

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074182.D
 Acq On : 23 Aug 2022 11:11
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 23 12:47:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	169641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	274635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	253049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	128321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	36479	22.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.520%#
35) Dibromofluoromethane	7.908	113	37164	20.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.640%#
50) Toluene-d8	10.332	98	127085	22.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	45.860%#
62) 4-Bromofluorobenzene	12.620	95	47327	21.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	26422	16.125	ug/l	94
3) Chloromethane	2.209	50	18247	10.086	ug/l	93
4) Vinyl Chloride	2.344	62	18559	7.967	ug/l	91
5) Bromomethane	2.750	94	11461	6.189	ug/l	98
6) Chloroethane	2.909	64	12493	6.452	ug/l	100
7) Trichlorofluoromethane	3.267	101	58533	16.291	ug/l	96
8) Diethyl Ether	3.703	74	16048	20.585	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	35197	18.012	ug/l	94
10) Methyl Iodide	4.291	142	35538	19.527	ug/l	98
11) Tert butyl alcohol	5.226	59	10693	96.253	ug/l #	93
12) 1,1-Dichloroethene	4.062	96	30769	18.855	ug/l	85
13) Acrolein	3.926	56	6556	74.996	ug/l	95
14) Allyl chloride	4.709	41	49215	23.037	ug/l	93
15) Acrylonitrile	5.414	53	38079	120.457	ug/l	97
16) Acetone	4.156	43	32375	95.515	ug/l	92
17) Carbon Disulfide	4.409	76	79183	18.465	ug/l	100
18) Methyl Acetate	4.714	43	19315	22.488	ug/l #	89
19) Methyl tert-butyl Ether	5.467	73	78235	22.044	ug/l	98
20) Methylene Chloride	4.950	84	47065	18.380	ug/l #	83
21) trans-1,2-Dichloroethene	5.461	96	36212	20.174	ug/l	88
22) Diisopropyl ether	6.361	45	108086	24.006	ug/l #	89
23) Vinyl Acetate	6.303	43	223921	96.651	ug/l #	91
24) 1,1-Dichloroethane	6.261	63	69074	22.312	ug/l	97
25) 2-Butanone	7.203	43	49682	109.760	ug/l	98
26) 2,2-Dichloropropane	7.203	77	62371	19.956	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	41762	20.068	ug/l	92
28) Bromochloromethane	7.532	49	20090	18.147	ug/l #	79
29) Tetrahydrofuran	7.556	42	30331	120.169	ug/l	91
30) Chloroform	7.703	83	74643	21.040	ug/l	92
31) Cyclohexane	7.973	56	53640	20.118	ug/l #	89
32) 1,1,1-Trichloroethane	7.903	97	66842	20.136	ug/l	95
36) 1,1-Dichloropropene	8.103	75	52239	20.664	ug/l	96
37) Ethyl Acetate	7.285	43	19502	19.684	ug/l #	89
38) Carbon Tetrachloride	8.091	117	57475	20.116	ug/l	97
39) Methylcyclohexane	9.350	83	57619	20.393	ug/l	98
40) Benzene	8.338	78	148169	20.810	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	8212	15.732	ug/l #	40
42) 1,2-Dichloroethane	8.414	62	46173	21.843	ug/l	97
43) Isopropyl Acetate	8.444	43	42605	23.212	ug/l #	93
44) Trichloroethene	9.102	130	41528	20.050	ug/l	95
45) 1,2-Dichloropropane	9.379	63	38107	22.165	ug/l	98
46) Dibromomethane	9.467	93	20662	19.375	ug/l	92
47) Bromodichloromethane	9.649	83	55351	20.205	ug/l #	97
48) Methyl methacrylate	9.450	41	20189	23.654	ug/l	88
49) 1,4-Dioxane	9.450	88	5090	482.111	ug/l	86
51) 4-Methyl-2-Pentanone	10.220	43	108838	115.635	ug/l	94
52) Toluene	10.397	92	99112	21.358	ug/l	93
53) t-1,3-Dichloropropene	10.608	75	48772	20.651	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	58091	21.081	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	29618	20.958	ug/l	97
56) Ethyl methacrylate	10.649	69	32838	22.105	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	50430	22.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	54610	103.361	ug/l	94
59) 2-Hexanone	10.973	43	72187	112.292	ug/l	95
60) Dibromochloromethane	11.126	129	37893	19.848	ug/l	99
61) 1,2-Dibromoethane	11.238	107	27853	20.110	ug/l	99
64) Tetrachloroethene	10.867	164	34678	20.848	ug/l	93
65) Chlorobenzene	11.655	112	107918	21.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	41562	20.839	ug/l	99
67) Ethyl Benzene	11.732	91	181081	20.640	ug/l	98
68) m/p-Xylenes	11.844	106	144671	41.046	ug/l	99
69) o-Xylene	12.167	106	66243	20.662	ug/l	96
70) Styrene	12.185	104	117112	20.963	ug/l	96
71) Bromoform	12.349	173	21924	21.193	ug/l #	97
73) Isopropylbenzene	12.467	105	177633	20.526	ug/l	98
74) N-amyl acetate	12.279	43	38442	22.631	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	34135	21.775	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	41579	34.806	ug/l #	100
77) Bromobenzene	12.749	156	42459	20.524	ug/l	89
78) n-propylbenzene	12.808	91	220942	20.642	ug/l	96
79) 2-Chlorotoluene	12.890	91	127421	20.906	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	157912	21.400	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	9302	20.979	ug/l	89
82) 4-Chlorotoluene	12.991	91	137930	21.402	ug/l	99
83) tert-Butylbenzene	13.208	119	133638	21.133	ug/l	95
84) 1,2,4-Trimethylbenzene	13.249	105	153820	20.845	ug/l	96
85) sec-Butylbenzene	13.385	105	201963	20.779	ug/l	99
86) p-Isopropyltoluene	13.502	119	168233	20.741	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	89928	20.576	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	89116	20.442	ug/l	99
89) n-Butylbenzene	13.826	91	156132	20.140	ug/l	99
90) Hexachloroethane	14.090	117	34212	20.309	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	77061	19.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5548	20.907	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	45913	18.791	ug/l	99
94) Hexachlorobutadiene	15.243	225	26215	18.153	ug/l	99
95) Naphthalene	15.373	128	79130	18.808	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	41765	19.400	ug/l	95

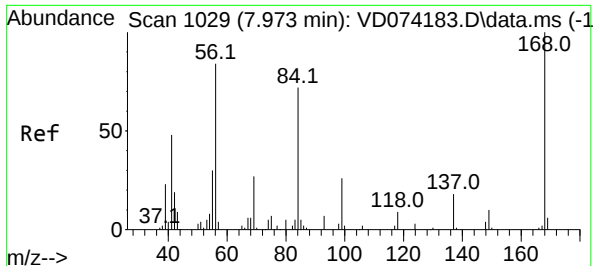
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
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Response via : Initial Calibration

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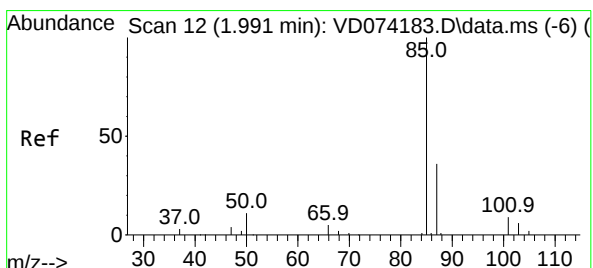
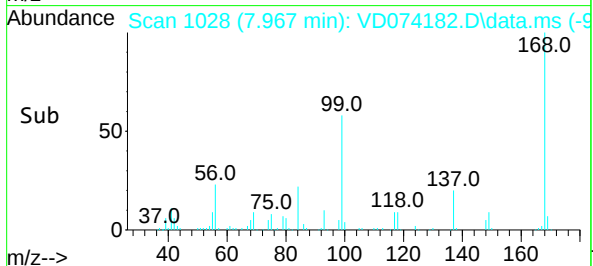
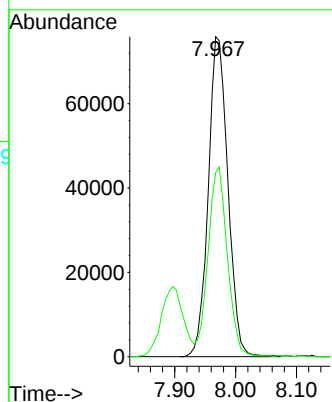
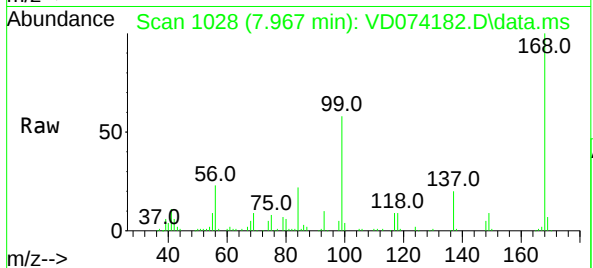
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

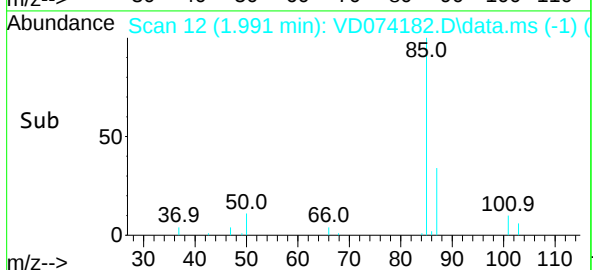
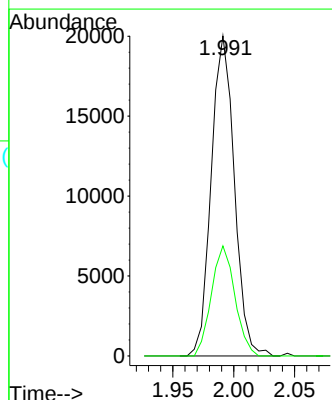
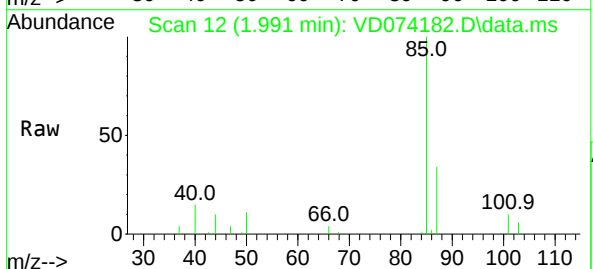
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

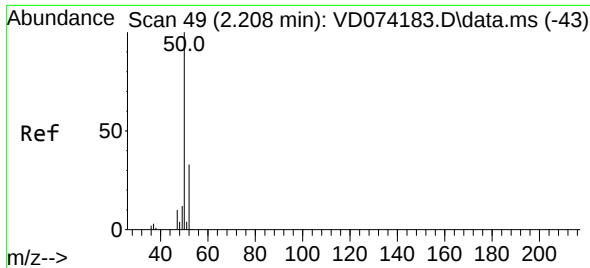
Tgt Ion:168 Resp: 169641
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 16.125 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 85 Resp: 26422
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.0

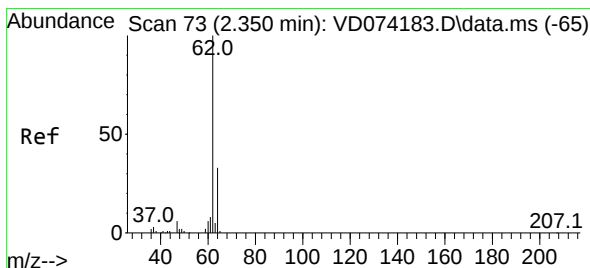
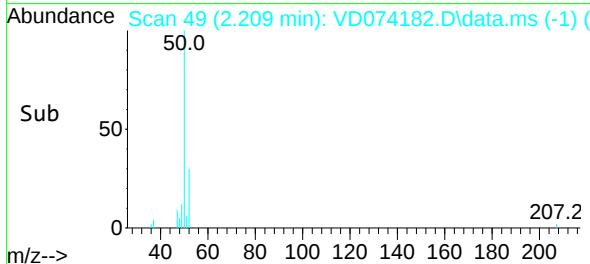
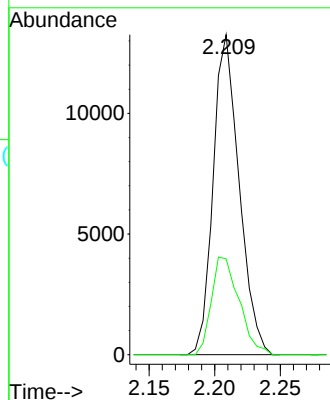
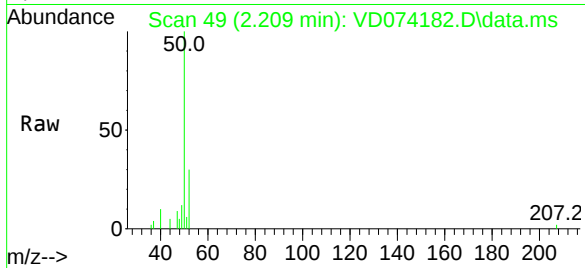




#3
Chloromethane
Concen: 10.086 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

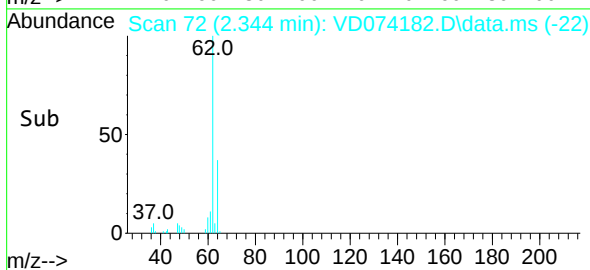
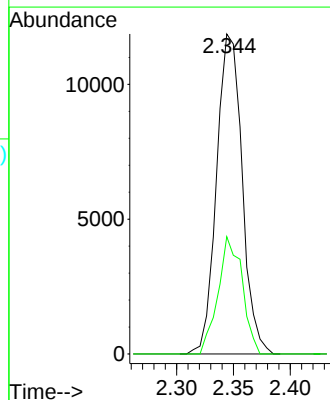
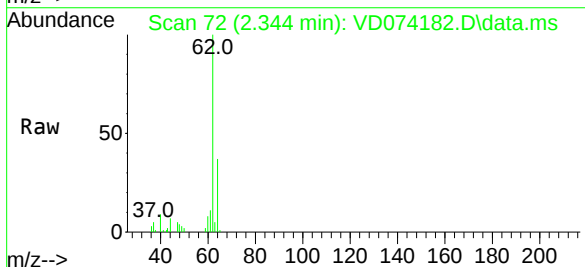
Instrument :
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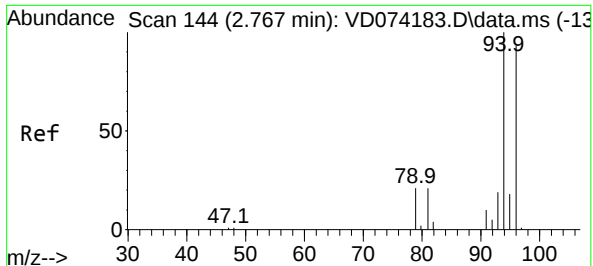
Tgt Ion: 50 Resp: 18247
Ion Ratio Lower Upper
50 100
52 30.0 27.4 41.0



#4
Vinyl Chloride
Concen: 7.967 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 62 Resp: 18559
Ion Ratio Lower Upper
62 100
64 36.7 25.4 38.0





#5

Bromomethane

Concen: 6.189 ug/l

RT: 2.750 min Scan# 144

Delta R.T. -0.017 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

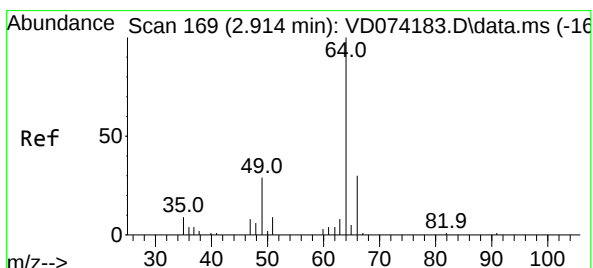
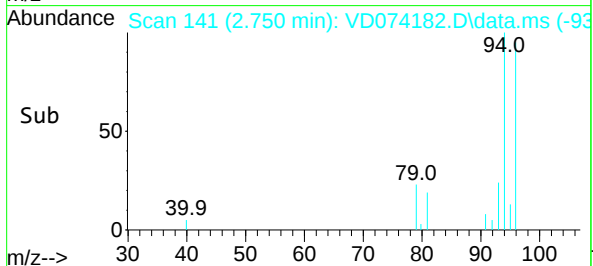
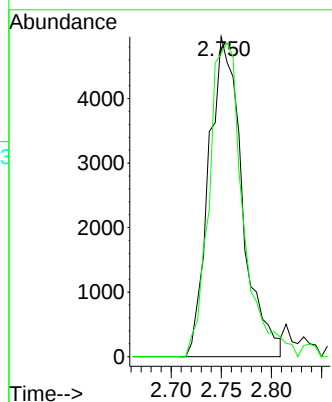
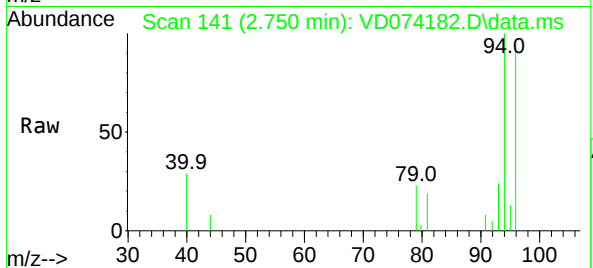
VSTDIC020

Tgt Ion: 94 Resp: 11461

Ion Ratio Lower Upper

94 100

96 94.8 77.6 116.4



#6

Chloroethane

Concen: 6.452 ug/l

RT: 2.909 min Scan# 168

Delta R.T. -0.006 min

Lab File: VD074182.D

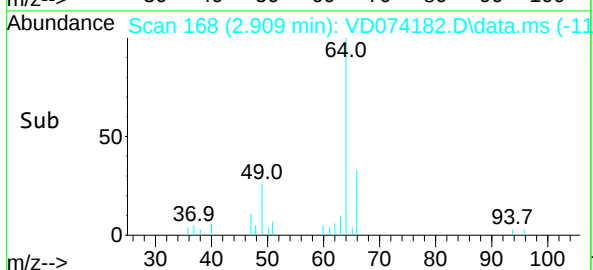
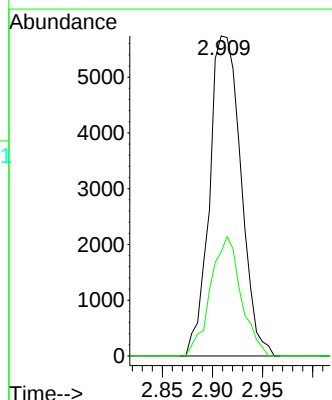
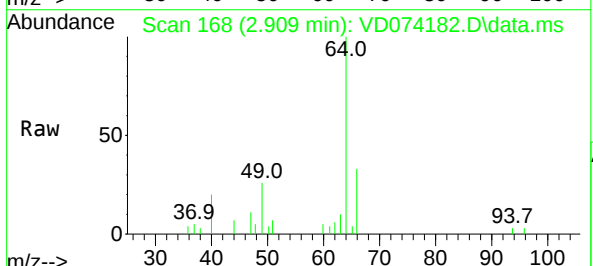
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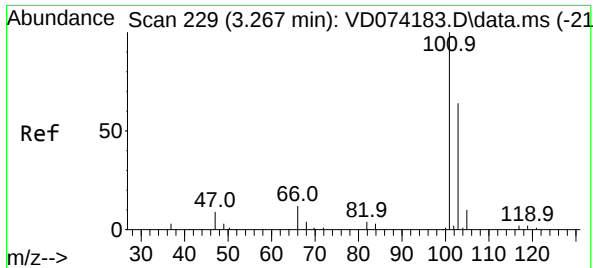
Tgt Ion: 64 Resp: 12493

Ion Ratio Lower Upper

64 100

66 32.5 25.9 38.9

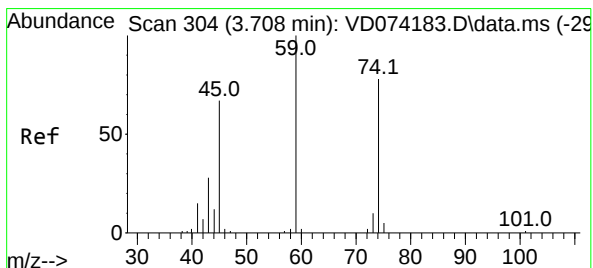
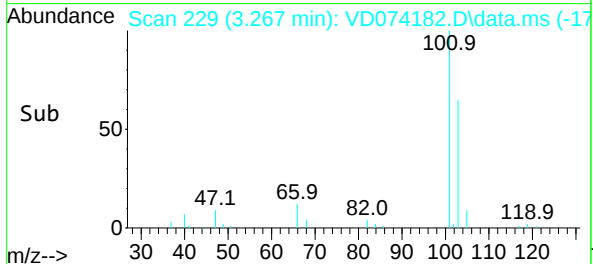
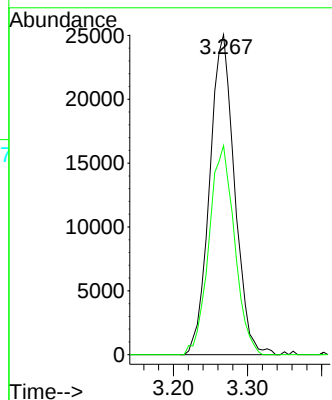
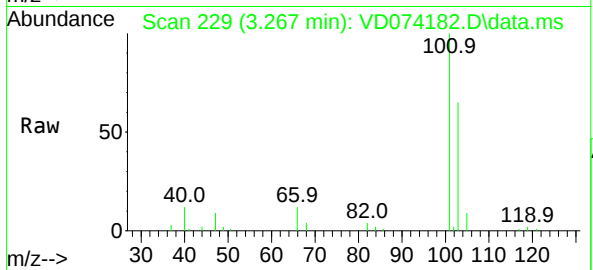




#7
 Trichlorofluoromethane
 Concen: 16.291 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

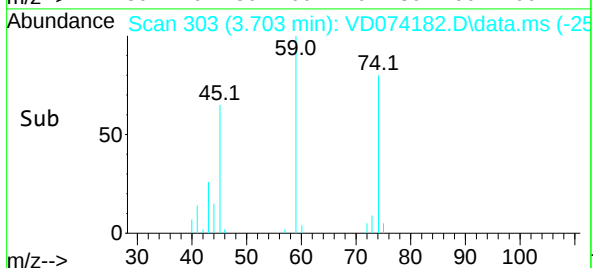
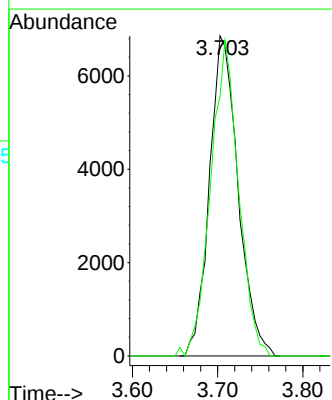
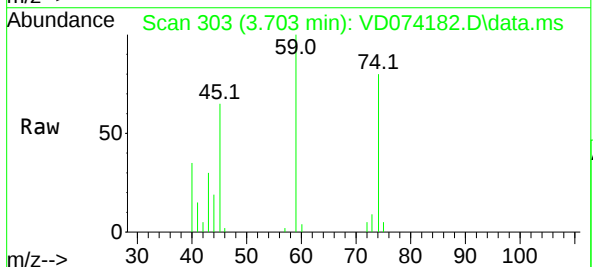
Instrument :
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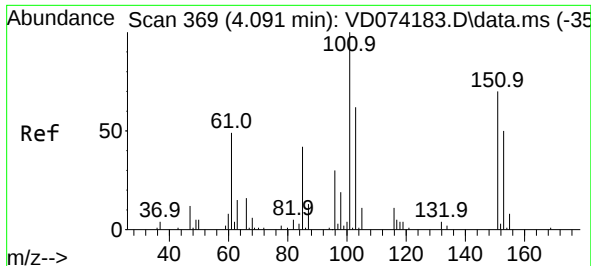
Tgt Ion:101 Resp: 58533
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.585 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

Tgt Ion: 74 Resp: 16048
 Ion Ratio Lower Upper
 74 100
 45 96.1 52.6 157.8

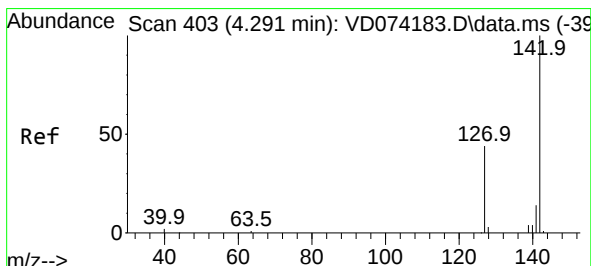
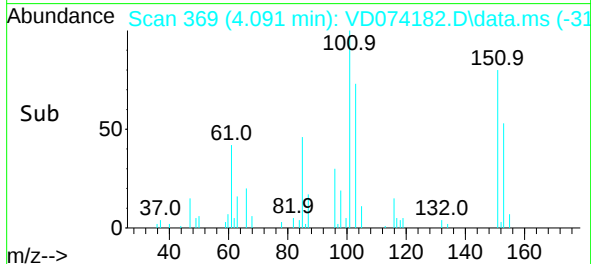
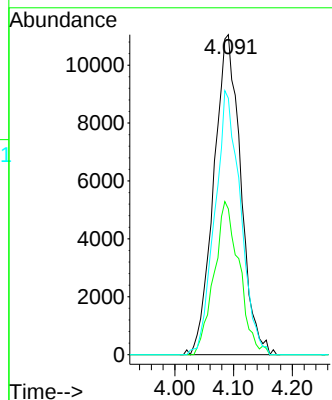
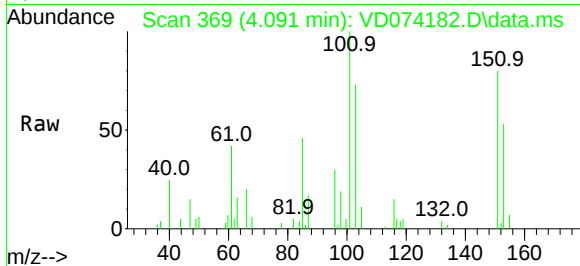




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.012 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

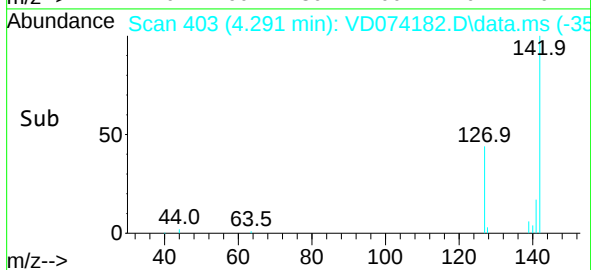
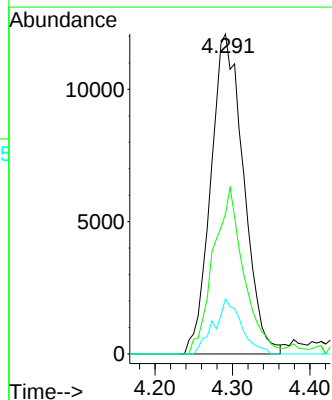
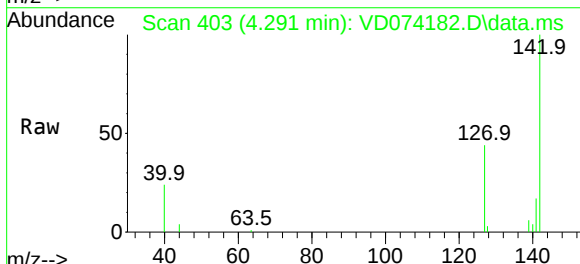
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

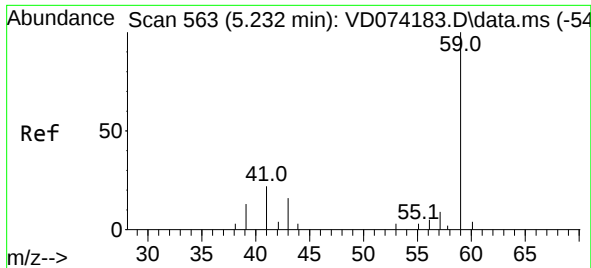
Tgt Ion:101 Resp: 35197
Ion Ratio Lower Upper
101 100
85 44.9 36.4 54.6
151 78.7 57.3 85.9



#10
Methyl Iodide
Concen: 19.527 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion:142 Resp: 35538
Ion Ratio Lower Upper
142 100
127 48.4 37.3 55.9
141 14.5 11.7 17.5

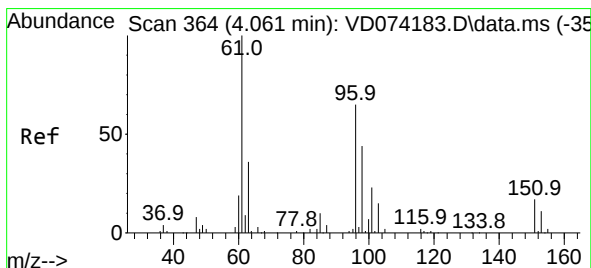
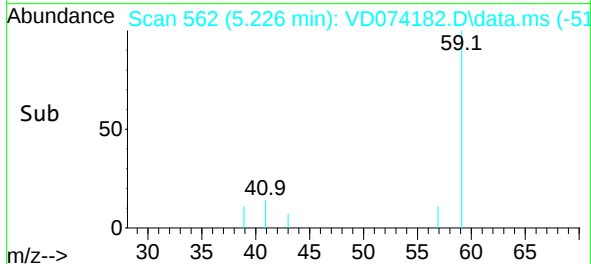
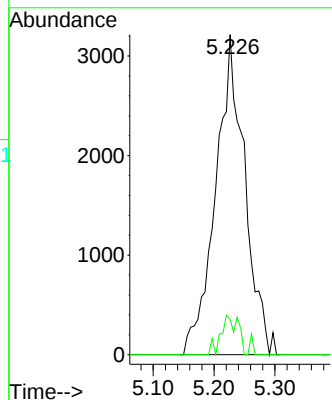
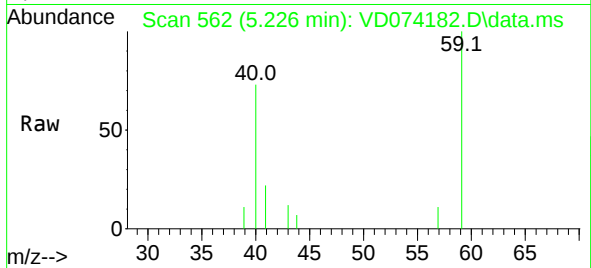




#11
Tert butyl alcohol
Concen: 96.253 ug/l
RT: 5.226 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

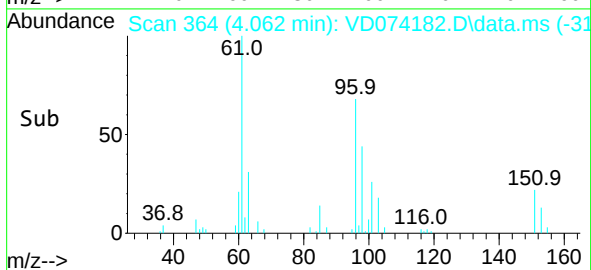
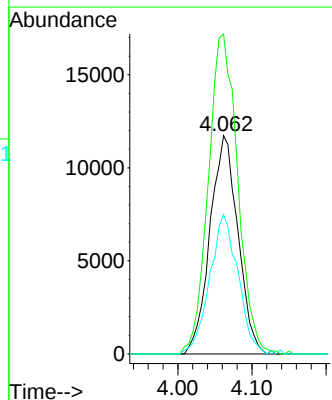
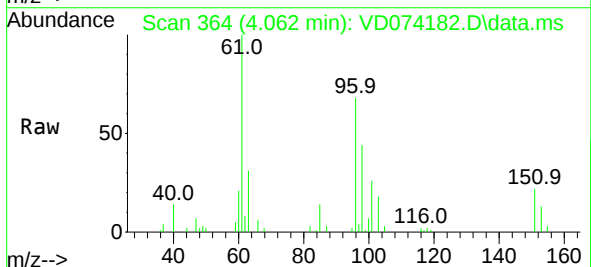
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

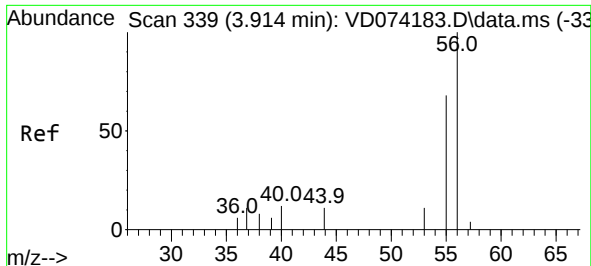
Tgt Ion: 59 Resp: 10693
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 18.855 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 96 Resp: 30769
Ion Ratio Lower Upper
96 100
61 146.5 138.5 207.7
98 63.9 48.6 73.0

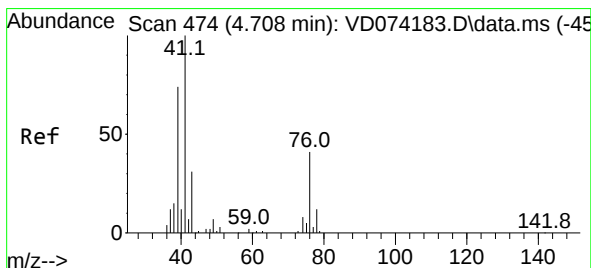
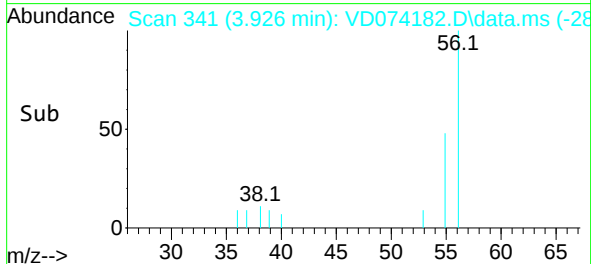
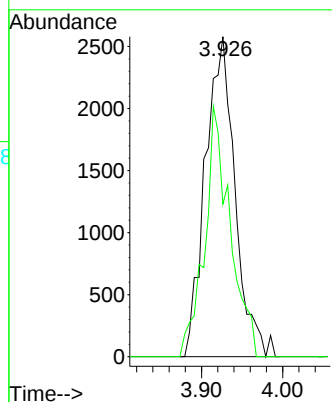
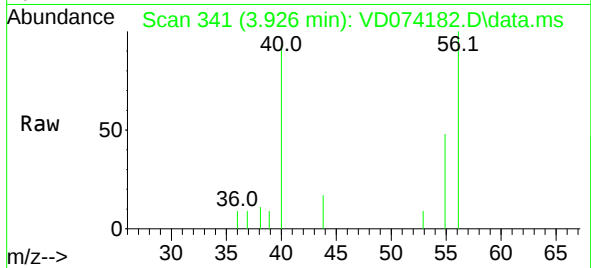




#13
Acrolein
Concen: 74.996 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.012 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

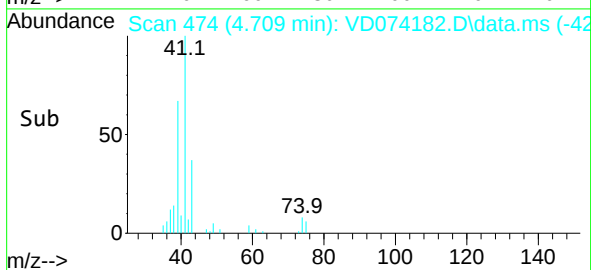
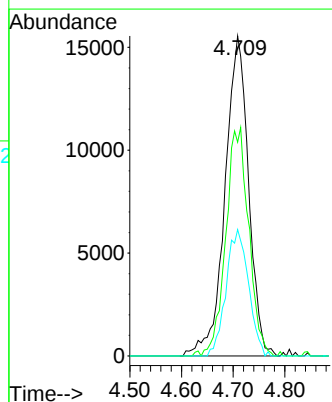
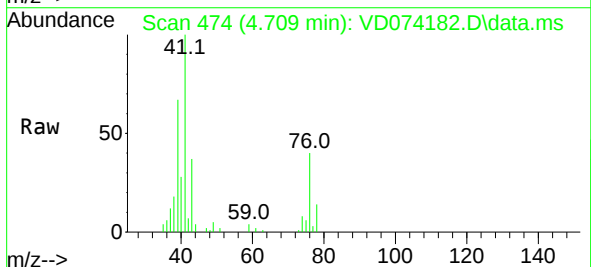
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

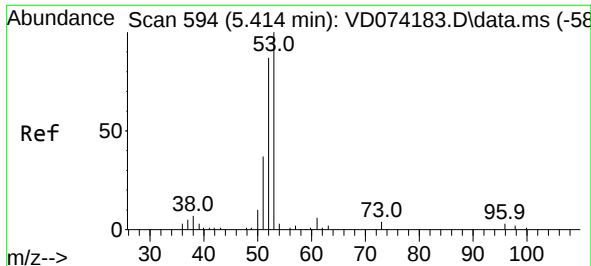
Tgt Ion: 56 Resp: 6556
Ion Ratio Lower Upper
56 100
55 67.1 57.1 85.7



#14
Allyl chloride
Concen: 23.037 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 41 Resp: 49215
Ion Ratio Lower Upper
41 100
39 69.4 59.3 88.9
76 37.7 25.7 38.5

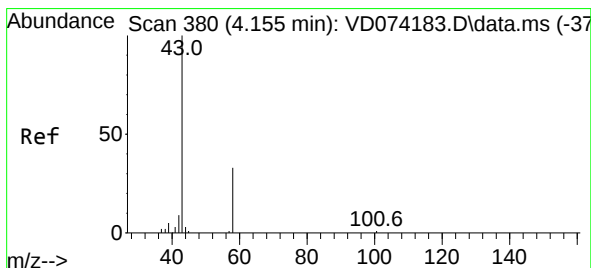
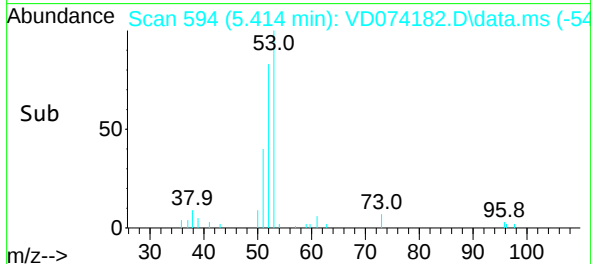
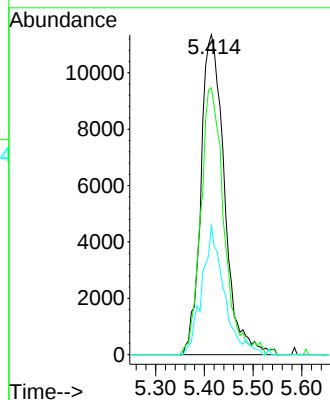
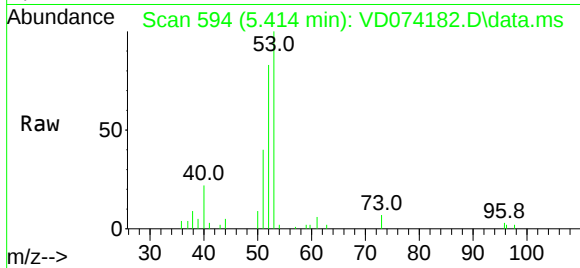




#15
Acrylonitrile
Concen: 120.457 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

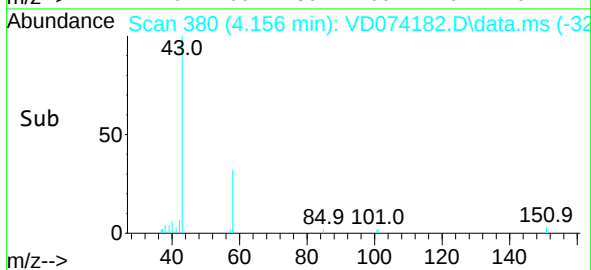
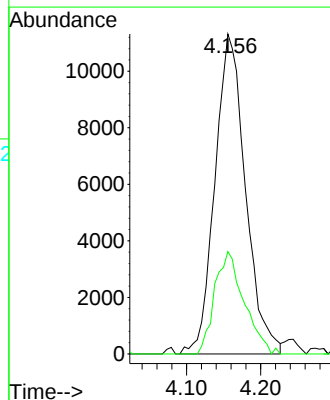
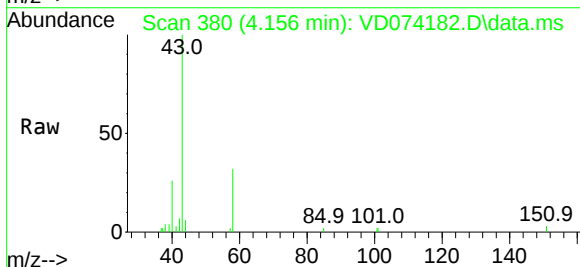
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

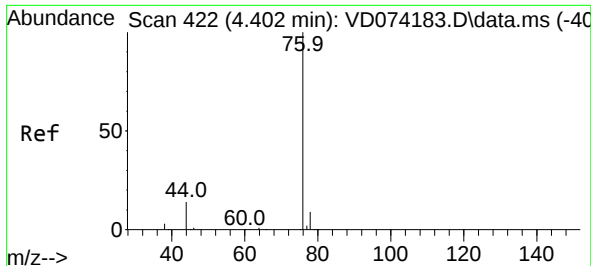
Tgt Ion: 53 Resp: 38079
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 36.3 30.3 45.5



#16
Acetone
Concen: 95.515 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 43 Resp: 32375
Ion Ratio Lower Upper
43 100
58 32.0 22.1 33.1





#17

Carbon Disulfide

Concen: 18.465 ug/l

RT: 4.409 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

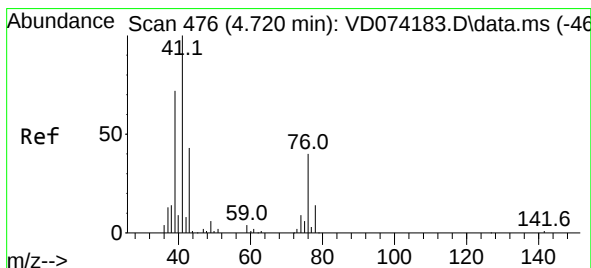
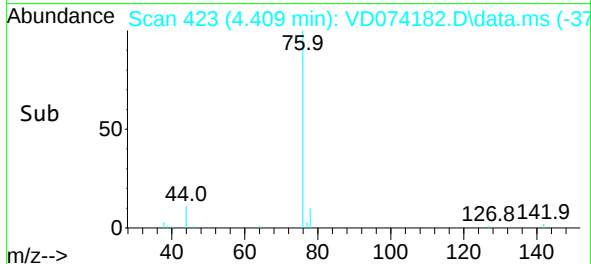
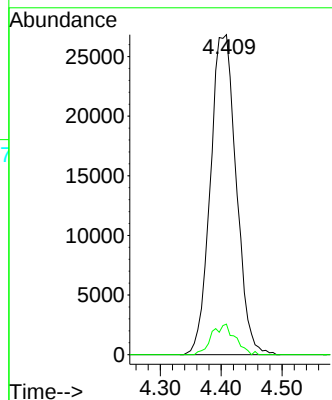
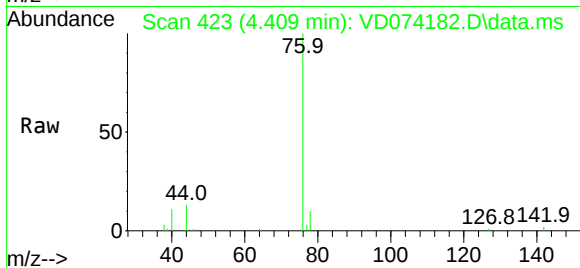
VSTDICC020

Tgt Ion: 76 Resp: 79183

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3



#18

Methyl Acetate

Concen: 22.488 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.006 min

Lab File: VD074182.D

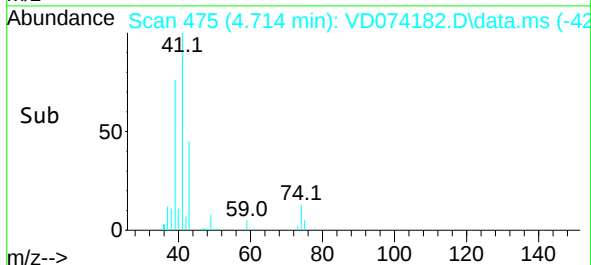
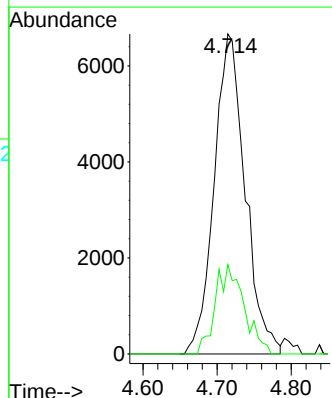
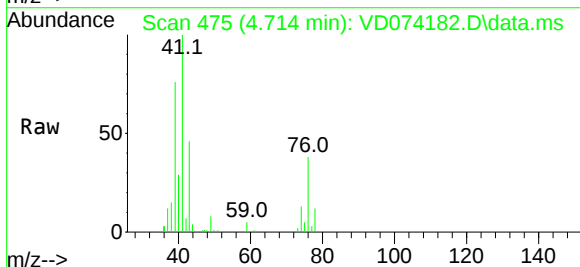
Acq: 23 Aug 2022 11:11

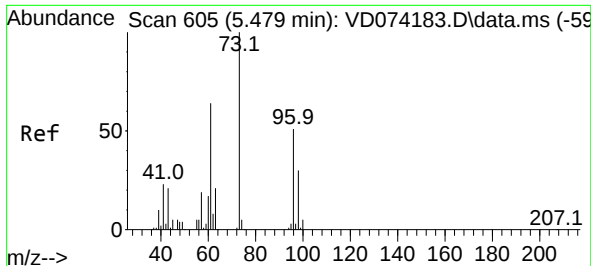
Tgt Ion: 43 Resp: 19315

Ion Ratio Lower Upper

43 100

74 25.8 16.7 25.1#

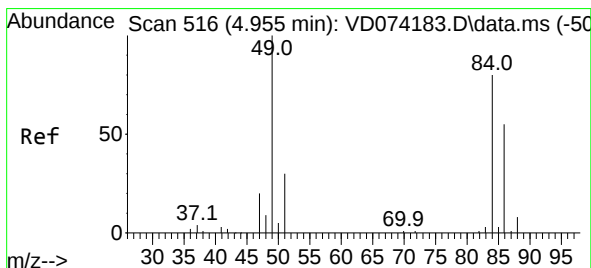
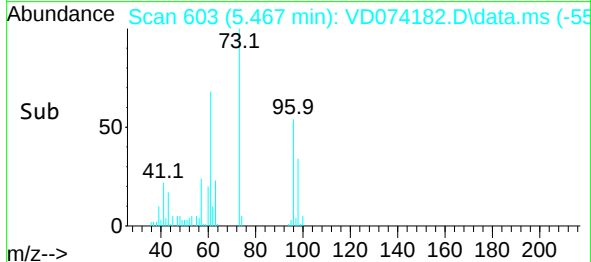
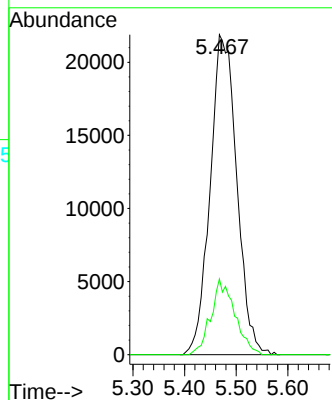
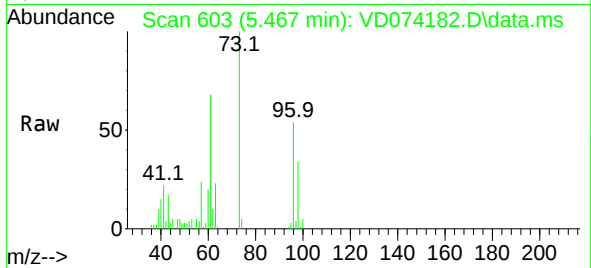




#19
Methyl tert-butyl Ether
Concen: 22.044 ug/l
RT: 5.467 min Scan# 605
Delta R.T. -0.011 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

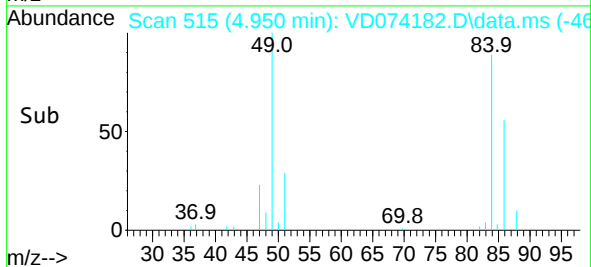
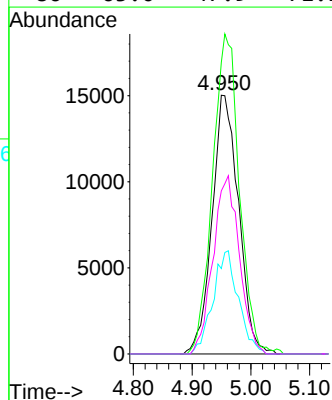
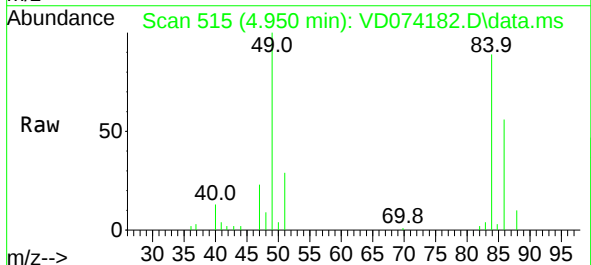
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

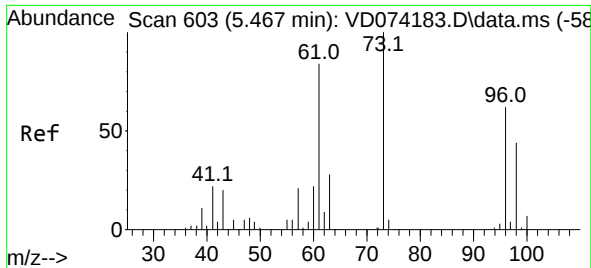
Tgt Ion: 73 Resp: 78235
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0



#20
Methylene Chloride
Concen: 18.380 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 84 Resp: 47065
Ion Ratio Lower Upper
84 100
49 112.6 112.8 169.2#
51 33.0 32.6 48.8
86 63.0 47.9 71.9

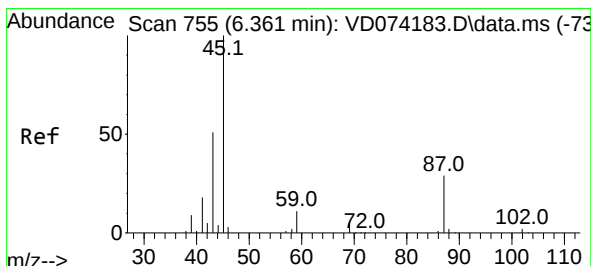
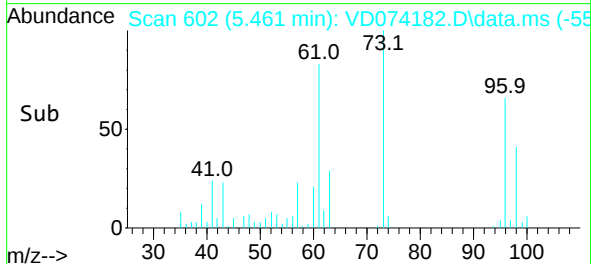
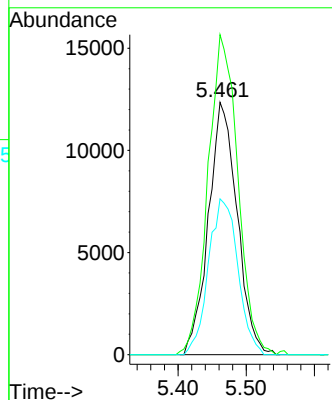
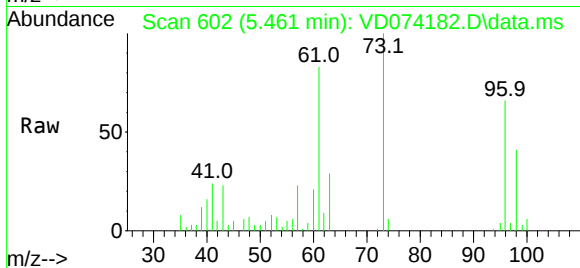




#21
trans-1,2-Dichloroethene
Concen: 20.174 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

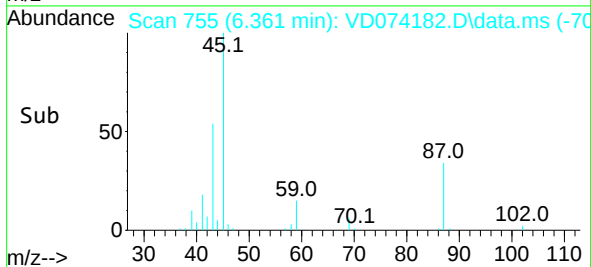
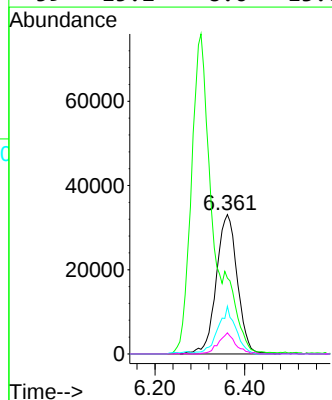
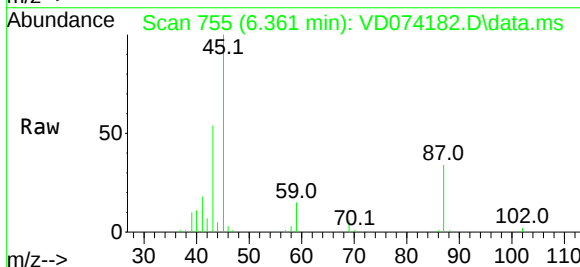
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 36212
Ion Ratio Lower Upper
96 100
61 125.6 117.9 176.9
98 61.8 49.4 74.2



#22
Diisopropyl ether
Concen: 24.006 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 45 Resp: 108086
Ion Ratio Lower Upper
45 100
43 53.3 46.6 70.0
87 34.2 18.4 27.6#
59 15.2 8.6 13.0#

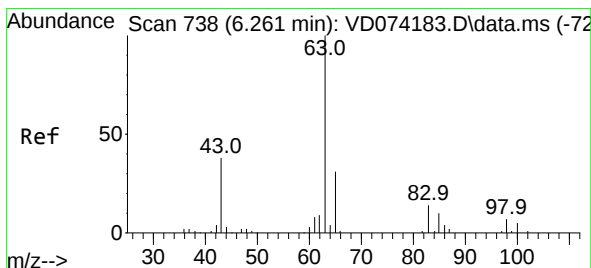
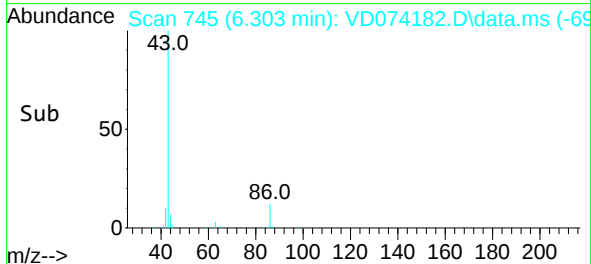
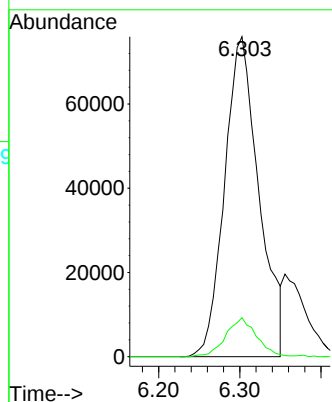
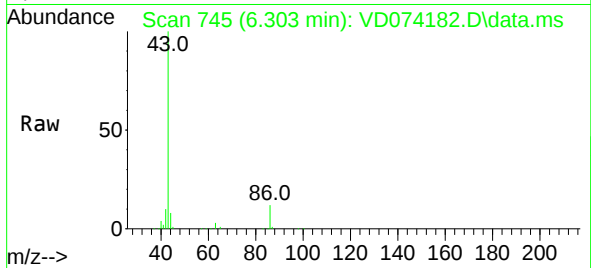




#23
 Vinyl Acetate
 Concen: 96.651 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

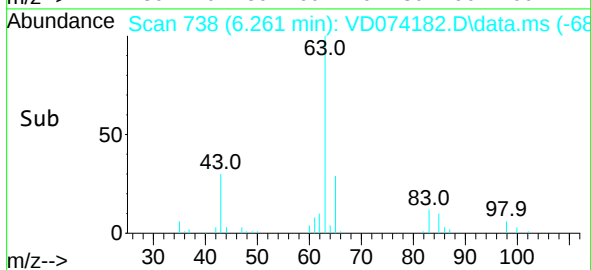
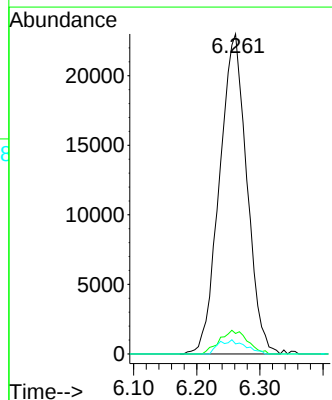
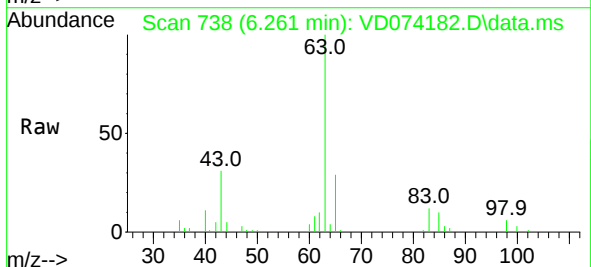
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

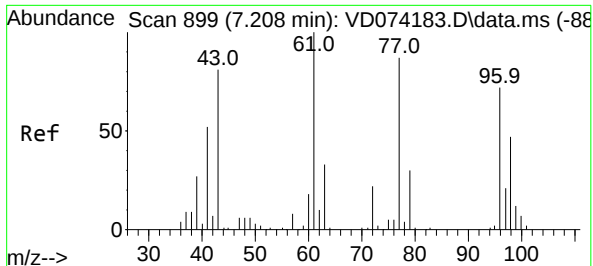
Tgt Ion: 43 Resp: 223921
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.312 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

Tgt Ion: 63 Resp: 69074
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 3.2 2.1 6.5





#25

2-Butanone

Concen: 109.760 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

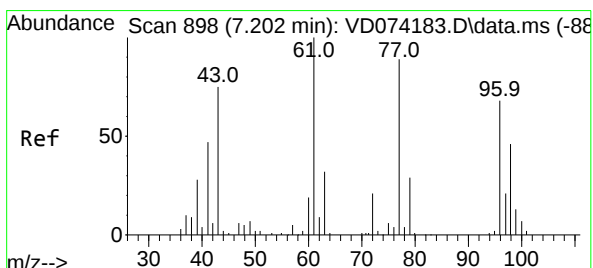
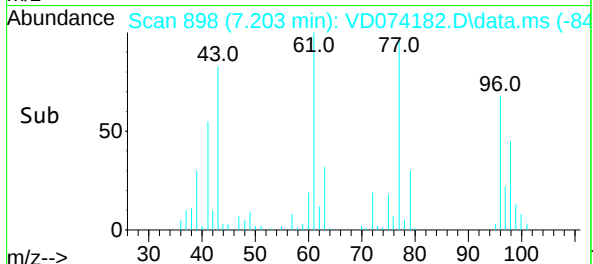
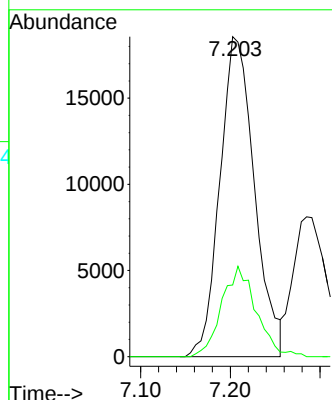
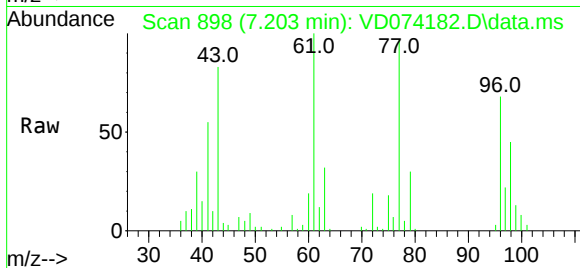
VSTDIC020

Tgt Ion: 43 Resp: 49682

Ion Ratio Lower Upper

43 100

72 22.4 18.6 27.8



#26

2,2-Dichloropropane

Concen: 19.956 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD074182.D

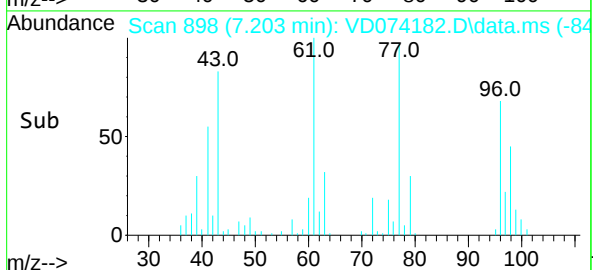
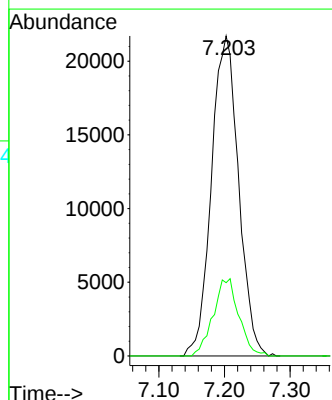
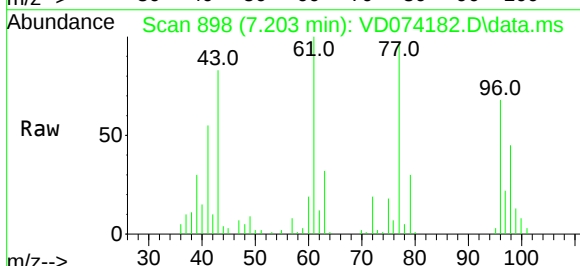
Acq: 23 Aug 2022 11:11

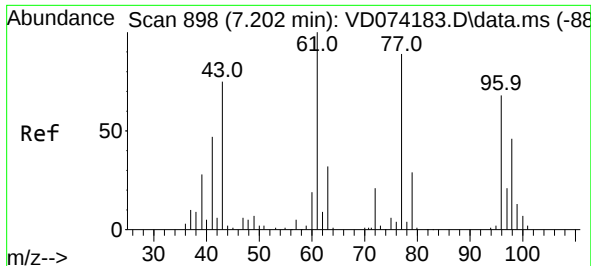
Tgt Ion: 77 Resp: 62371

Ion Ratio Lower Upper

77 100

97 22.8 10.8 32.4

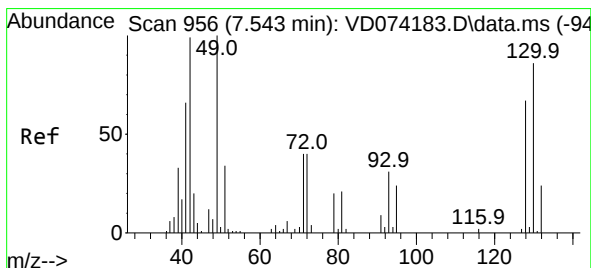
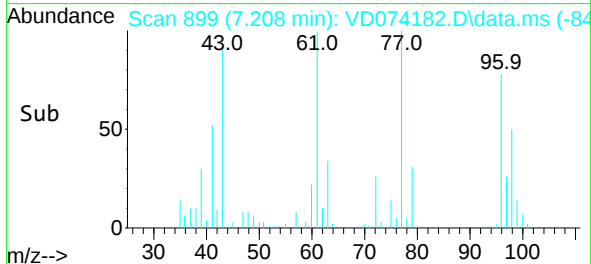
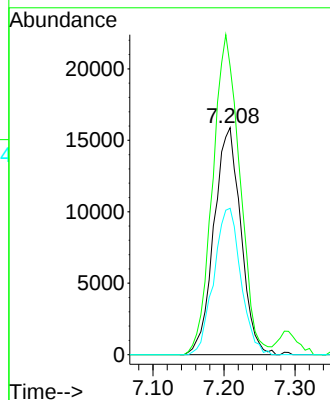
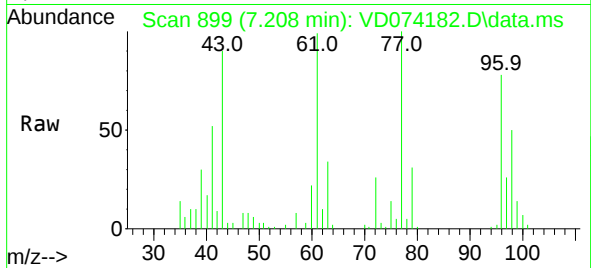




#27
cis-1,2-Dichloroethene
Concen: 20.068 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

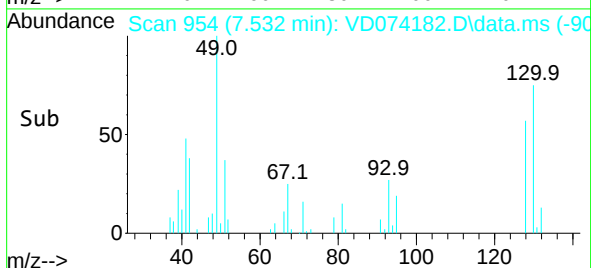
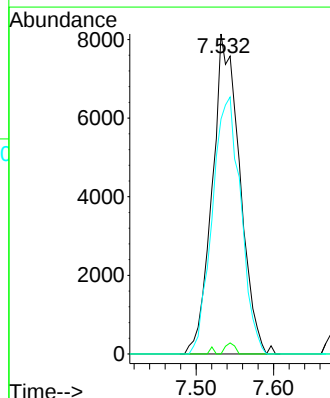
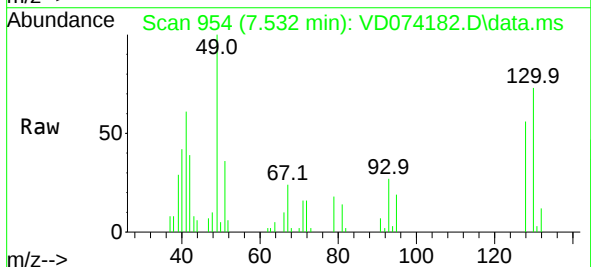
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

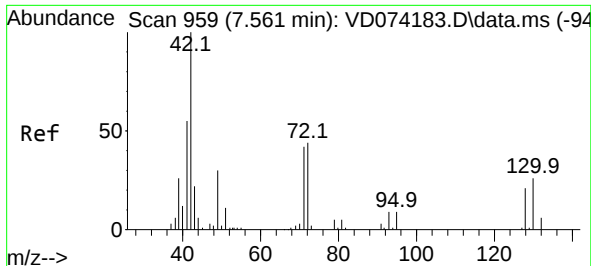
Tgt Ion: 96 Resp: 41762
Ion Ratio Lower Upper
96 100
61 143.0 0.0 313.8
98 64.6 0.0 128.8



#28
Bromochloromethane
Concen: 18.147 ug/l
RT: 7.532 min Scan# 954
Delta R.T. -0.011 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 49 Resp: 20090
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 83.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 120.169 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

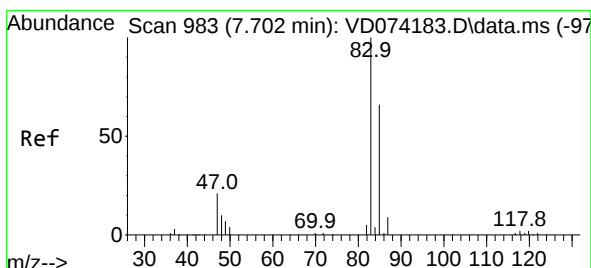
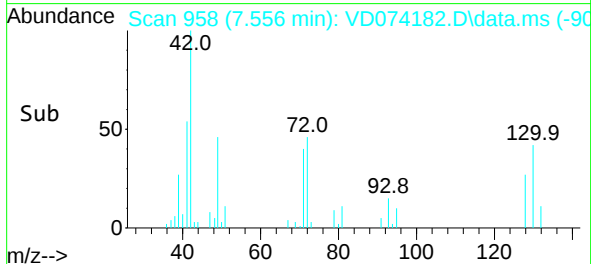
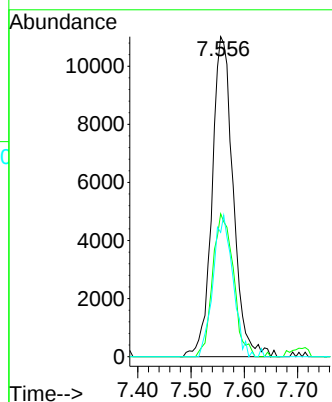
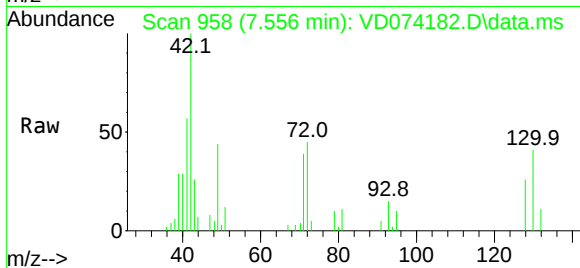
Tgt Ion: 42 Resp: 30331

Ion Ratio Lower Upper

42 100

72 44.0 30.7 46.1

71 41.2 28.6 43.0



#30

Chloroform

Concen: 21.040 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD074182.D

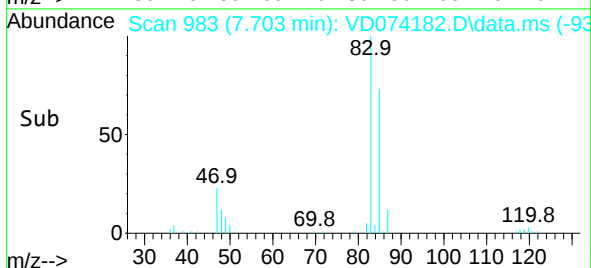
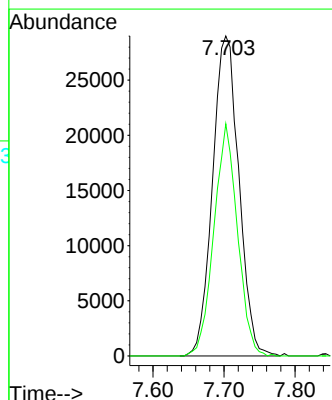
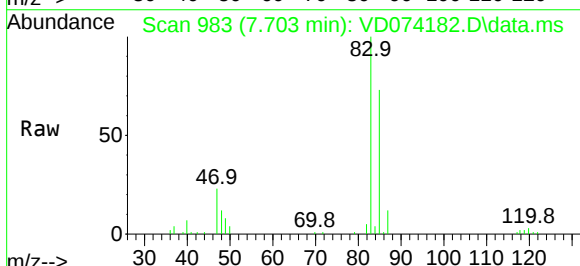
Acq: 23 Aug 2022 11:11

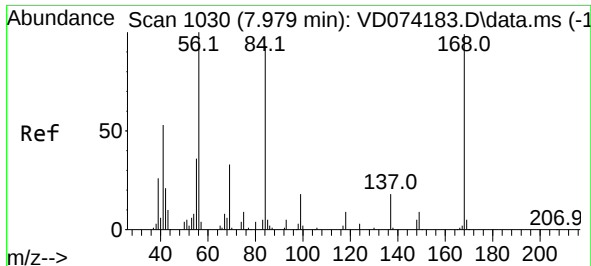
Tgt Ion: 83 Resp: 74643

Ion Ratio Lower Upper

83 100

85 72.6 52.7 79.1

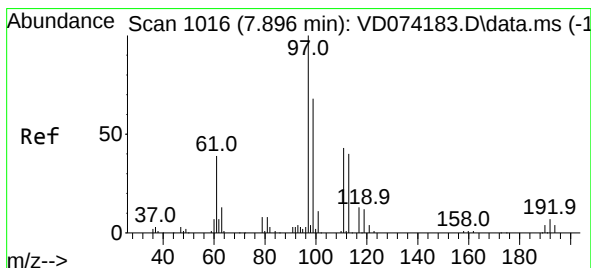
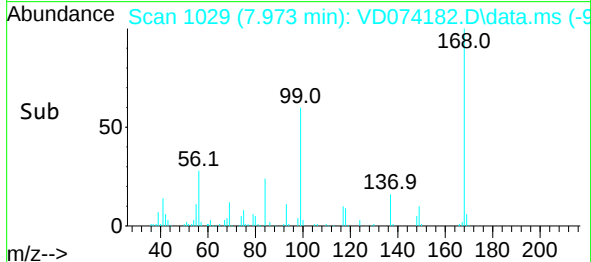
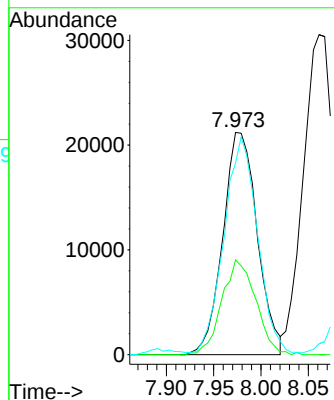
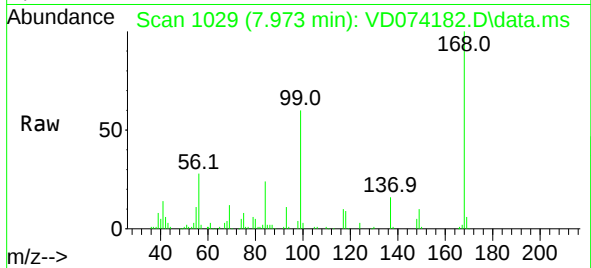




#31
Cyclohexane
Concen: 20.118 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

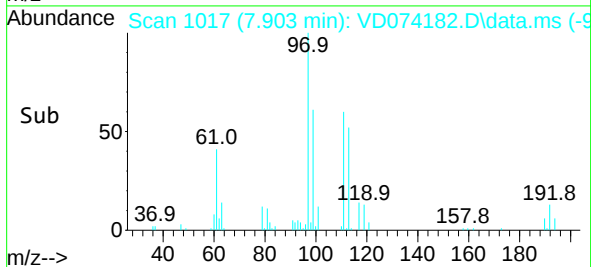
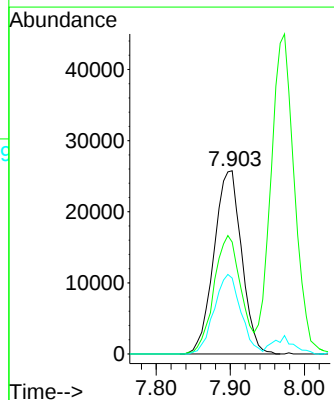
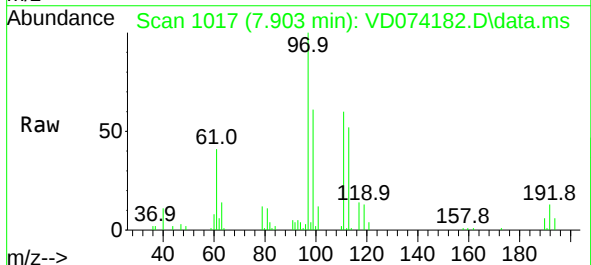
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

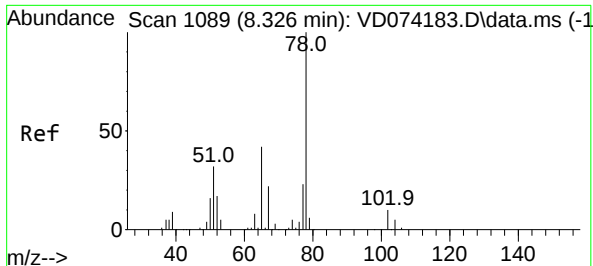
Tgt Ion: 56 Resp: 53640
Ion Ratio Lower Upper
56 100
69 42.6 25.4 38.2#
84 84.9 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 20.136 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 97 Resp: 66842
Ion Ratio Lower Upper
97 100
99 63.4 52.4 78.6
61 41.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 22.759 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

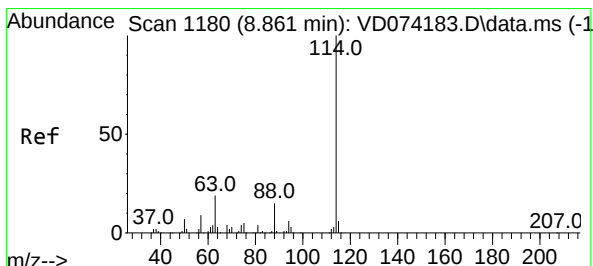
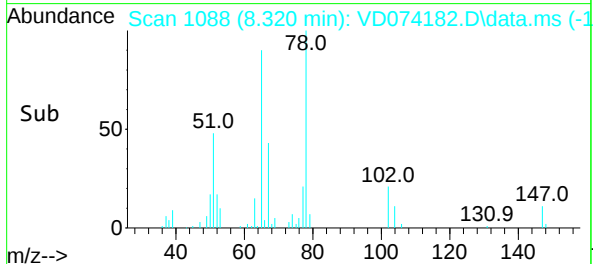
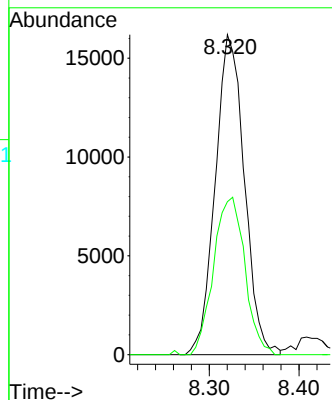
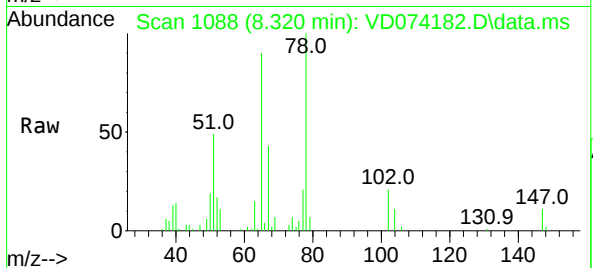
VSTDIC020

Tgt Ion: 65 Resp: 36479

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

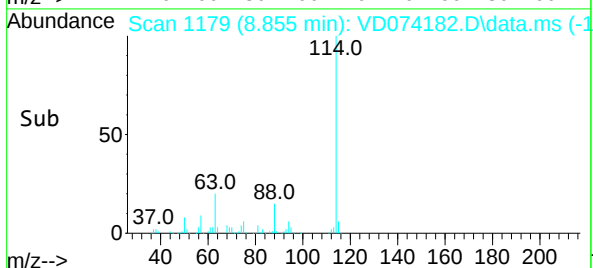
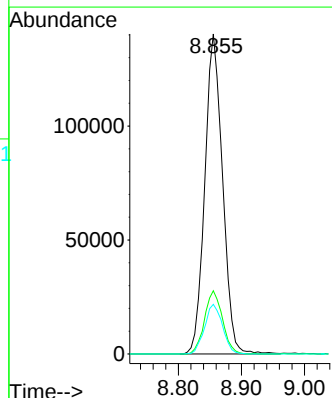
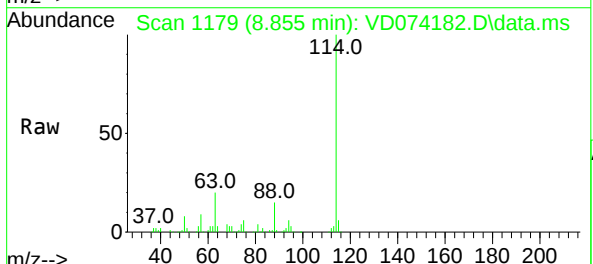
Tgt Ion: 114 Resp: 274635

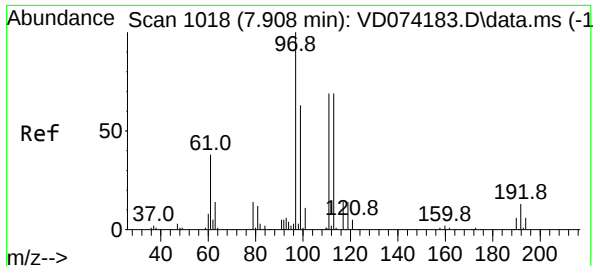
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 20.823 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

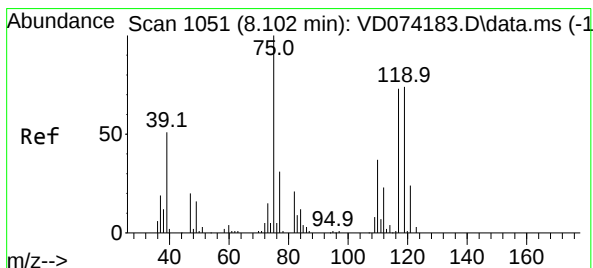
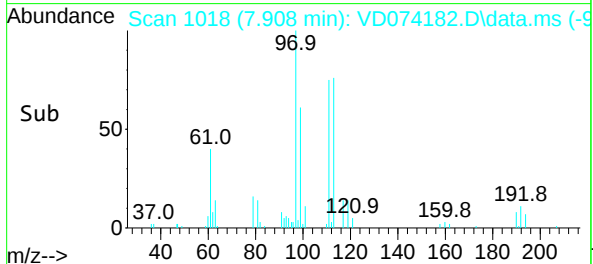
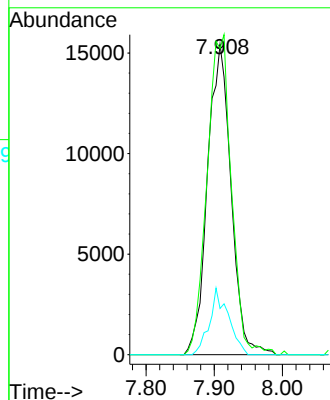
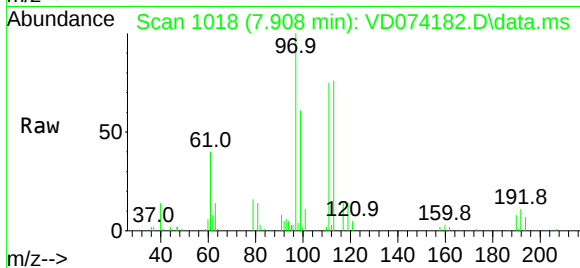
Tgt Ion:113 Resp: 37164

Ion Ratio Lower Upper

113 100

111 106.5 83.8 125.6

192 17.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 20.664 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

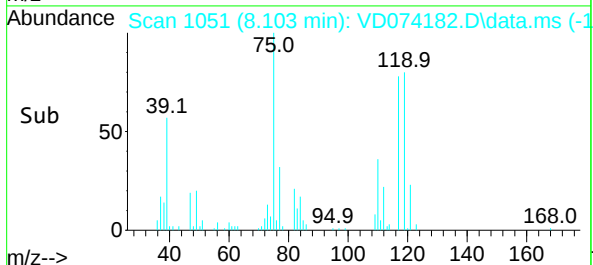
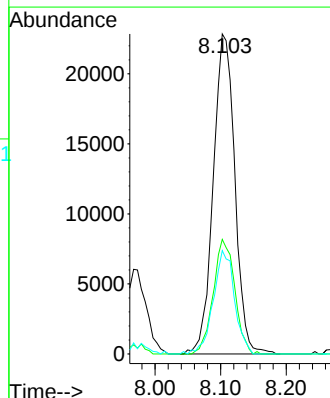
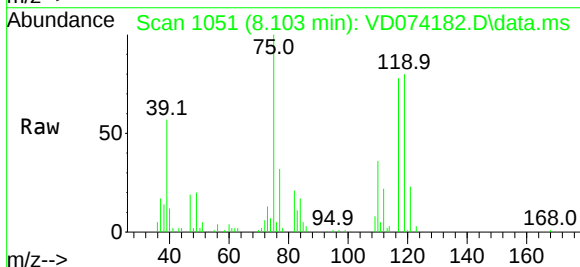
Tgt Ion: 75 Resp: 52239

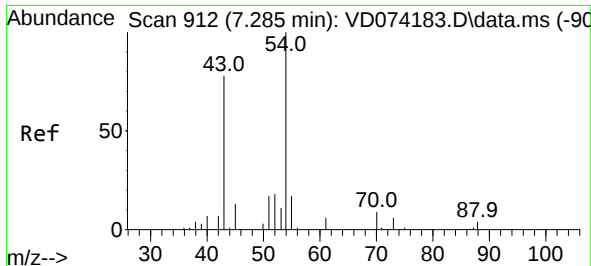
Ion Ratio Lower Upper

75 100

110 35.6 16.4 49.1

77 31.7 24.2 36.2





#37

Ethyl Acetate

Concen: 19.684 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

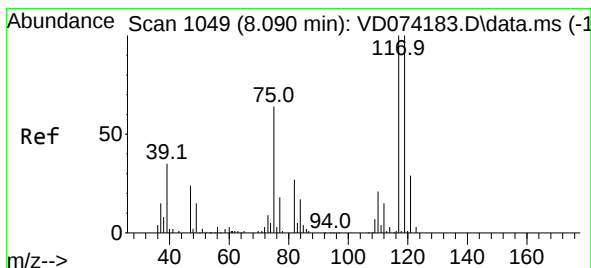
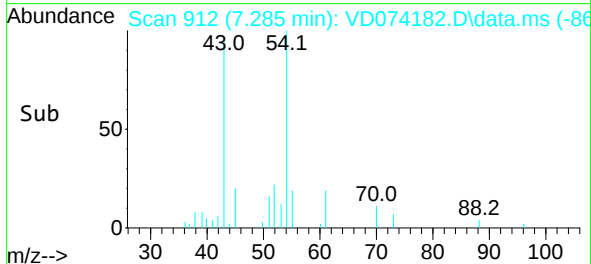
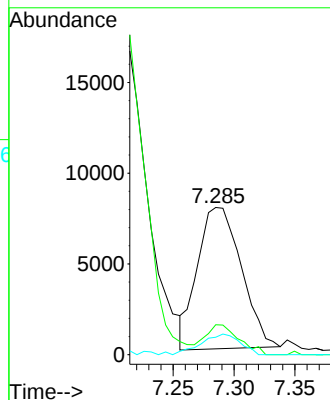
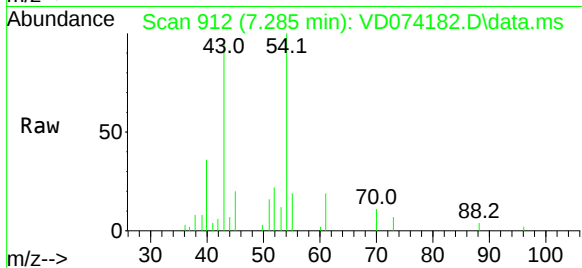
Tgt Ion: 43 Resp: 19502

Ion Ratio Lower Upper

43 100

61 16.2 9.8 14.8#

70 13.2 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 20.116 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

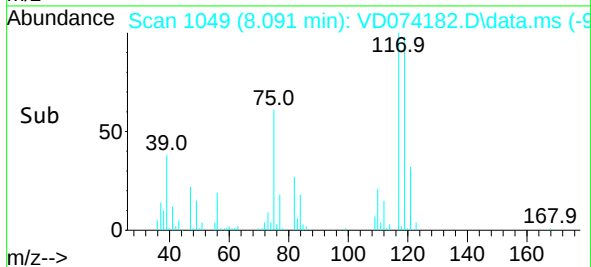
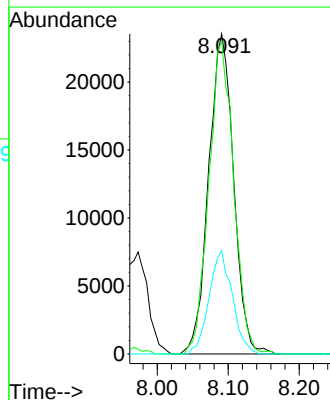
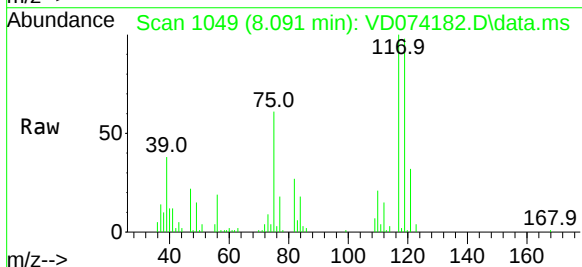
Tgt Ion: 117 Resp: 57475

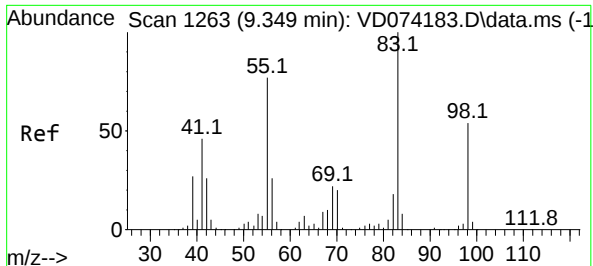
Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.6

121 32.2 24.5 36.7





#39

Methylcyclohexane

Concen: 20.393 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

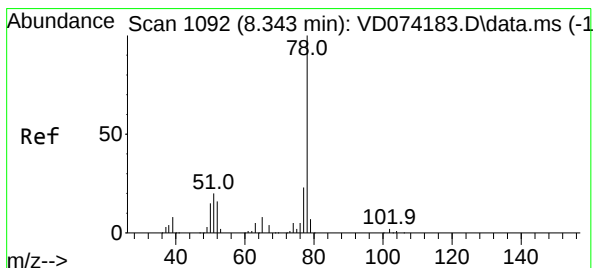
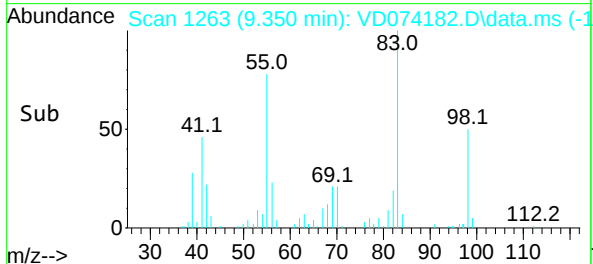
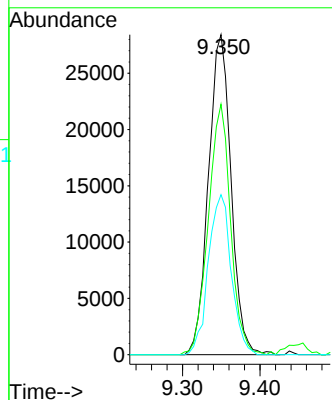
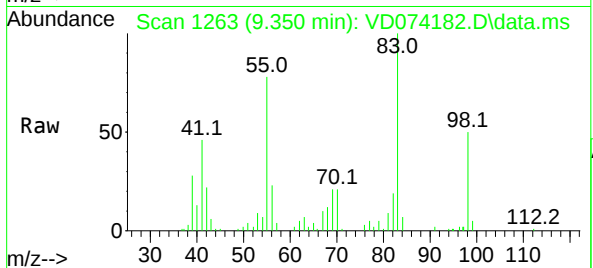
Tgt Ion: 83 Resp: 57619

Ion Ratio Lower Upper

83 100

55 78.2 63.2 94.8

98 50.0 38.2 57.4



#40

Benzene

Concen: 20.810 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD074182.D

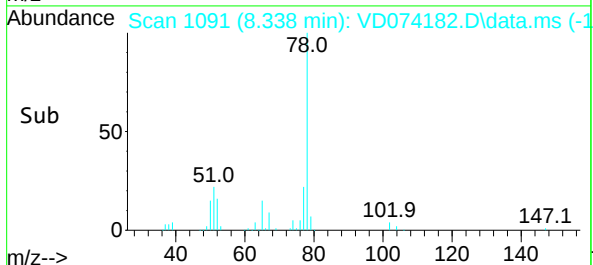
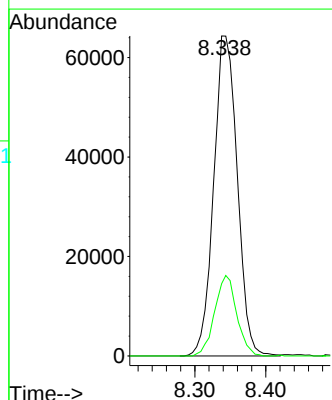
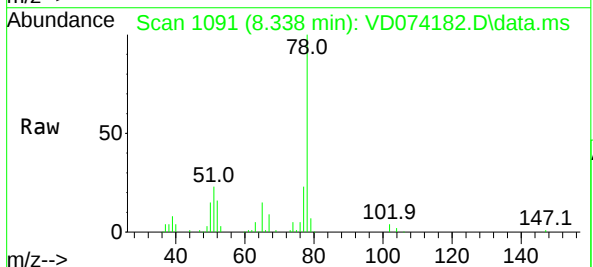
Acq: 23 Aug 2022 11:11

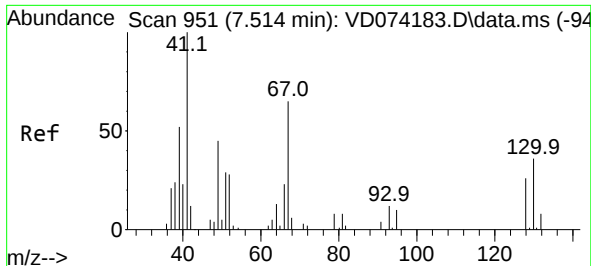
Tgt Ion: 78 Resp: 148169

Ion Ratio Lower Upper

78 100

77 22.6 19.1 28.7

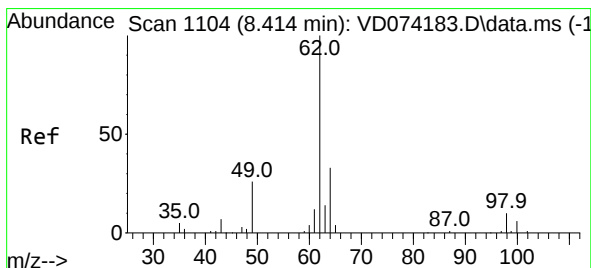
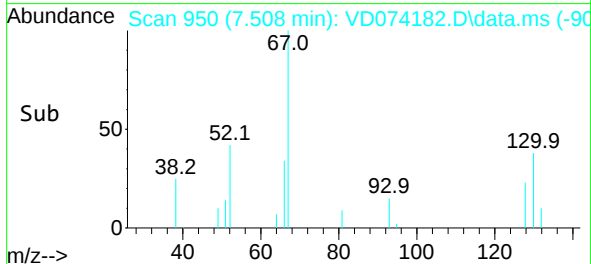
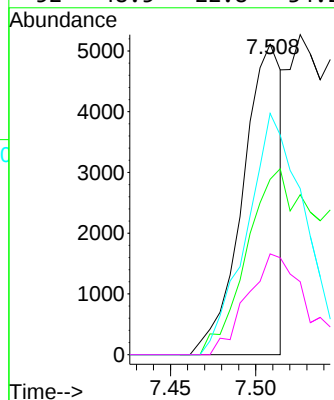
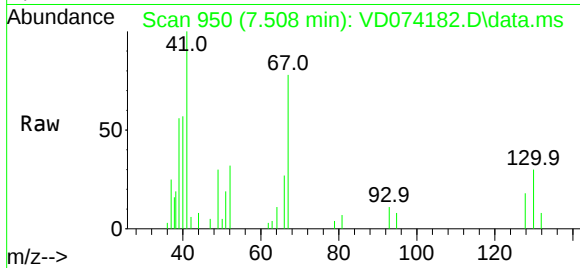




#41
Methacrylonitrile
Concen: 15.732 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

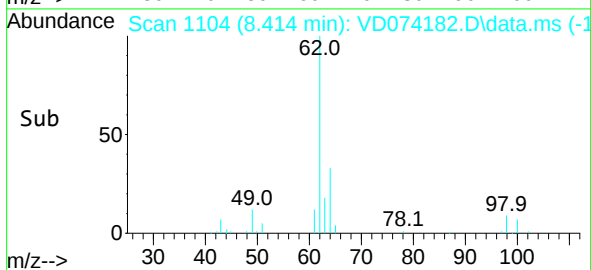
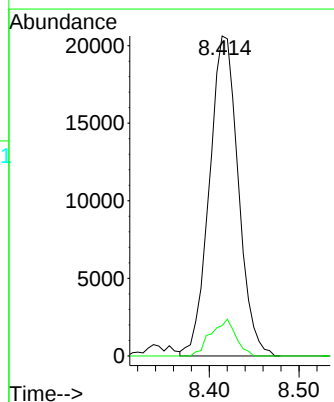
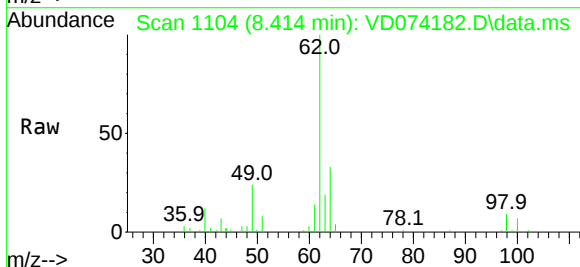
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

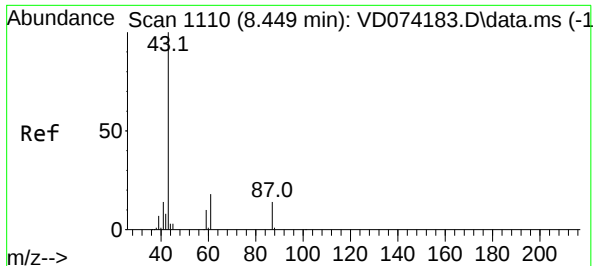
Tgt Ion:	41	Resp:	8212
Ion	Ratio	Lower	Upper
41	100		
39	97.3	44.6	67.0#
67	115.1	48.2	72.4#
52	48.5	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 21.843 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion:	62	Resp:	46173
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 23.212 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

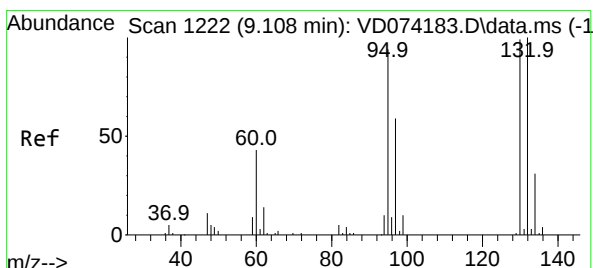
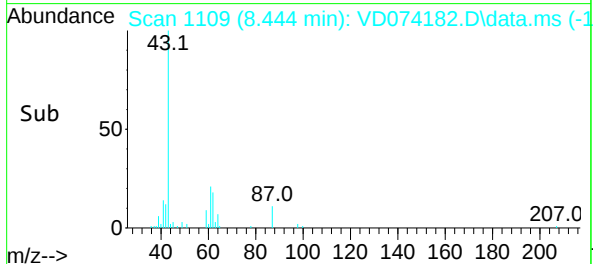
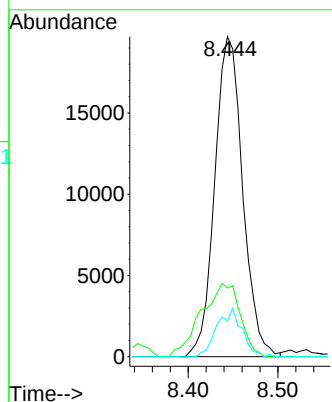
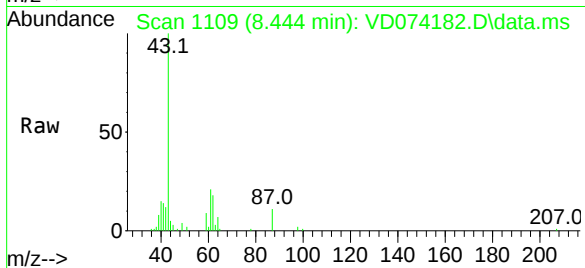
Tgt Ion: 43 Resp: 42605

Ion Ratio Lower Upper

43 100

61 31.8 22.4 33.6

87 13.5 8.7 13.1#



#44

Trichloroethene

Concen: 20.050 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD074182.D

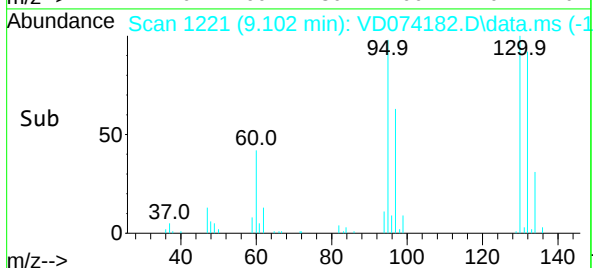
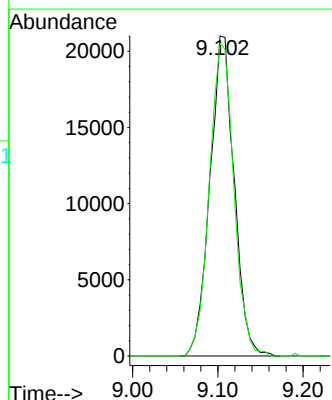
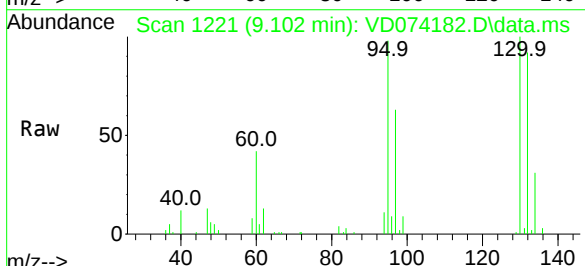
Acq: 23 Aug 2022 11:11

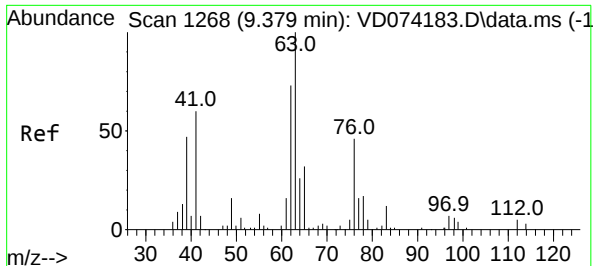
Tgt Ion:130 Resp: 41528

Ion Ratio Lower Upper

130 100

95 97.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 22.165 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

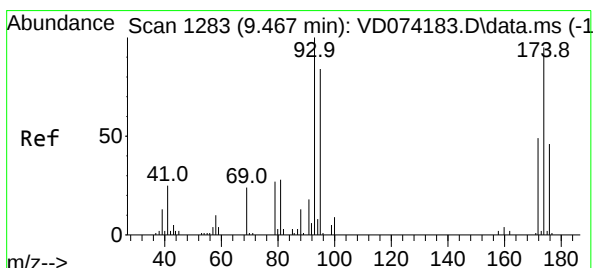
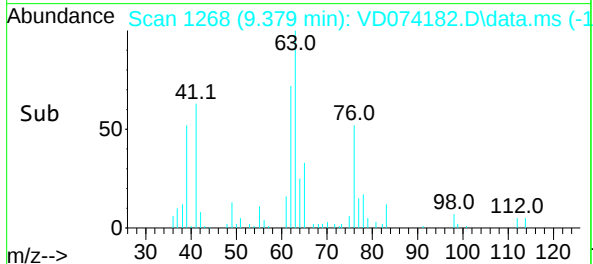
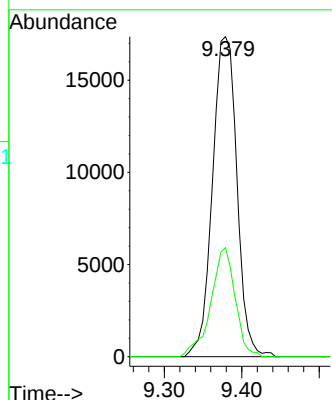
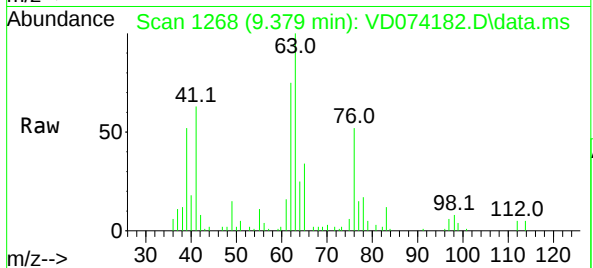
VSTDIC020

Tgt Ion: 63 Resp: 38107

Ion Ratio Lower Upper

63 100

65 34.0 26.2 39.4



#46

Dibromomethane

Concen: 19.375 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

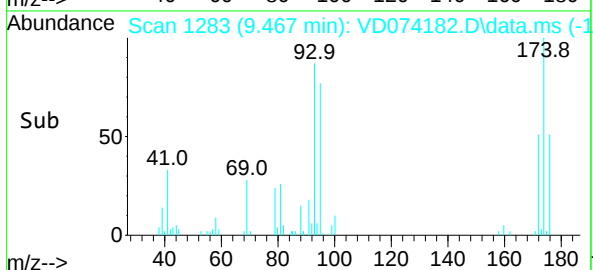
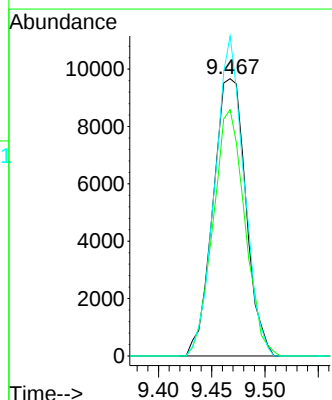
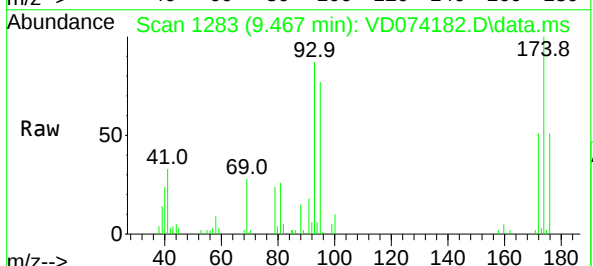
Tgt Ion: 93 Resp: 20662

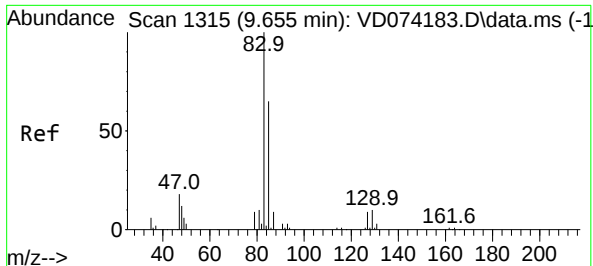
Ion Ratio Lower Upper

93 100

95 85.9 66.7 100.1

174 102.2 71.6 107.4





#47

Bromodichloromethane

Concen: 20.205 ug/l

RT: 9.649 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

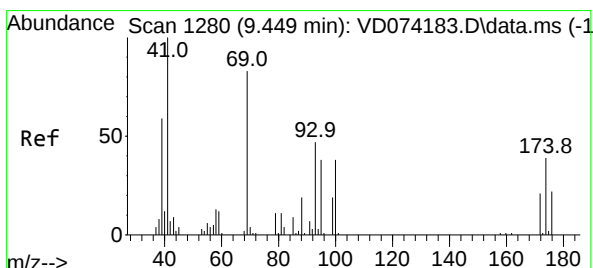
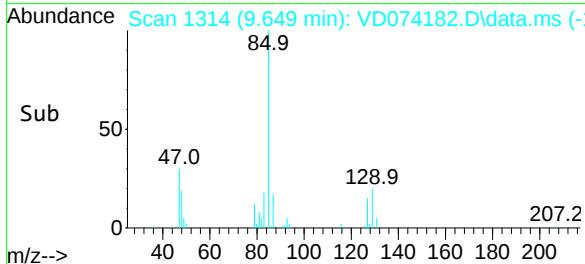
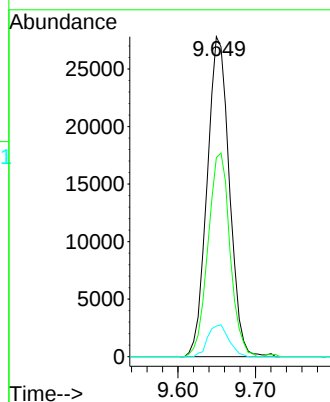
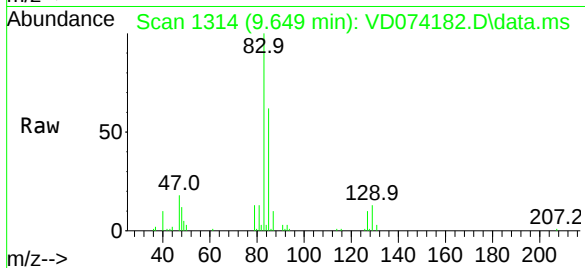
Tgt Ion: 83 Resp: 55351

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.0

127 9.5 6.1 9.1#



#48

Methyl methacrylate

Concen: 23.654 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

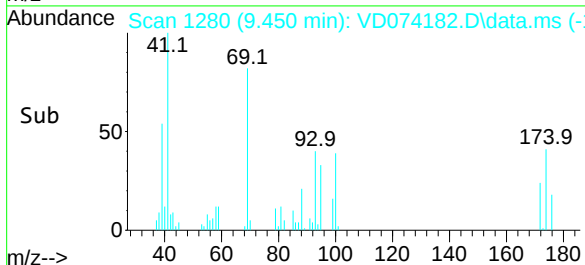
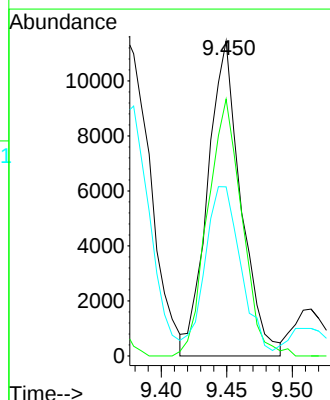
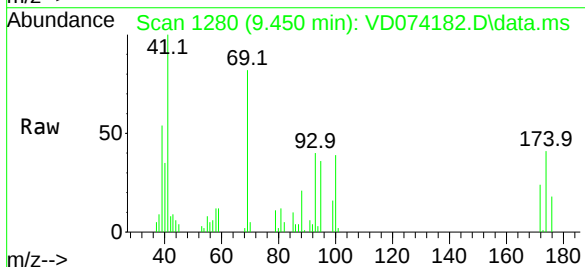
Tgt Ion: 41 Resp: 20189

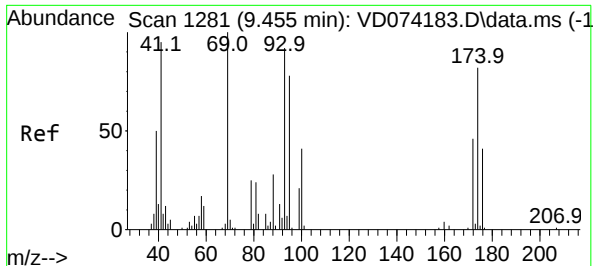
Ion Ratio Lower Upper

41 100

69 84.3 56.7 85.1

39 58.7 42.7 64.1





#49

1,4-Dioxane

Concen: 482.111 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

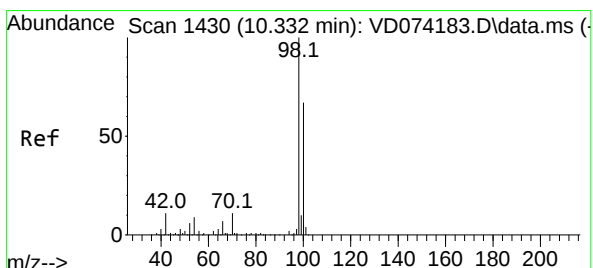
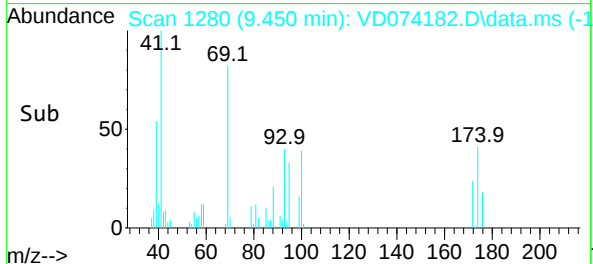
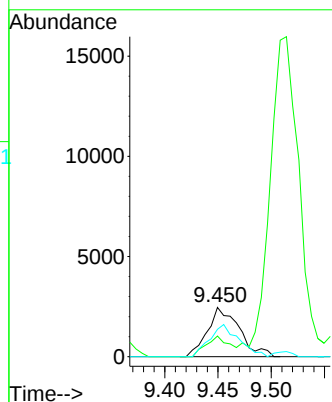
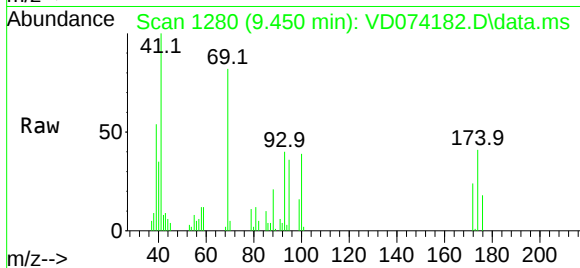
Tgt Ion: 88 Resp: 5090

Ion Ratio Lower Upper

88 100

43 31.1 31.0 46.4

58 60.0 58.1 87.1



#50

Toluene-d8

Concen: 22.932 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD074182.D

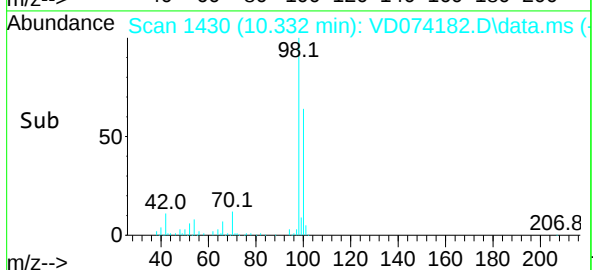
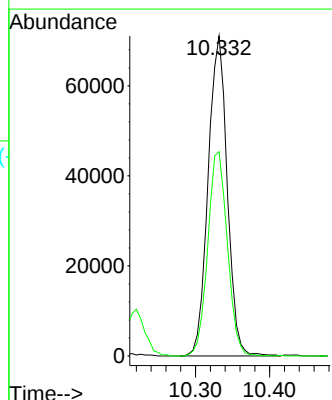
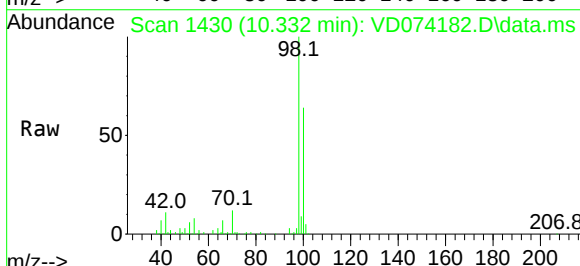
Acq: 23 Aug 2022 11:11

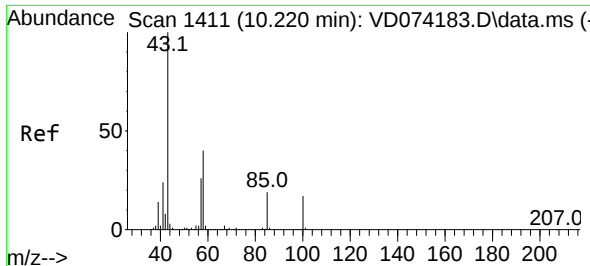
Tgt Ion: 98 Resp: 127085

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

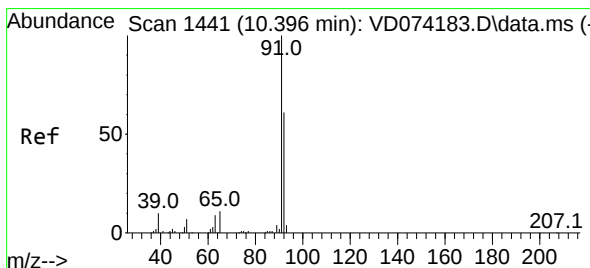
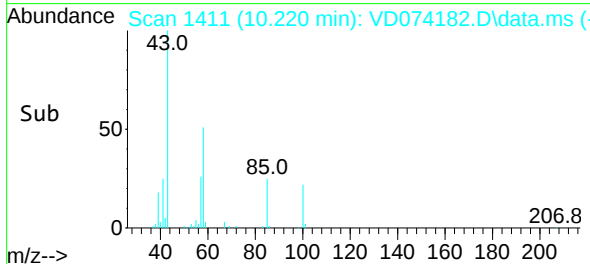
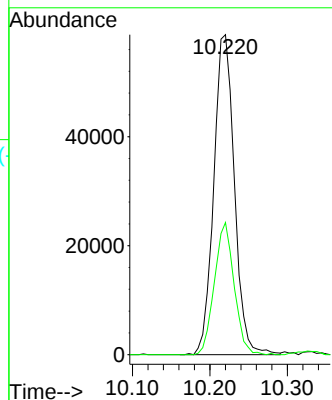
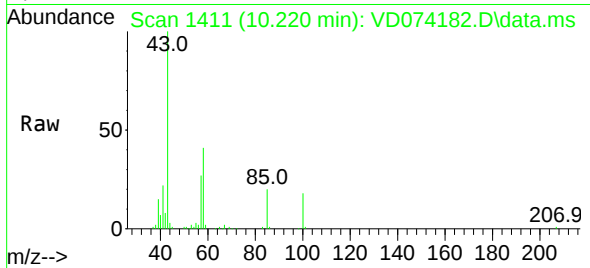




#51
4-Methyl-2-Pentanone
Concen: 115.635 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

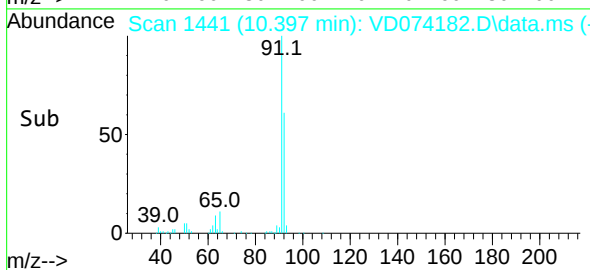
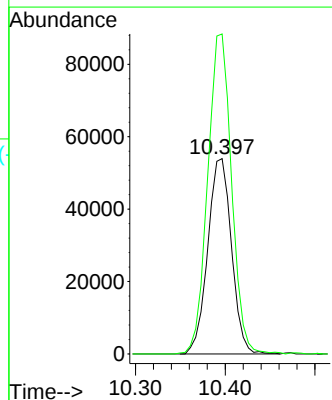
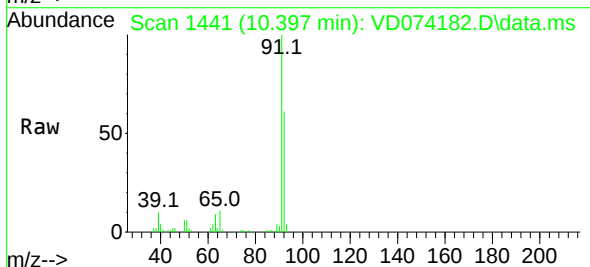
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

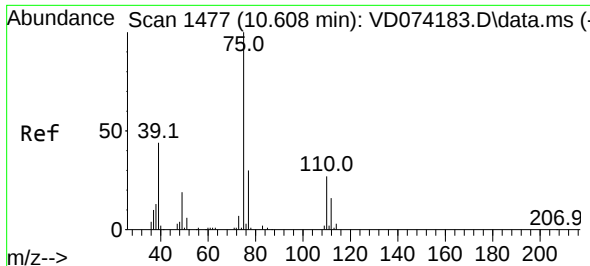
Tgt Ion: 43 Resp: 108838
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0



#52
Toluene
Concen: 21.358 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 92 Resp: 99112
Ion Ratio Lower Upper
92 100
91 164.7 139.6 209.4

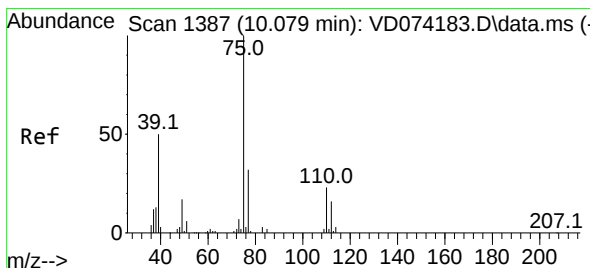
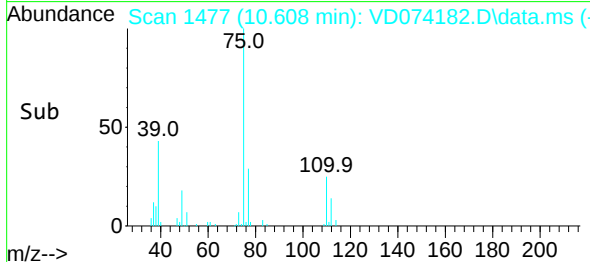
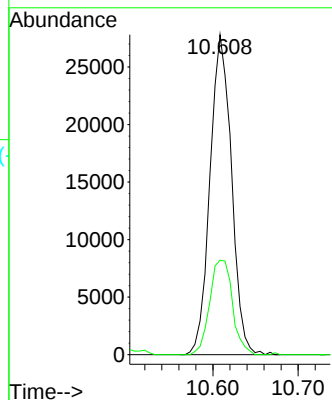
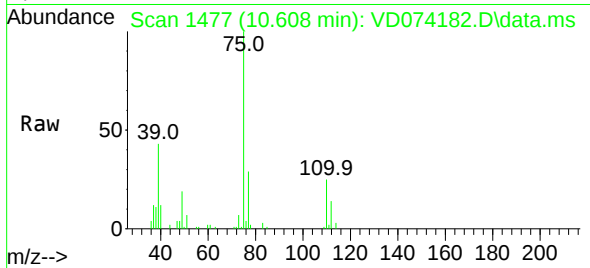




#53
t-1,3-Dichloropropene
Concen: 20.651 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

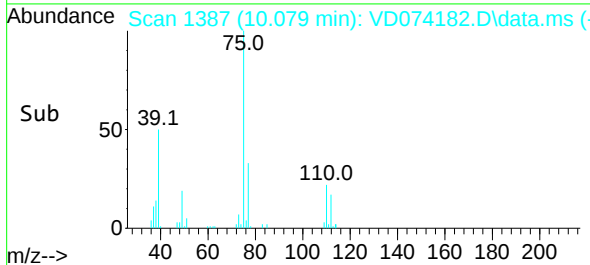
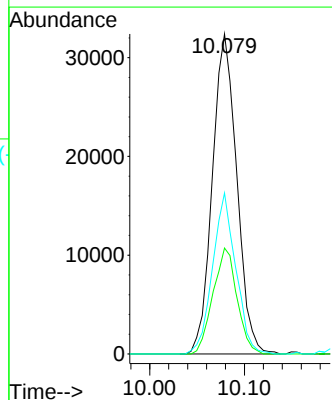
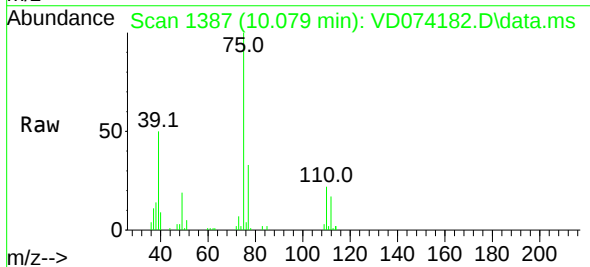
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

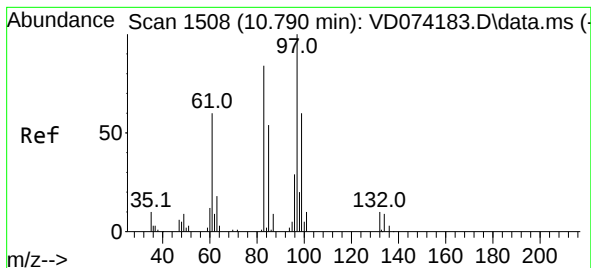
Tgt Ion: 75 Resp: 48772
Ion Ratio Lower Upper
75 100
77 29.5 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.081 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 75 Resp: 58091
Ion Ratio Lower Upper
75 100
77 33.1 24.8 37.2
39 50.3 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 20.958 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 29618

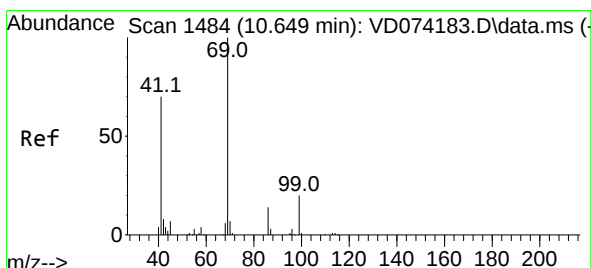
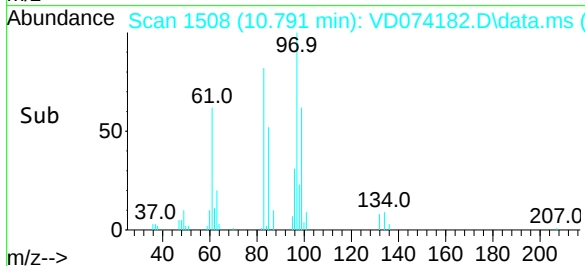
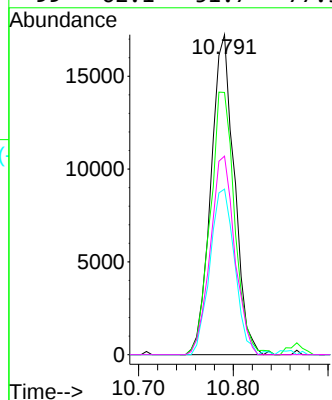
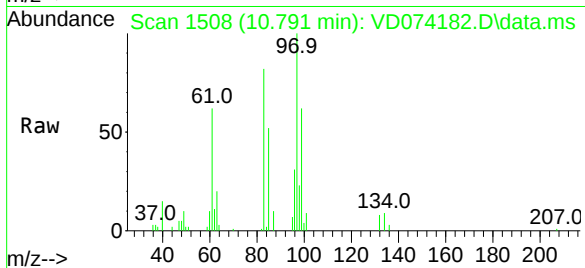
Ion Ratio Lower Upper

97 100

83 82.0 69.0 103.4

85 51.8 42.6 63.8

99 62.1 51.7 77.5



#56

Ethyl methacrylate

Concen: 22.105 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

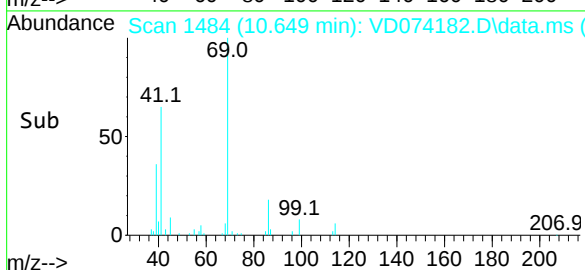
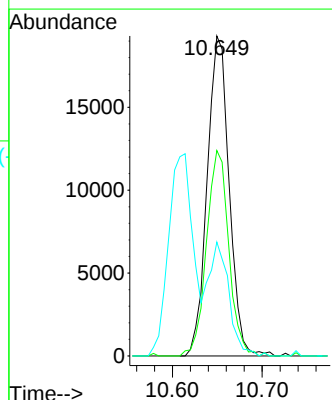
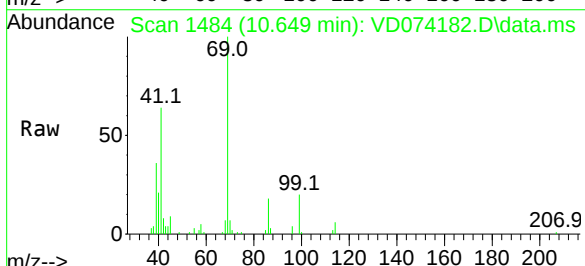
Tgt Ion: 69 Resp: 32838

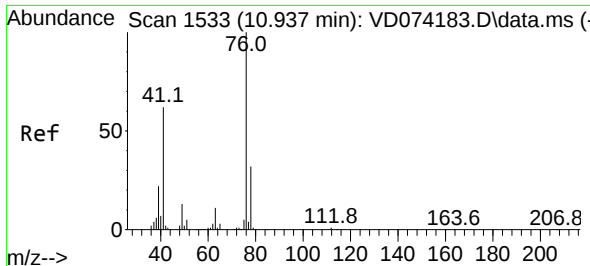
Ion Ratio Lower Upper

69 100

41 65.1 63.0 94.6

39 33.8 33.8 50.8#

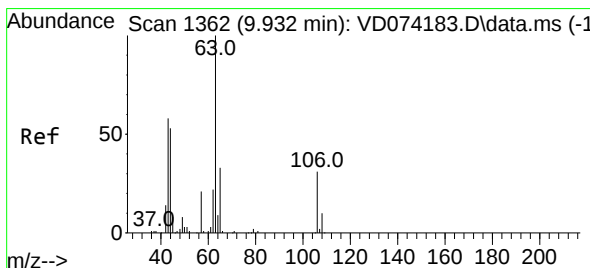
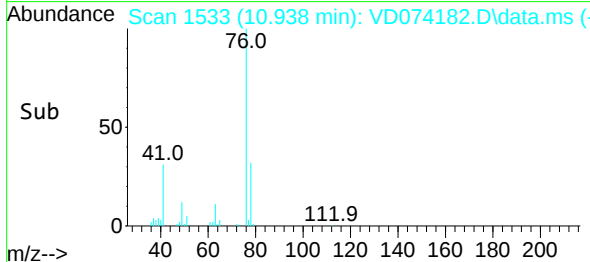
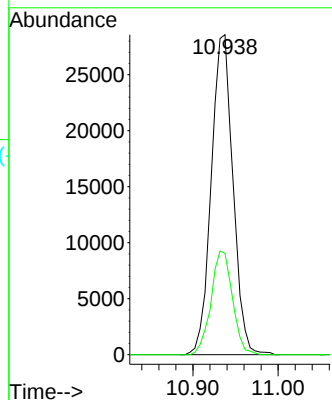
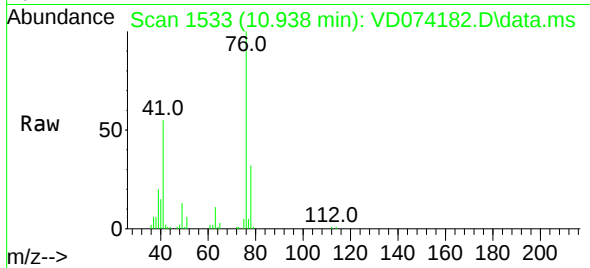




#57
1,3-Dichloropropane
Concen: 22.043 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

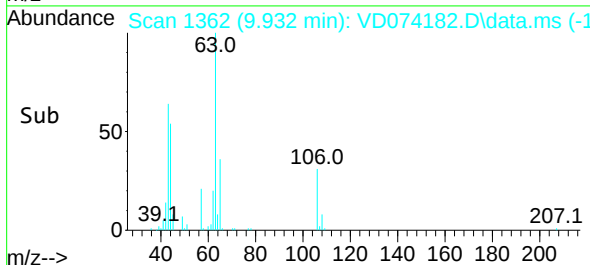
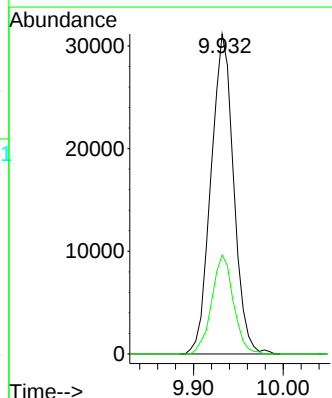
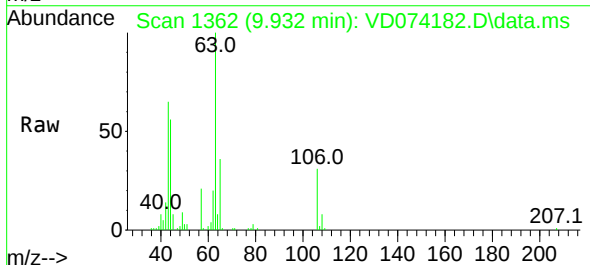
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

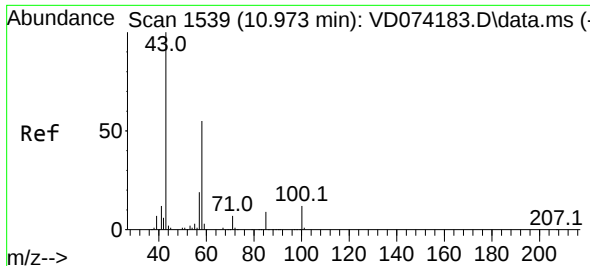
Tgt Ion: 76 Resp: 50430
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 103.361 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 63 Resp: 54610
Ion Ratio Lower Upper
63 100
106 29.6 21.4 32.0

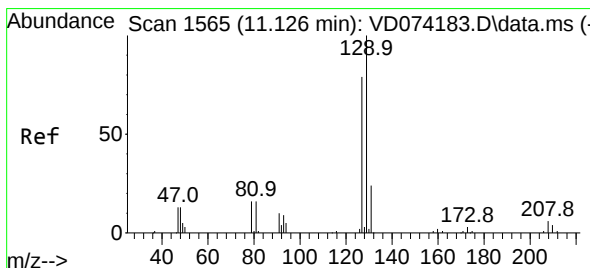
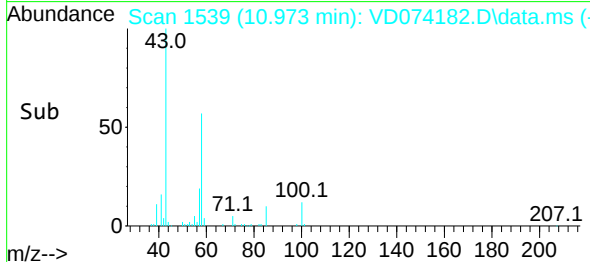
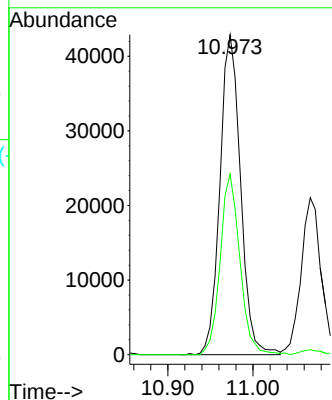
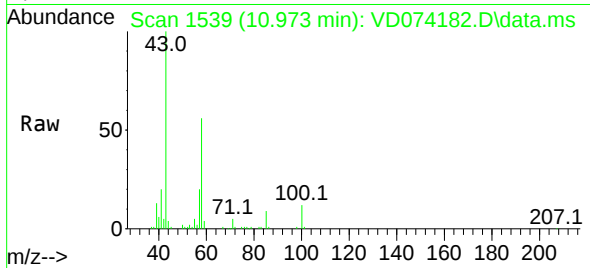




#59
2-Hexanone
Concen: 112.292 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

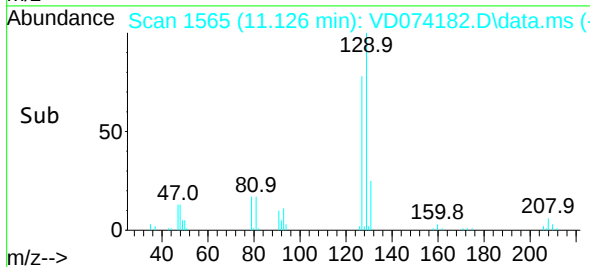
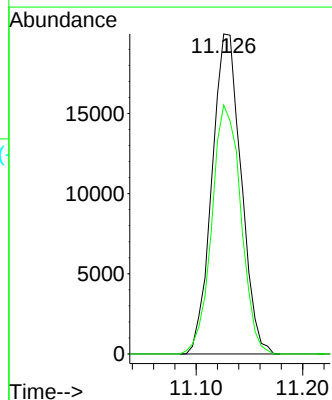
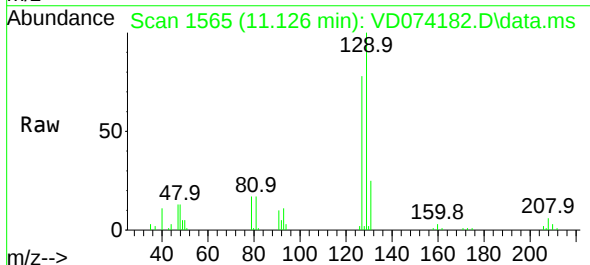
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

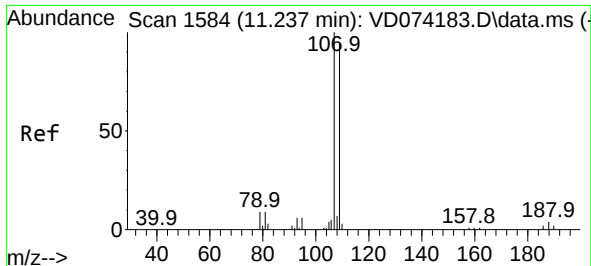
Tgt Ion: 43 Resp: 72187
Ion Ratio Lower Upper
43 100
58 53.9 25.3 75.9



#60
Dibromochloromethane
Concen: 19.848 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 129 Resp: 37893
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

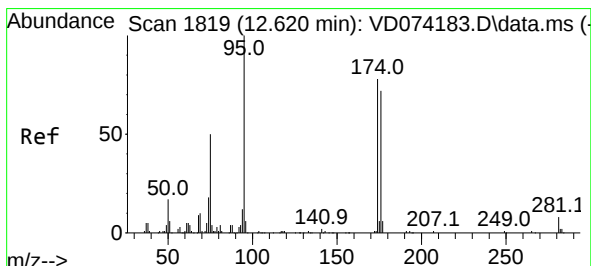
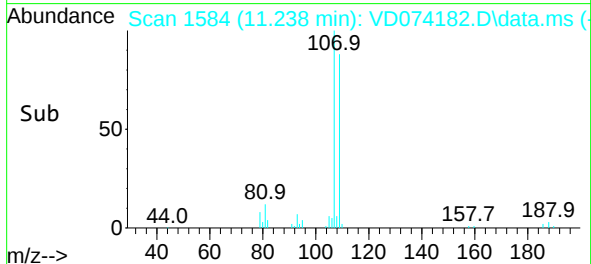
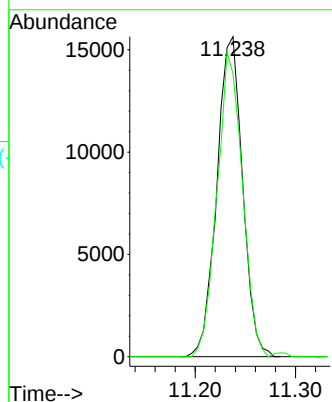
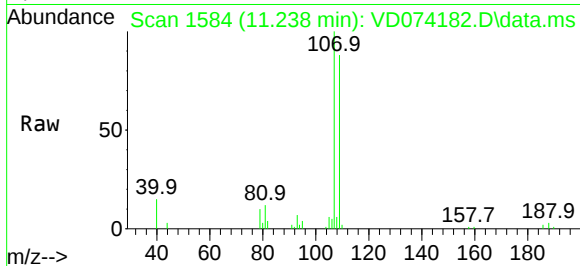




#61
1,2-Dibromoethane
Concen: 20.110 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

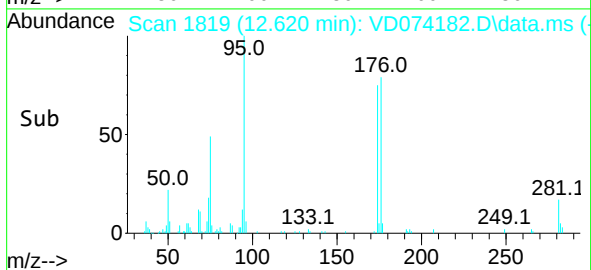
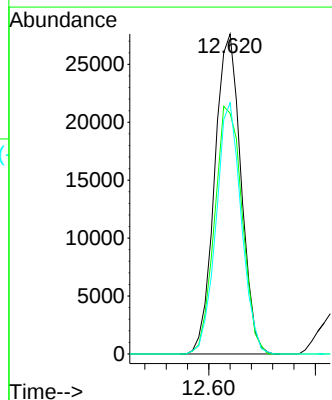
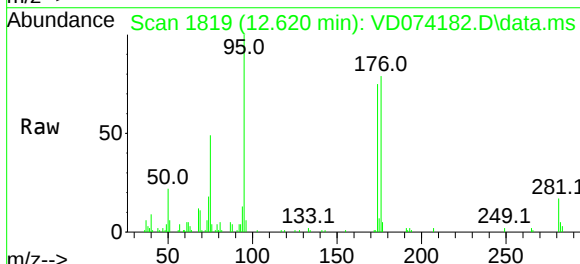
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

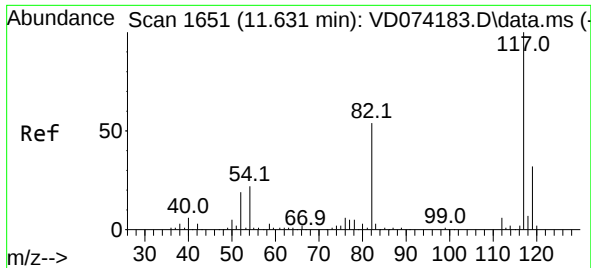
Tgt Ion:107 Resp: 27853
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 21.145 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 95 Resp: 47327
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.8
176 75.0 0.0 145.4

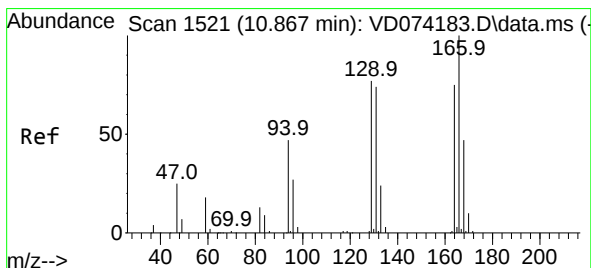
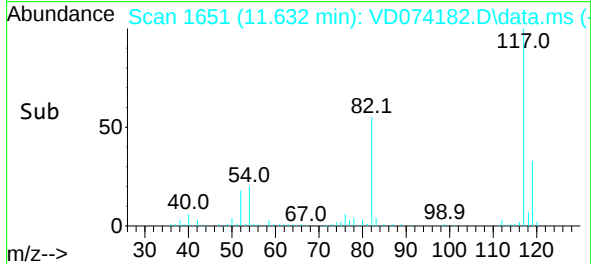
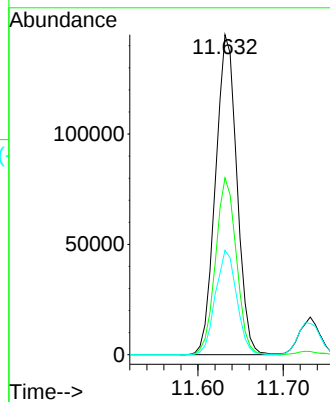
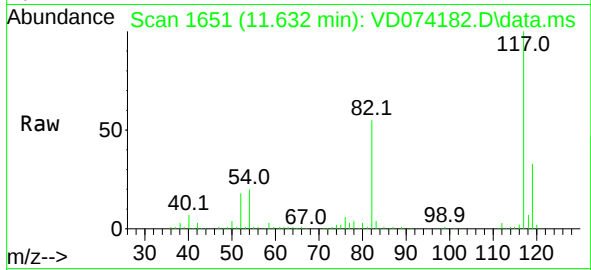




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

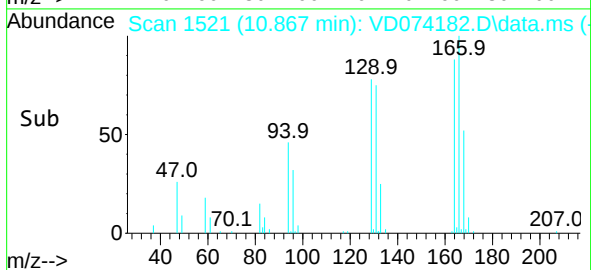
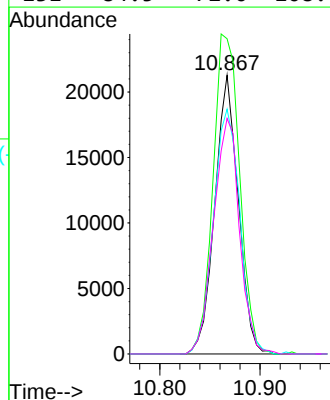
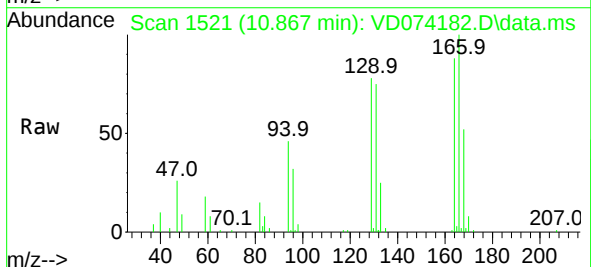
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

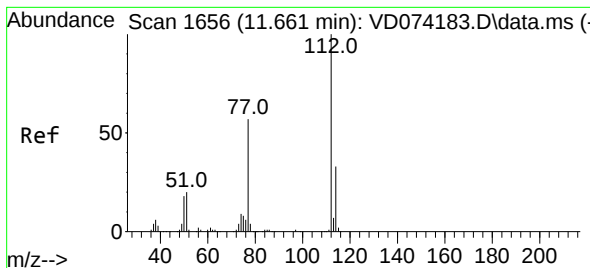
Tgt Ion:117 Resp: 253049
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.6 26.6 40.0



#64
Tetrachloroethene
Concen: 20.848 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion:164 Resp: 34678
Ion Ratio Lower Upper
164 100
166 113.1 98.5 147.7
129 87.8 74.6 111.8
131 84.5 72.0 108.0

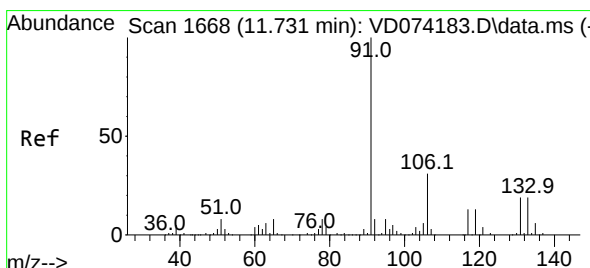
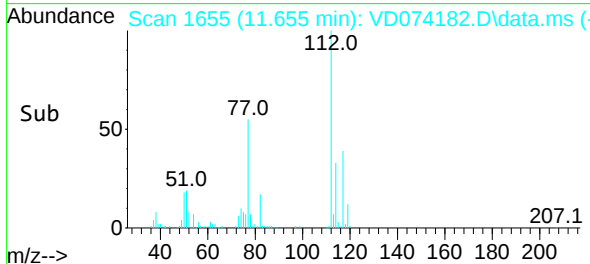
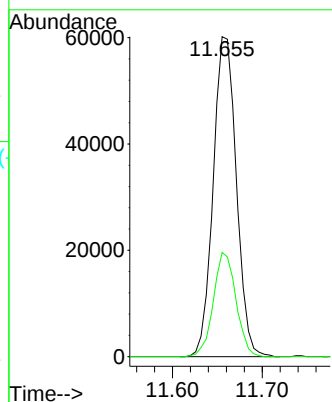
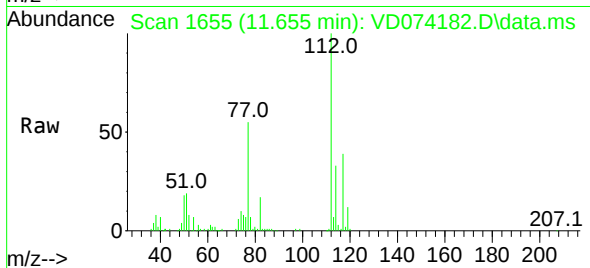




#65
Chlorobenzene
Concen: 21.123 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

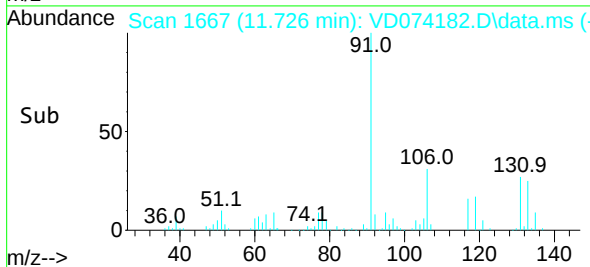
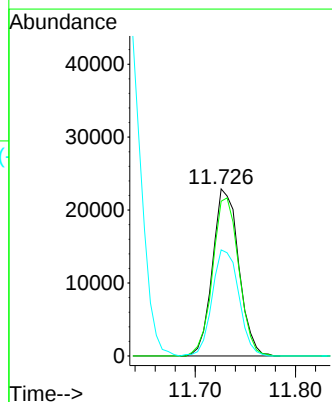
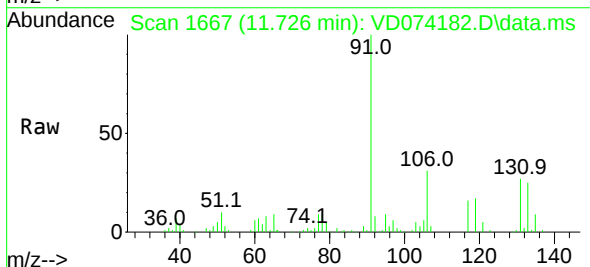
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

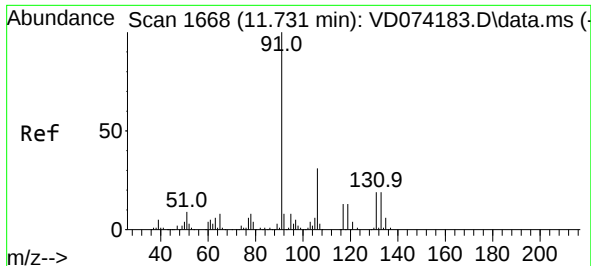
Tgt Ion:112 Resp: 107918
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.839 ug/l
RT: 11.726 min Scan# 1667
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion:131 Resp: 41562
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 64.6 31.9 95.9





#67

Ethyl Benzene

Concen: 20.640 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

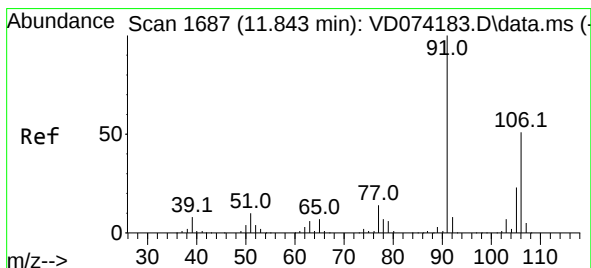
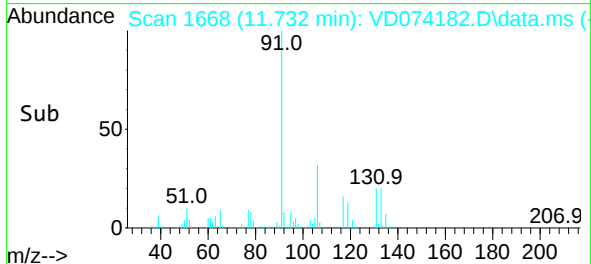
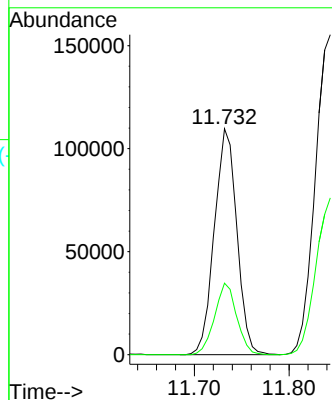
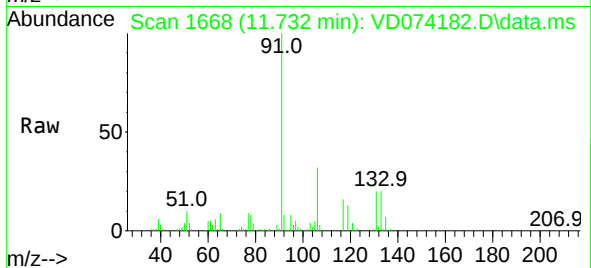
VSTDIC020

Tgt Ion: 91 Resp: 181081

Ion Ratio Lower Upper

91 100

106 31.6 24.2 36.4



#68

m/p-Xylenes

Concen: 41.046 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD074182.D

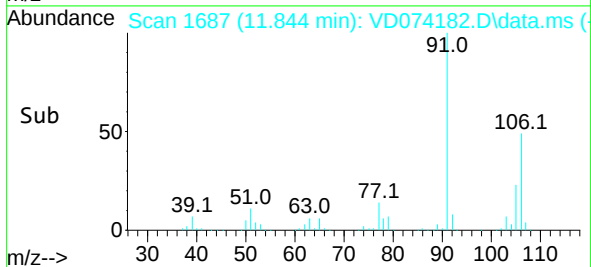
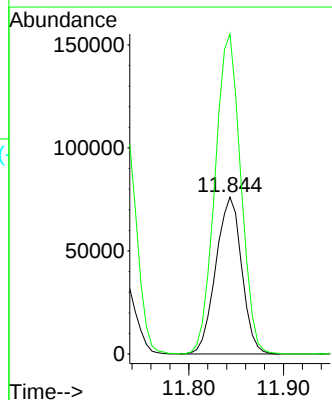
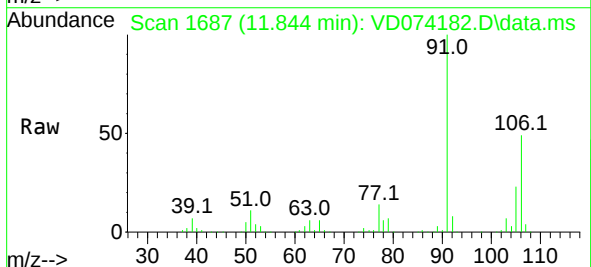
Acq: 23 Aug 2022 11:11

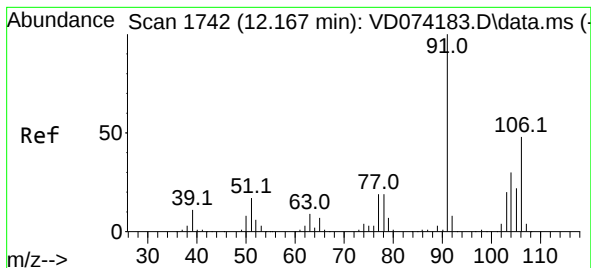
Tgt Ion:106 Resp: 144671

Ion Ratio Lower Upper

106 100

91 203.0 163.7 245.5





#69

o-Xylene

Concen: 20.662 ug/l

RT: 12.167 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

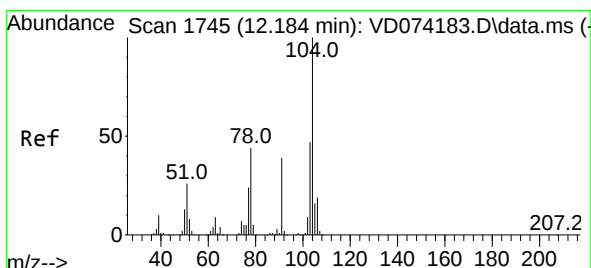
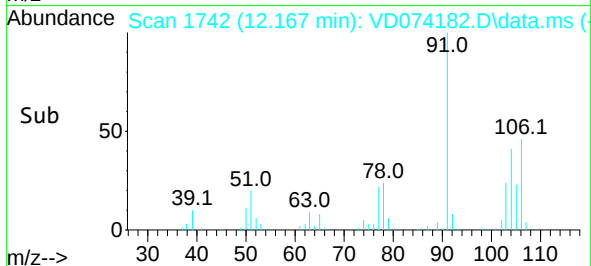
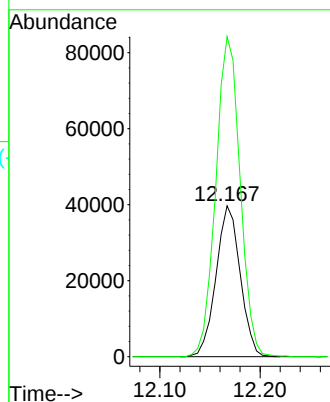
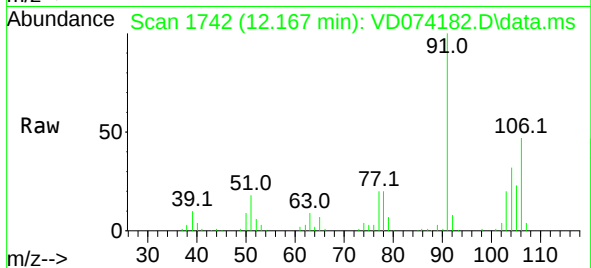
VSTDICC020

Tgt Ion:106 Resp: 66243

Ion Ratio Lower Upper

106 100

91 214.0 110.4 331.2



#70

Styrene

Concen: 20.963 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

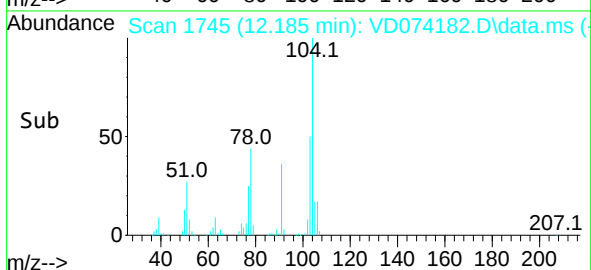
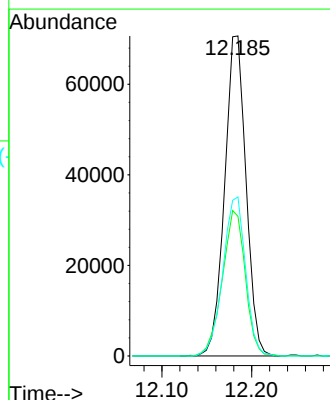
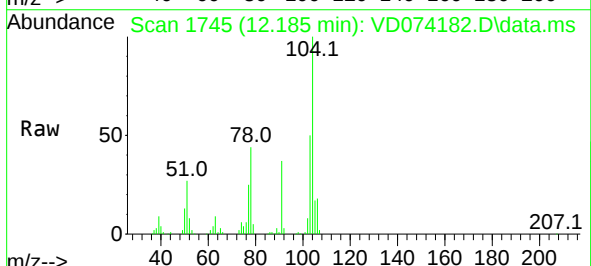
Tgt Ion:104 Resp: 117112

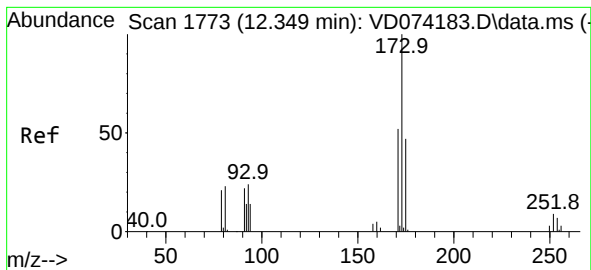
Ion Ratio Lower Upper

104 100

78 48.7 41.8 62.8

103 52.8 44.2 66.4





#71

Bromoform

Concen: 21.193 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

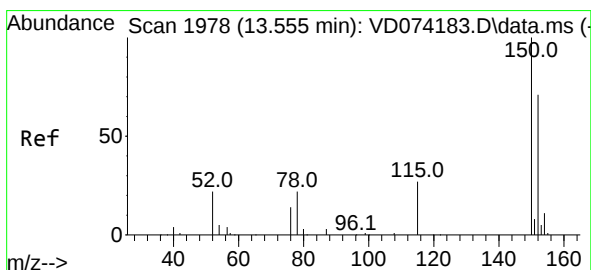
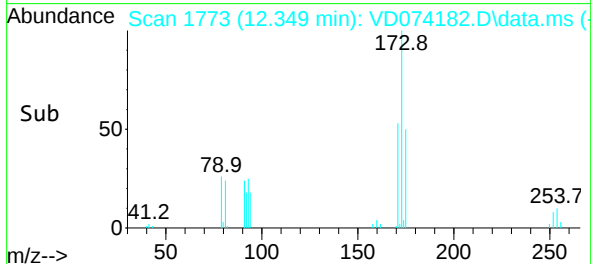
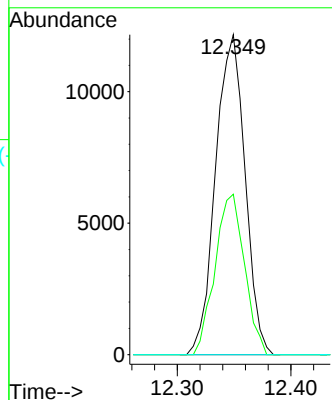
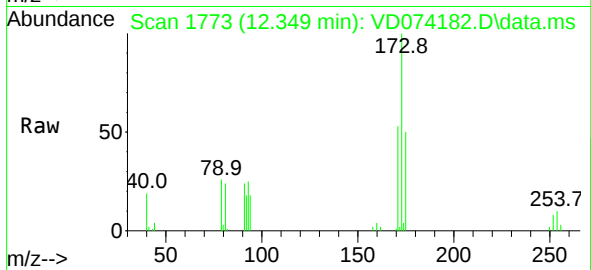
Tgt Ion:173 Resp: 21924

Ion Ratio Lower Upper

173 100

175 50.1 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. 0.006 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

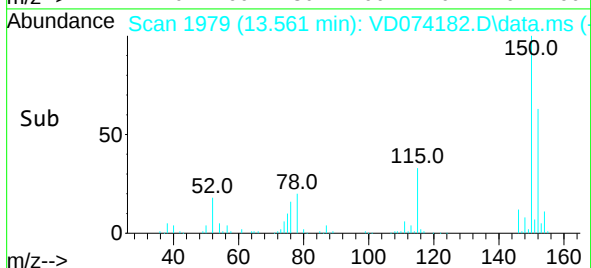
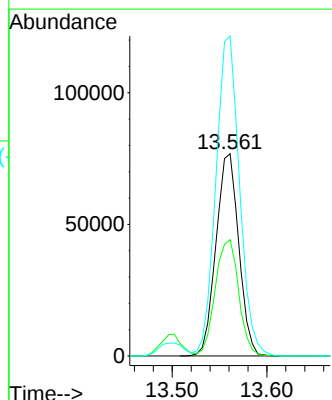
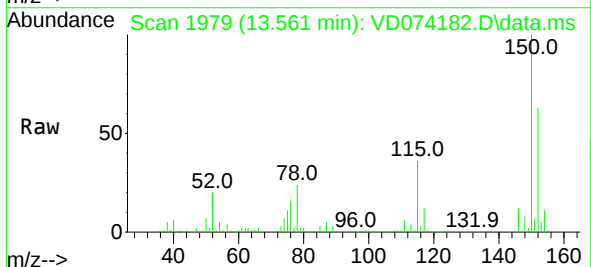
Tgt Ion:152 Resp: 128321

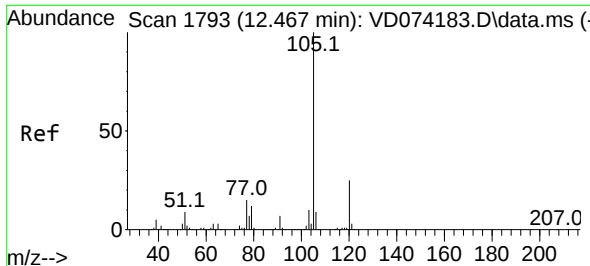
Ion Ratio Lower Upper

152 100

115 59.1 31.3 93.8

150 164.6 0.0 348.6

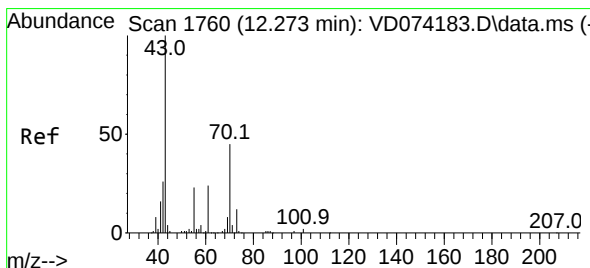
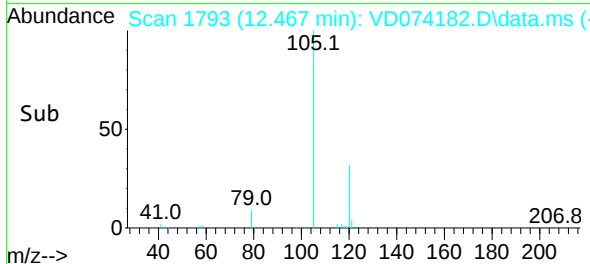
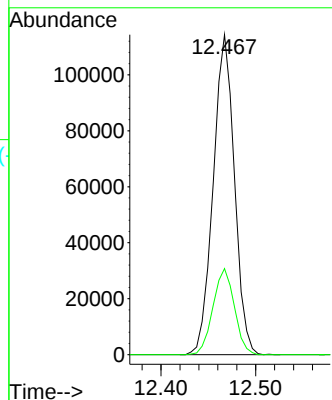
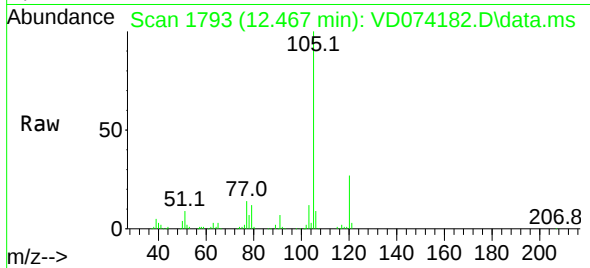




#73
Isopropylbenzene
Concen: 20.526 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

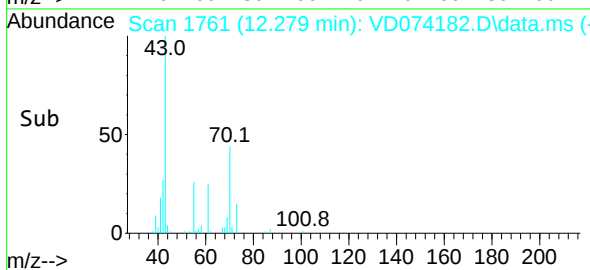
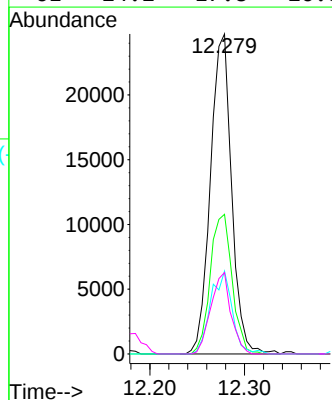
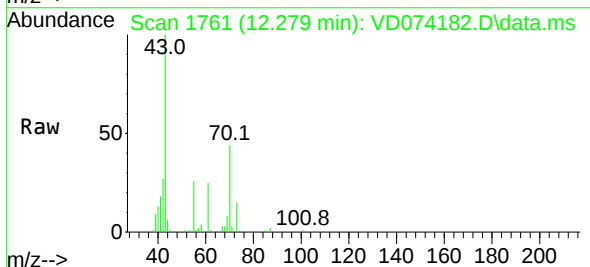
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

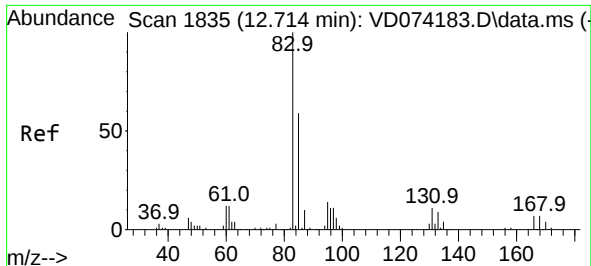
Tgt Ion:105 Resp: 177633
Ion Ratio Lower Upper
105 100
120 27.1 13.0 38.9



#74
N-ethyl acetate
Concen: 22.631 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 43 Resp: 38442
Ion Ratio Lower Upper
43 100
70 45.1 31.3 46.9
55 26.5 20.0 30.0
61 24.2 17.8 26.8

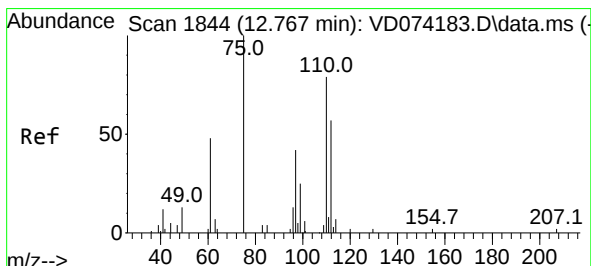
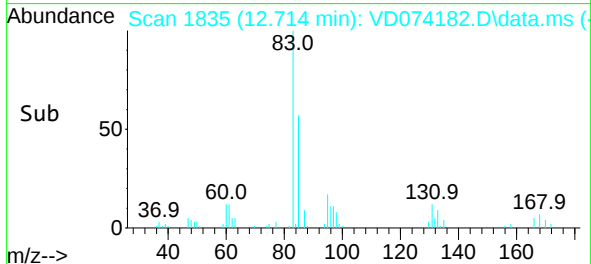
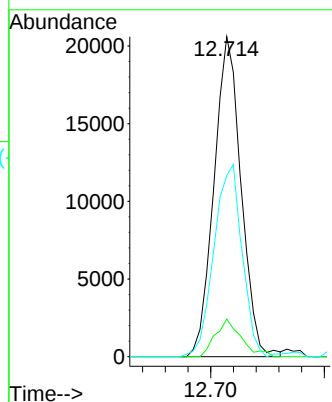
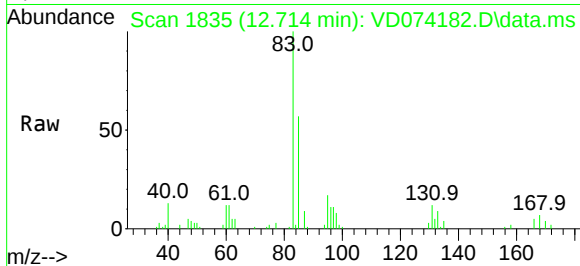




#75
1,1,2,2-Tetrachloroethane
Concen: 21.775 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

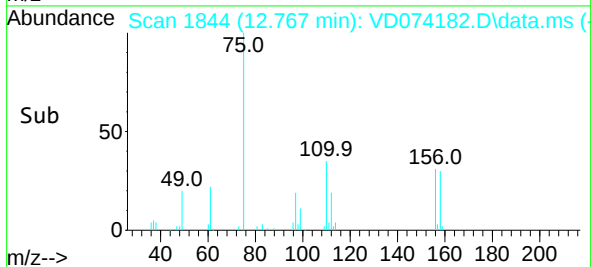
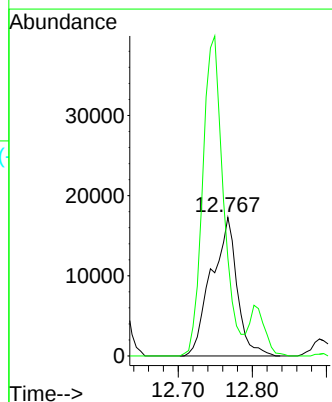
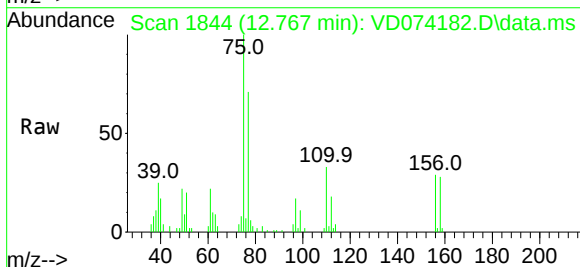
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

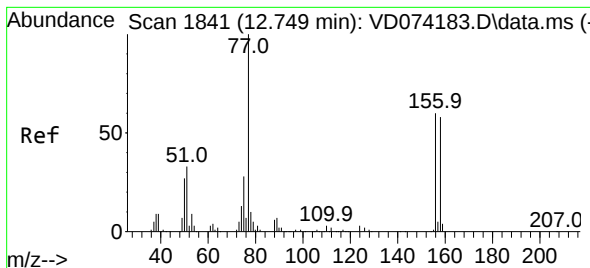
Tgt Ion: 83 Resp: 34135
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 62.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 34.806 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 75 Resp: 41579
Ion Ratio Lower Upper
75 100
77 184.9 0.0 0.0#





#77

Bromobenzene

Concen: 20.524 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

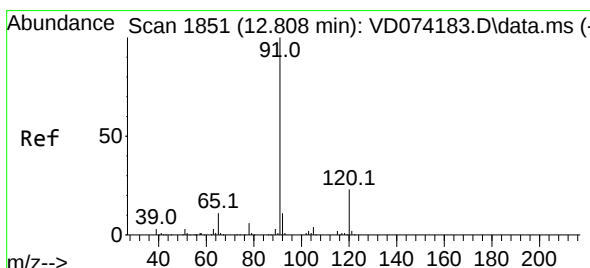
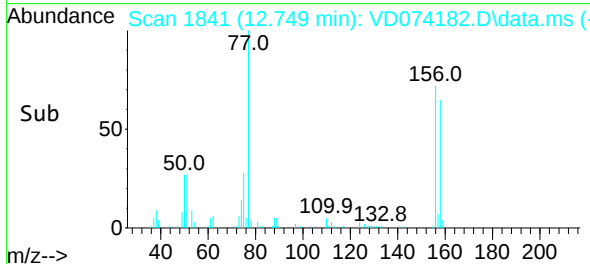
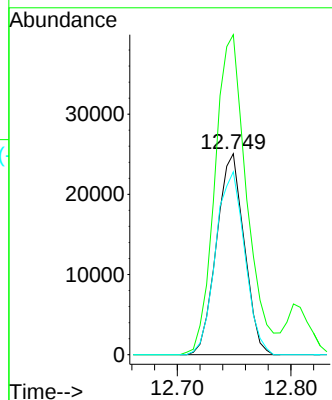
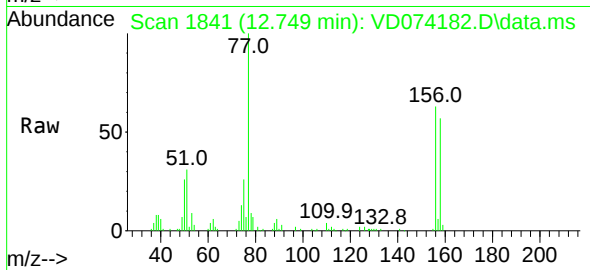
Tgt Ion:156 Resp: 42459

Ion Ratio Lower Upper

156 100

77 181.1 102.8 308.3

158 95.9 48.7 146.1



#78

n-propylbenzene

Concen: 20.642 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD074182.D

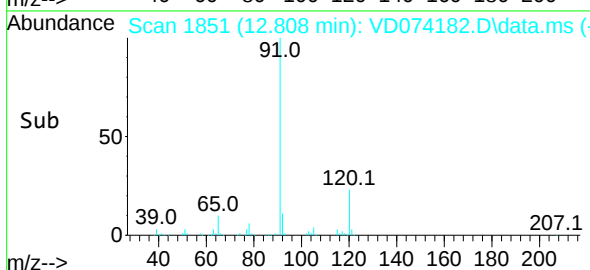
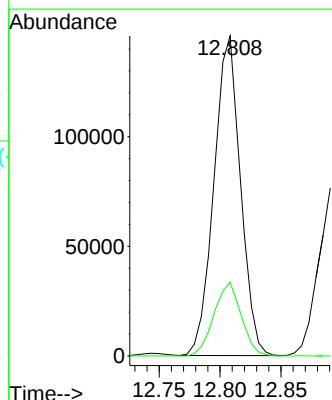
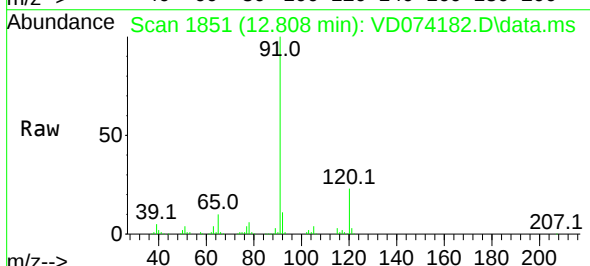
Acq: 23 Aug 2022 11:11

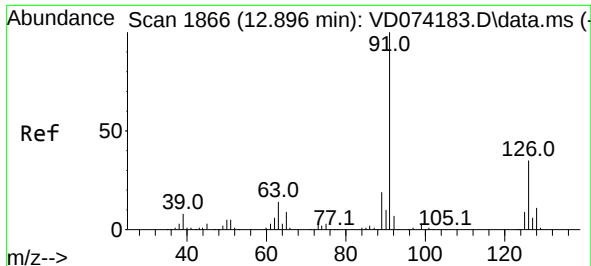
Tgt Ion: 91 Resp: 220942

Ion Ratio Lower Upper

91 100

120 23.6 10.9 32.9

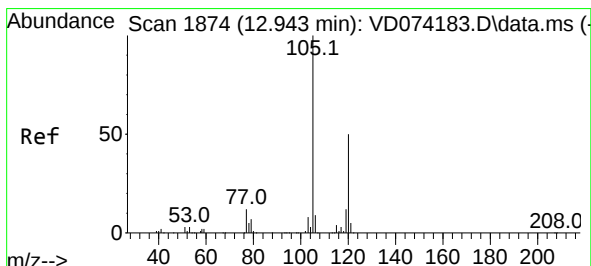
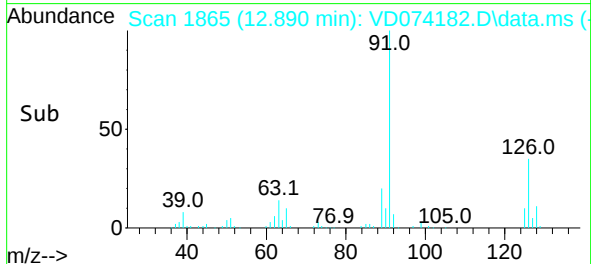
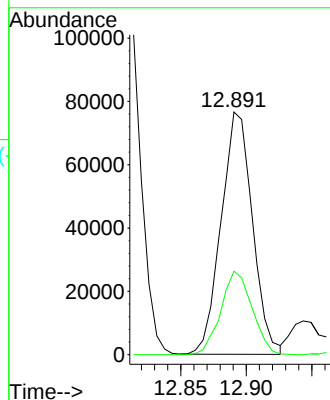
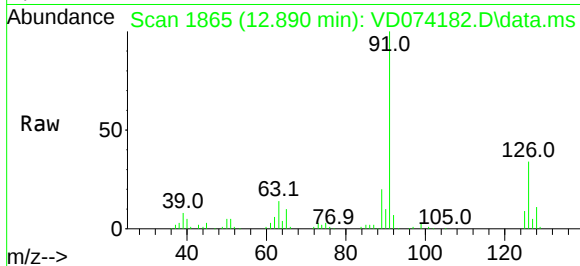




#79
2-Chlorotoluene
Concen: 20.906 ug/l
RT: 12.890 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

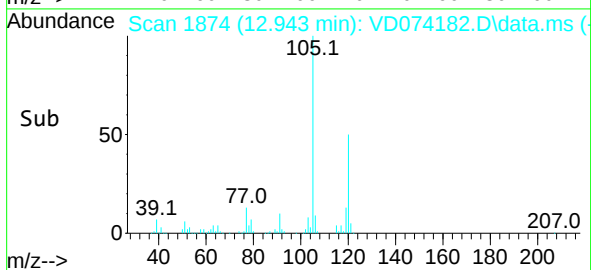
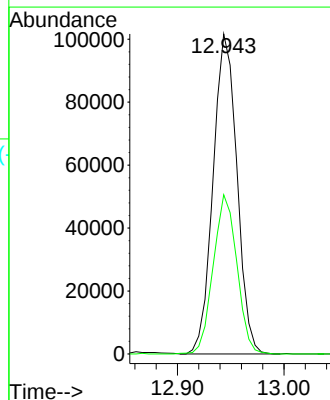
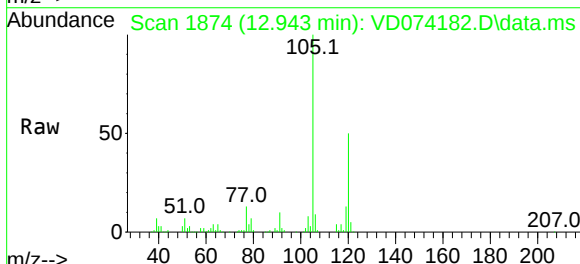
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

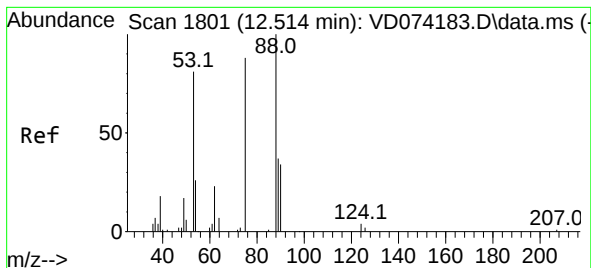
Tgt Ion: 91 Resp: 127421
Ion Ratio Lower Upper
91 100
126 34.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 21.400 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 105 Resp: 157912
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8

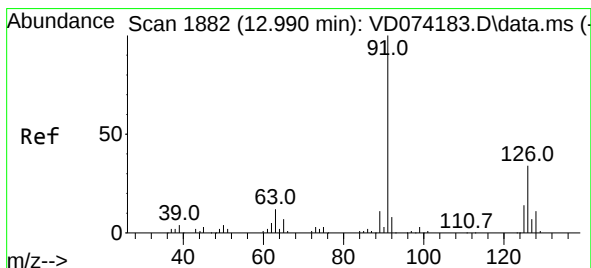
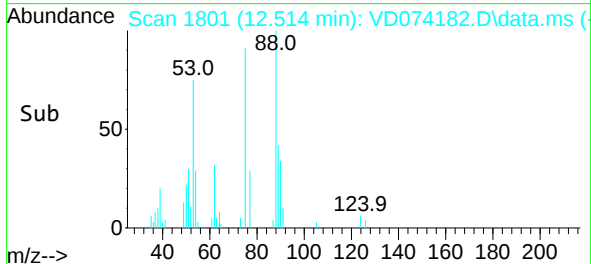
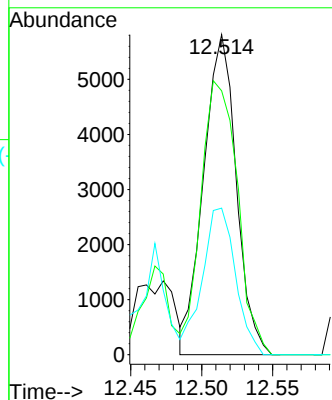
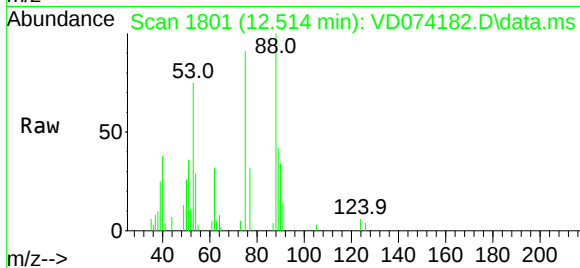




#81
trans-1,4-Dichloro-2-butene
Concen: 20.979 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

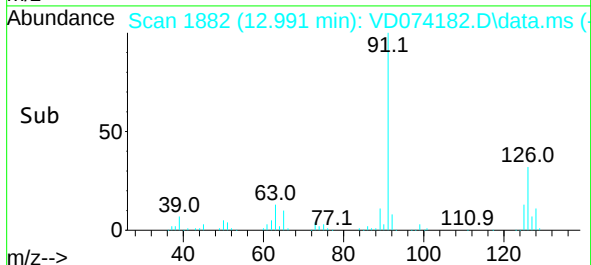
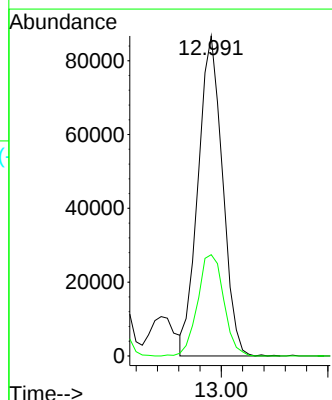
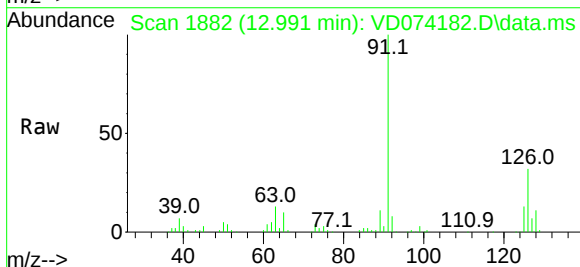
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

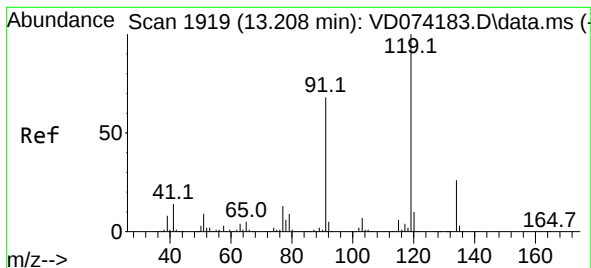
Tgt Ion: 75 Resp: 9302
Ion Ratio Lower Upper
75 100
53 95.2 86.5 129.7
89 46.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 21.402 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 91 Resp: 137930
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83

tert-Butylbenzene

Concen: 21.133 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

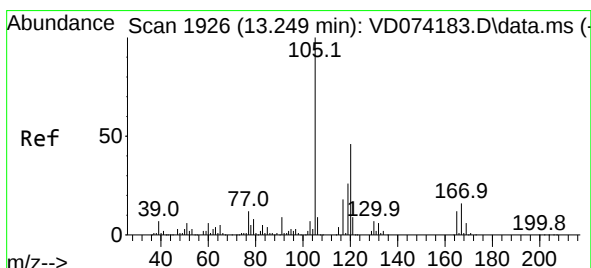
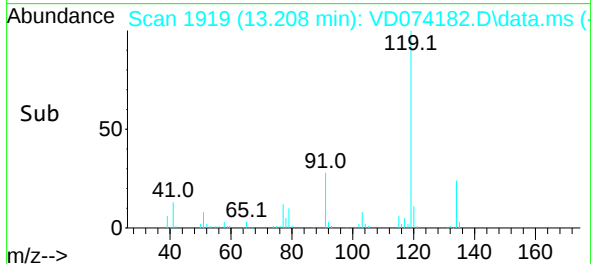
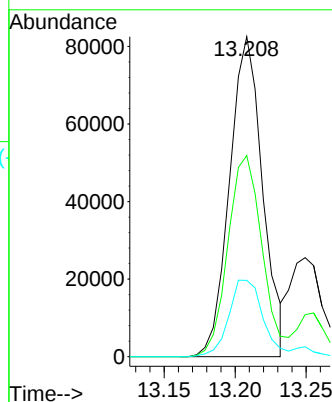
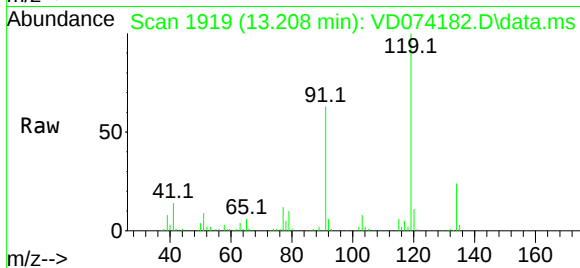
Tgt Ion:119 Resp: 133638

Ion Ratio Lower Upper

119 100

91 65.5 34.8 104.5

134 24.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.845 ug/l

RT: 13.249 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VD074182.D

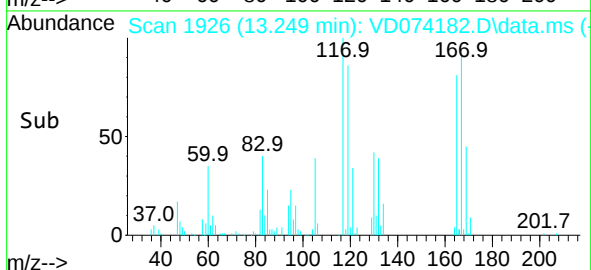
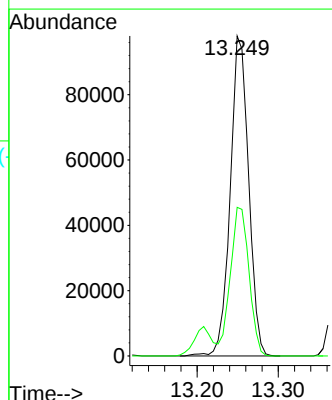
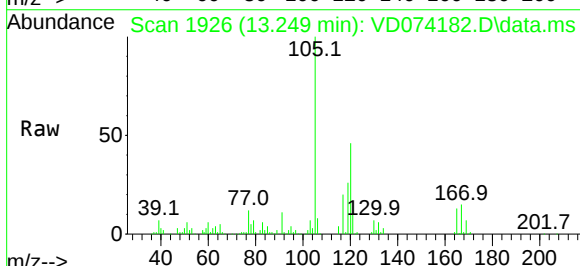
Acq: 23 Aug 2022 11:11

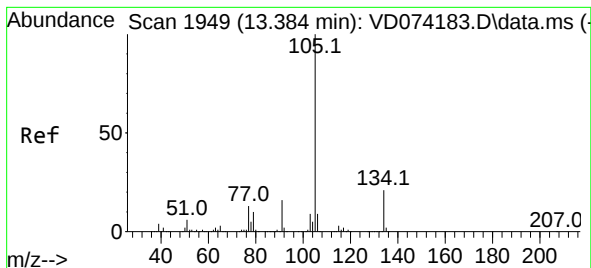
Tgt Ion:105 Resp: 153820

Ion Ratio Lower Upper

105 100

120 47.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.779 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

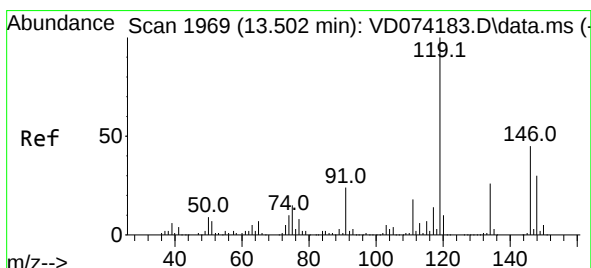
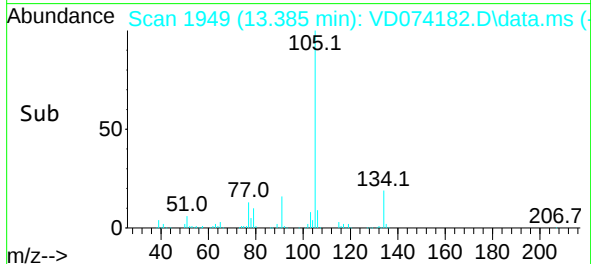
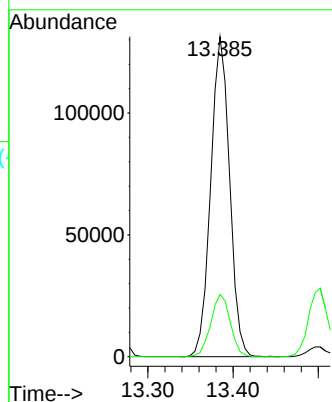
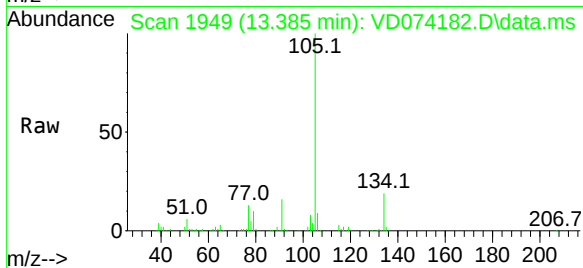
VSTDIC020

Tgt Ion:105 Resp: 201963

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.741 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

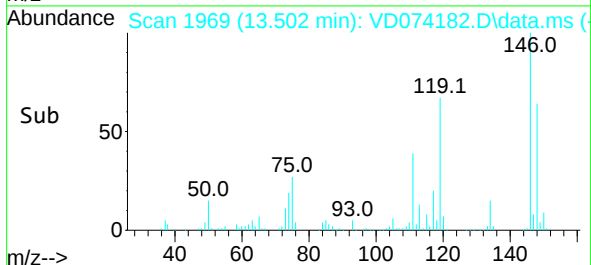
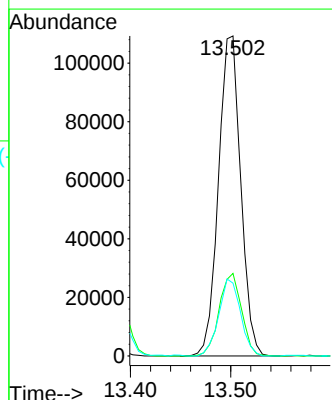
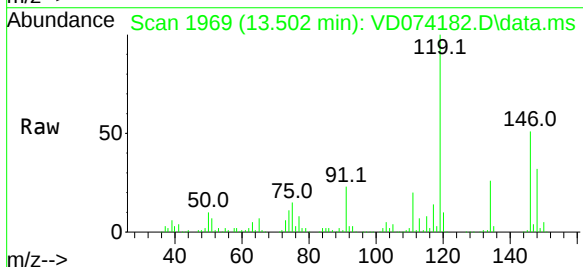
Tgt Ion:119 Resp: 168233

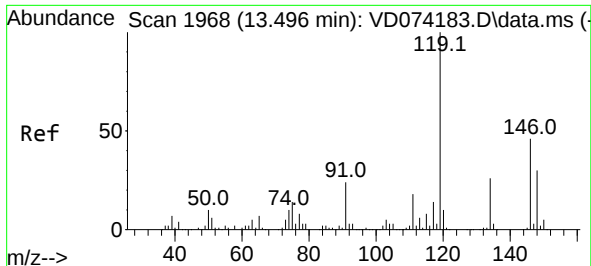
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.6 12.1 36.3

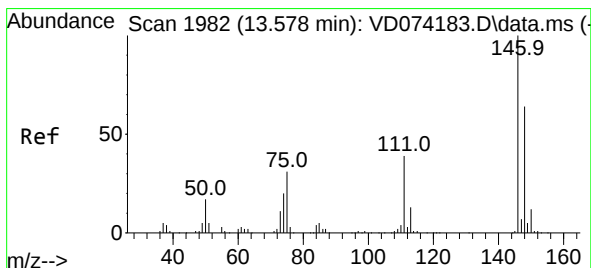
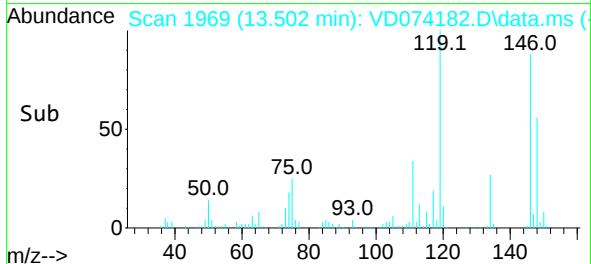
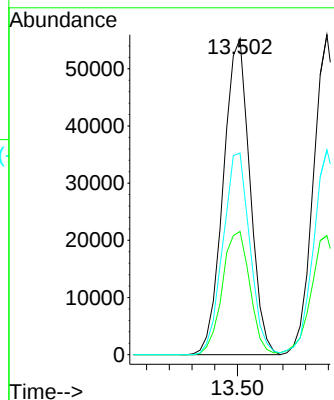
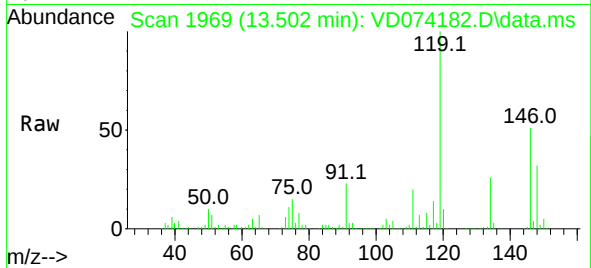




#87
 1,3-Dichlorobenzene
 Concen: 20.576 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

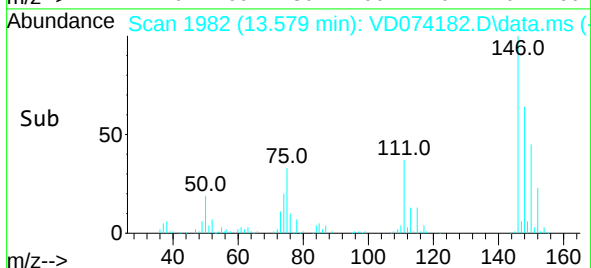
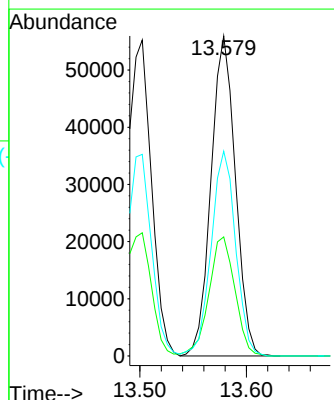
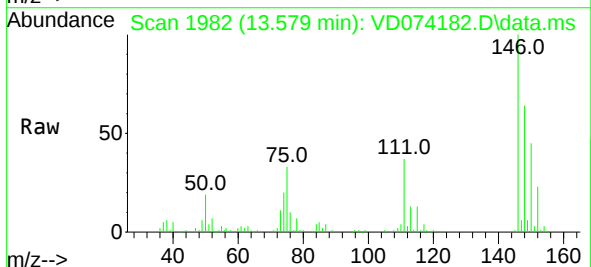
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

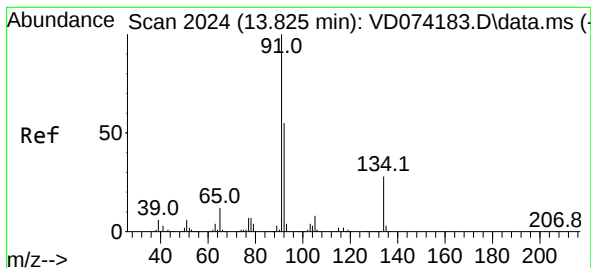
Tgt Ion:146 Resp: 89928
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.3
 148 64.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.442 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

Tgt Ion:146 Resp: 89116
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.9
 148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 20.140 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

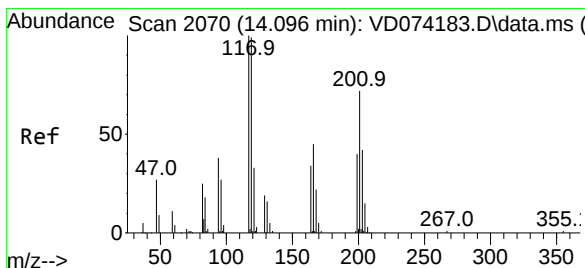
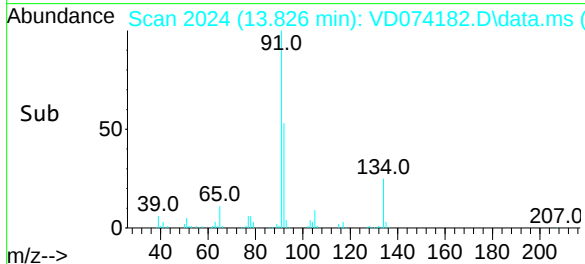
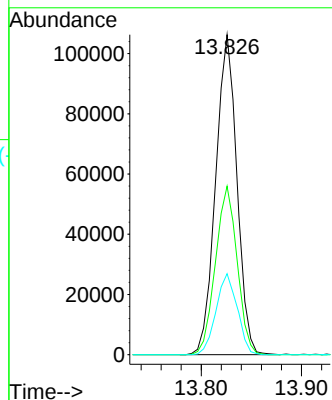
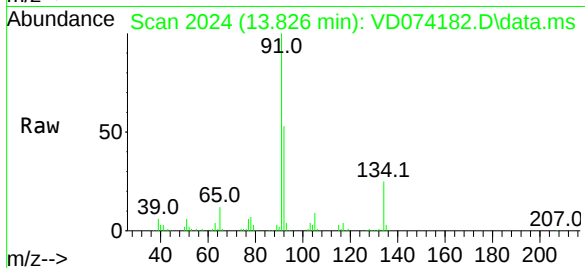
Tgt Ion: 91 Resp: 156132

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 25.2 12.3 36.9



#90

Hexachloroethane

Concen: 20.309 ug/l

RT: 14.090 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VD074182.D

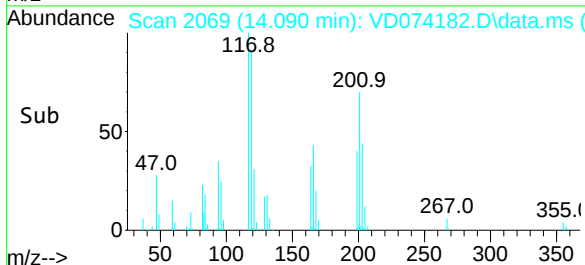
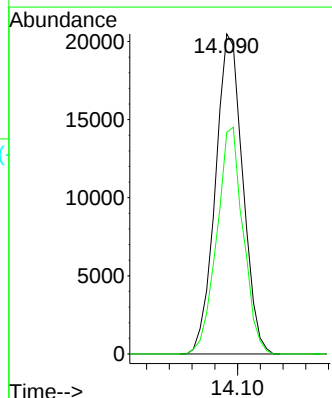
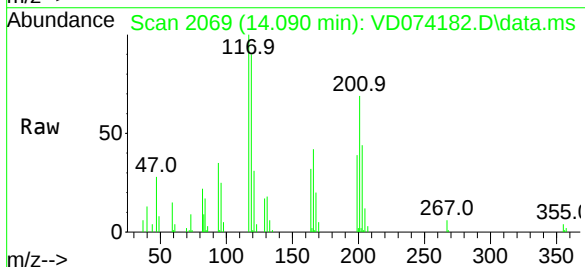
Acq: 23 Aug 2022 11:11

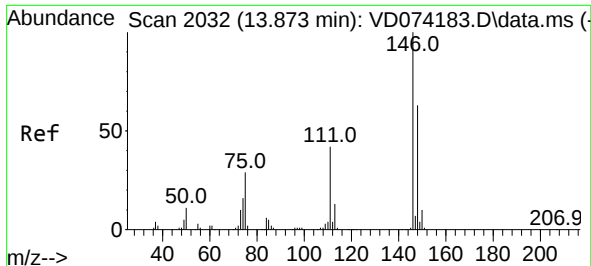
Tgt Ion: 117 Resp: 34212

Ion Ratio Lower Upper

117 100

201 68.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 19.883 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

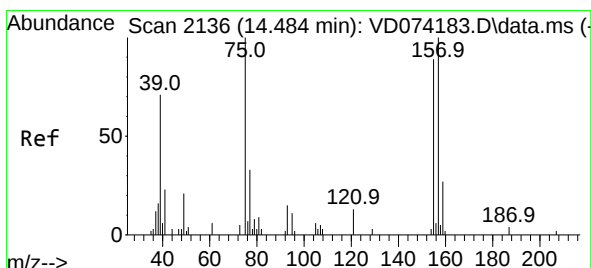
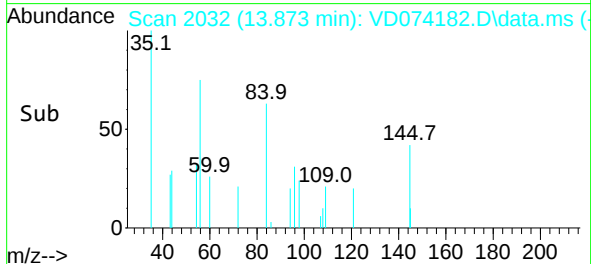
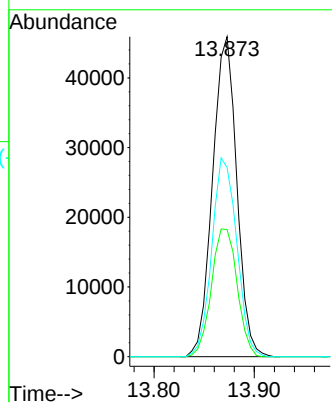
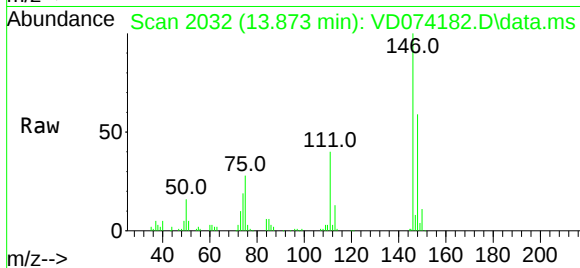
Tgt Ion:146 Resp: 77061

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.3

148 64.2 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.907 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VD074182.D

Acq: 23 Aug 2022 11:11

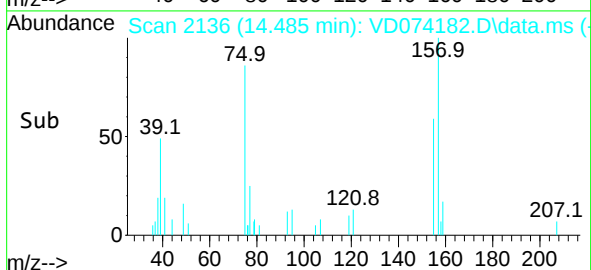
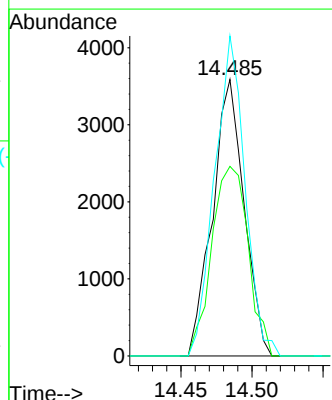
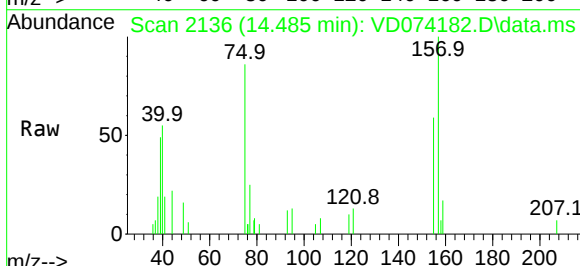
Tgt Ion: 75 Resp: 5548

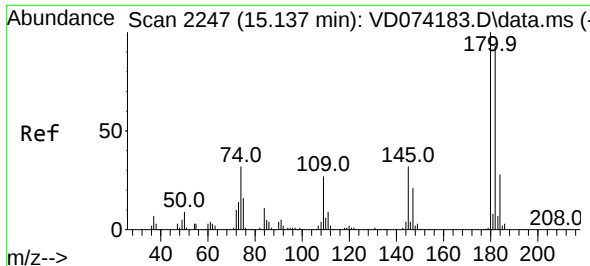
Ion Ratio Lower Upper

75 100

155 79.0 36.8 110.3

157 111.2 48.4 145.0

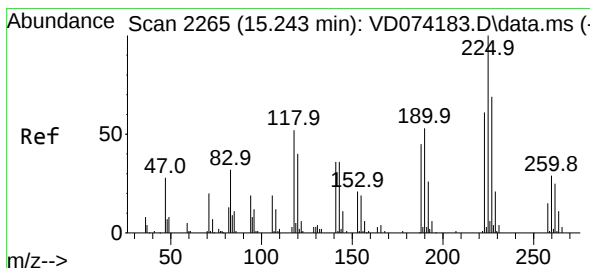
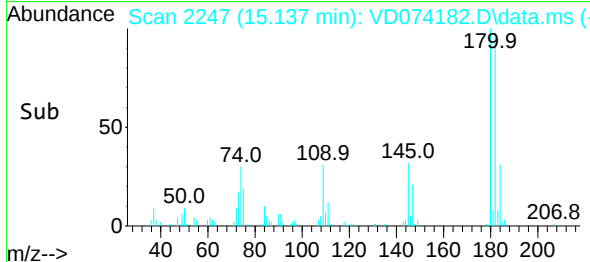
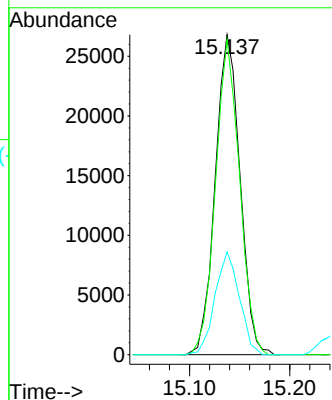
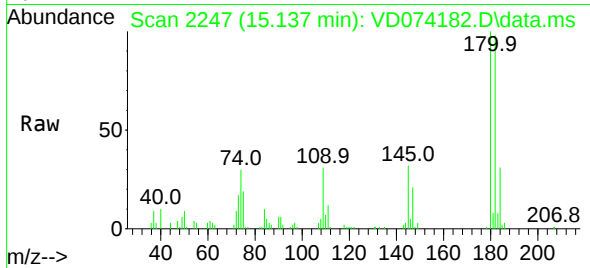




#93
 1,2,4-Trichlorobenzene
 Concen: 18.791 ug/l
 RT: 15.137 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

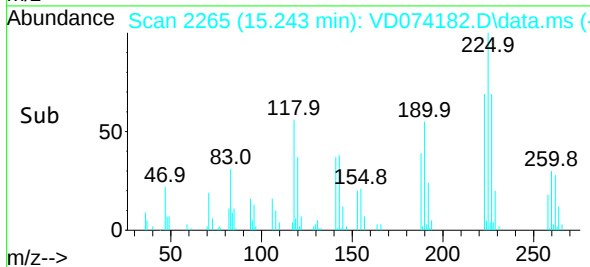
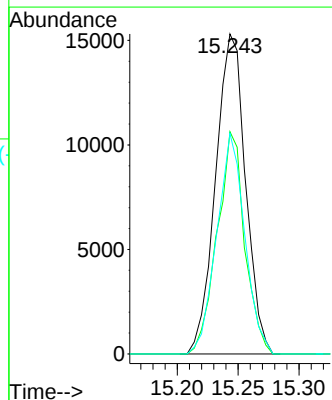
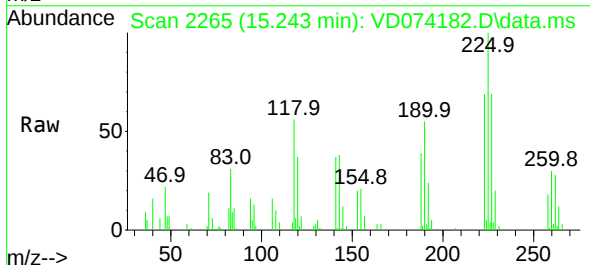
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

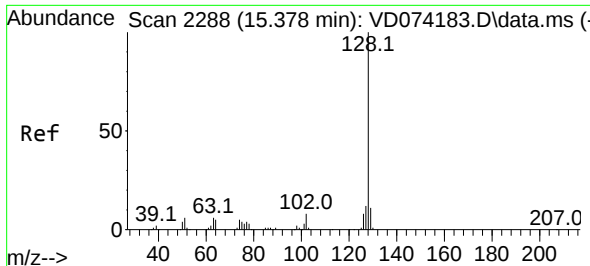
Tgt Ion:180 Resp: 45913
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 31.6 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 18.153 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD074182.D
 Acq: 23 Aug 2022 11:11

Tgt Ion:225 Resp: 26215
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.2
 227 64.5 32.4 97.0

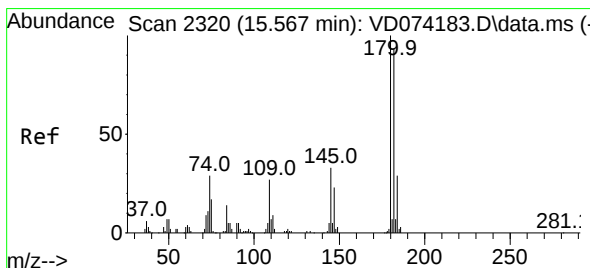
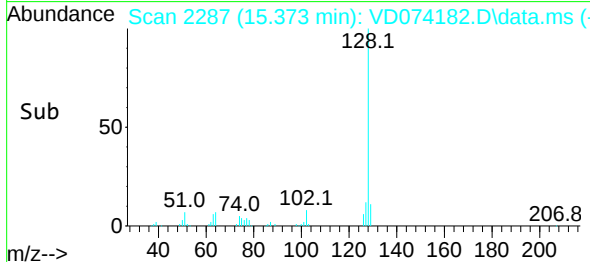
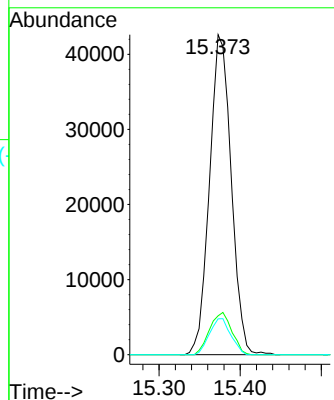
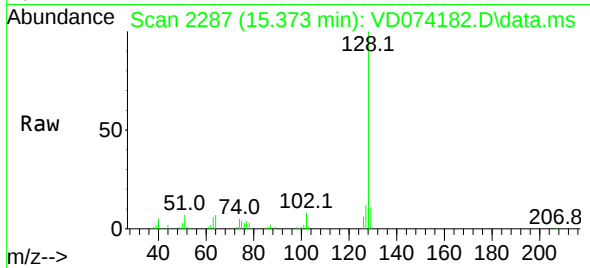




#95
Naphthalene
Concen: 18.808 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	79130
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	11.1	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.400 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VD074182.D
Acq: 23 Aug 2022 11:11

Tgt Ion:	180	Resp:	41765
Ion Ratio	Lower	Upper	
180	100		
182	89.4	47.6	142.9
145	35.9	17.1	51.3

