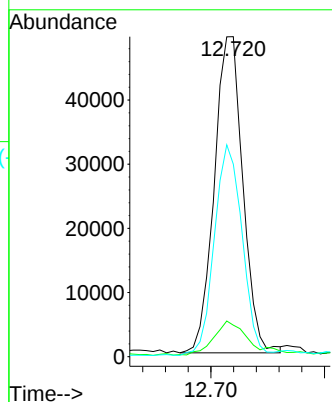
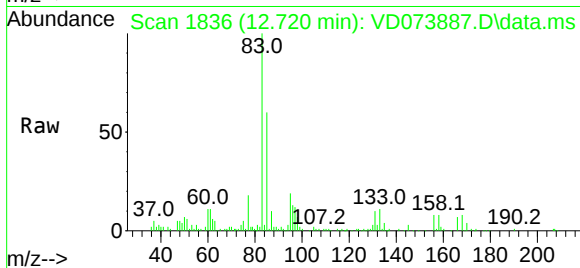




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.006 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

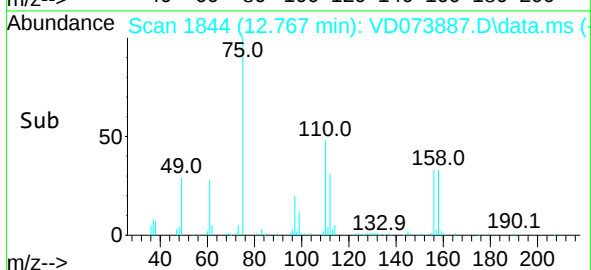
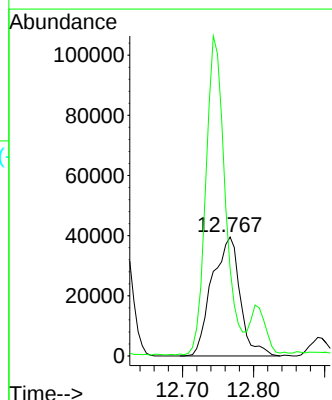
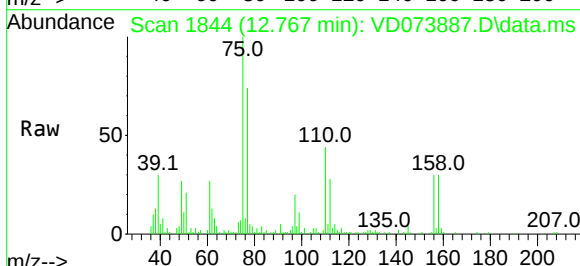
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

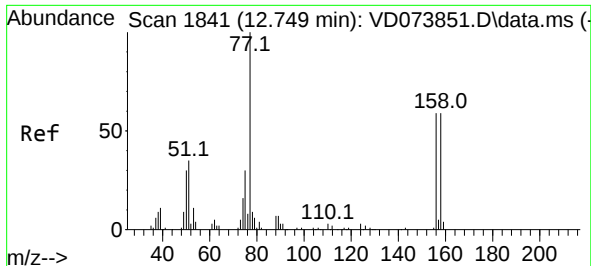
Tgt Ion: 83 Resp: 86310
 Ion Ratio Lower Upper
 83 100
 131 13.7 5.0 14.9
 85 64.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 79.759 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

Tgt Ion: 75 Resp: 108492
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

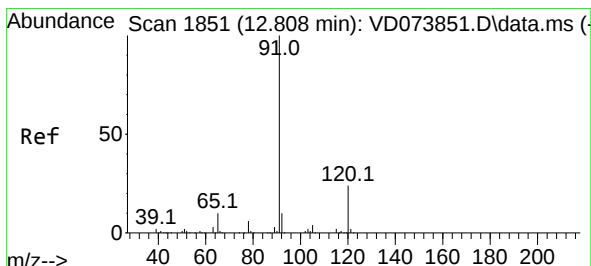
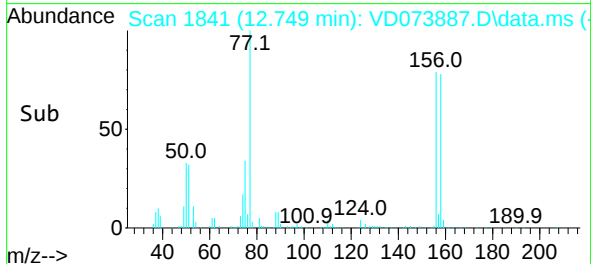
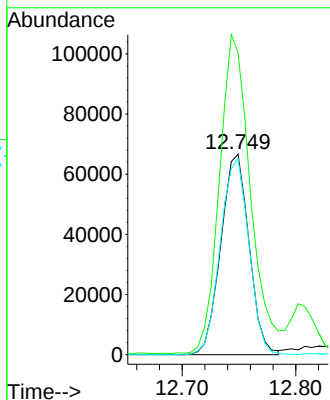
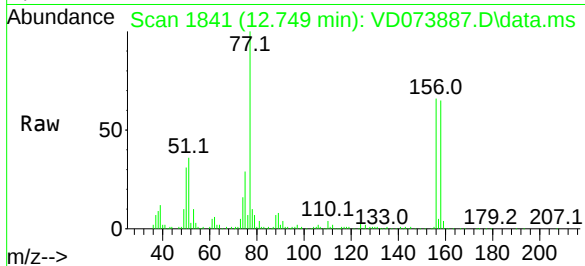




#77
Bromobenzene
Concen: 53.946 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

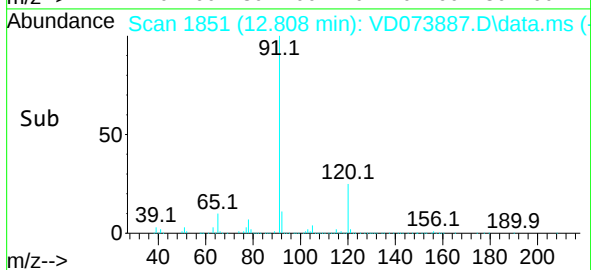
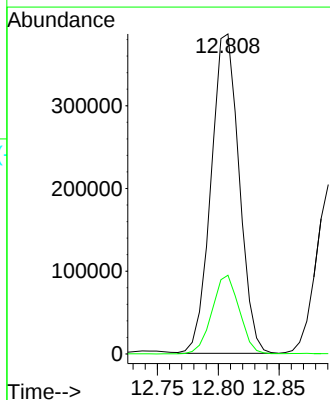
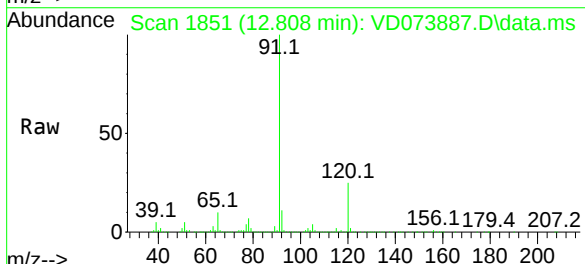
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

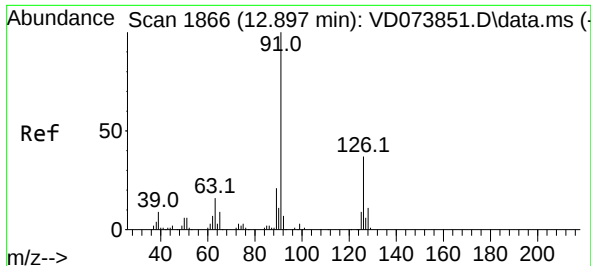
Tgt Ion:156 Resp: 115118
Ion Ratio Lower Upper
156 100
77 173.8 102.8 308.3
158 98.9 48.7 146.1



#78
n-propylbenzene
Concen: 52.959 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 91 Resp: 620343
Ion Ratio Lower Upper
91 100
120 24.0 10.9 32.9

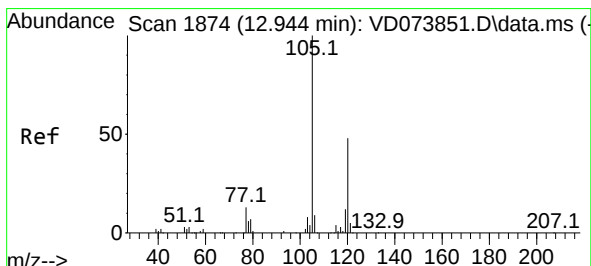
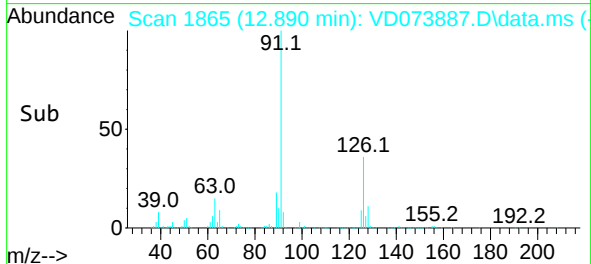
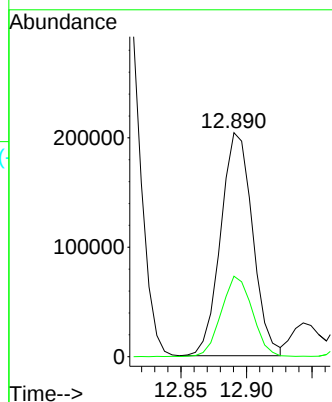
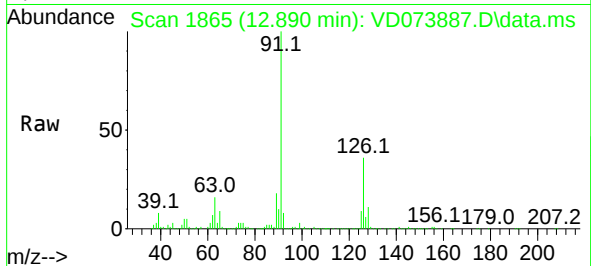




#79
2-Chlorotoluene
Concen: 52.649 ug/l
RT: 12.890 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

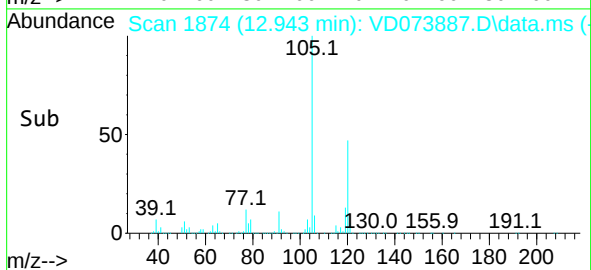
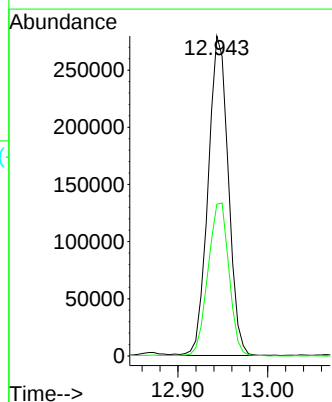
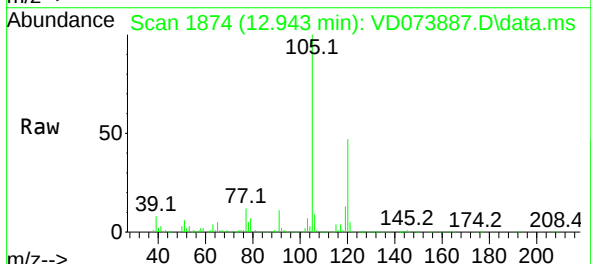
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

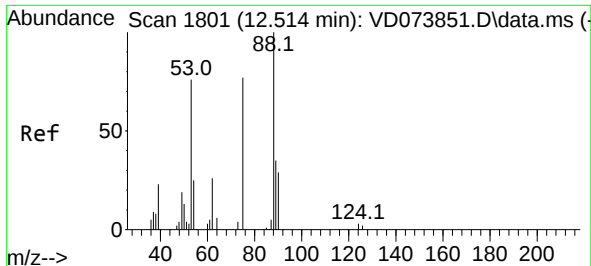
Tgt Ion: 91 Resp: 345967
Ion Ratio Lower Upper
91 100
126 35.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.840 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 105 Resp: 435775
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8

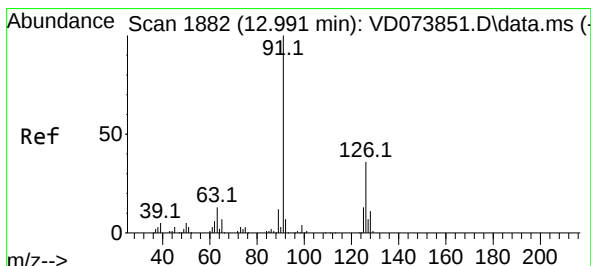
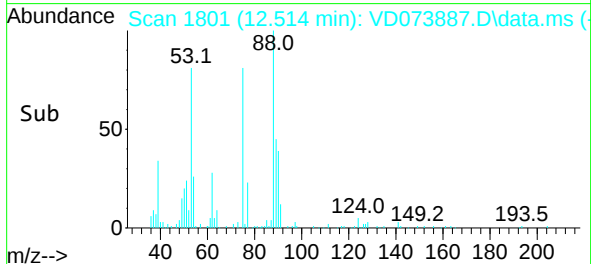
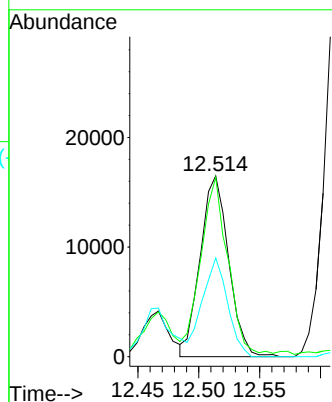
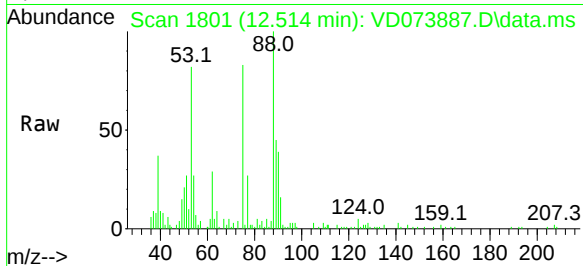




#81
trans-1,4-Dichloro-2-butene
Concen: 52.878 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

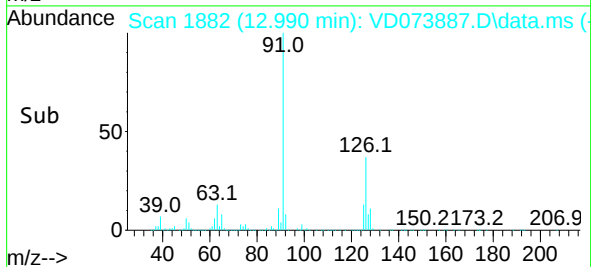
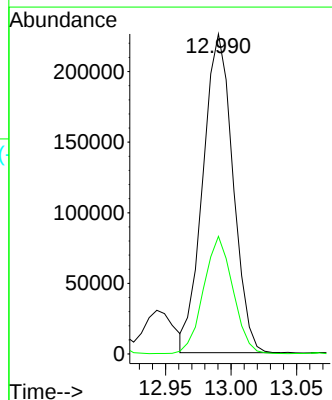
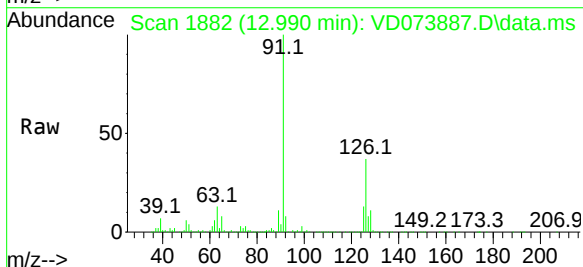
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

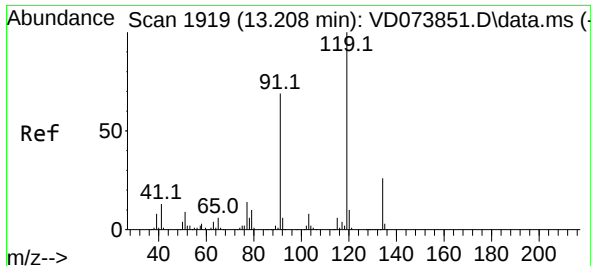
Tgt Ion: 75 Resp: 26655
Ion Ratio Lower Upper
75 100
53 92.0 86.5 129.7
89 48.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.794 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 91 Resp: 359925
Ion Ratio Lower Upper
91 100
126 35.9 16.5 49.5

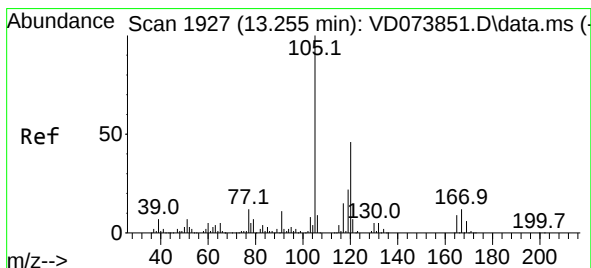
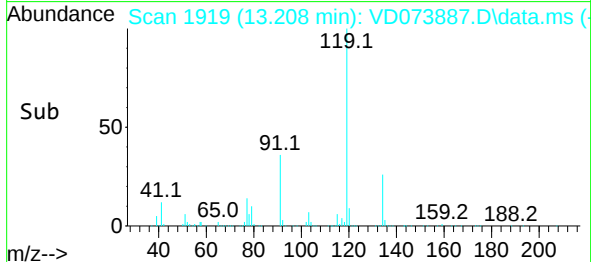
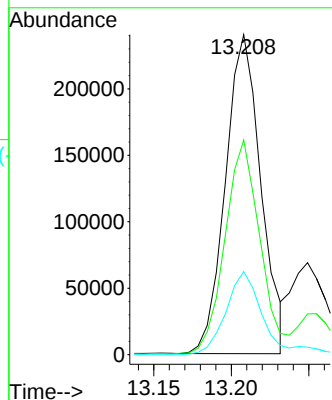
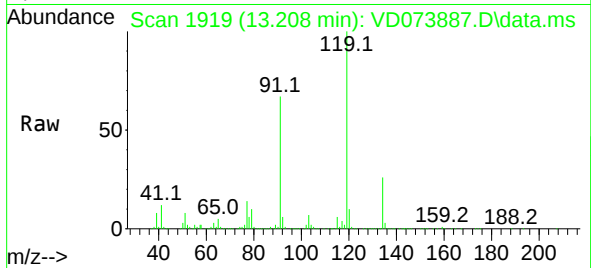




#83
tert-Butylbenzene
Concen: 55.234 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

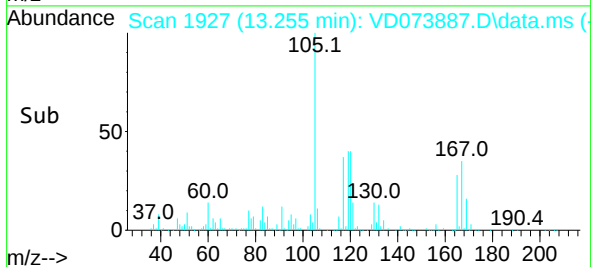
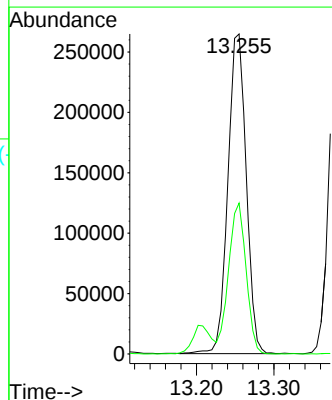
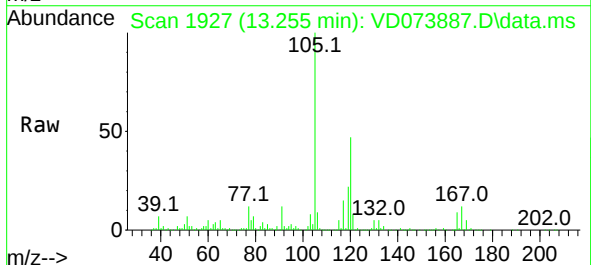
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

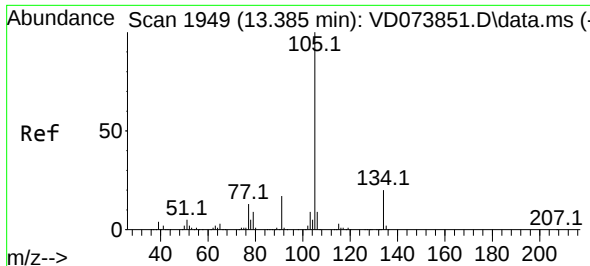
Tgt Ion:119 Resp: 382236
Ion Ratio Lower Upper
119 100
91 66.4 34.8 104.5
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.040 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion:105 Resp: 435665
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

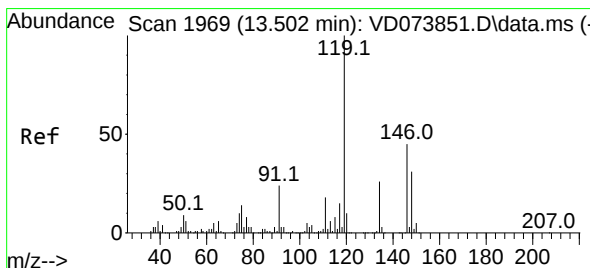
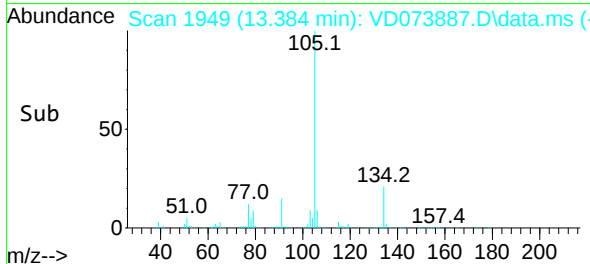
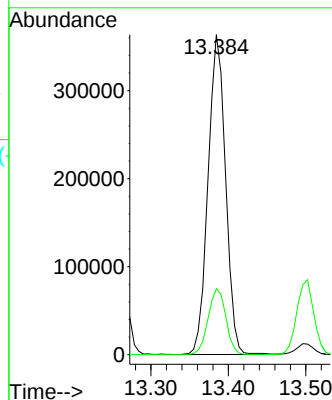
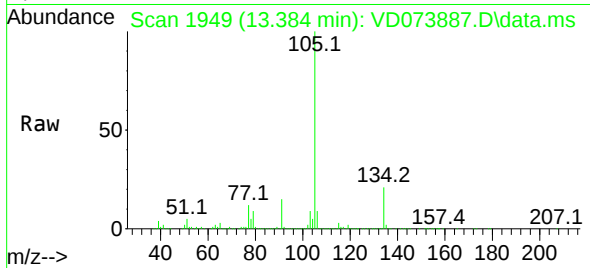




#85
 sec-Butylbenzene
 Concen: 54.779 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

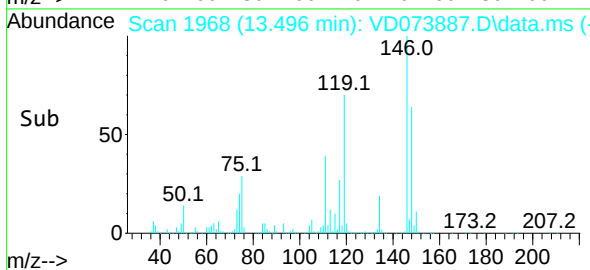
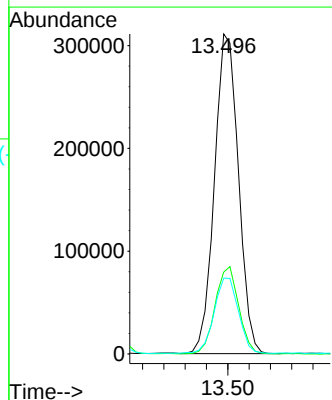
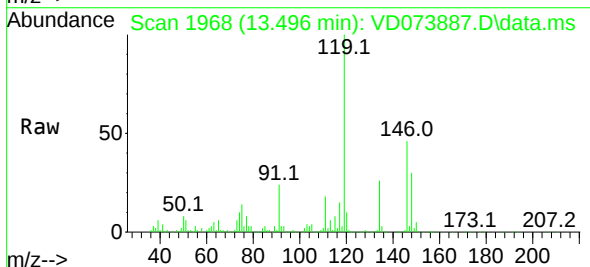
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

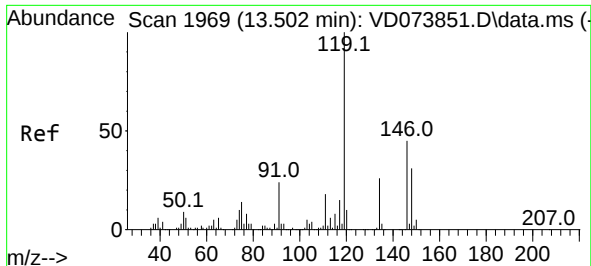
Tgt Ion:105 Resp: 571632
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.300 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

Tgt Ion:119 Resp: 485916
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 23.9 12.1 36.3

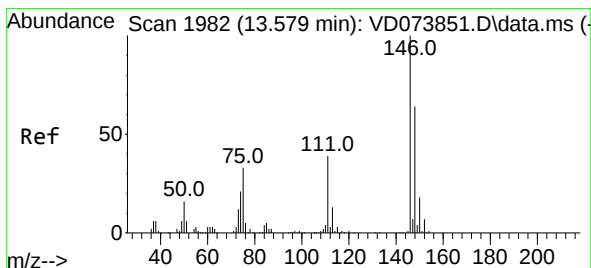
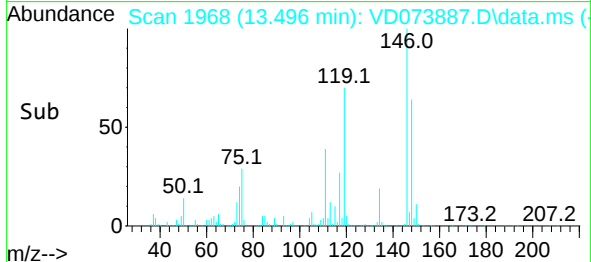
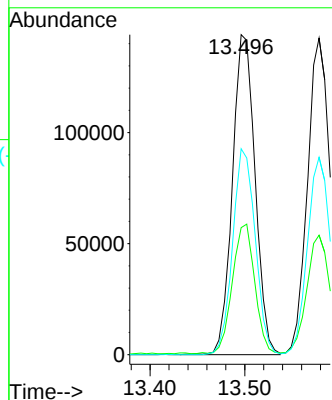
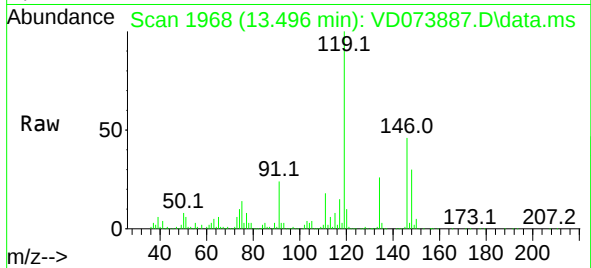




#87
 1,3-Dichlorobenzene
 Concen: 53.535 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

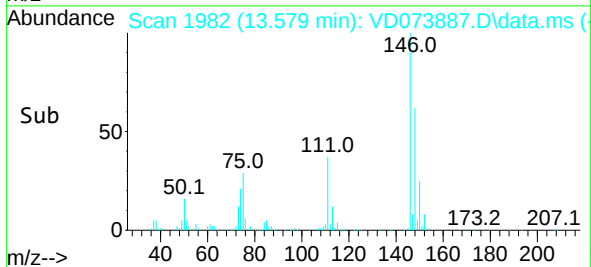
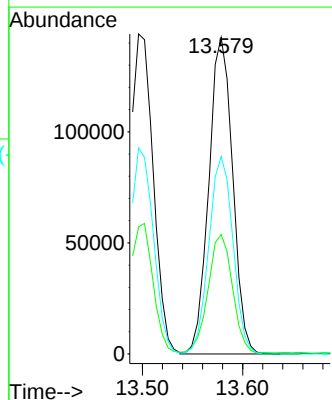
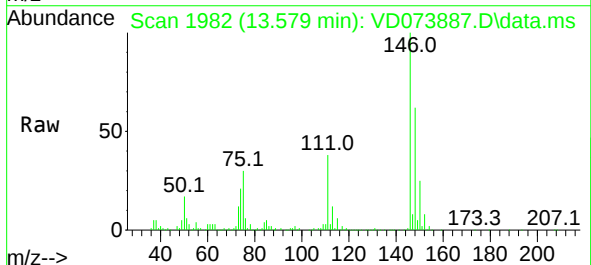
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

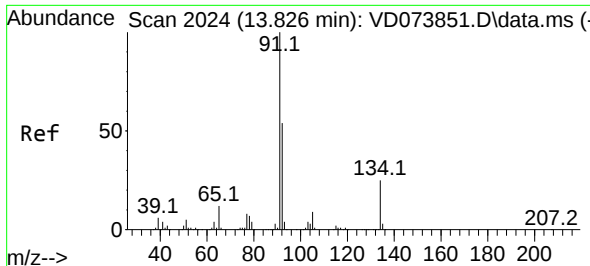
Tgt Ion:146 Resp: 239231
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.4 61.3
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 53.373 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD073887.D
 Acq: 20 Jul 2022 19:07

Tgt Ion:146 Resp: 235762
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.3 60.9
 148 63.2 31.7 95.1

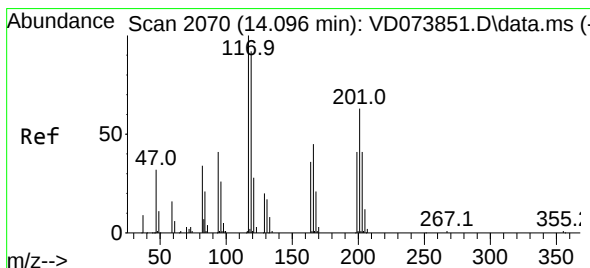
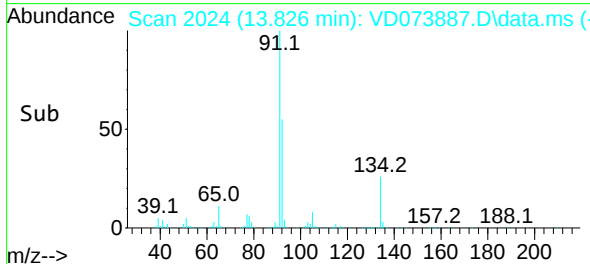
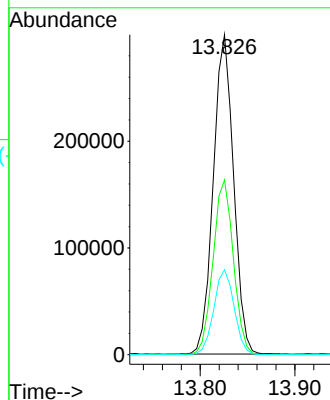
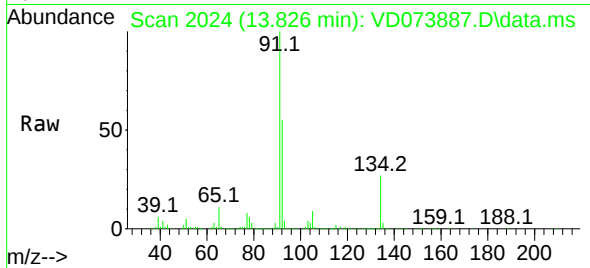




#89
n-Butylbenzene
Concen: 53.329 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

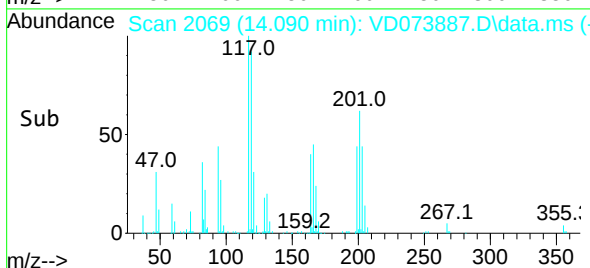
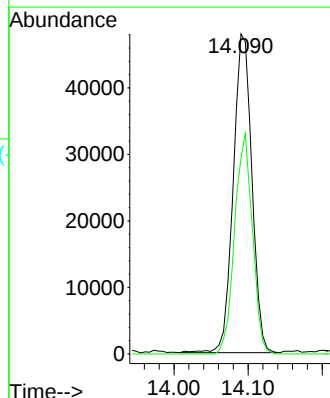
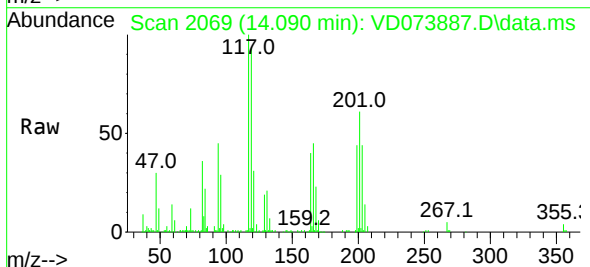
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

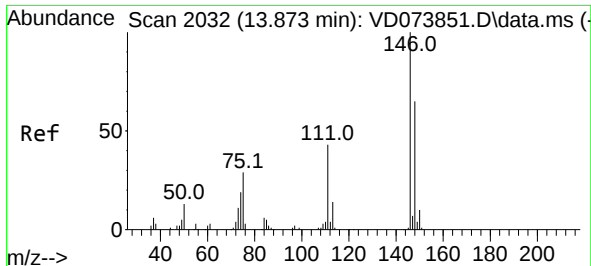
Tgt Ion: 91 Resp: 444906
Ion Ratio Lower Upper
91 100
92 54.9 26.6 79.8
134 26.8 12.3 36.9



#90
Hexachloroethane
Concen: 48.132 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 117 Resp: 83573
Ion Ratio Lower Upper
117 100
201 66.1 33.4 100.2

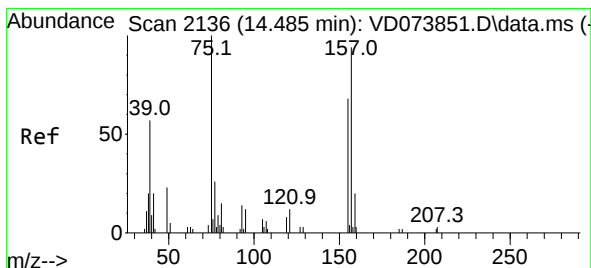
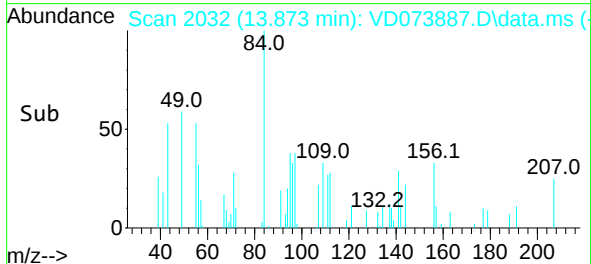
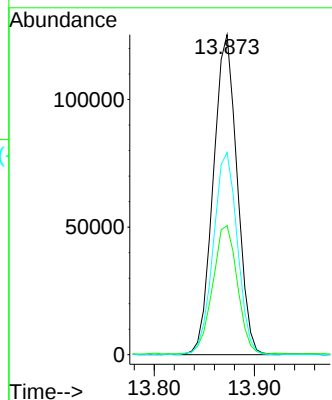
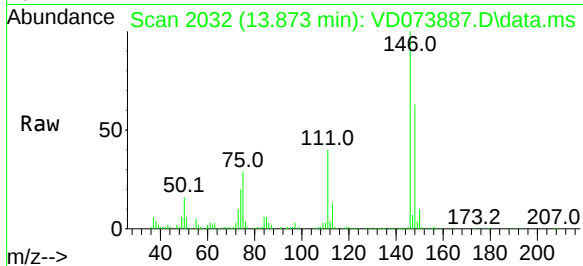




#91
1,2-Dichlorobenzene
Concen: 53.615 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

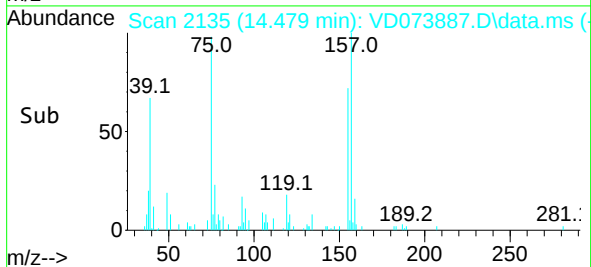
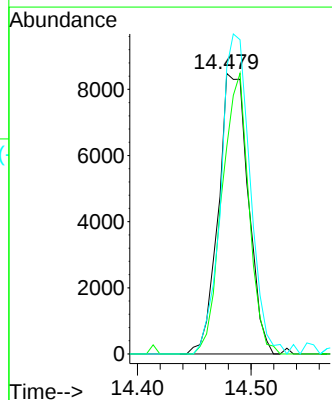
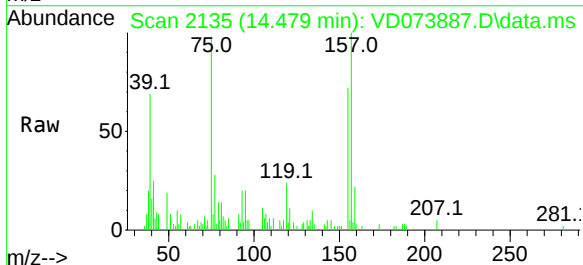
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

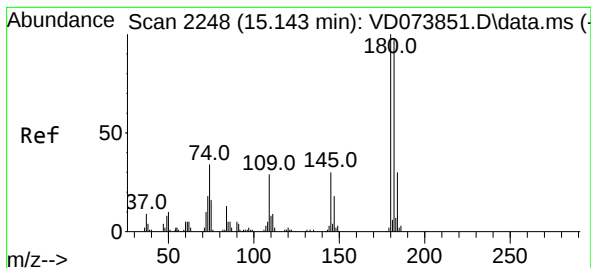
Tgt Ion:146 Resp: 207002
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.3
148 63.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.639 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.006 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion: 75 Resp: 15506
Ion Ratio Lower Upper
75 100
155 89.7 36.8 110.3
157 111.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 55.390 ug/l

RT: 15.137 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

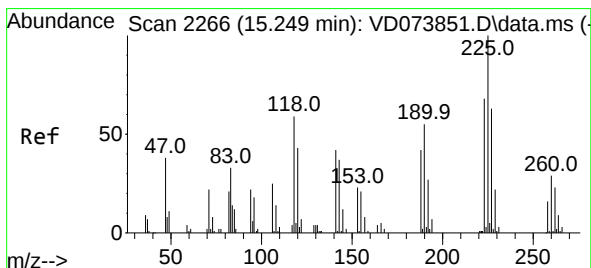
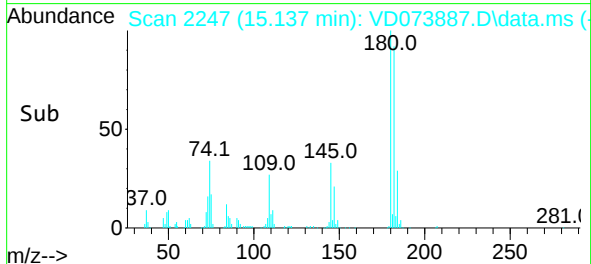
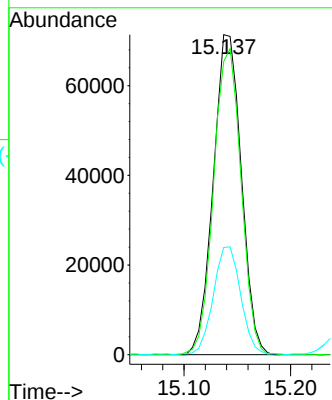
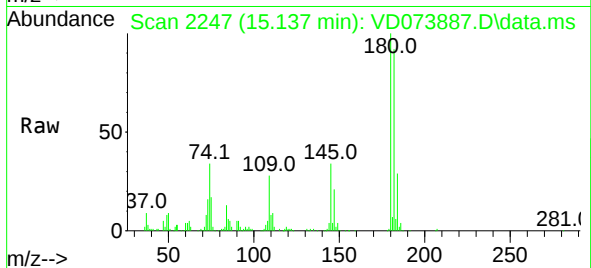
Tgt Ion:180 Resp: 130557

Ion Ratio Lower Upper

180 100

182 93.4 47.3 142.0

145 33.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 56.856 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073887.D

Acq: 20 Jul 2022 19:07

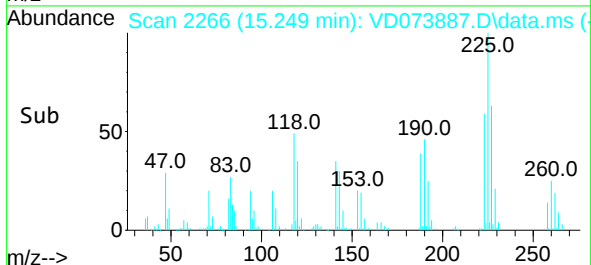
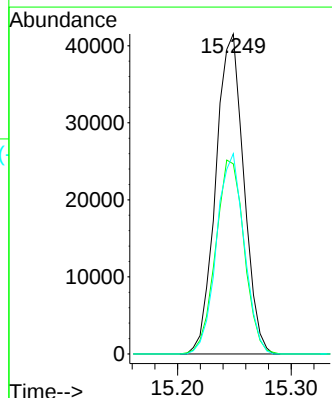
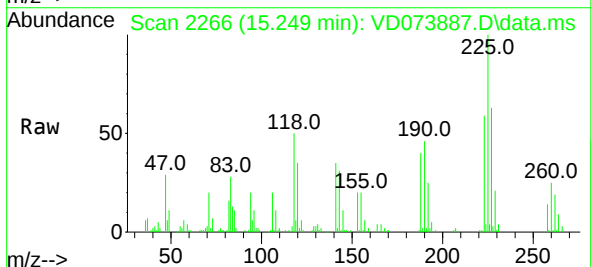
Tgt Ion:225 Resp: 71021

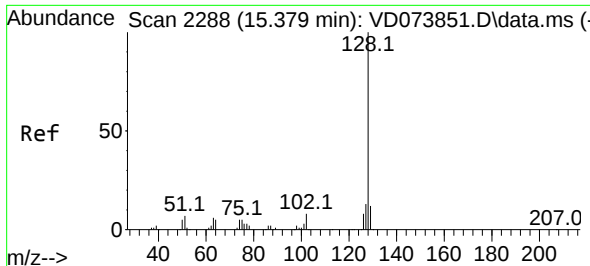
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.2

227 61.8 32.4 97.0

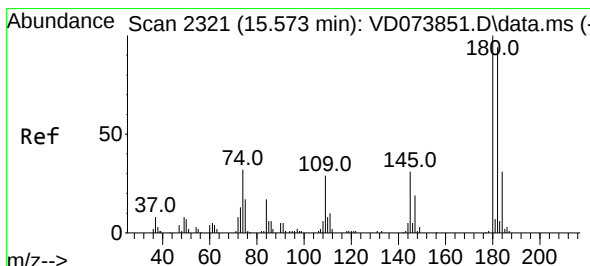
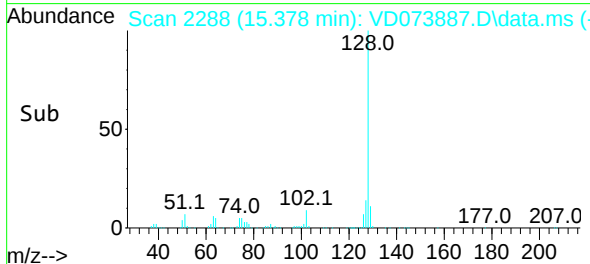
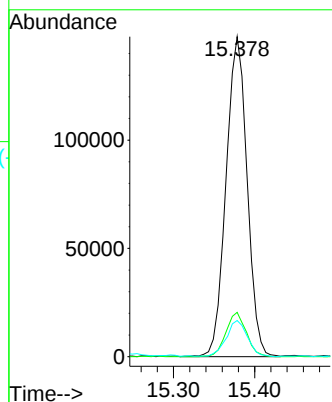
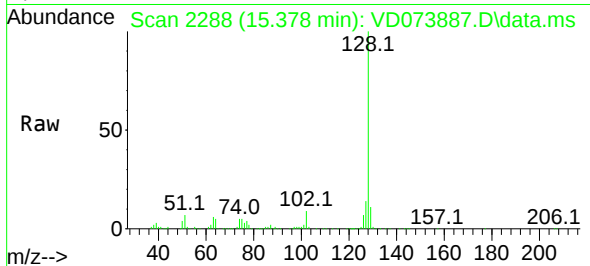




#95
Naphthalene
Concen: 62.962 ug/l
RT: 15.378 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	266752
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.4	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 57.668 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073887.D
Acq: 20 Jul 2022 19:07

Tgt Ion:	180	Resp:	115566
Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.6	142.9
145	35.3	17.1	51.3

