

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074580.D
 Acq On : 19 Oct 2022 15:22
 Operator : VA/SY
 Sample : VSTDICV50
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101922

Quant Time: Oct 20 06:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	103964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	174819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	35750	45.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.080%
35) Dibromofluoromethane	7.805	113	44237	45.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.160%
50) Toluene-d8	10.269	98	162647	46.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.575	95	43171	42.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	40580	50.286	ug/l	91
3) Chloromethane	2.146	50	48386	44.293	ug/l	94
4) Vinyl Chloride	2.281	62	59126	48.944	ug/l	99
5) Bromomethane	2.687	94	44324	48.450	ug/l	100
6) Chloroethane	2.834	64	40045	48.214	ug/l	98
7) Trichlorofluoromethane	3.169	101	84103	49.115	ug/l	97
8) Diethyl Ether	3.587	74	25346	51.111	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	55350	50.124	ug/l	100
10) Methyl Iodide	4.164	142	67361	47.101	ug/l	99
11) Tert butyl alcohol	5.052	59	19131	256.987	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	54724	49.546	ug/l	91
13) Acrolein	3.793	56	19293	226.946	ug/l	99
14) Allyl chloride	4.558	41	62327	52.254	ug/l	99
15) Acrylonitrile	5.252	53	51836	255.762	ug/l	100
16) Acetone	4.016	43	48829	281.713	ug/l	98
17) Carbon Disulfide	4.269	76	142842	47.262	ug/l	99
18) Methyl Acetate	4.558	43	23047	49.285	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	113532	52.603	ug/l	98
20) Methylene Chloride	4.799	84	67371	50.739	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	59634	48.434	ug/l	86
22) Diisopropyl ether	6.210	45	128889	53.550	ug/l	95
23) Vinyl Acetate	6.152	43	319682	303.731	ug/l	95
24) 1,1-Dichloroethane	6.110	63	95195	50.959	ug/l	97
25) 2-Butanone	7.081	43	61207	264.077	ug/l	97
26) 2,2-Dichloropropane	7.075	77	89258	49.992	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	69068	50.576	ug/l	99
28) Bromochloromethane	7.422	49	28301	55.898	ug/l	99
29) Tetrahydrofuran	7.446	42	32938	260.554	ug/l	99
30) Chloroform	7.599	83	104318	51.898	ug/l	100
31) Cyclohexane	7.875	56	76666	48.083	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	94800	51.429	ug/l	97
36) 1,1-Dichloropropene	8.004	75	76507	48.716	ug/l	98
37) Ethyl Acetate	7.163	43	24688	49.825	ug/l	97
38) Carbon Tetrachloride	7.987	117	78370	50.961	ug/l	96
39) Methylcyclohexane	9.275	83	93563	49.862	ug/l	97
40) Benzene	8.252	78	230877	49.535	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	14538	54.456	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	53404	49.652	ug/l	98
43) Isopropyl Acetate	8.357	43	47555	51.642	ug/l	98
44) Trichloroethene	9.028	130	66686	48.839	ug/l	95
45) 1,2-Dichloropropane	9.304	63	51957	50.795	ug/l	95
46) Dibromomethane	9.393	93	30625	51.885	ug/l	93
47) Bromodichloromethane	9.581	83	77095	52.791	ug/l	96
48) Methyl methacrylate	9.381	41	22250	52.870	ug/l	99
49) 1,4-Dioxane	9.381	88	6110	1051.783	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	123067	268.687	ug/l	98
52) Toluene	10.334	92	149805	52.116	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	70178	54.656	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	85043	52.530	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	42496	52.402	ug/l	96
56) Ethyl methacrylate	10.598	69	48025	54.175	ug/l	97
57) 1,3-Dichloropropane	10.881	76	67768	51.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	70383	291.591	ug/l	99
59) 2-Hexanone	10.922	43	87619	280.267	ug/l	99
60) Dibromochloromethane	11.075	129	50597	51.762	ug/l	100
61) 1,2-Dibromoethane	11.181	107	39251	53.022	ug/l	100
64) Tetrachloroethene	10.810	164	53750	48.006	ug/l	92
65) Chlorobenzene	11.610	112	159480	49.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	55369	50.510	ug/l	99
67) Ethyl Benzene	11.687	91	281169	50.606	ug/l	98
68) m/p-Xylenes	11.793	106	201408	91.171	ug/l	98
69) o-Xylene	12.122	106	95101	46.256	ug/l	93
70) Styrene	12.134	104	162620	46.967	ug/l	100
71) Bromoform	12.298	173	26498	46.041	ug/l #	97
73) Isopropylbenzene	12.422	105	251086	51.474	ug/l	99
74) N-amyl acetate	12.234	43	38388	53.243	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	39122	50.663	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	46400	84.961	ug/l #	1
77) Bromobenzene	12.698	156	56299	51.138	ug/l	99
78) n-propylbenzene	12.763	91	299145	51.892	ug/l	99
79) 2-Chlorotoluene	12.845	91	156627	50.152	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	204440	51.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	11333	53.030	ug/l	96
82) 4-Chlorotoluene	12.945	91	162697	50.707	ug/l	99
83) tert-Butylbenzene	13.169	119	182856	51.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	201896	51.814	ug/l	99
85) sec-Butylbenzene	13.345	105	274325	51.752	ug/l	99
86) p-Isopropyltoluene	13.457	119	228504	51.456	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	113723	49.709	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	111225	49.663	ug/l	99
89) n-Butylbenzene	13.787	91	210008	51.908	ug/l	99
90) Hexachloroethane	14.051	117	39631	51.273	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	99069	51.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5796	54.273	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	65571	52.086	ug/l	99
94) Hexachlorobutadiene	15.204	225	35984	51.957	ug/l	97
95) Naphthalene	15.328	128	124521	52.544	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	56591	52.441	ug/l	99

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QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

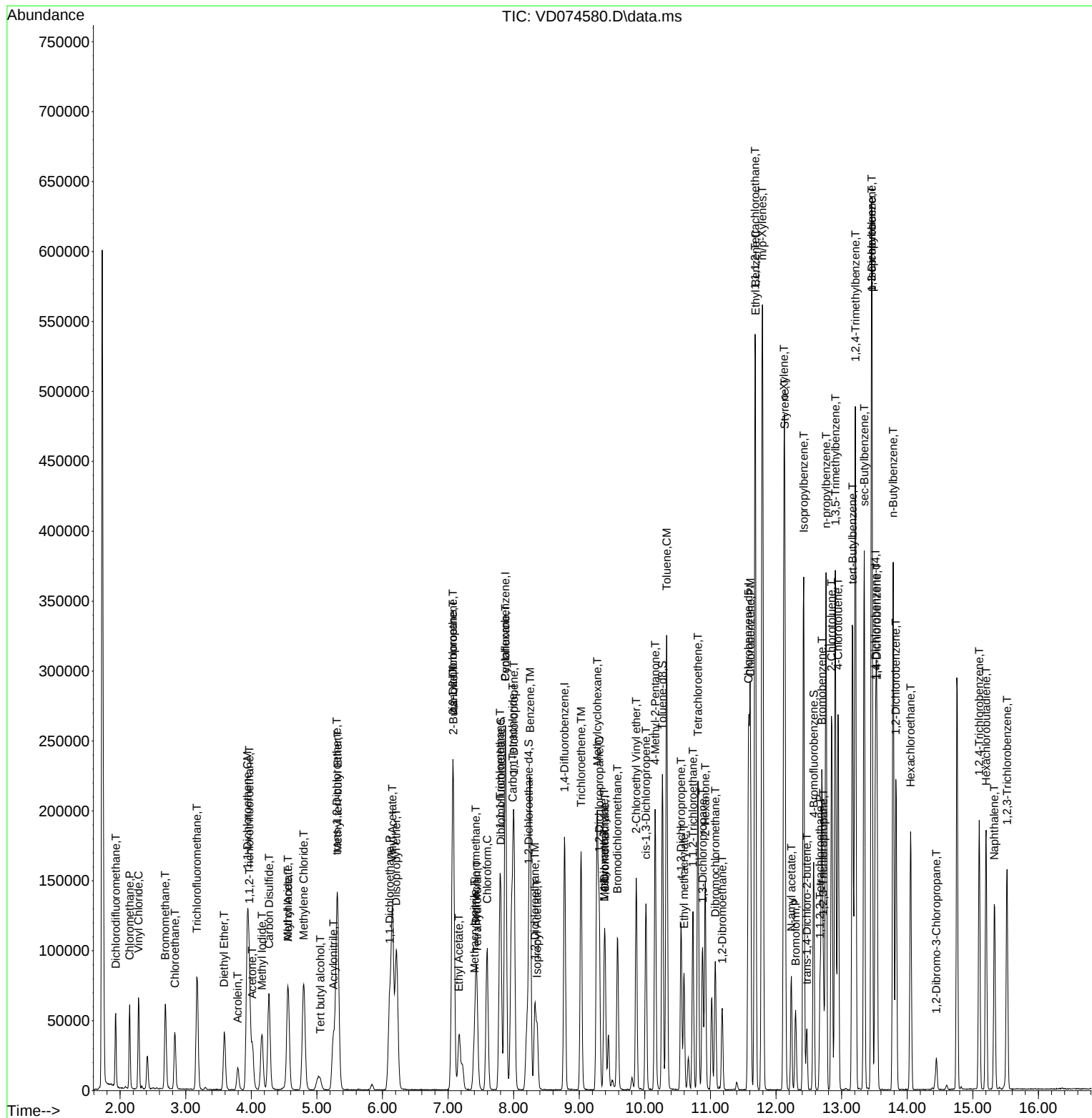
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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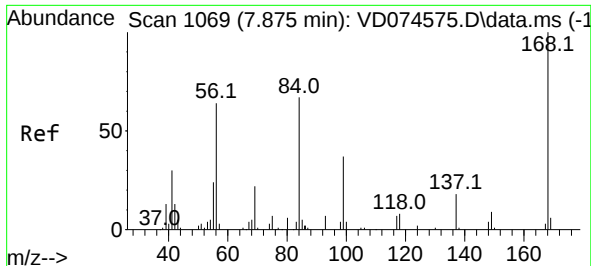
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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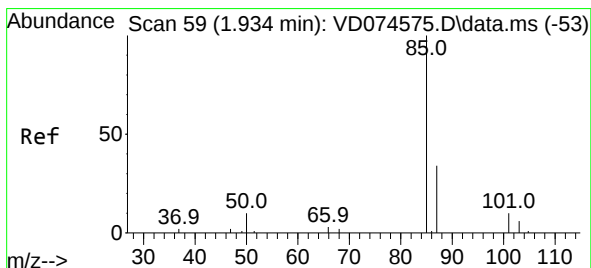
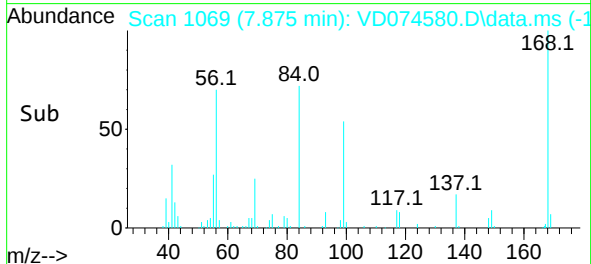
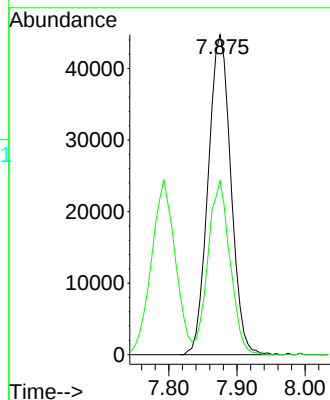
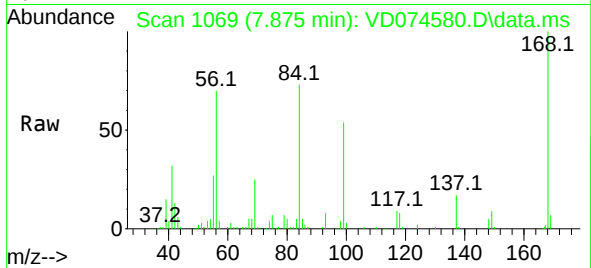




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074580.D
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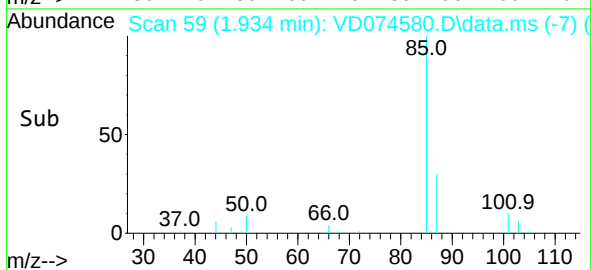
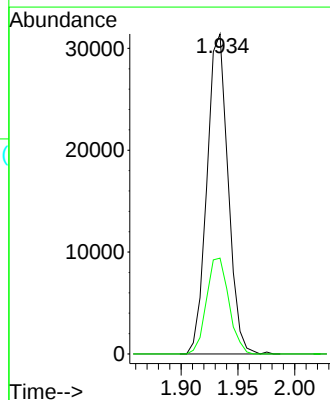
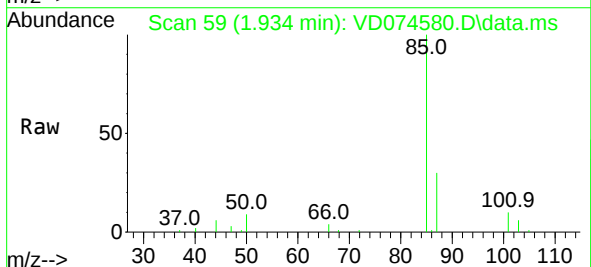
Instrument :
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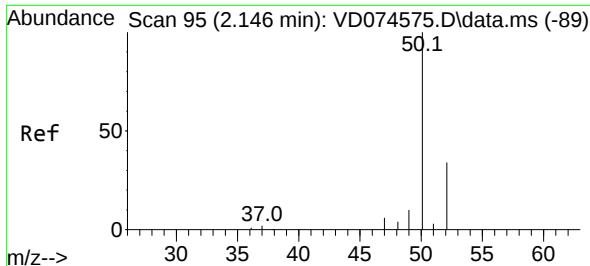
Tgt Ion:168 Resp: 103964
Ion Ratio Lower Upper
168 100
99 54.3 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 50.286 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 85 Resp: 40580
Ion Ratio Lower Upper
85 100
87 29.9 17.5 52.6

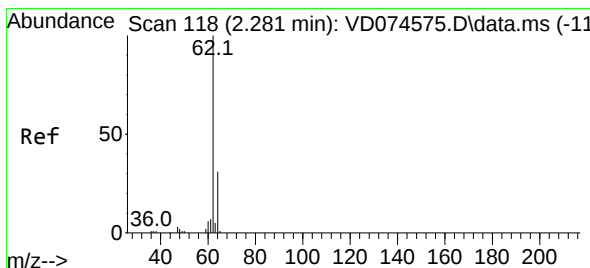
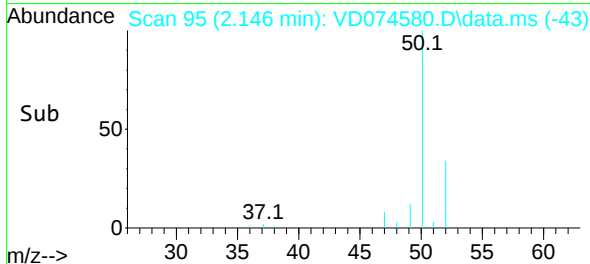
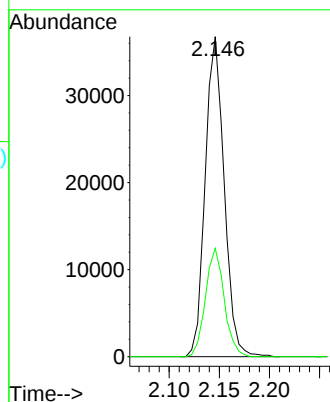
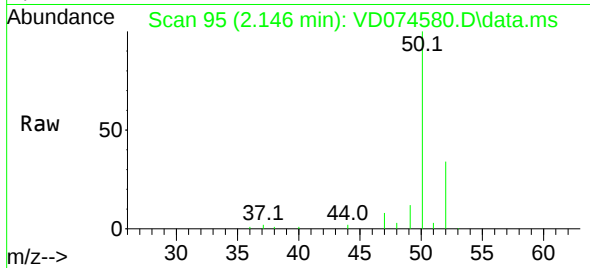




#3
Chloromethane
Concen: 44.293 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

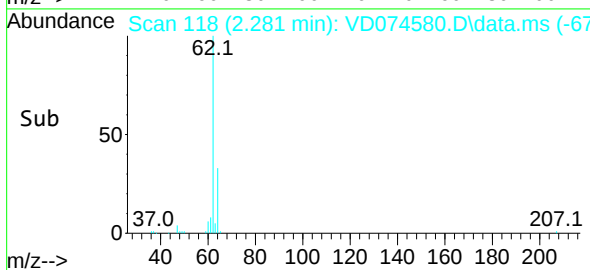
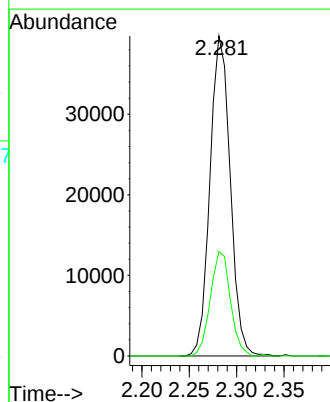
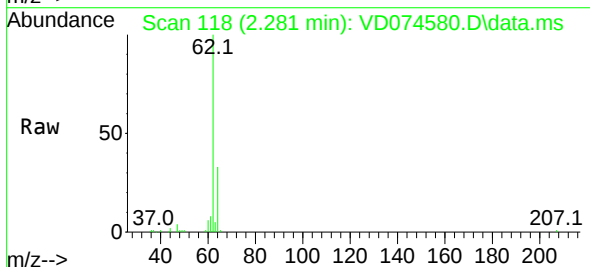
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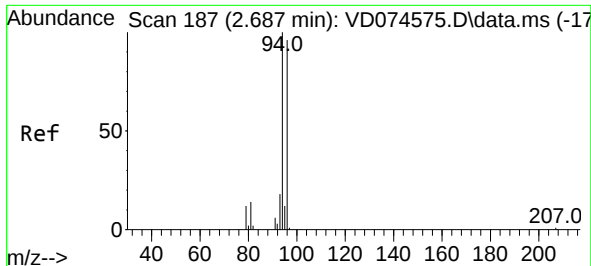
Tgt Ion: 50 Resp: 48386
Ion Ratio Lower Upper
50 100
52 33.9 30.0 45.0



#4
Vinyl Chloride
Concen: 48.944 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 62 Resp: 59126
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

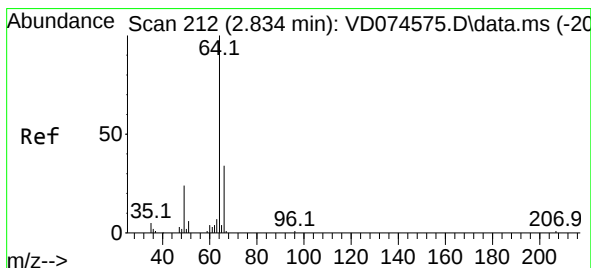
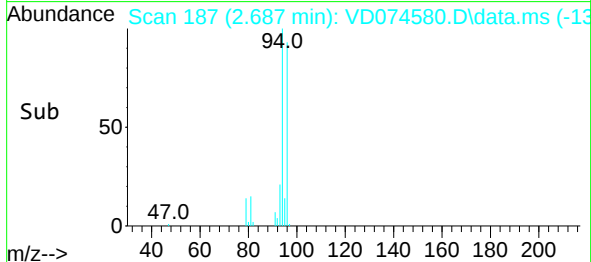
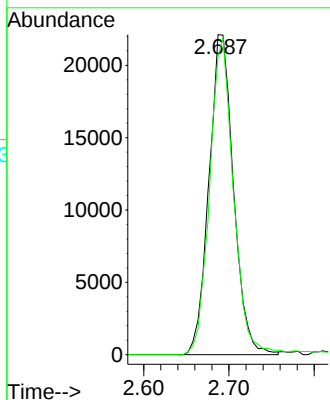
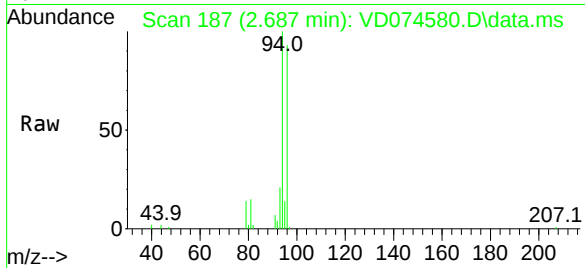




#5
Bromomethane
Concen: 48.450 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074580.D
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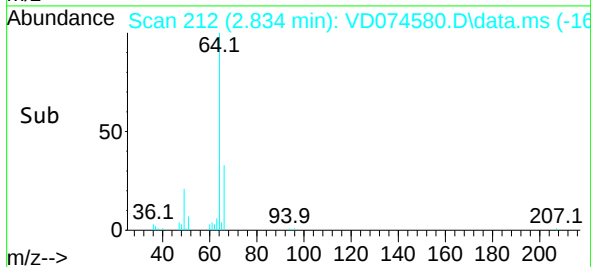
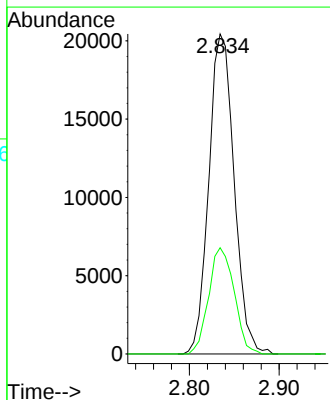
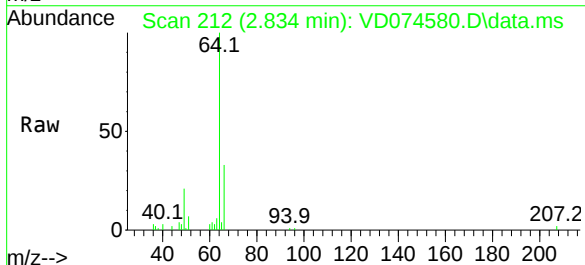
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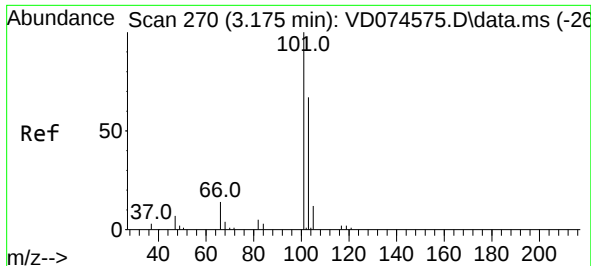
Tgt Ion: 94 Resp: 44324
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0



#6
Chloroethane
Concen: 48.214 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074580.D
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Tgt Ion: 64 Resp: 40045
Ion Ratio Lower Upper
64 100
66 33.2 25.8 38.8

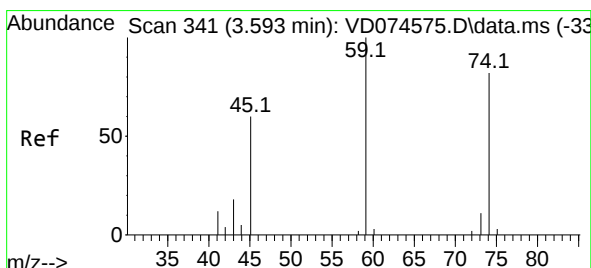
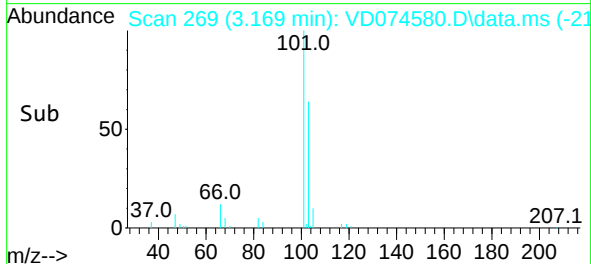
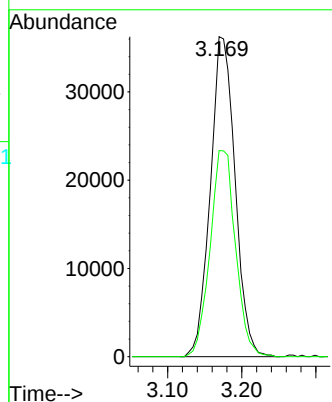
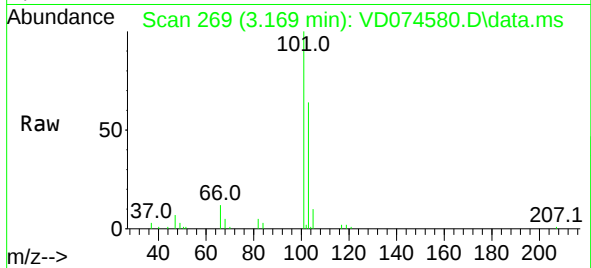




#7
 Trichlorofluoromethane
 Concen: 49.115 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074580.D
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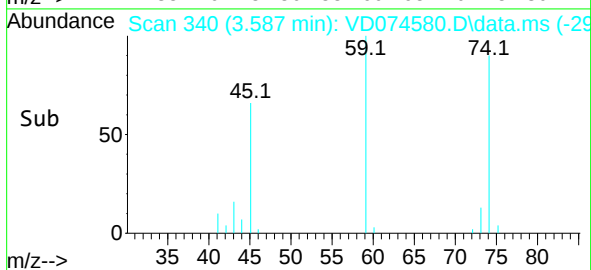
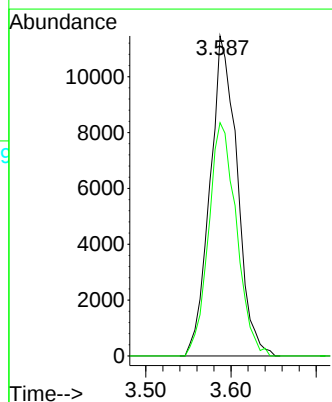
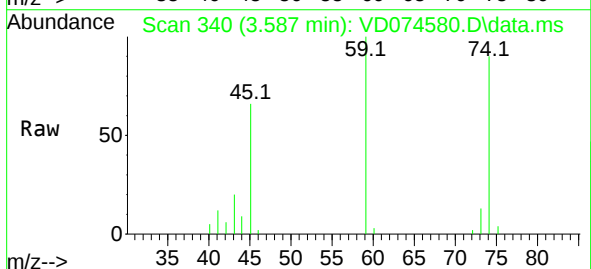
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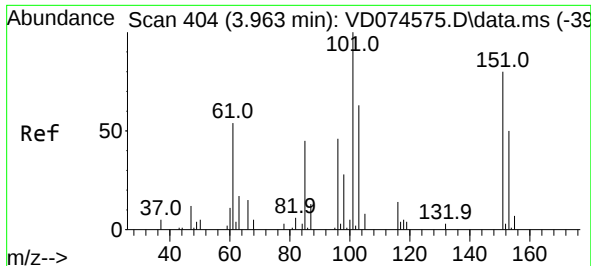
Tgt Ion:101 Resp: 84103
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.8 74.8



#8
 Diethyl Ether
 Concen: 51.111 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD074580.D
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Tgt Ion: 74 Resp: 25346
 Ion Ratio Lower Upper
 74 100
 45 74.6 37.9 113.6

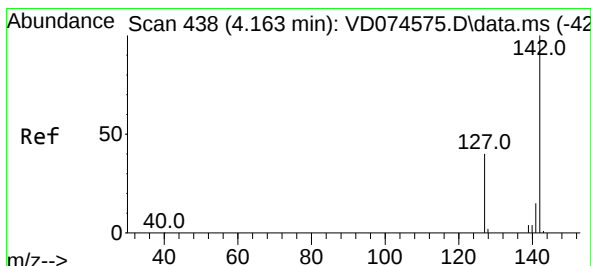
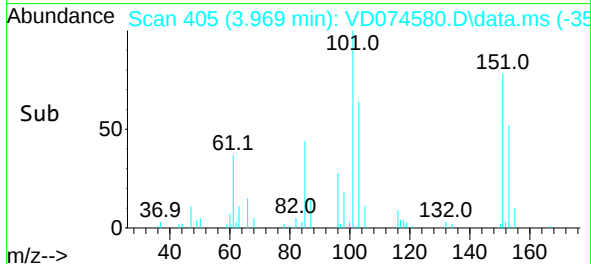
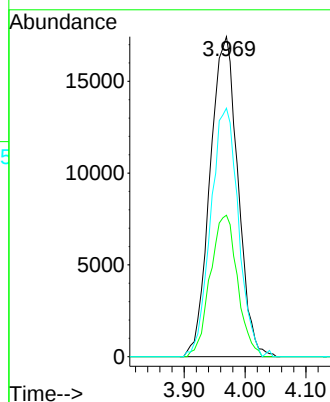
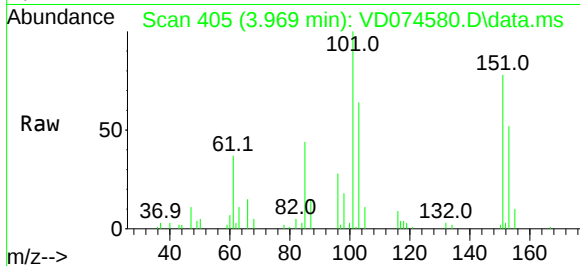




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.124 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

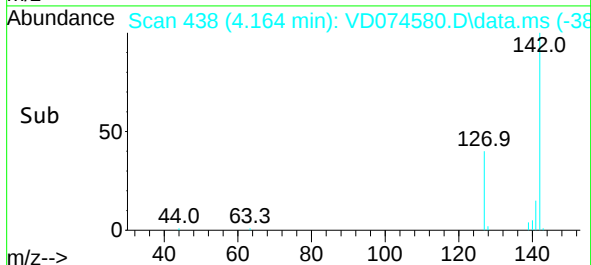
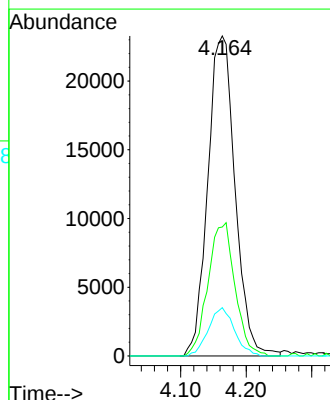
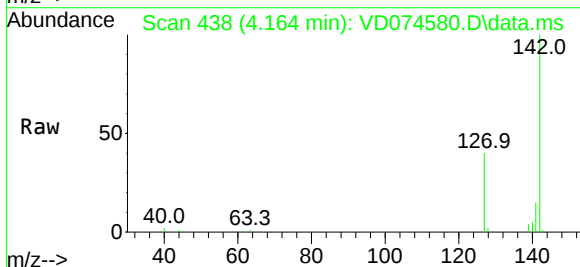
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

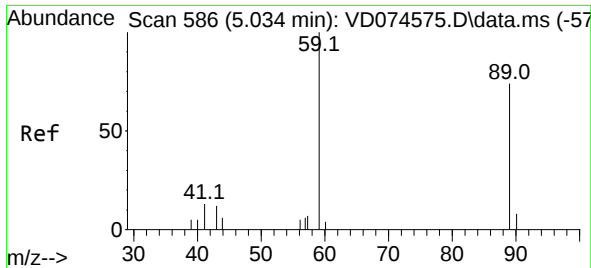
Tgt Ion:101 Resp: 55350
Ion Ratio Lower Upper
101 100
85 43.2 34.1 51.1
151 76.9 61.7 92.5



#10
Methyl Iodide
Concen: 47.101 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:142 Resp: 67361
Ion Ratio Lower Upper
142 100
127 41.1 31.9 47.9
141 14.4 11.4 17.2

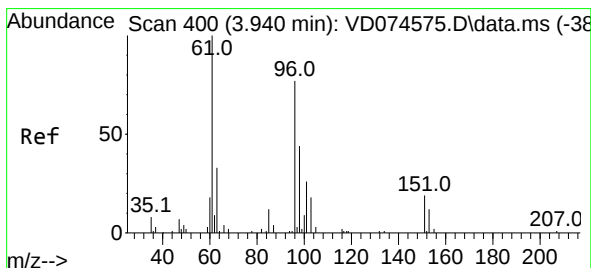
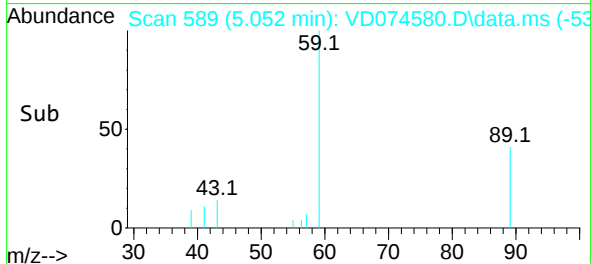
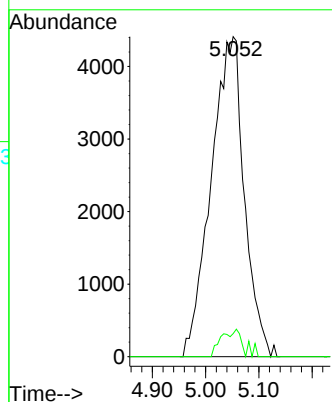
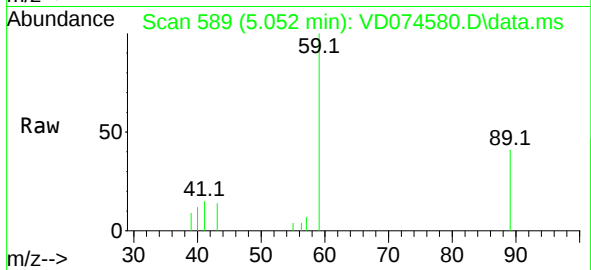




#11
Tert butyl alcohol
Concen: 256.987 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

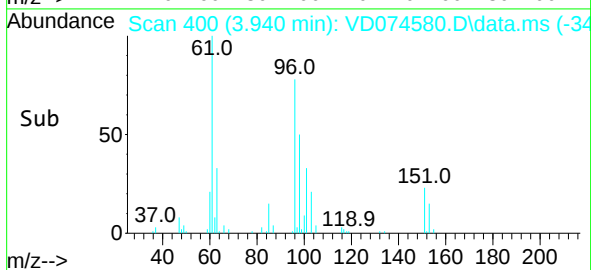
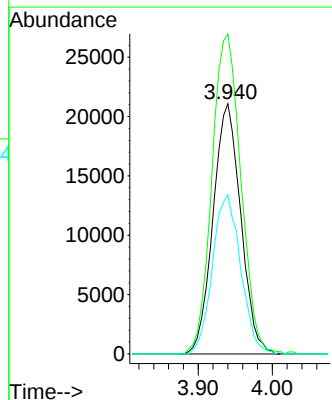
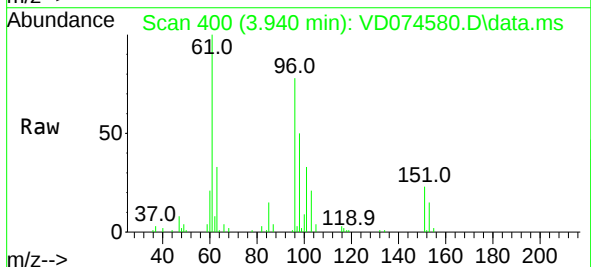
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

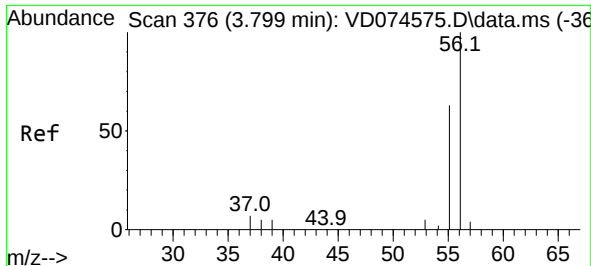
Tgt Ion: 59 Resp: 19131
Ion Ratio Lower Upper
59 100
57 2.8 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 49.546 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 96 Resp: 54724
Ion Ratio Lower Upper
96 100
61 127.8 113.9 170.9
98 63.5 51.8 77.8





#13

Acrolein

Concen: 226.946 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

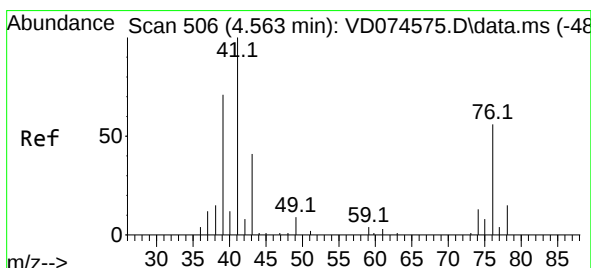
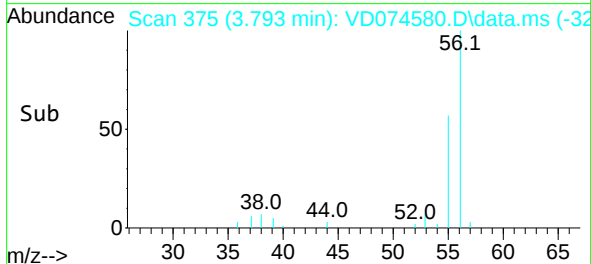
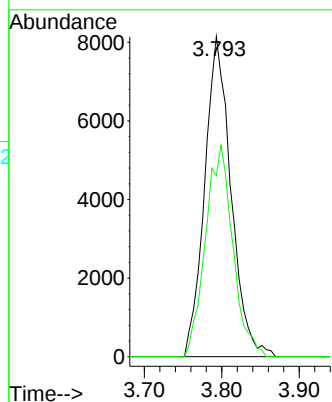
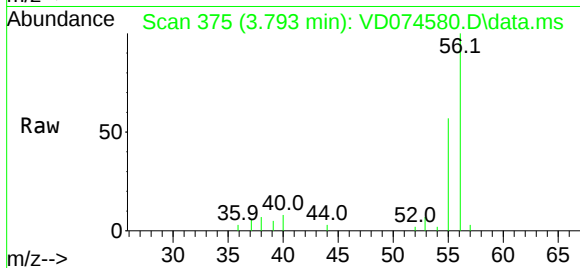
ICVVD101922

Tgt Ion: 56 Resp: 19293

Ion Ratio Lower Upper

56 100

55 68.4 54.0 81.0



#14

Allyl chloride

Concen: 52.254 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

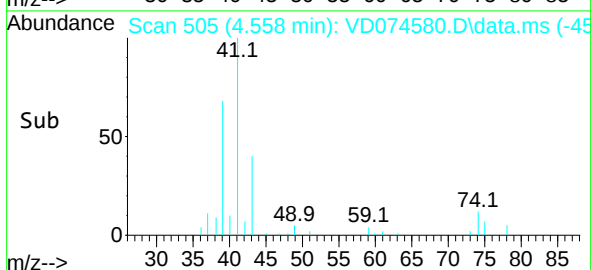
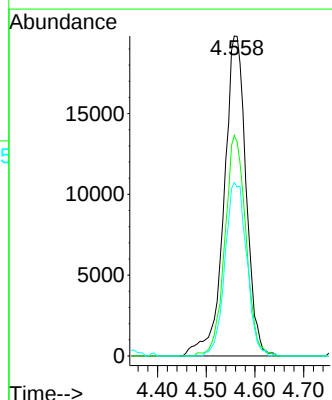
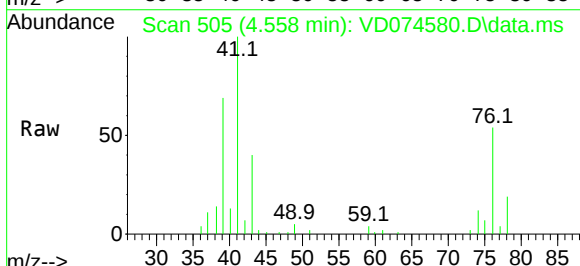
Tgt Ion: 41 Resp: 62327

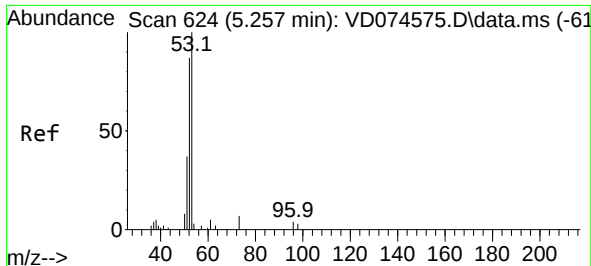
Ion Ratio Lower Upper

41 100

39 65.6 53.4 80.2

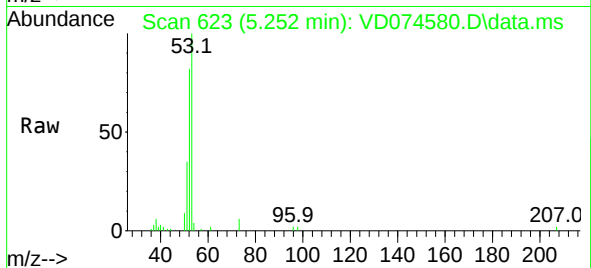
76 53.3 42.4 63.6



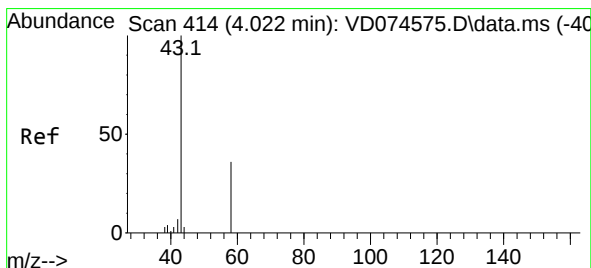
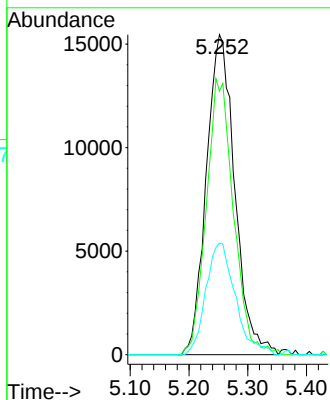
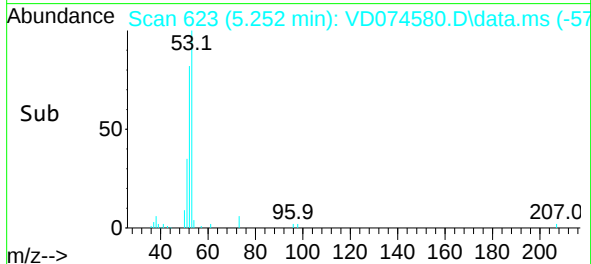


#15
Acrylonitrile
Concen: 255.762 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

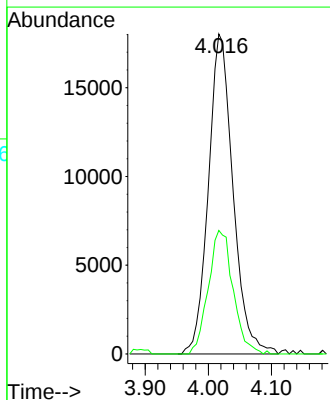
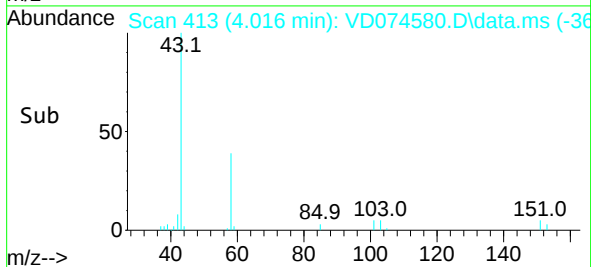
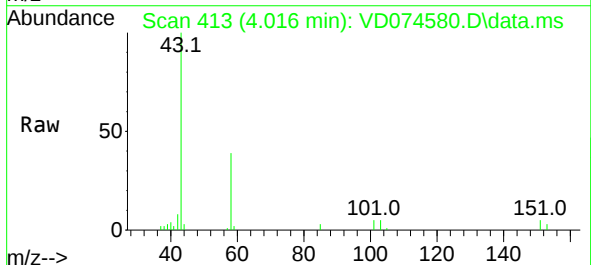


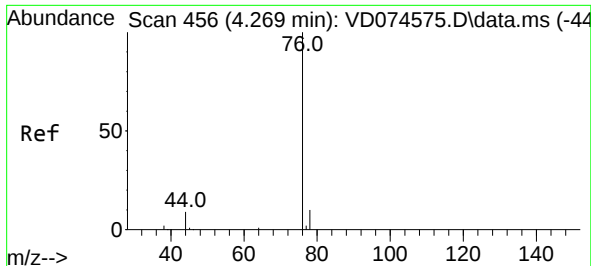
Tgt Ion:	53	Resp:	51836
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.0	99.0
51	36.2	28.3	42.5



#16
Acetone
Concen: 281.713 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:	43	Resp:	48829
Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.2	45.2

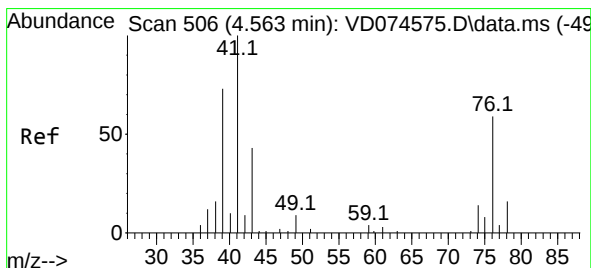
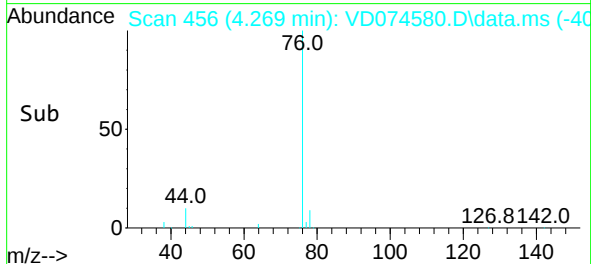
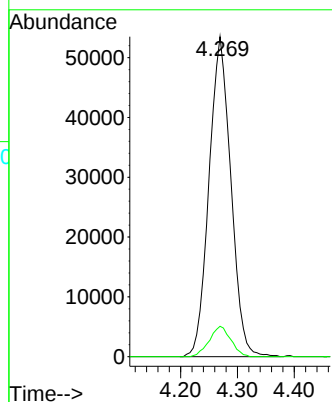
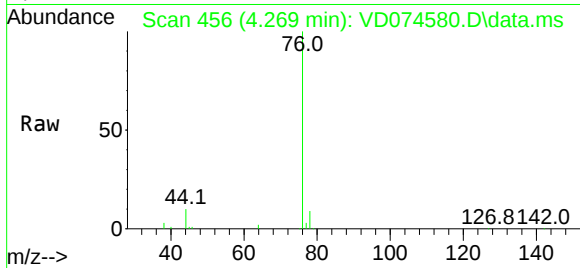




#17
Carbon Disulfide
Concen: 47.262 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

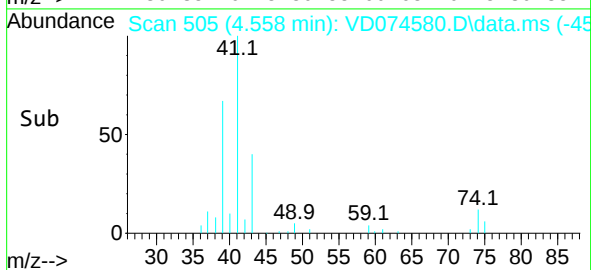
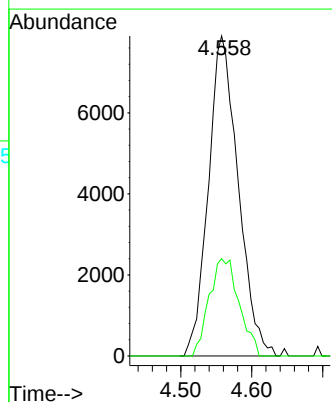
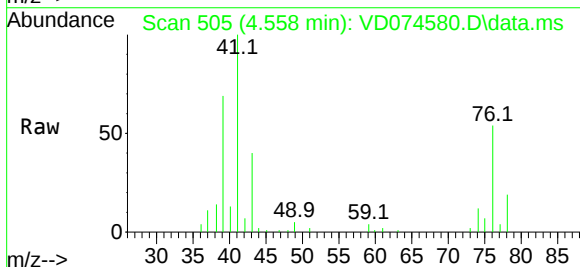
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

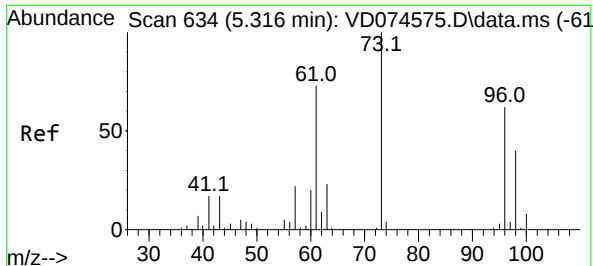
Tgt Ion: 76 Resp: 142842
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8



#18
Methyl Acetate
Concen: 49.285 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 43 Resp: 23047
Ion Ratio Lower Upper
43 100
74 30.4 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 52.603 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

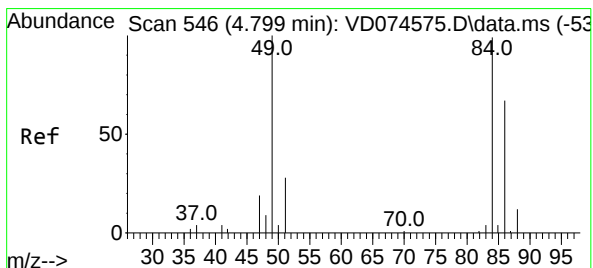
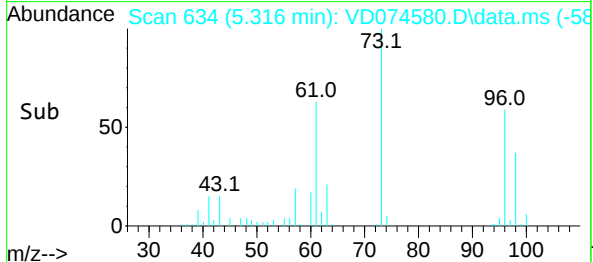
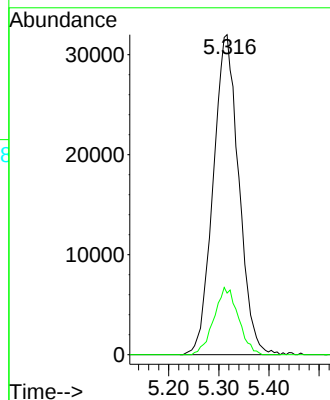
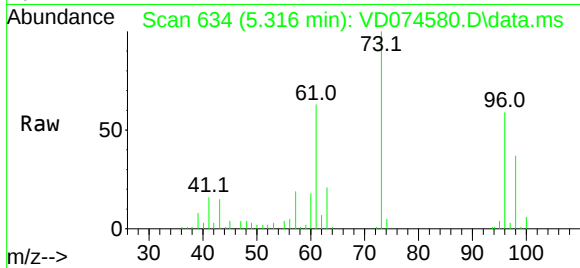
ICVVD101922

Tgt Ion: 73 Resp: 113532

Ion Ratio Lower Upper

73 100

57 19.3 16.1 24.1



#20

Methylene Chloride

Concen: 50.739 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Tgt Ion: 84 Resp: 67371

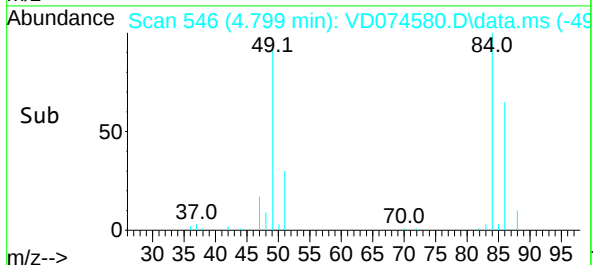
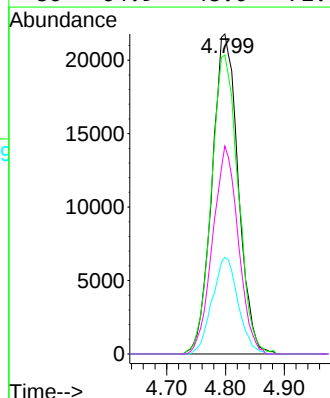
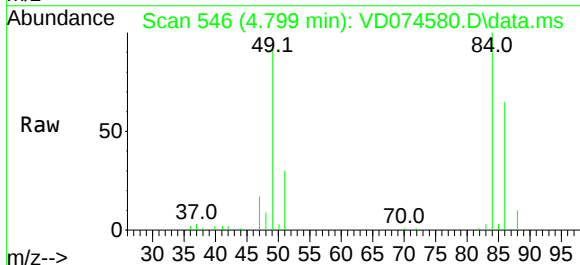
Ion Ratio Lower Upper

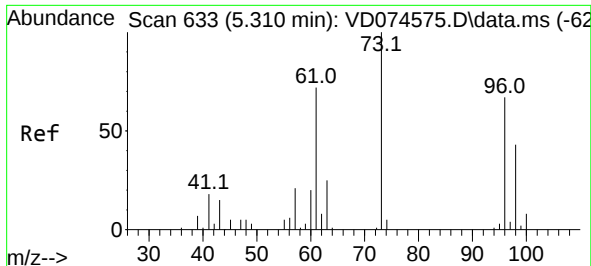
84 100

49 93.5 68.0 102.0

51 30.2 23.2 34.8

86 64.9 48.0 72.0

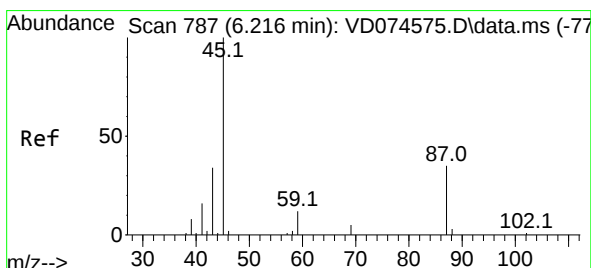
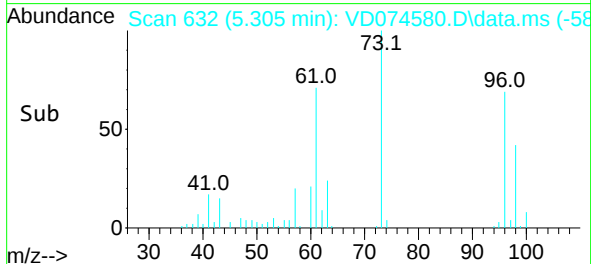
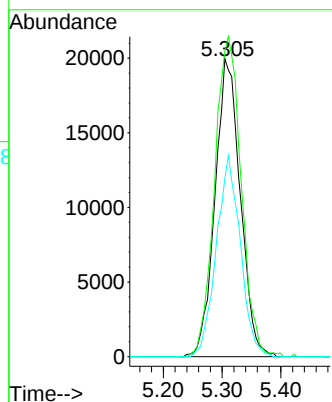
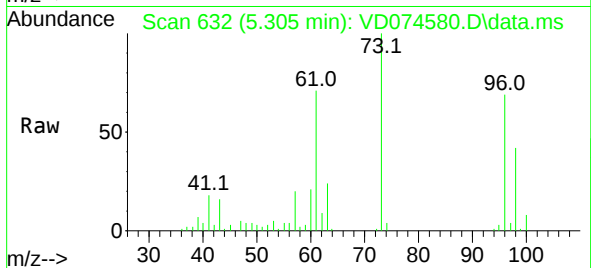




#21
trans-1,2-Dichloroethene
Concen: 48.434 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

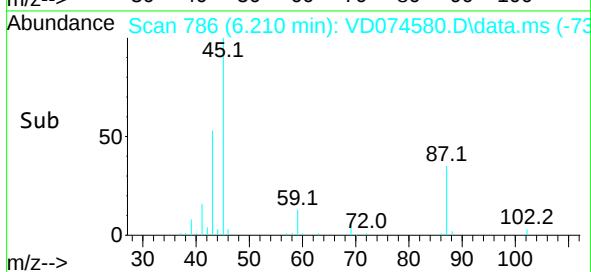
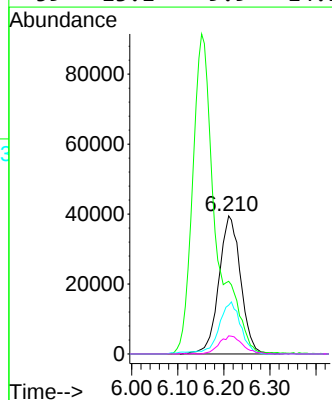
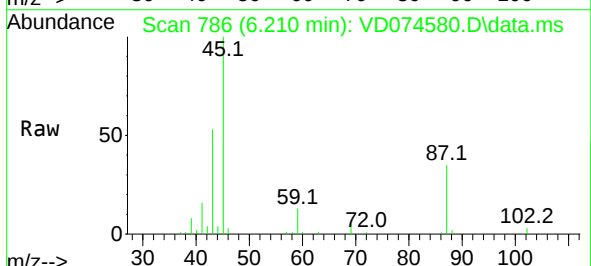
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

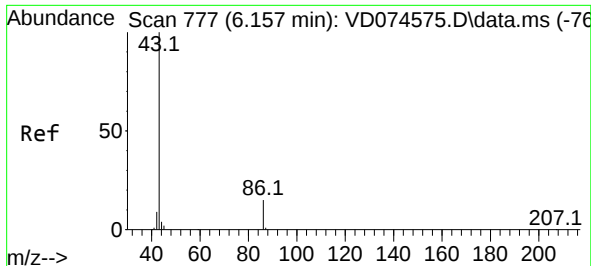
Tgt Ion: 96 Resp: 59634
Ion Ratio Lower Upper
96 100
61 102.6 95.7 143.5
98 59.8 54.8 82.2



#22
Diisopropyl ether
Concen: 53.550 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 45 Resp: 128889
Ion Ratio Lower Upper
45 100
43 52.1 37.8 56.6
87 35.4 26.6 40.0
59 13.1 9.9 14.9

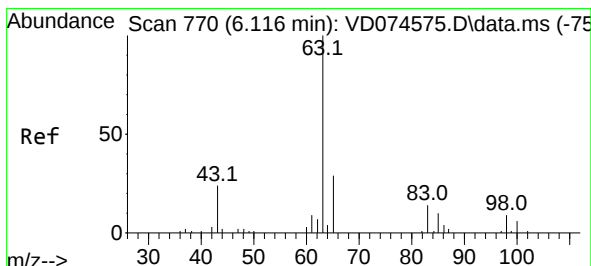
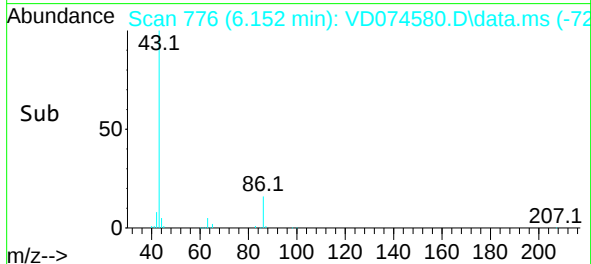
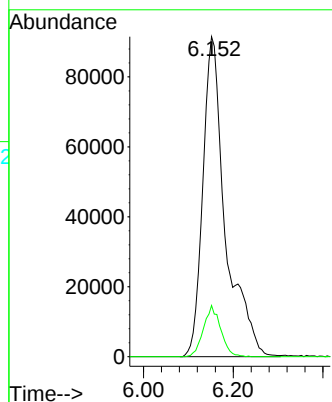
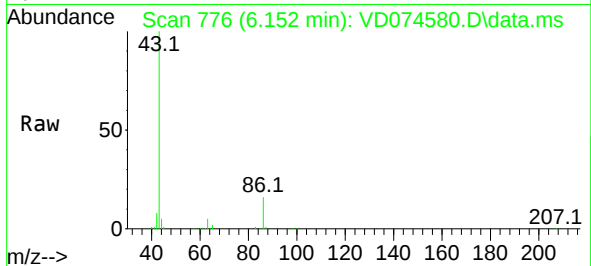




#23
 Vinyl Acetate
 Concen: 303.731 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

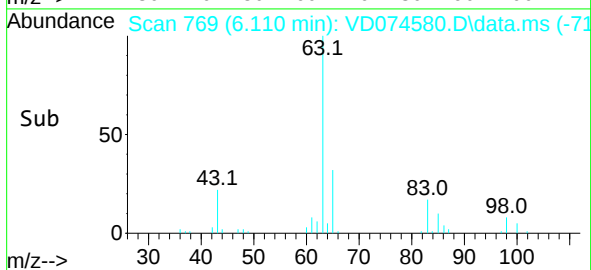
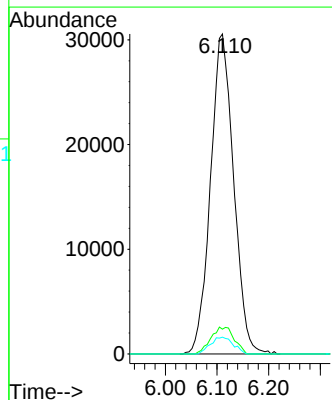
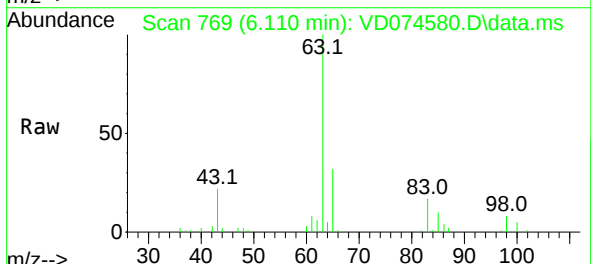
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101922

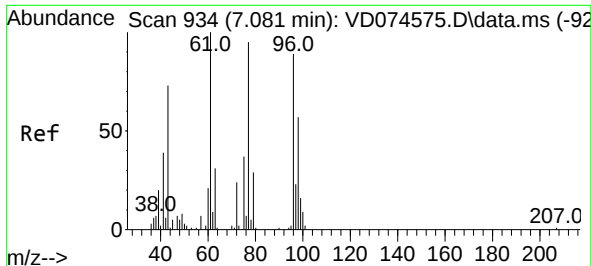
Tgt Ion: 43 Resp: 319682
 Ion Ratio Lower Upper
 43 100
 86 16.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 50.959 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

Tgt Ion: 63 Resp: 95195
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.6 13.8
 100 5.3 2.9 8.6

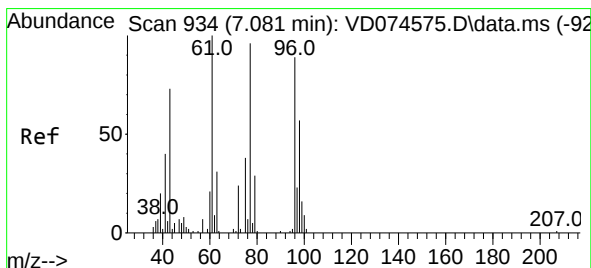
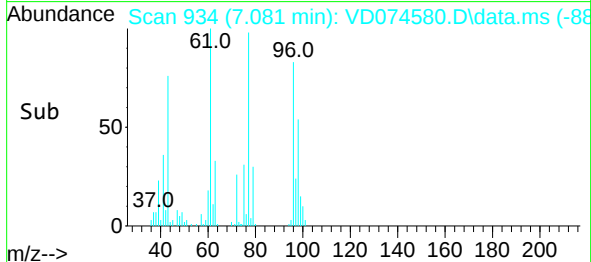
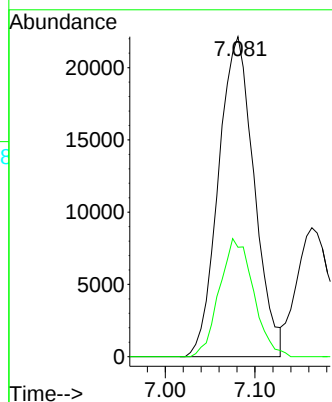
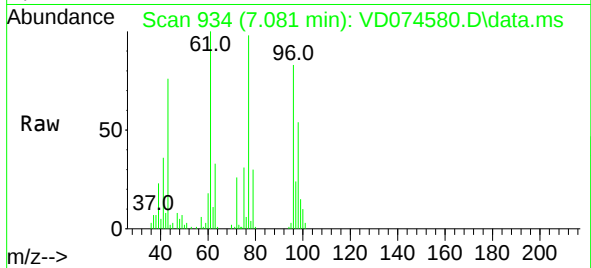




#25
2-Butanone
Concen: 264.077 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

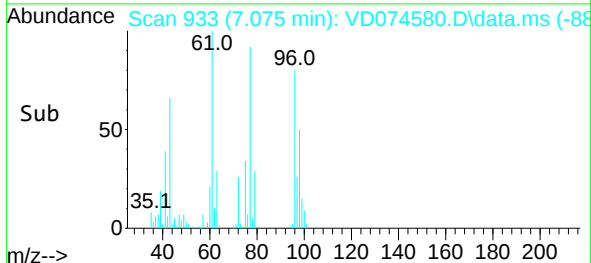
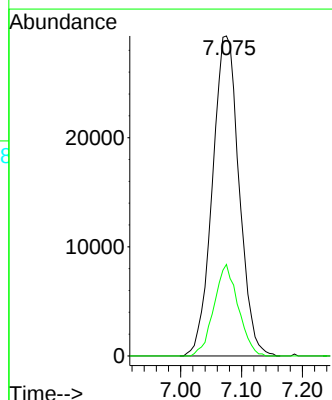
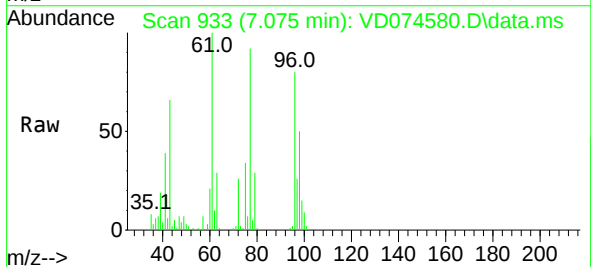
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

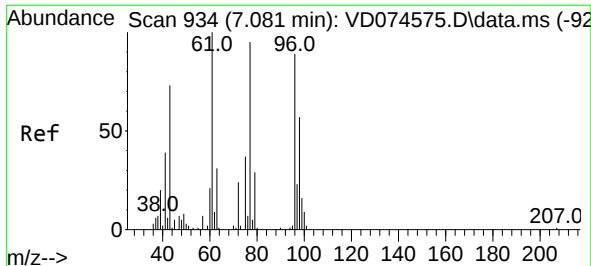
Tgt Ion: 43 Resp: 61207
Ion Ratio Lower Upper
43 100
72 34.2 25.8 38.8



#26
2,2-Dichloropropane
Concen: 49.992 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 77 Resp: 89258
Ion Ratio Lower Upper
77 100
97 26.0 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 50.576 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD101922

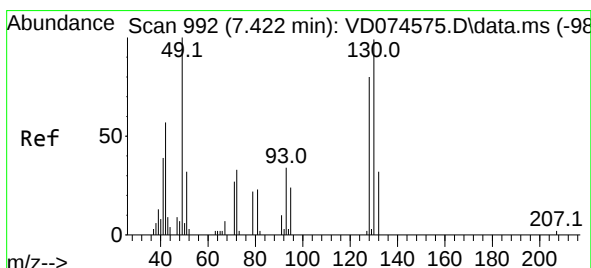
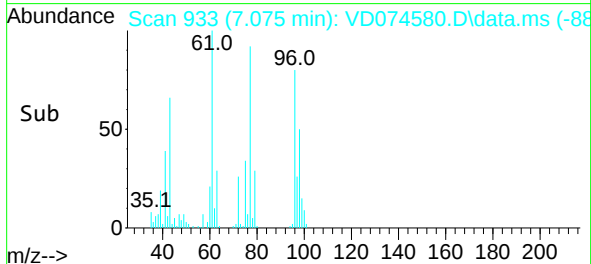
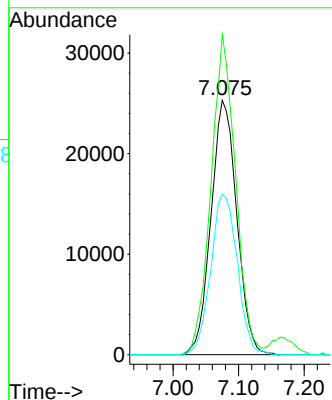
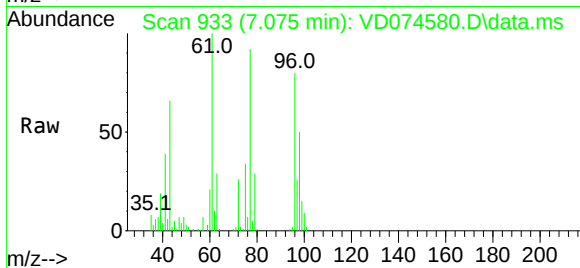
Tgt Ion: 96 Resp: 69068

Ion Ratio Lower Upper

96 100

61 119.9 0.0 242.4

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 55.898 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

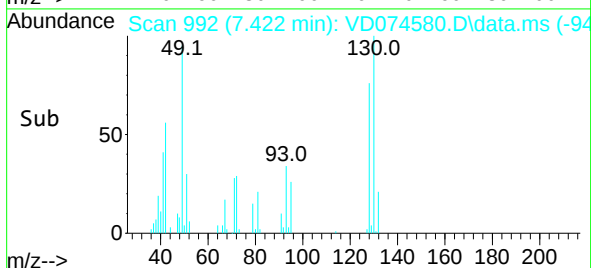
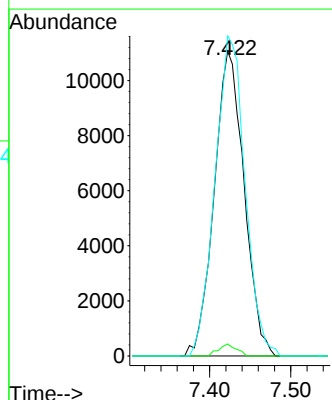
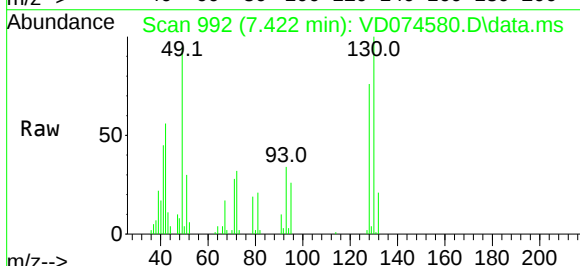
Tgt Ion: 49 Resp: 28301

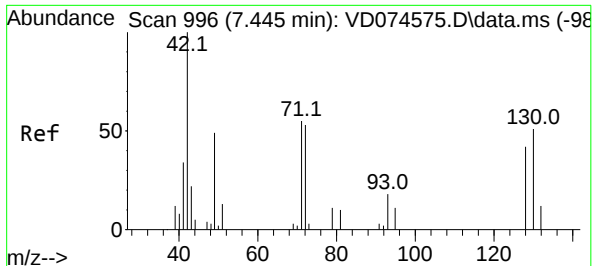
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 105.7 84.1 126.1





#29

Tetrahydrofuran

Concen: 260.554 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD101922

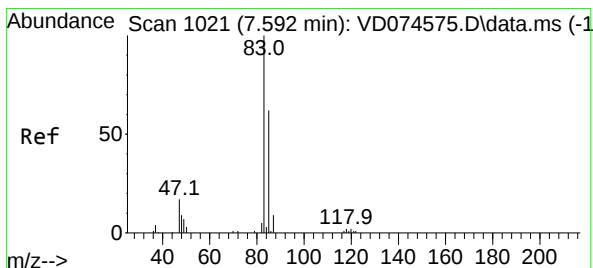
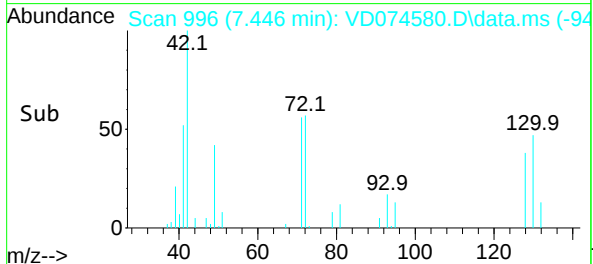
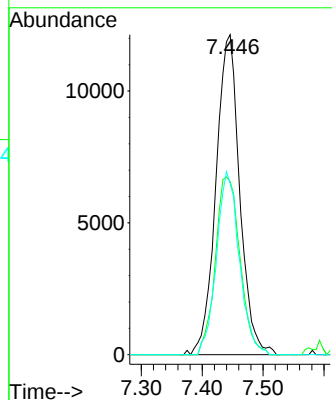
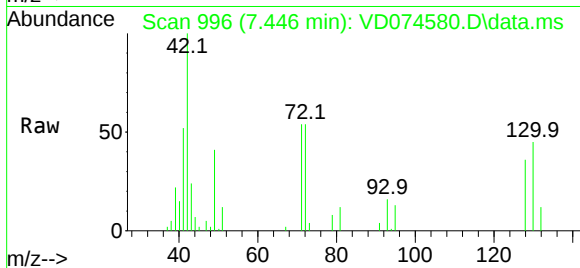
Tgt Ion: 42 Resp: 32938

Ion Ratio Lower Upper

42 100

72 57.5 45.8 68.6

71 54.9 44.6 66.8



#30

Chloroform

Concen: 51.898 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD074580.D

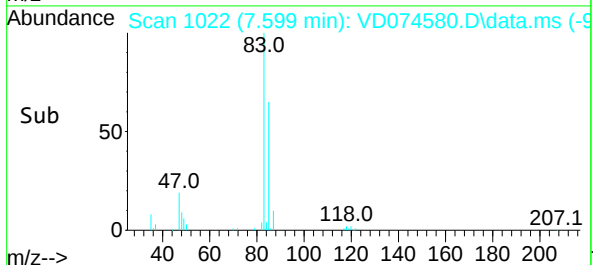
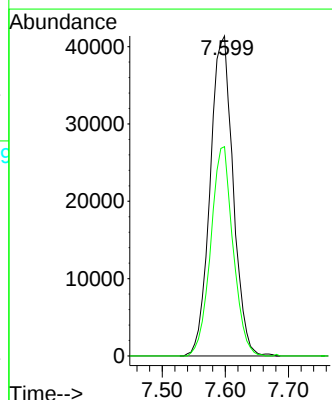
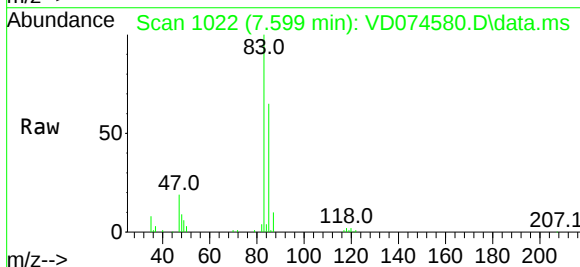
Acq: 19 Oct 2022 15:22

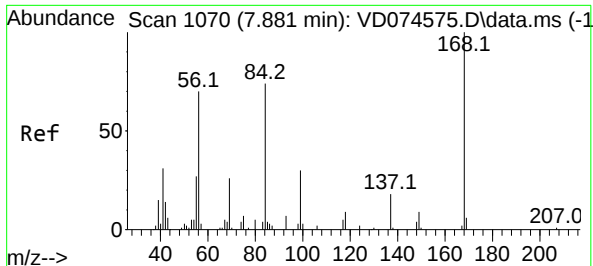
Tgt Ion: 83 Resp: 104318

Ion Ratio Lower Upper

83 100

85 65.4 52.0 78.0

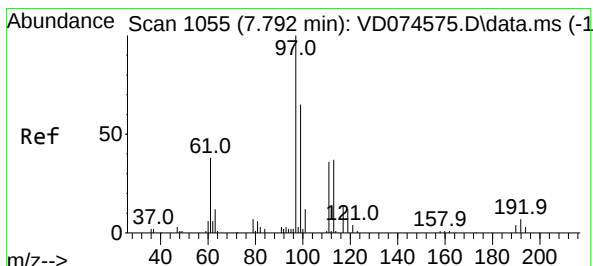
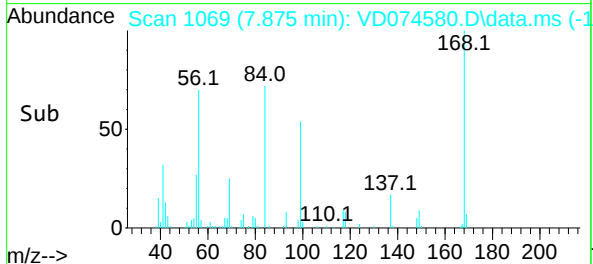
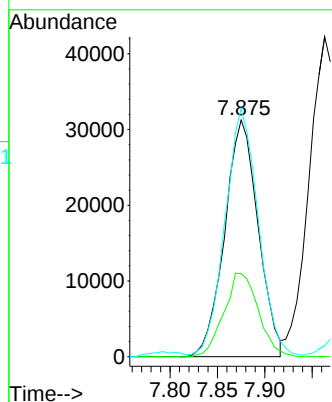
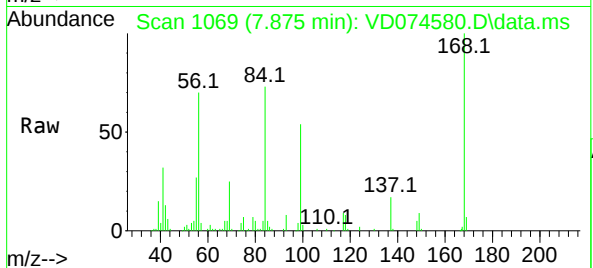




#31
Cyclohexane
Concen: 48.083 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

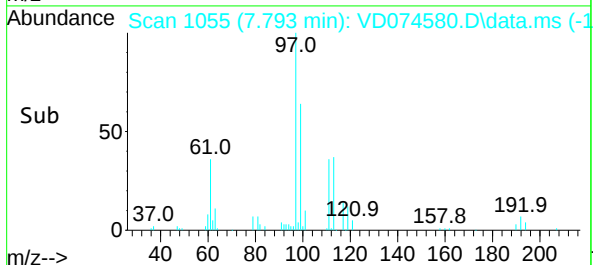
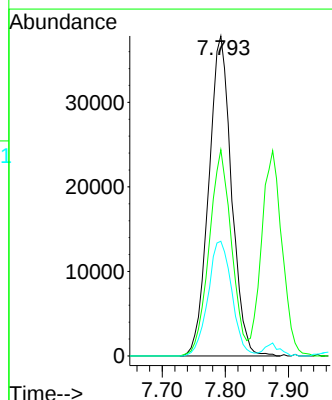
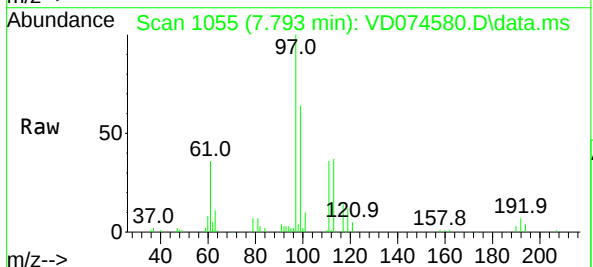
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

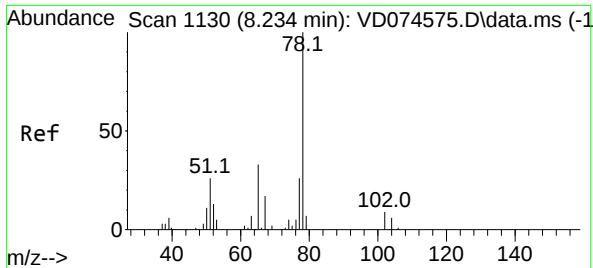
Tgt Ion: 56 Resp: 76666
Ion Ratio Lower Upper
56 100
69 35.1 29.2 43.8
84 103.2 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 51.429 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 97 Resp: 94800
Ion Ratio Lower Upper
97 100
99 63.1 53.3 79.9
61 37.4 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 45.040 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

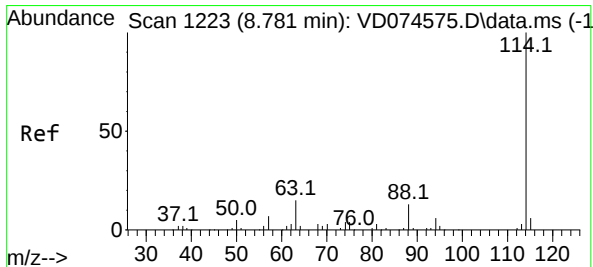
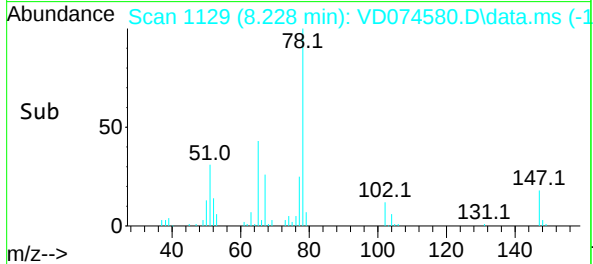
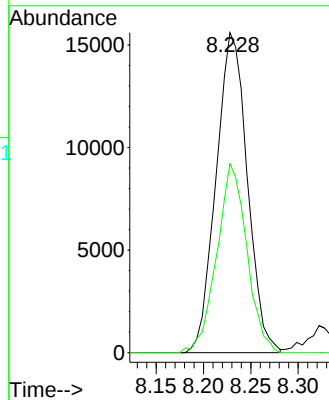
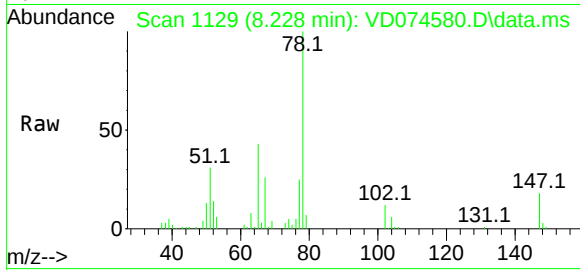
ICVVD101922

Tgt Ion: 65 Resp: 35750

Ion Ratio Lower Upper

65 100

67 56.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

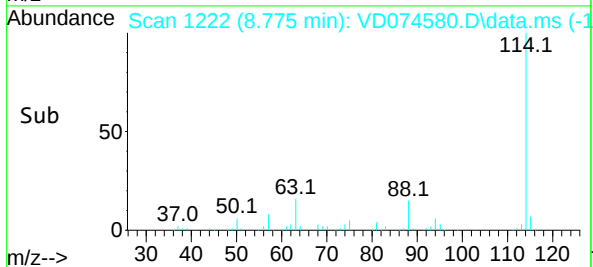
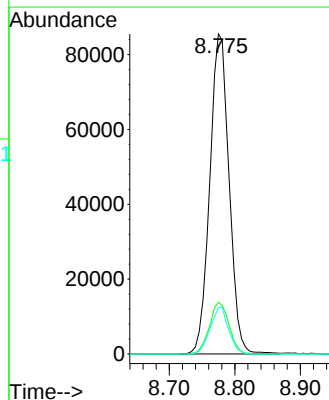
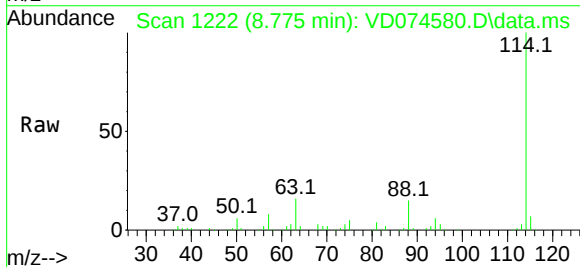
Tgt Ion: 114 Resp: 174819

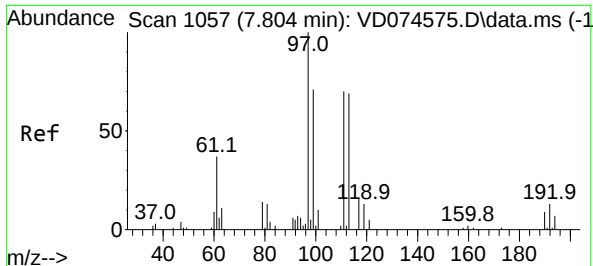
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 14.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 45.575 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD101922

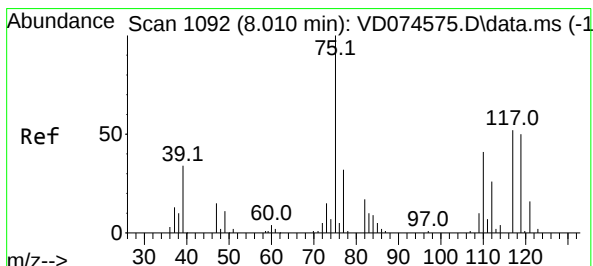
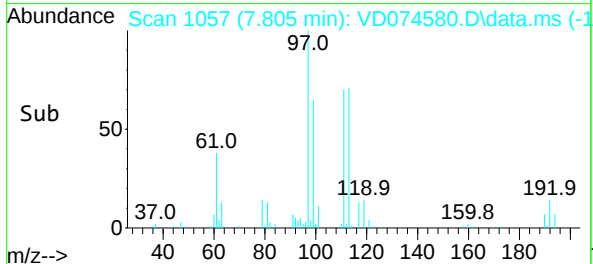
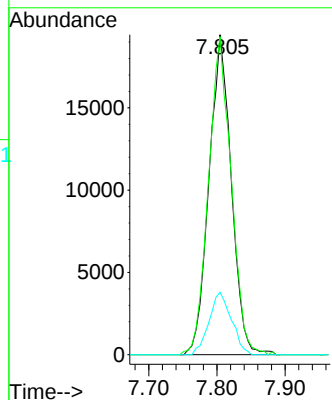
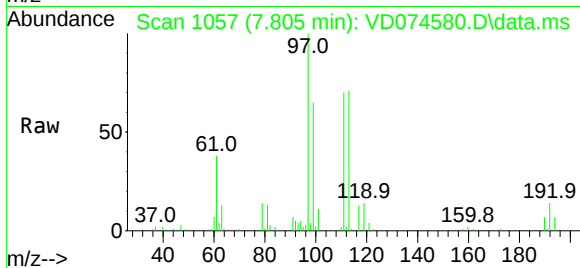
Tgt Ion:113 Resp: 44237

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 19.6 16.4 24.6



#36

1,1-Dichloropropene

Concen: 48.716 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

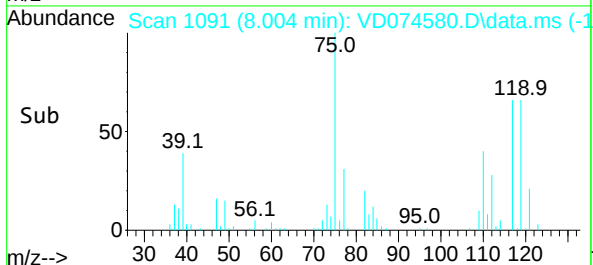
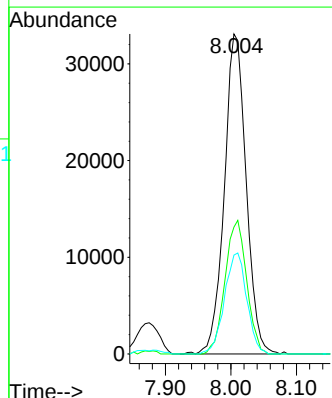
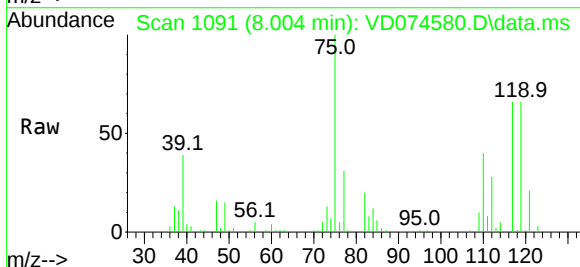
Tgt Ion: 75 Resp: 76507

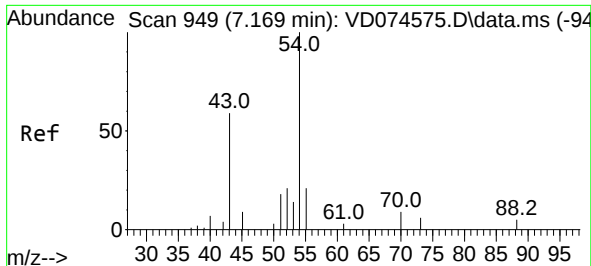
Ion Ratio Lower Upper

75 100

110 41.4 19.7 59.0

77 32.3 25.4 38.2





#37

Ethyl Acetate

Concen: 49.825 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD101922

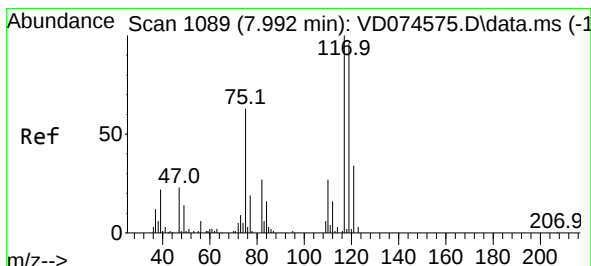
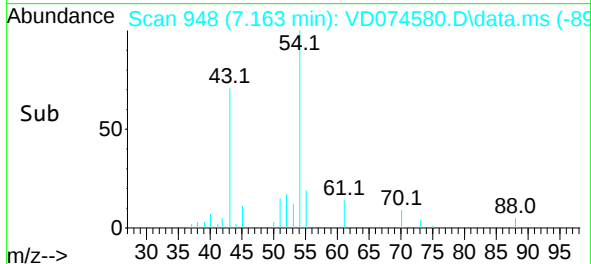
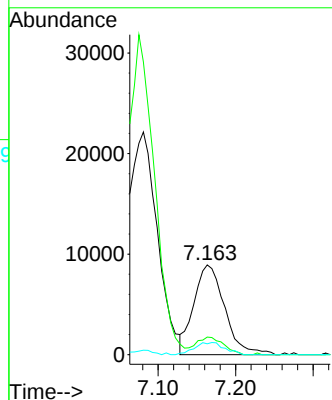
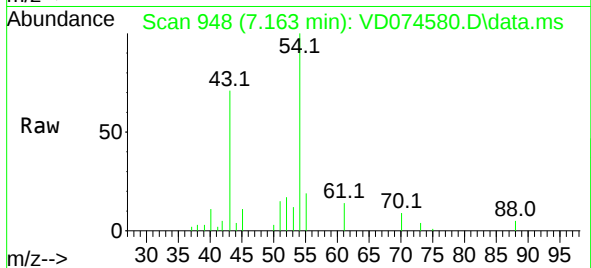
Tgt Ion: 43 Resp: 24688

Ion Ratio Lower Upper

43 100

61 16.9 12.2 18.4

70 13.1 9.6 14.4



#38

Carbon Tetrachloride

Concen: 50.961 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

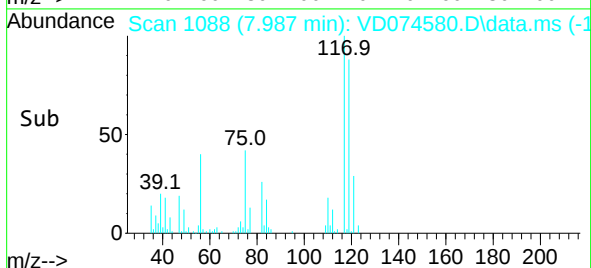
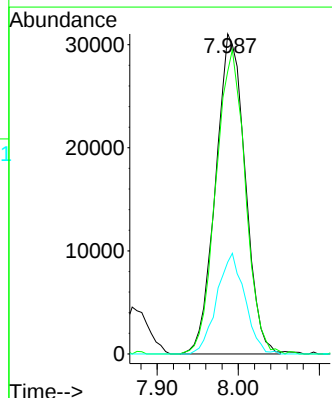
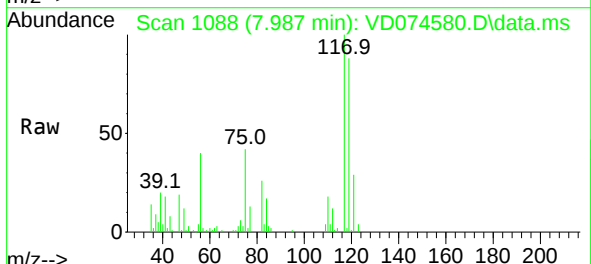
Tgt Ion: 117 Resp: 78370

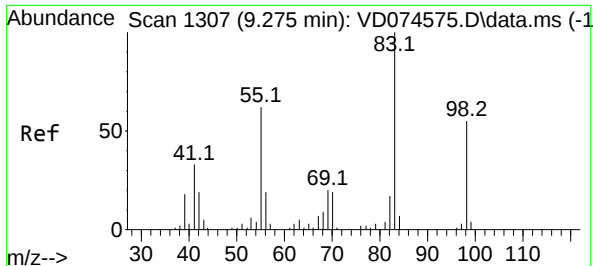
Ion Ratio Lower Upper

117 100

119 88.3 73.1 109.7

121 28.7 25.0 37.6

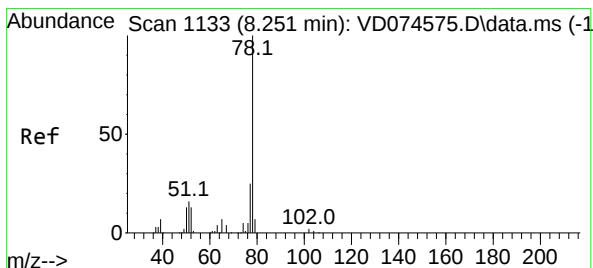
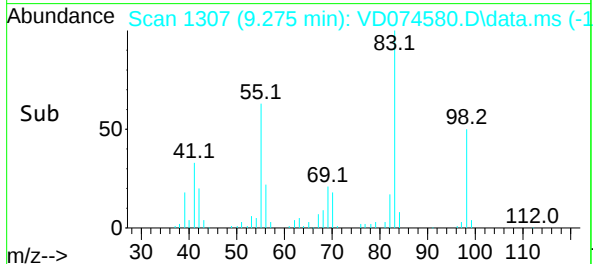
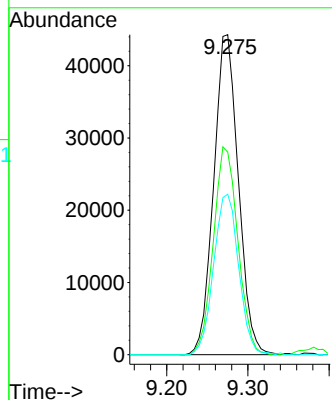
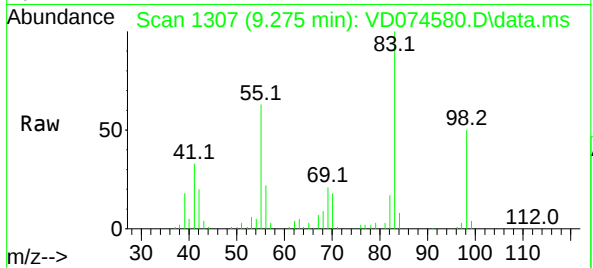




#39
Methylcyclohexane
Concen: 49.862 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

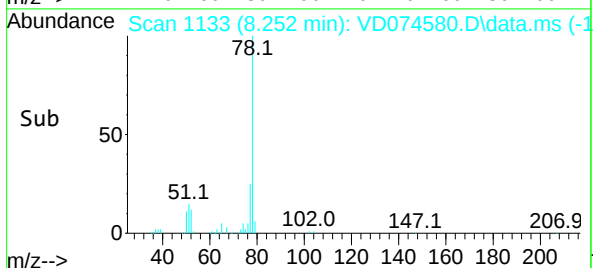
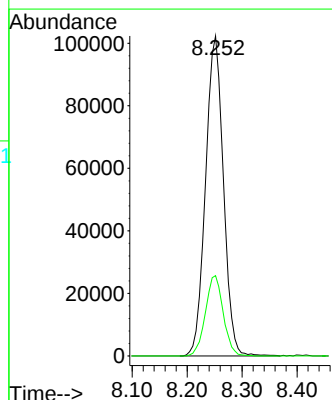
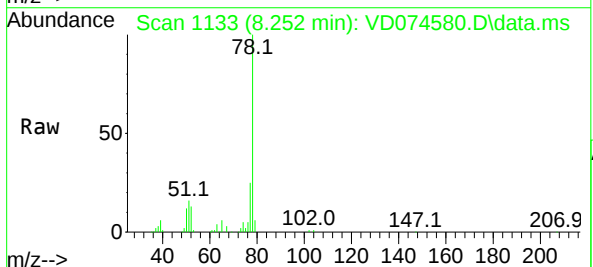
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

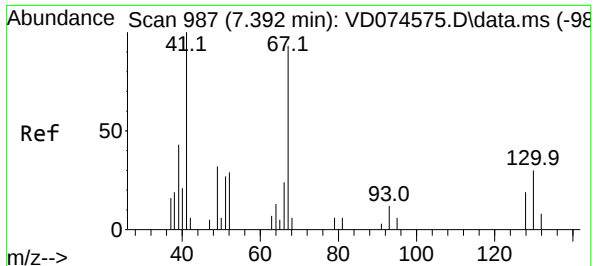
Tgt Ion: 83 Resp: 93563
Ion Ratio Lower Upper
83 100
55 63.3 49.0 73.4
98 50.2 41.7 62.5



#40
Benzene
Concen: 49.535 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 78 Resp: 230877
Ion Ratio Lower Upper
78 100
77 25.1 20.1 30.1

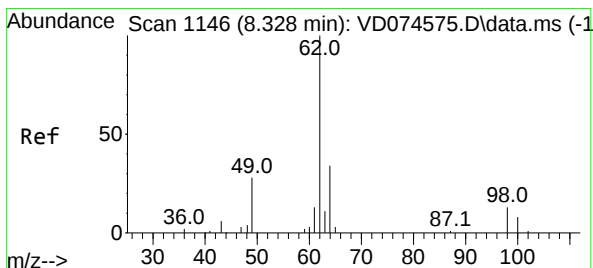
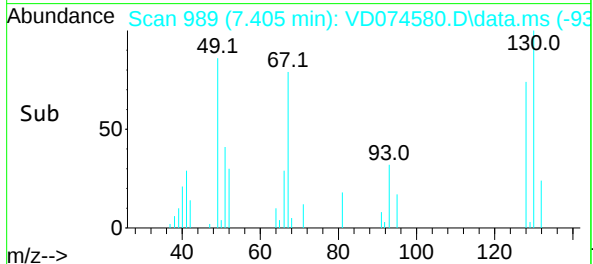
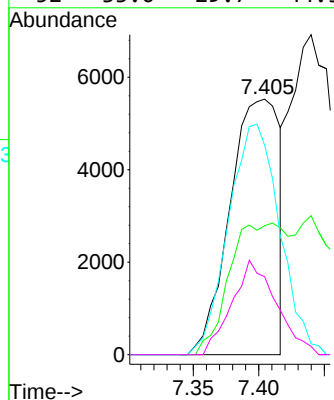
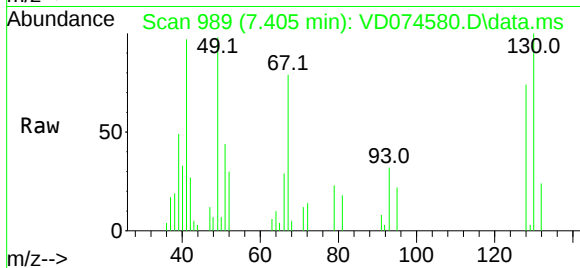




#41
Methacrylonitrile
Concen: 54.456 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

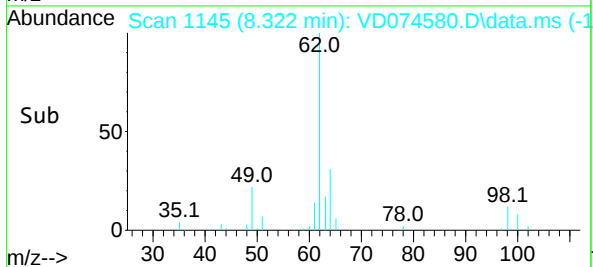
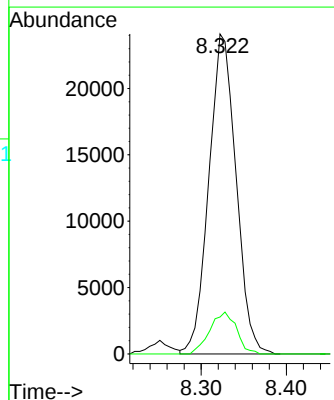
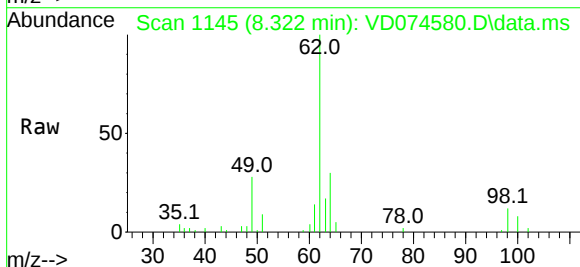
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

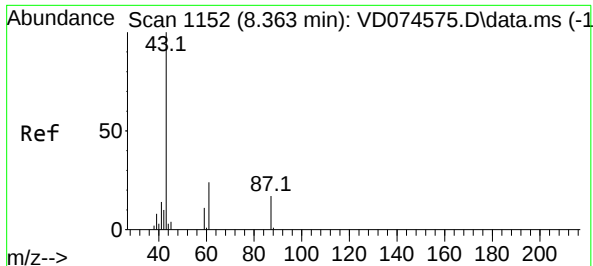
Tgt Ion: 41 Resp: 14538
Ion Ratio Lower Upper
41 100
39 58.8 35.0 52.6#
67 93.2 77.0 115.6
52 33.0 29.7 44.5



#42
1,2-Dichloroethane
Concen: 49.652 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 62 Resp: 53404
Ion Ratio Lower Upper
62 100
98 12.9 0.0 24.2

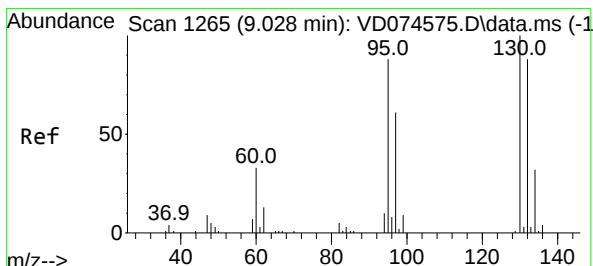
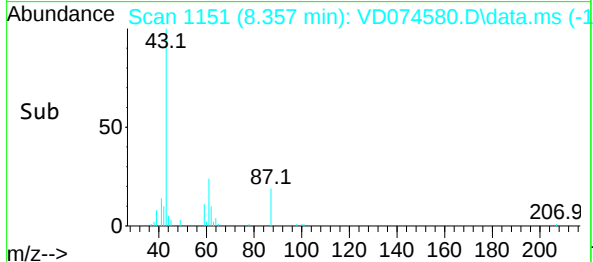
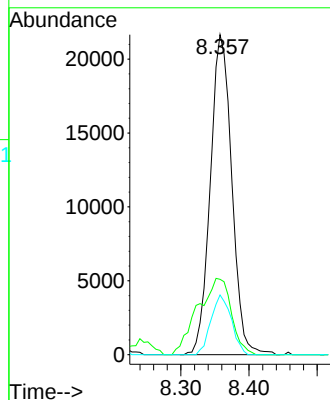
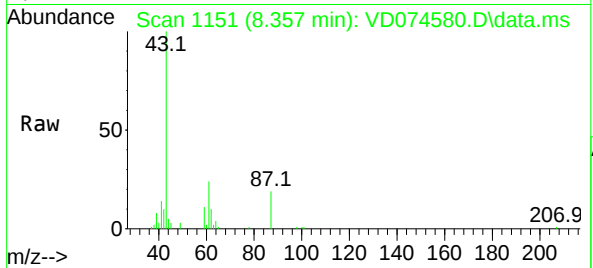




#43
Isopropyl Acetate
Concen: 51.642 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

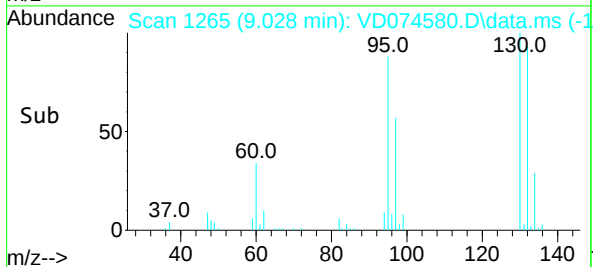
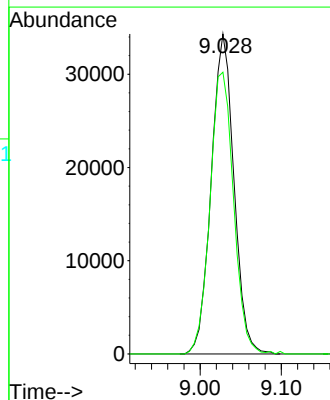
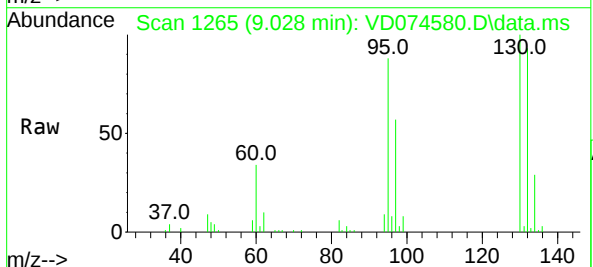
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

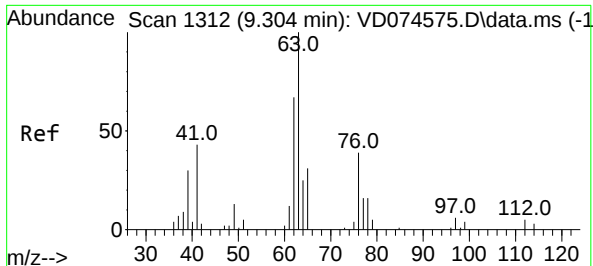
Tgt Ion: 43 Resp: 47555
Ion Ratio Lower Upper
43 100
61 37.1 30.9 46.3
87 17.6 14.3 21.5



#44
Trichloroethene
Concen: 48.839 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:130 Resp: 66686
Ion Ratio Lower Upper
130 100
95 88.1 0.0 185.4





#45

1,2-Dichloropropane

Concen: 50.795 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

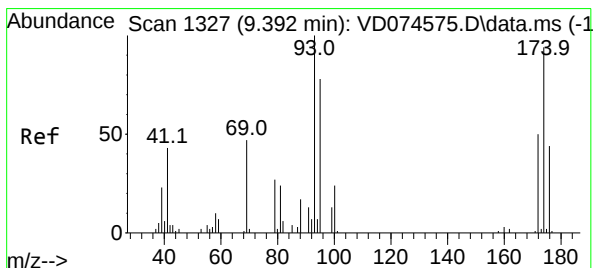
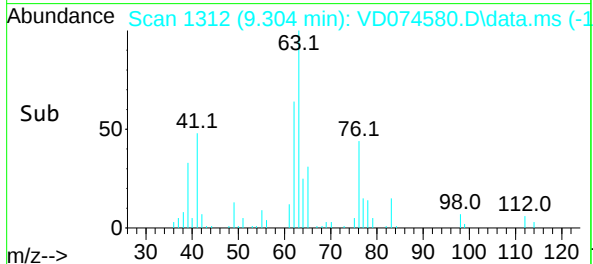
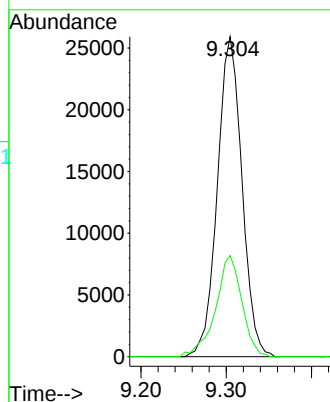
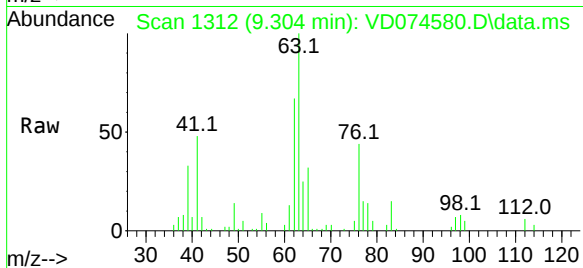
ICVVD101922

Tgt Ion: 63 Resp: 51957

Ion Ratio Lower Upper

63 100

65 31.6 23.1 34.7



#46

Dibromomethane

Concen: 51.885 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

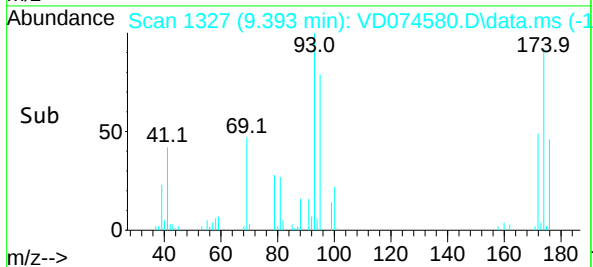
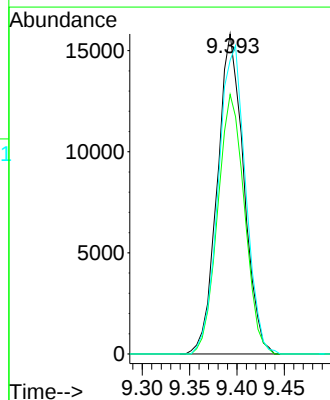
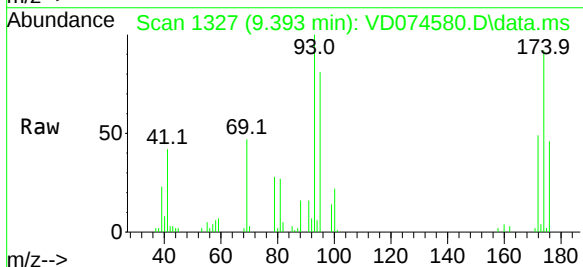
Tgt Ion: 93 Resp: 30625

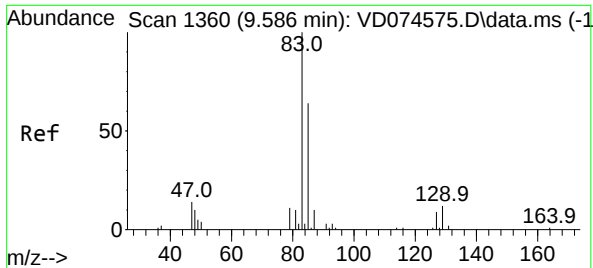
Ion Ratio Lower Upper

93 100

95 82.4 68.2 102.2

174 99.5 87.4 131.0

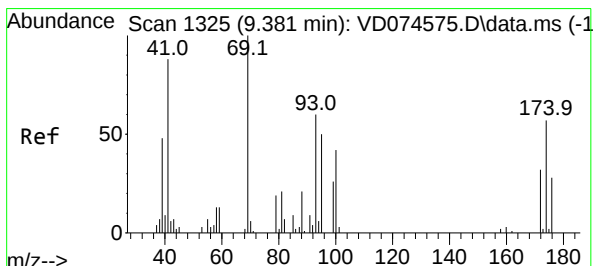
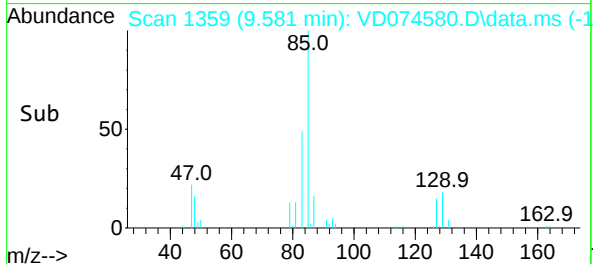
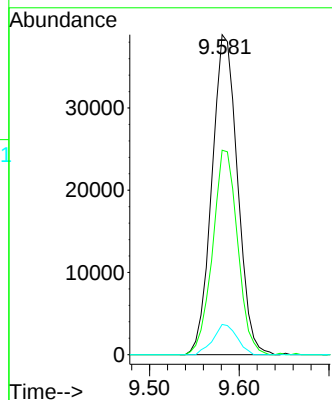
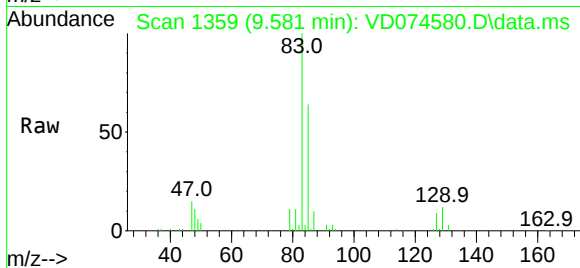




#47
Bromodichloromethane
Concen: 52.791 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

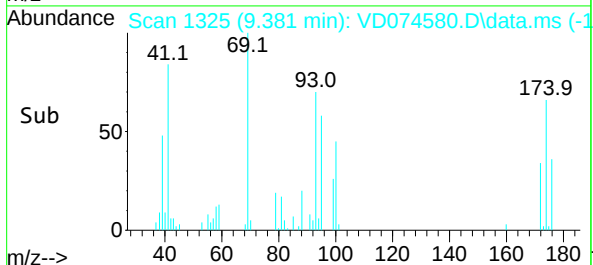
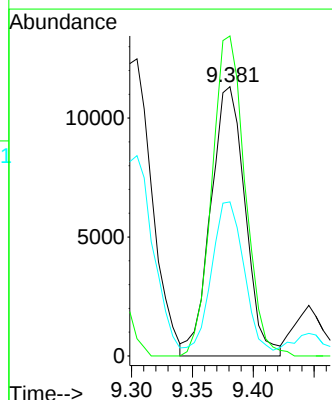
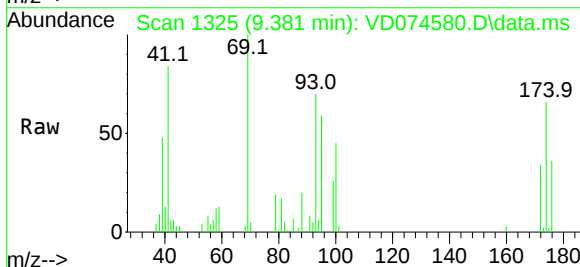
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

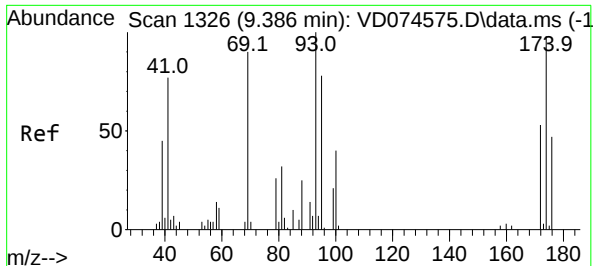
Tgt Ion: 83 Resp: 77095
Ion Ratio Lower Upper
83 100
85 63.9 48.8 73.2
127 9.5 6.7 10.1



#48
Methyl methacrylate
Concen: 52.870 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 41 Resp: 22250
Ion Ratio Lower Upper
41 100
69 114.4 93.0 139.4
39 55.3 44.6 66.8





#49

1,4-Dioxane

Concen: 1051.783 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD101922

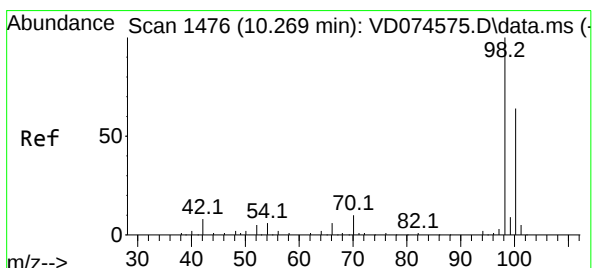
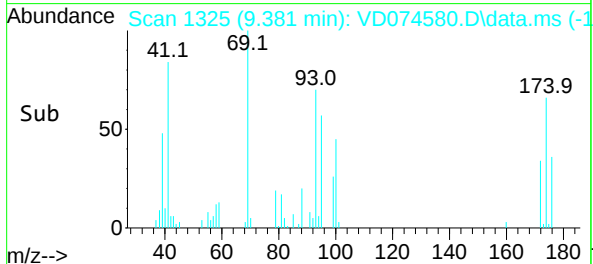
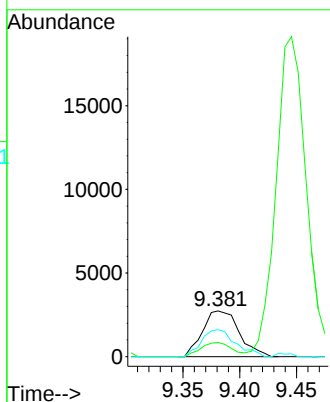
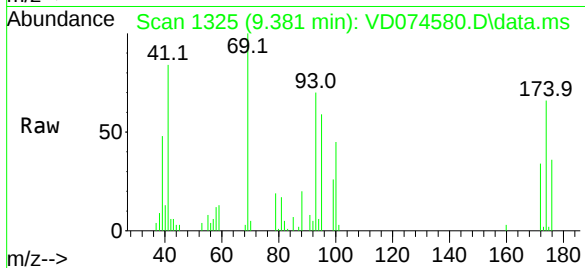
Tgt Ion: 88 Resp: 6110

Ion Ratio Lower Upper

88 100

43 26.8 24.1 36.1

58 55.1 43.1 64.7



#50

Toluene-d8

Concen: 46.483 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074580.D

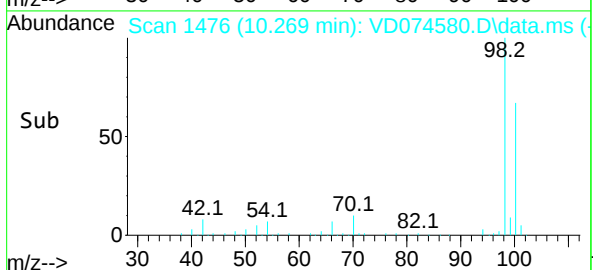
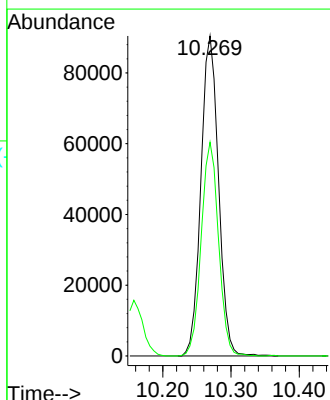
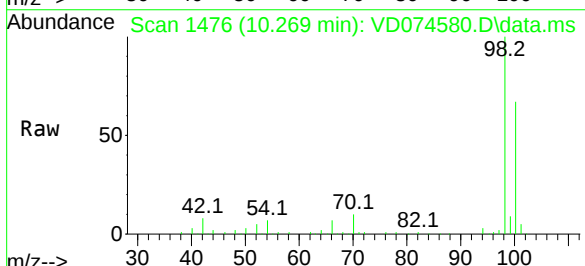
Acq: 19 Oct 2022 15:22

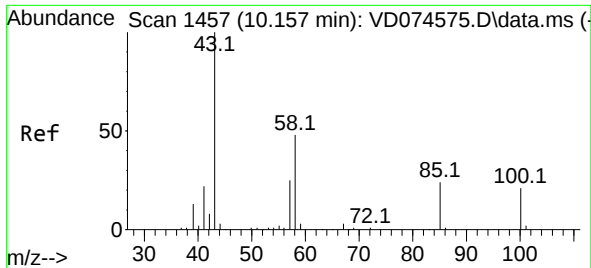
Tgt Ion: 98 Resp: 162647

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

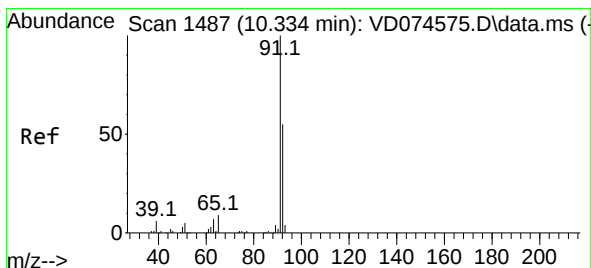
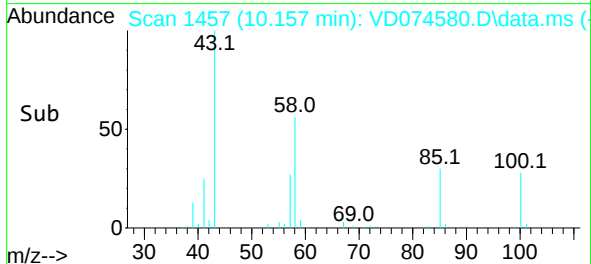
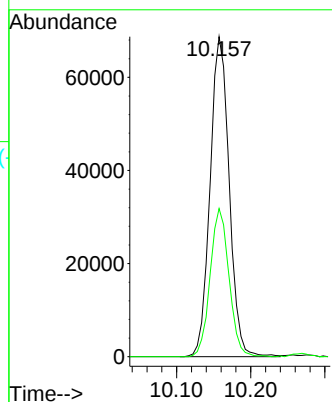
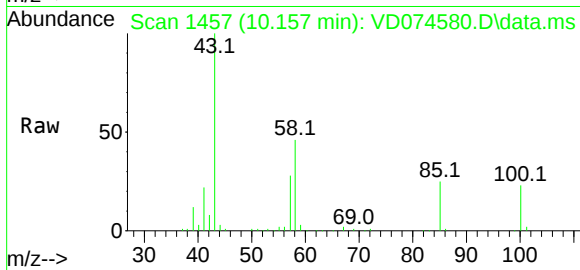




#51
4-Methyl-2-Pentanone
Concen: 268.687 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

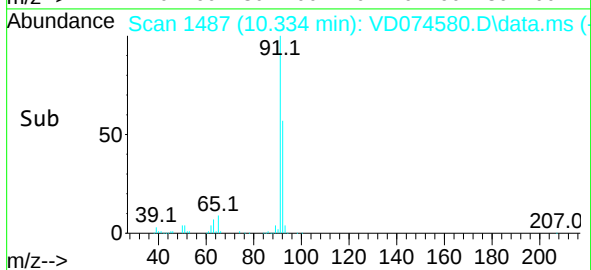
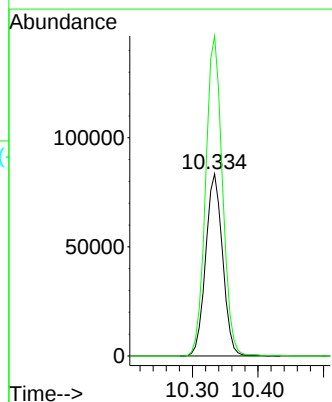
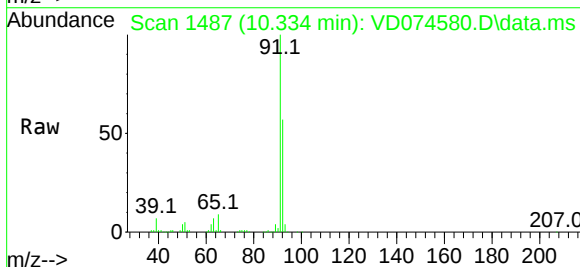
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

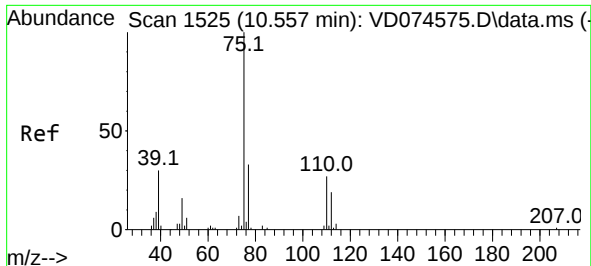
Tgt Ion: 43 Resp: 123067
Ion Ratio Lower Upper
43 100
58 45.7 37.8 56.6



#52
Toluene
Concen: 52.116 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 92 Resp: 149805
Ion Ratio Lower Upper
92 100
91 174.4 139.0 208.4

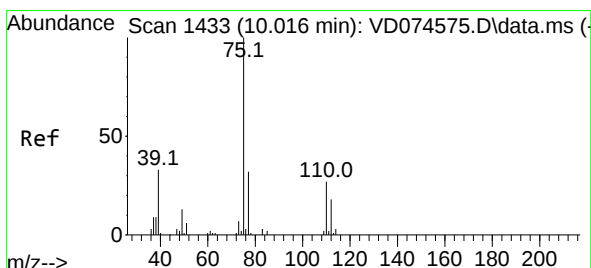
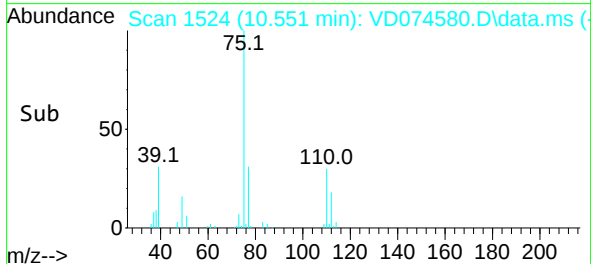
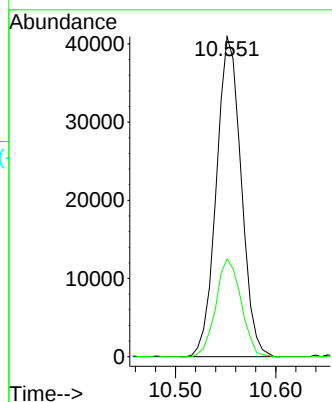
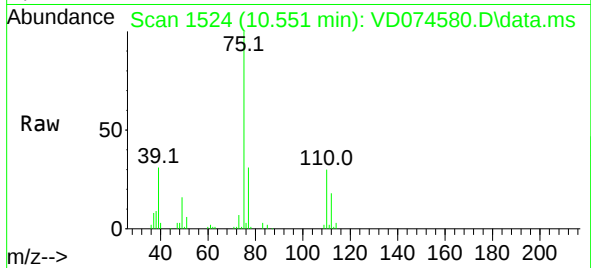




#53
t-1,3-Dichloropropene
Concen: 54.656 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

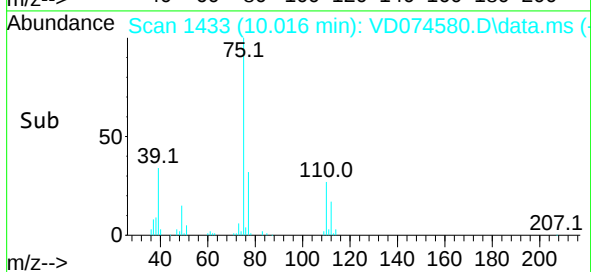
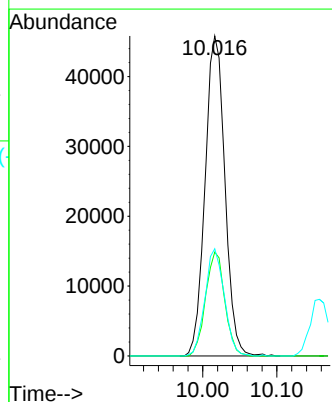
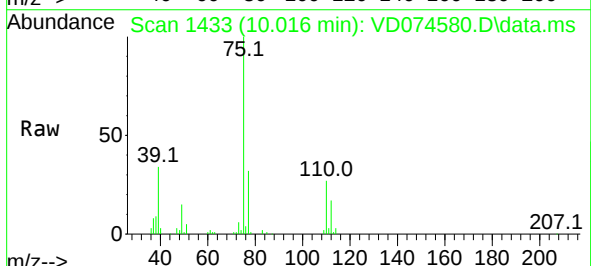
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

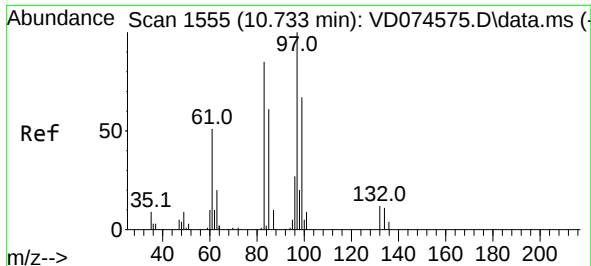
Tgt Ion: 75 Resp: 70178
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 52.530 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 75 Resp: 85043
Ion Ratio Lower Upper
75 100
77 32.5 24.7 37.1
39 33.5 25.4 38.2

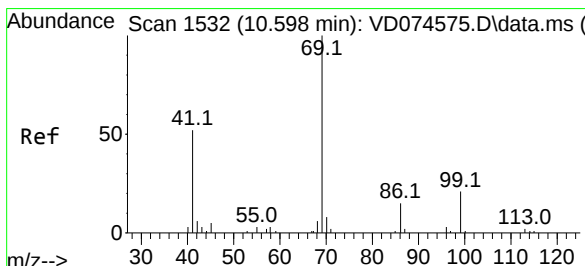
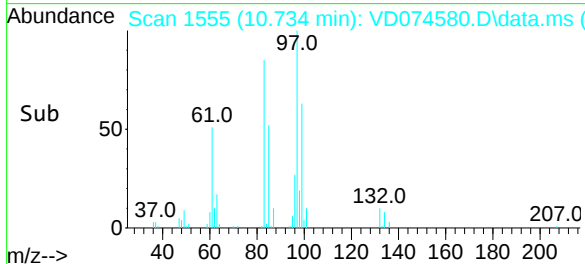
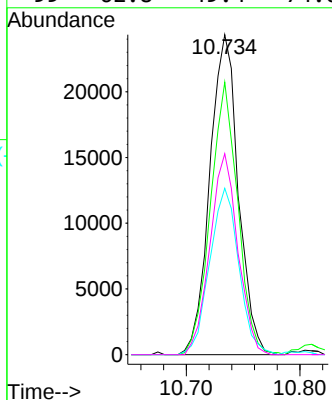
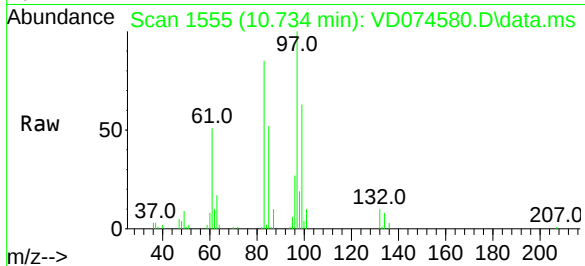




#55
1,1,2-Trichloroethane
Concen: 52.402 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

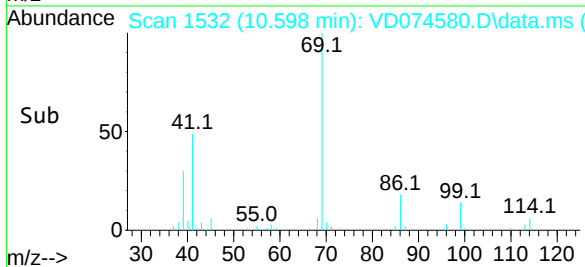
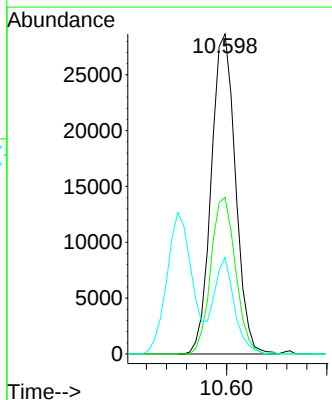
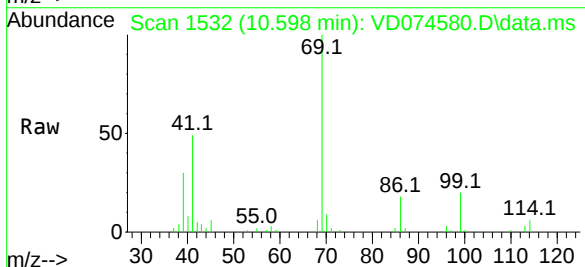
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

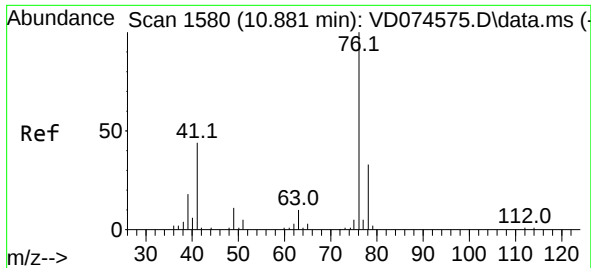
Tgt Ion:	97	Resp:	42496
Ion	Ratio	Lower	Upper
97	100		
83	85.1	64.8	97.2
85	52.0	44.8	67.2
99	62.8	49.4	74.0



#56
Ethyl methacrylate
Concen: 54.175 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:	69	Resp:	48025
Ion	Ratio	Lower	Upper
69	100		
41	49.9	38.6	58.0
39	26.5	19.9	29.9





#57

1,3-Dichloropropane

Concen: 51.512 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

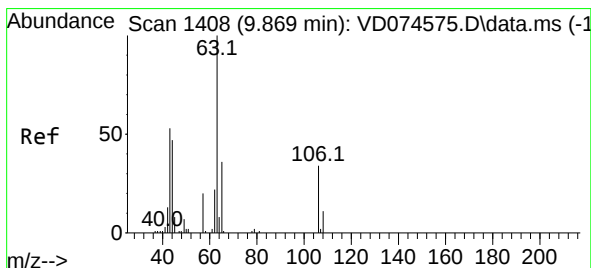
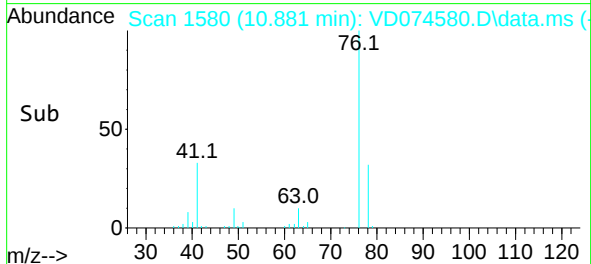
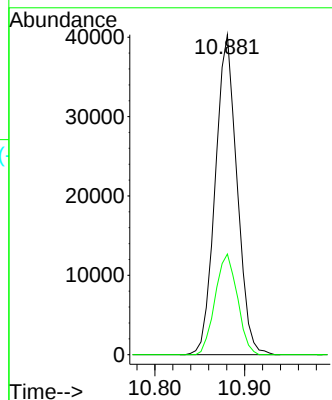
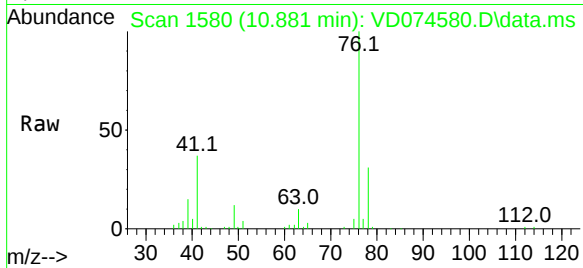
ICVVD101922

Tgt Ion: 76 Resp: 67768

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 291.591 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074580.D

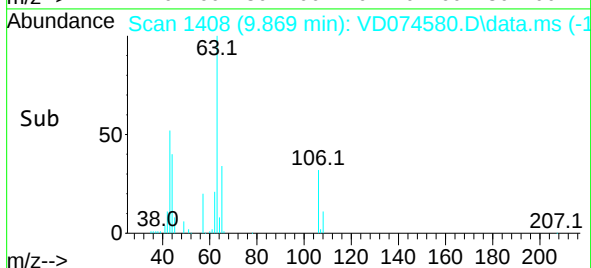
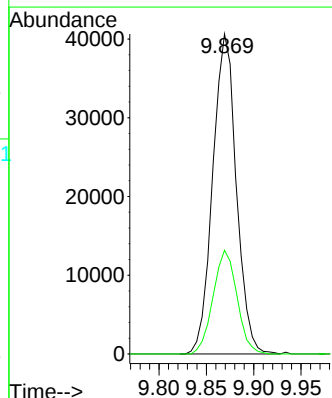
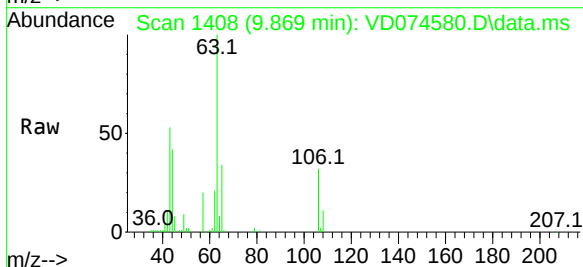
Acq: 19 Oct 2022 15:22

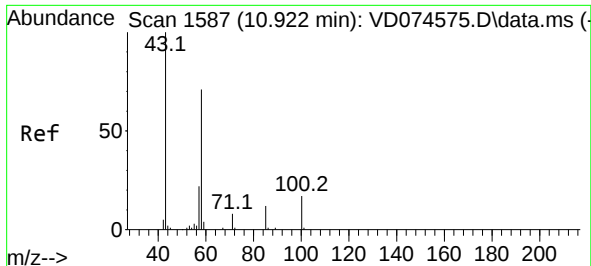
Tgt Ion: 63 Resp: 70383

Ion Ratio Lower Upper

63 100

106 32.8 26.5 39.7

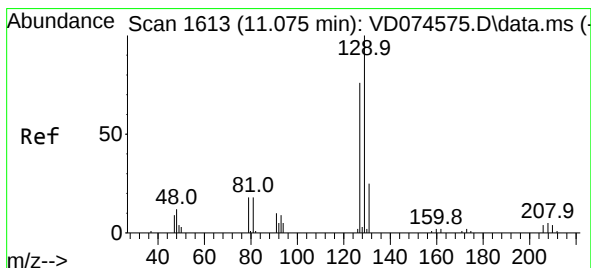
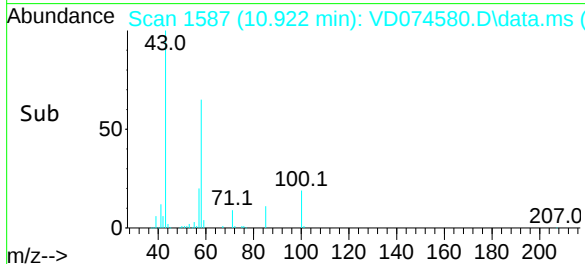
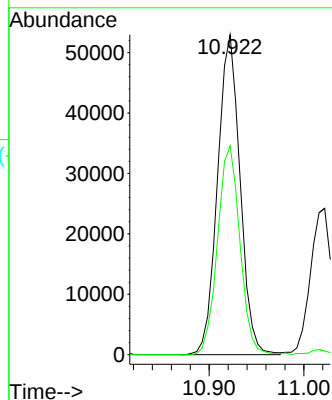
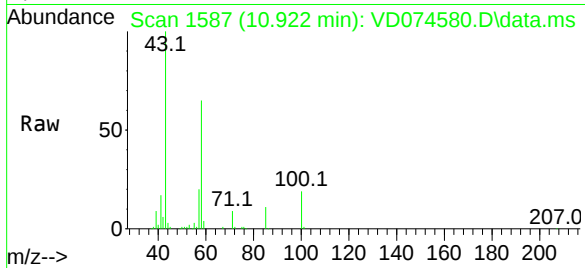




#59
2-Hexanone
Concen: 280.267 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

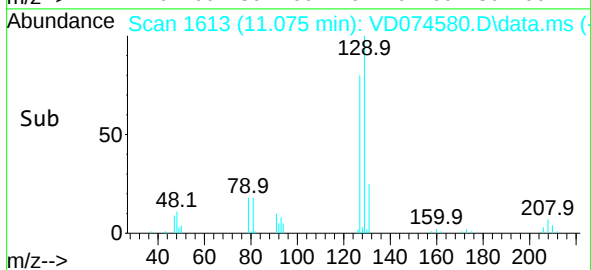
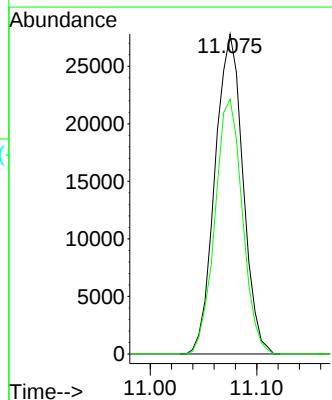
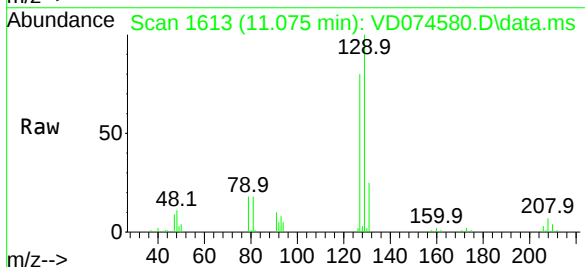
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

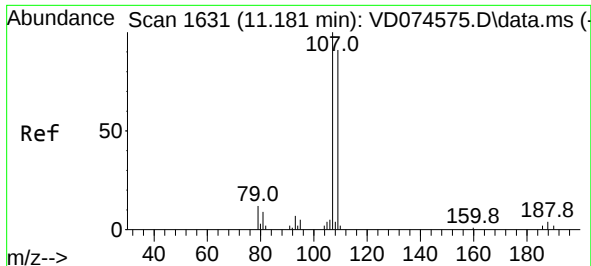
Tgt Ion: 43 Resp: 87619
Ion Ratio Lower Upper
43 100
58 64.8 32.0 96.2



#60
Dibromochloromethane
Concen: 51.762 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 129 Resp: 50597
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2

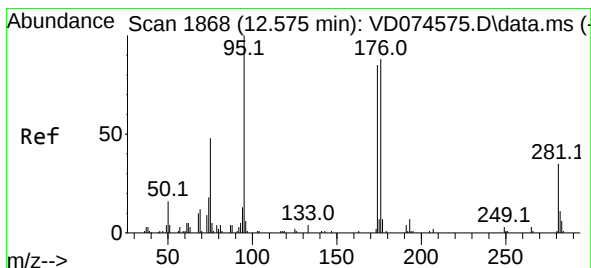
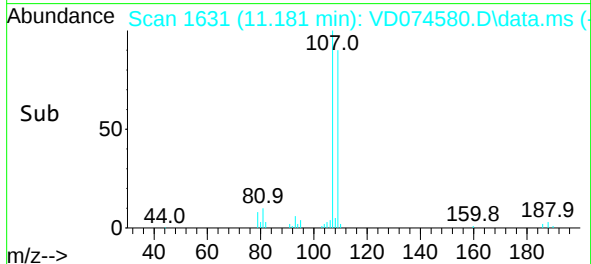
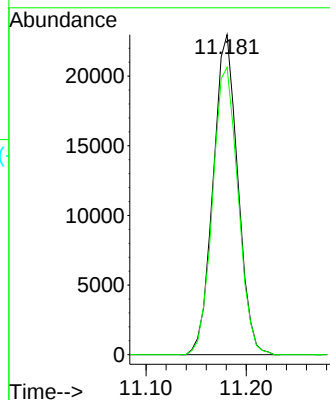
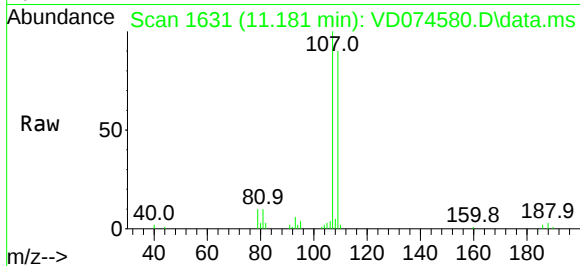




#61
1,2-Dibromoethane
Concen: 53.022 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

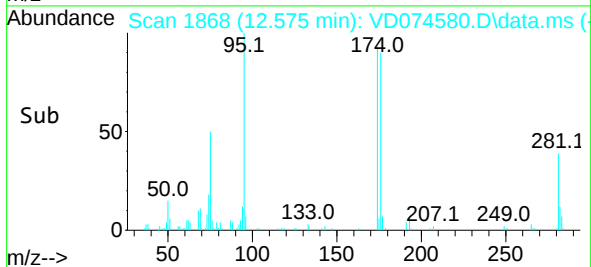
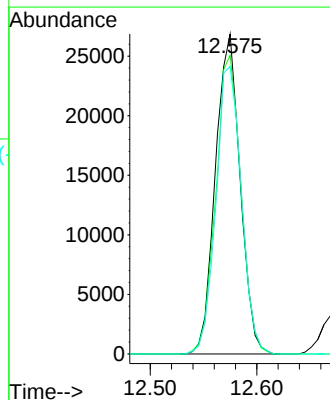
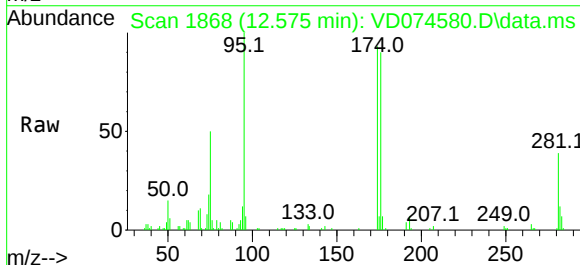
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

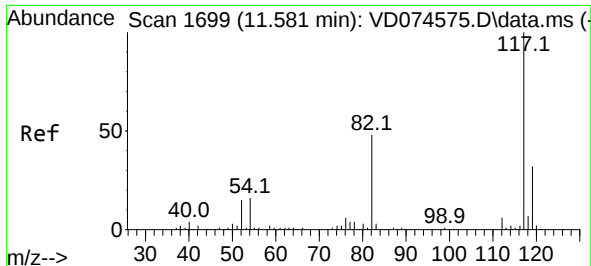
Tgt Ion:107 Resp: 39251
Ion Ratio Lower Upper
107 100
109 92.7 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 42.601 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 95 Resp: 43171
Ion Ratio Lower Upper
95 100
174 95.2 0.0 197.0
176 92.4 0.0 182.6

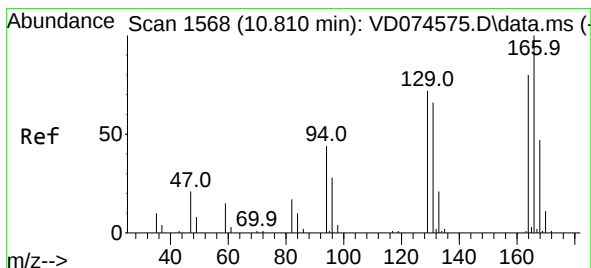
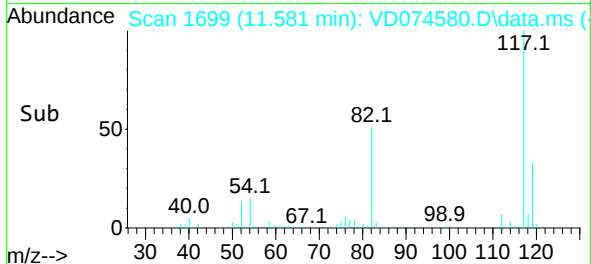
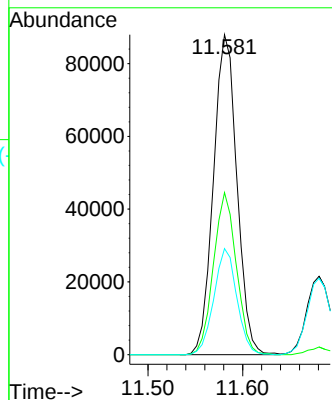
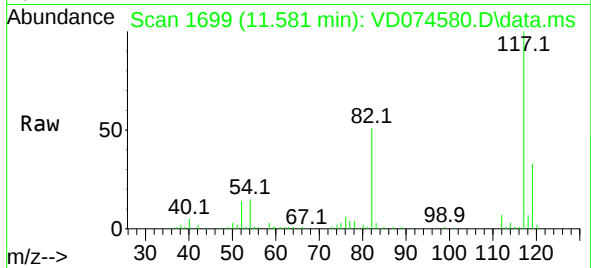




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

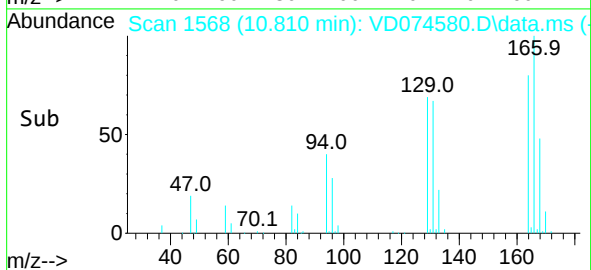
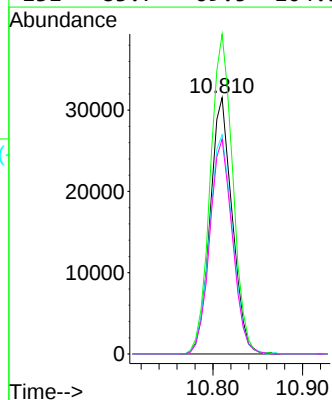
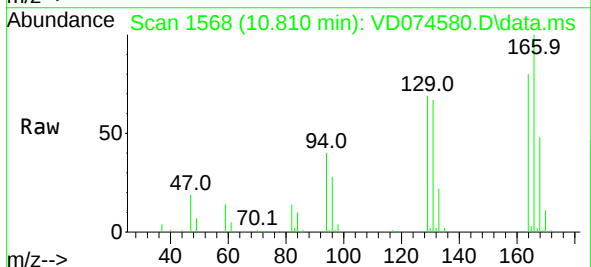
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

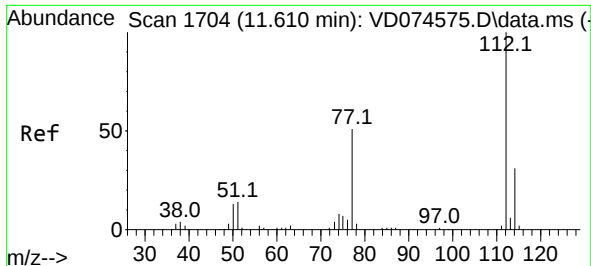
Tgt Ion:117 Resp: 151476
Ion Ratio Lower Upper
117 100
82 50.7 41.6 62.4
119 33.1 25.2 37.8



#64
Tetrachloroethene
Concen: 48.006 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:164 Resp: 53750
Ion Ratio Lower Upper
164 100
166 124.8 107.8 161.8
129 85.5 77.4 116.2
131 83.7 69.5 104.3

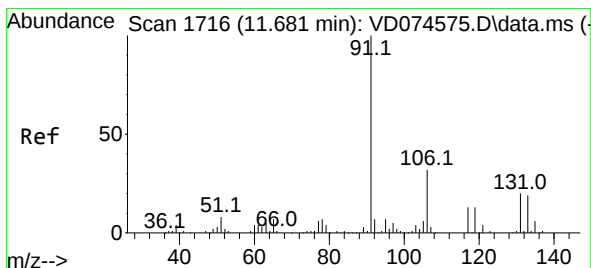
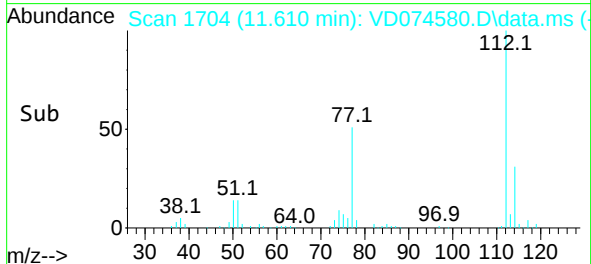
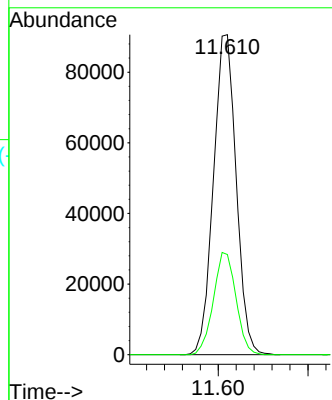
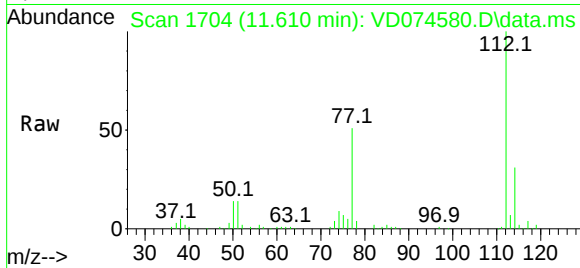




#65
Chlorobenzene
Concen: 49.983 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

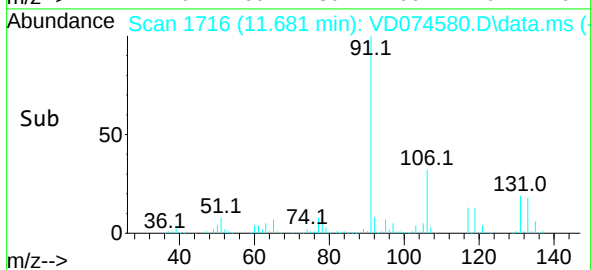
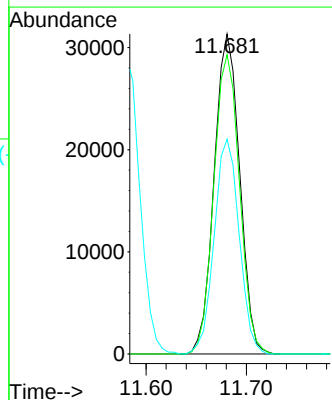
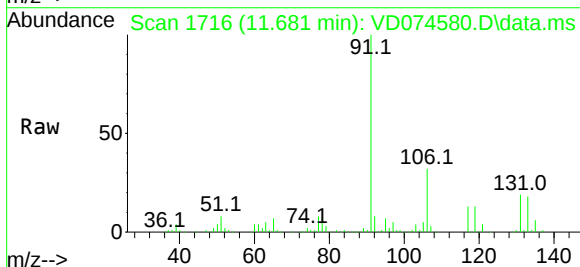
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

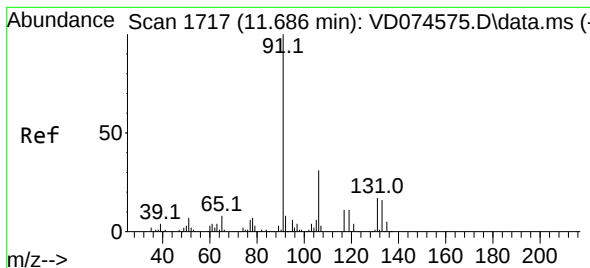
Tgt Ion:112 Resp: 159480
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.510 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:131 Resp: 55369
Ion Ratio Lower Upper
131 100
133 94.3 46.6 139.8
119 65.8 32.5 97.4





#67

Ethyl Benzene

Concen: 50.606 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

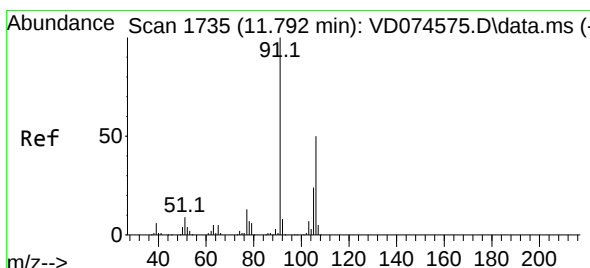
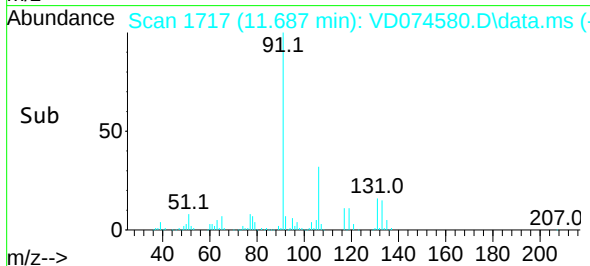
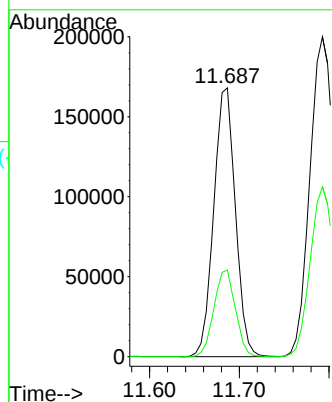
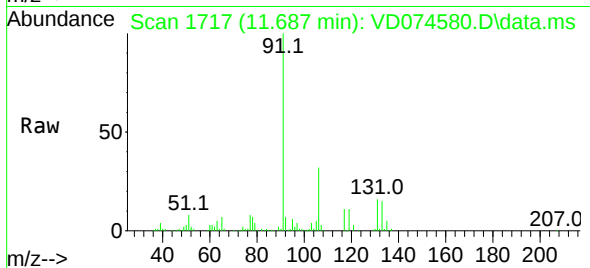
ICVVD101922

Tgt Ion: 91 Resp: 281169

Ion Ratio Lower Upper

91 100

106 32.2 26.6 40.0



#68

m/p-Xylenes

Concen: 91.171 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD074580.D

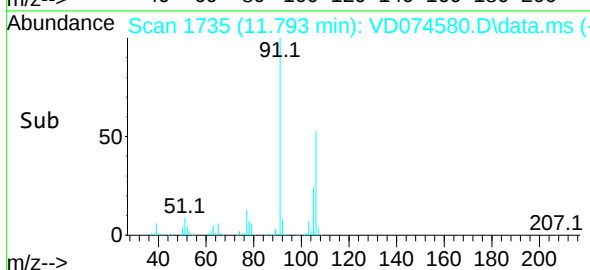
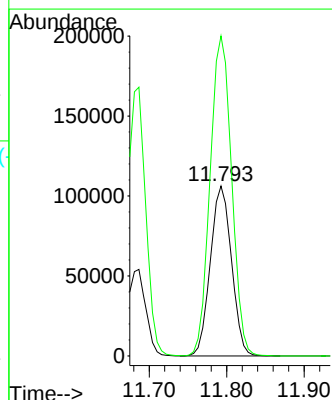
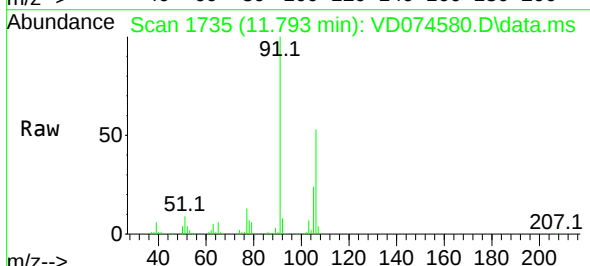
Acq: 19 Oct 2022 15:22

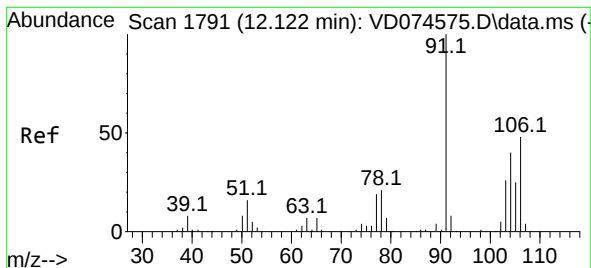
Tgt Ion:106 Resp: 201408

Ion Ratio Lower Upper

106 100

91 191.8 156.2 234.4

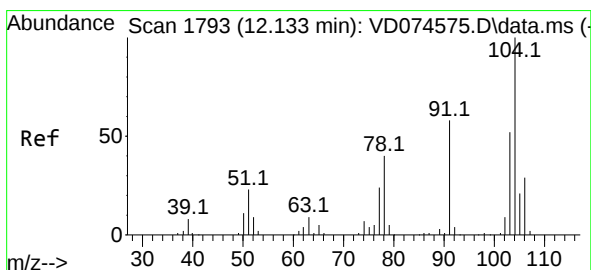
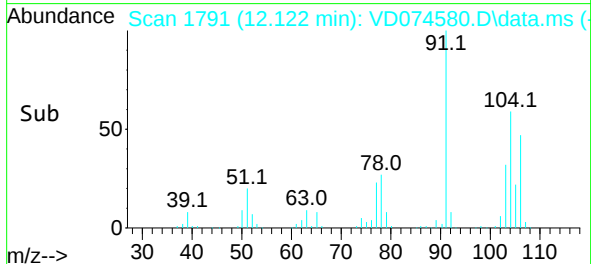
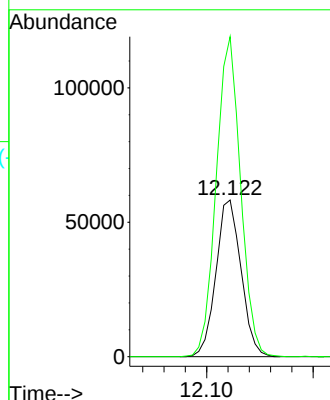
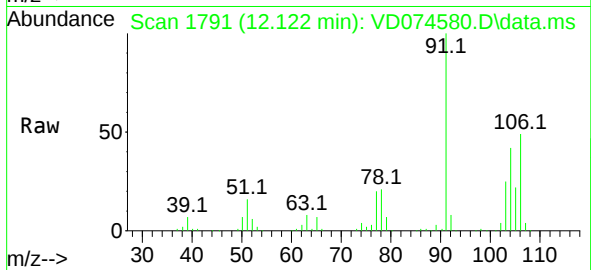




#69
o-Xylene
Concen: 46.256 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

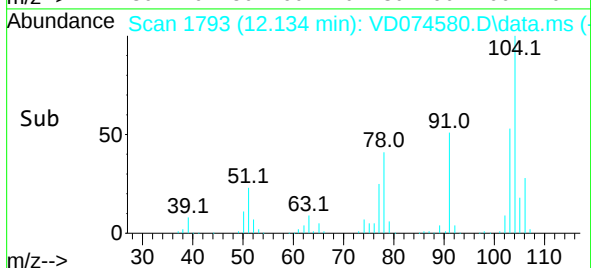
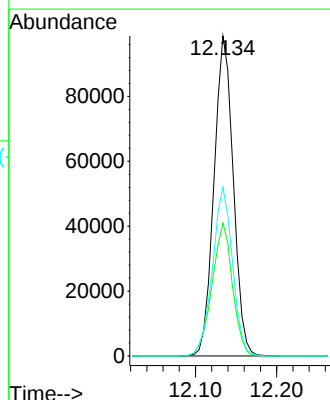
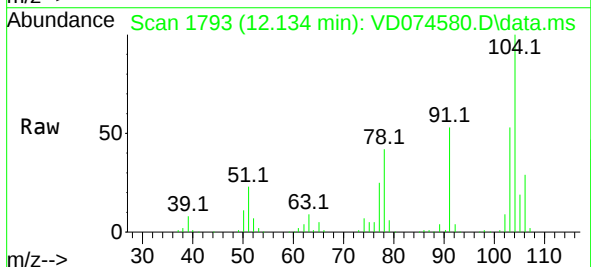
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

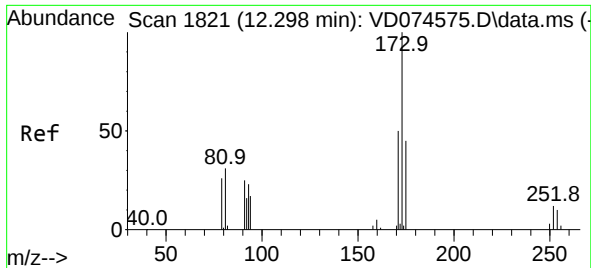
Tgt Ion:106 Resp: 95101
Ion Ratio Lower Upper
106 100
91 198.4 104.5 313.3



#70
Styrene
Concen: 46.967 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:104 Resp: 162620
Ion Ratio Lower Upper
104 100
78 44.1 35.7 53.5
103 54.7 43.7 65.5

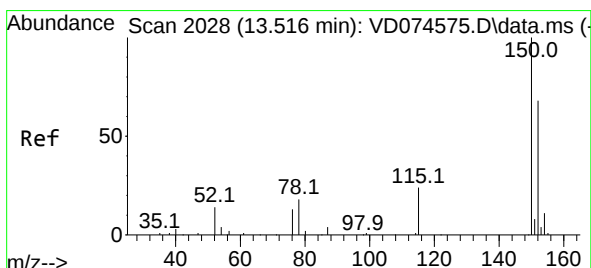
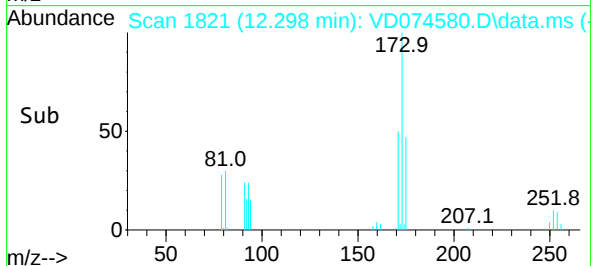
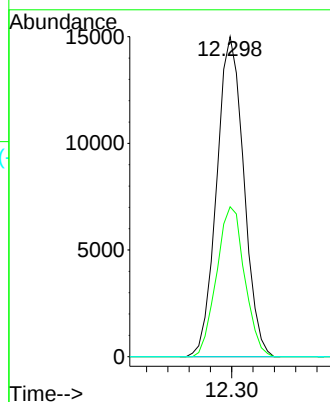
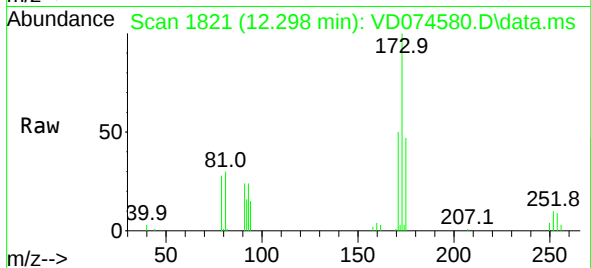




#71
Bromoform
Concen: 46.041 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

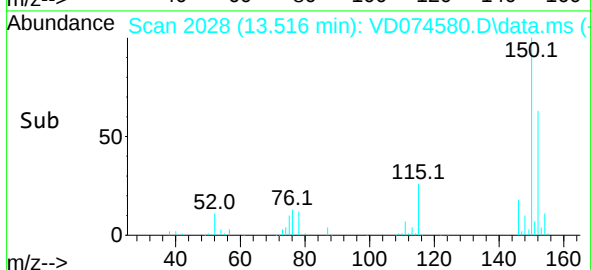
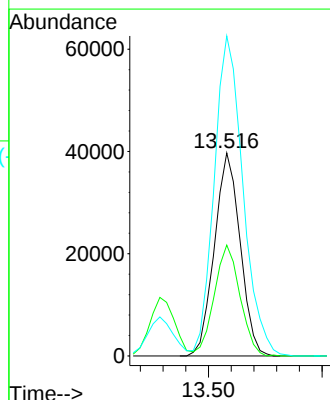
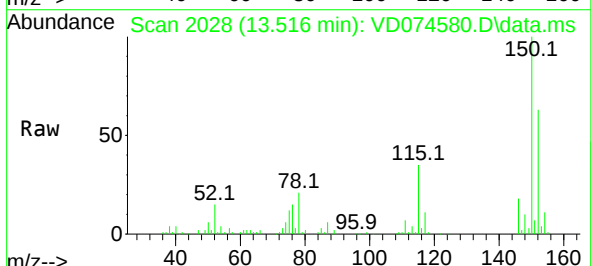
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

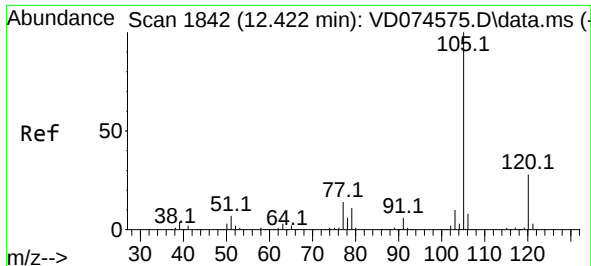
Tgt Ion:173 Resp: 26498
Ion Ratio Lower Upper
173 100
175 48.4 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:152 Resp: 62546
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.4
150 176.6 0.0 348.2

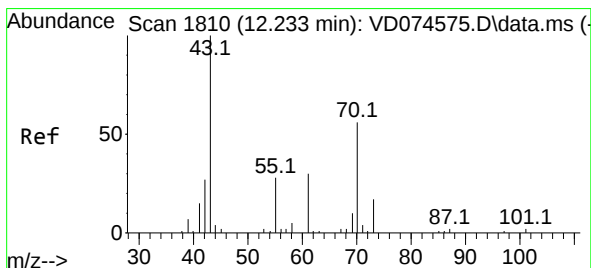
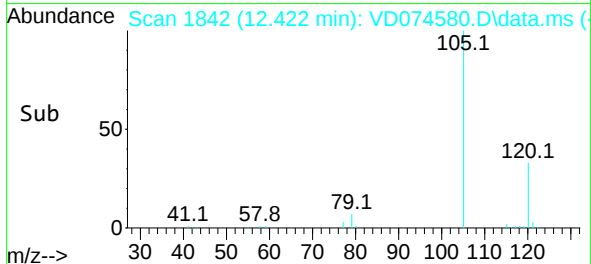
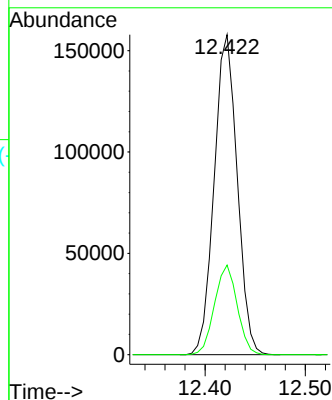
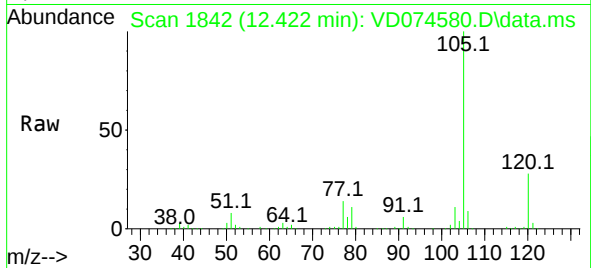




#73
Isopropylbenzene
Concen: 51.474 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

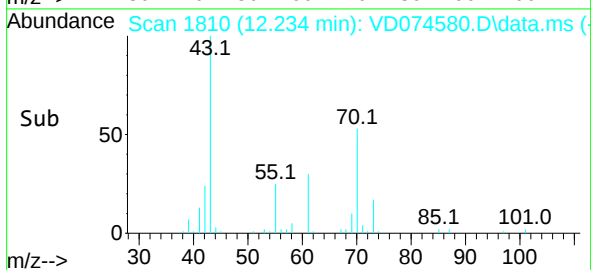
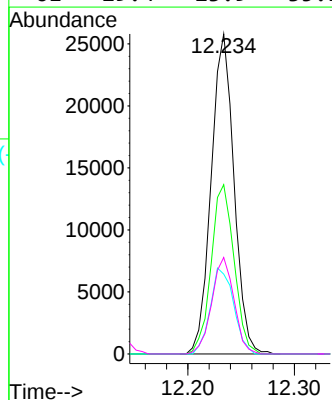
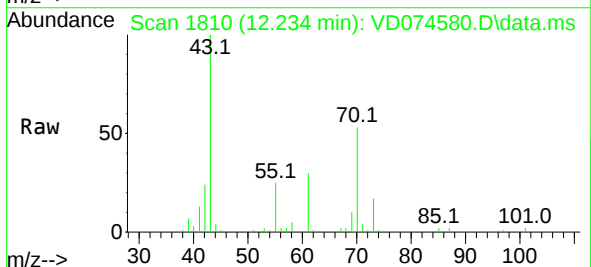
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

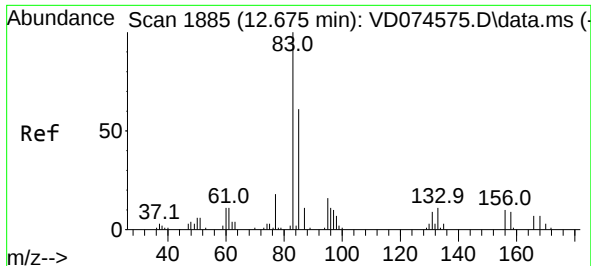
Tgt Ion:105 Resp: 251086
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4



#74
N-ethyl acetate
Concen: 53.243 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 43 Resp: 38388
Ion Ratio Lower Upper
43 100
70 53.2 43.8 65.6
55 27.6 22.0 33.0
61 29.4 23.9 35.9

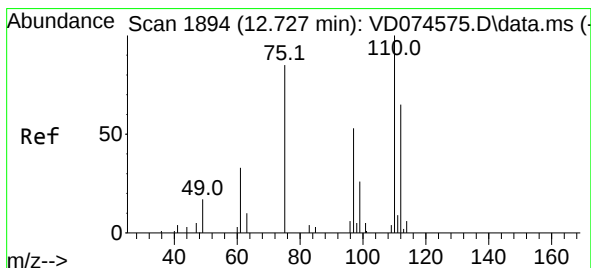
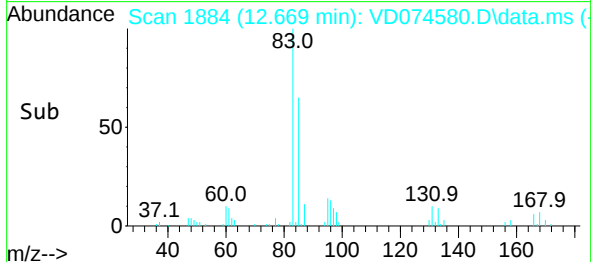
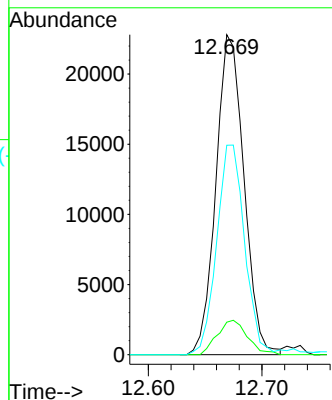
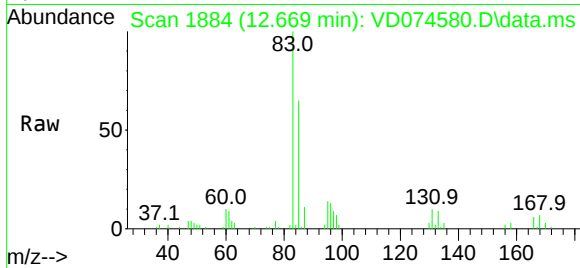




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.663 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

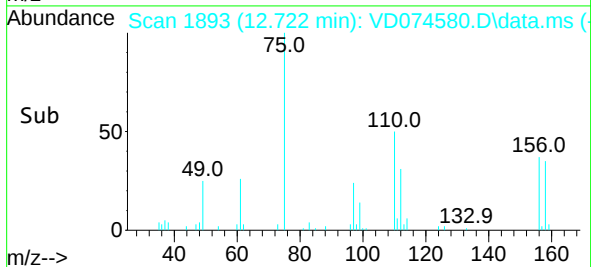
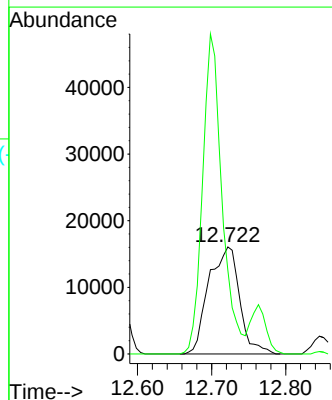
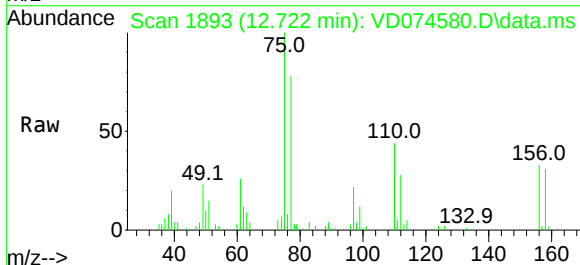
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101922

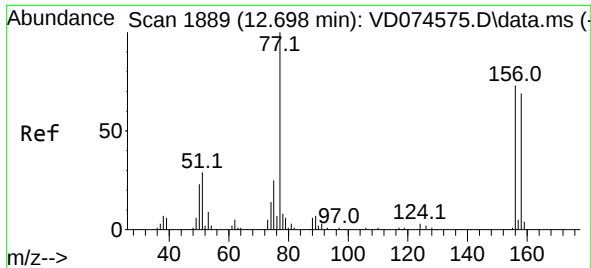
Tgt Ion: 83 Resp: 39122
 Ion Ratio Lower Upper
 83 100
 131 11.6 4.7 14.1
 85 65.7 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 84.961 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

Tgt Ion: 75 Resp: 46400
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

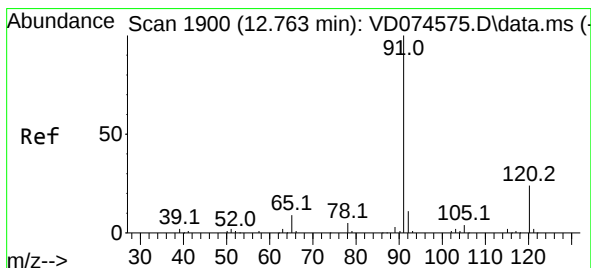
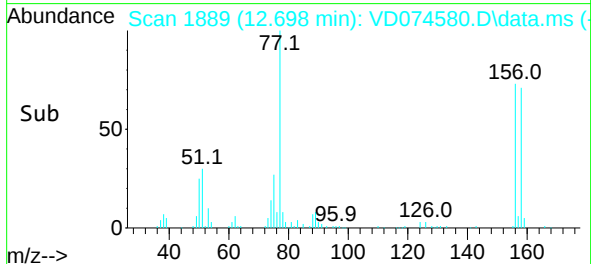
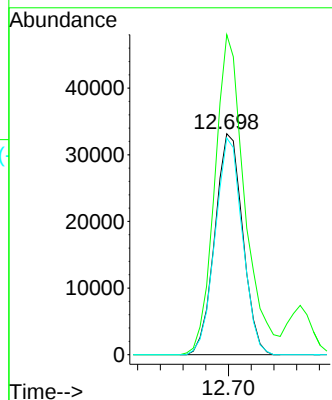
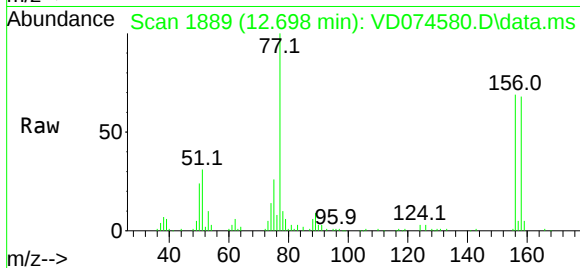




#77
Bromobenzene
Concen: 51.138 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

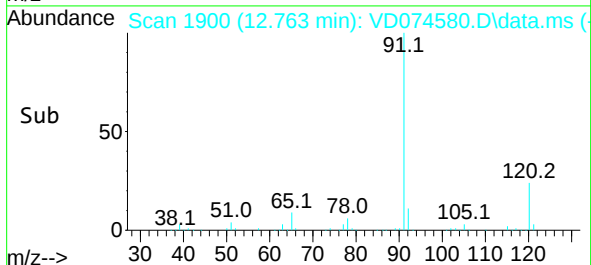
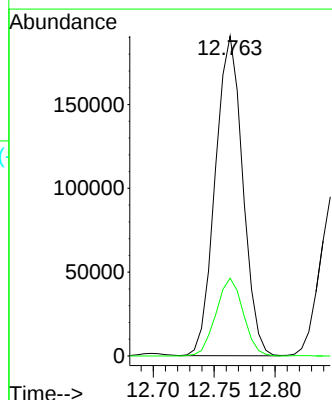
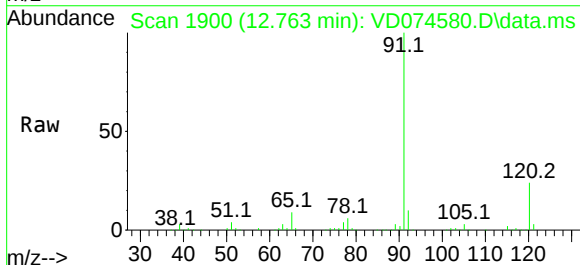
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

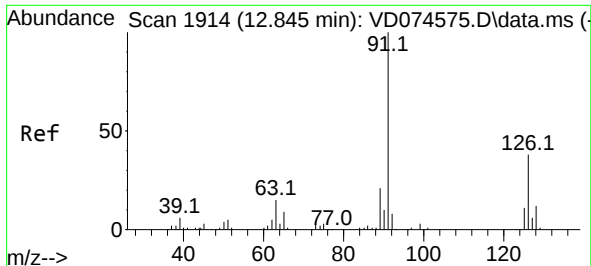
Tgt Ion	Ratio	Lower	Upper
156	100		
77	156.5	77.7	233.1
158	96.5	49.4	148.2



#78
n-propylbenzene
Concen: 51.892 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.9	35.7

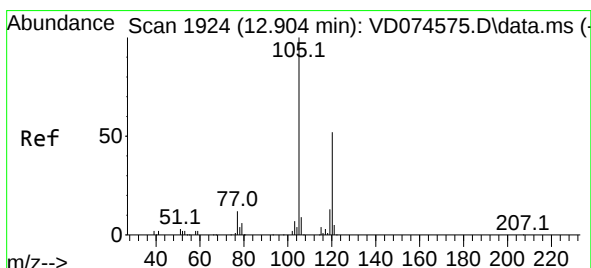
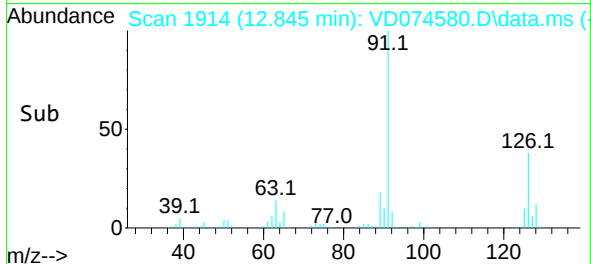
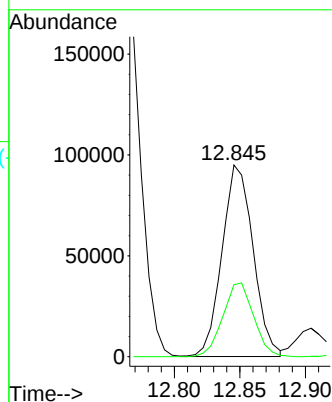
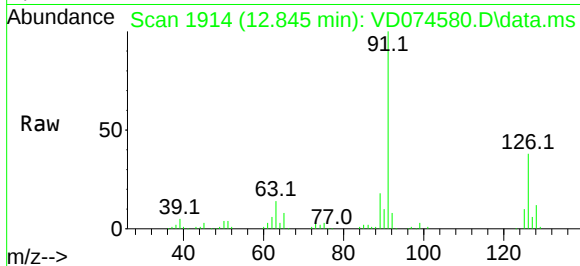




#79
2-Chlorotoluene
Concen: 50.152 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

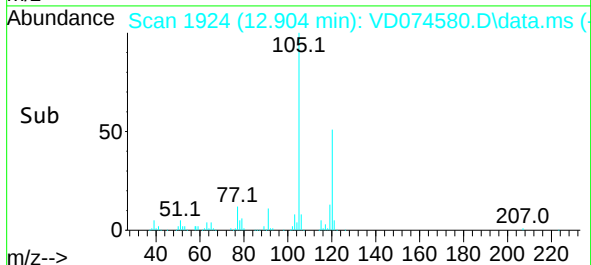
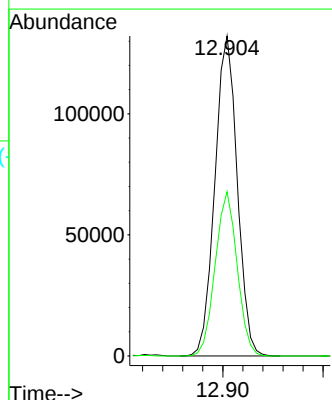
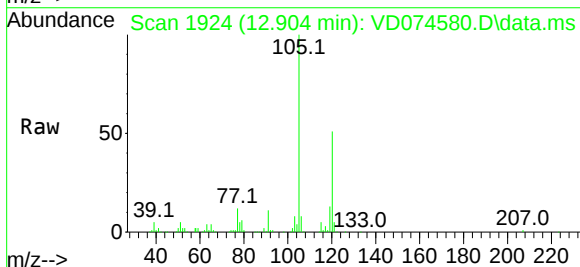
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

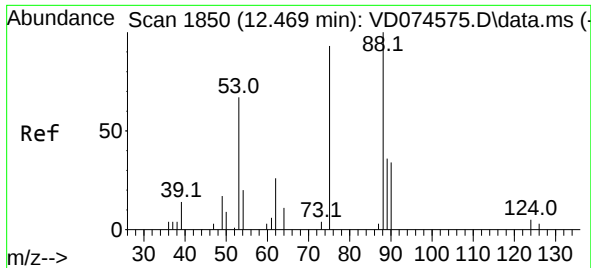
Tgt Ion: 91 Resp: 156627
Ion Ratio Lower Upper
91 100
126 38.1 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 51.630 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 105 Resp: 204440
Ion Ratio Lower Upper
105 100
120 50.4 25.7 77.0

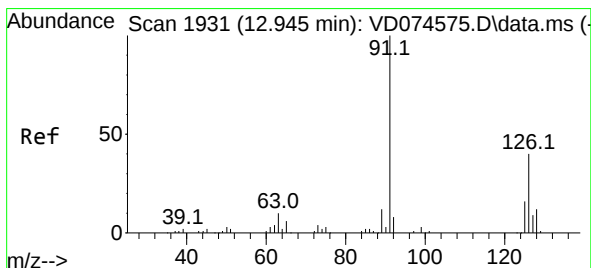
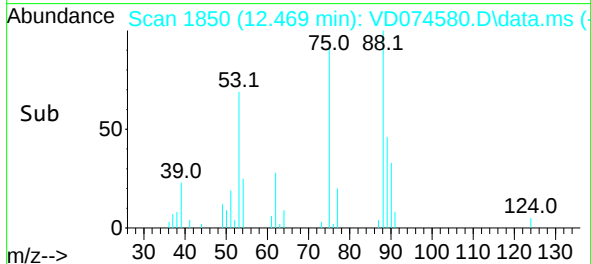
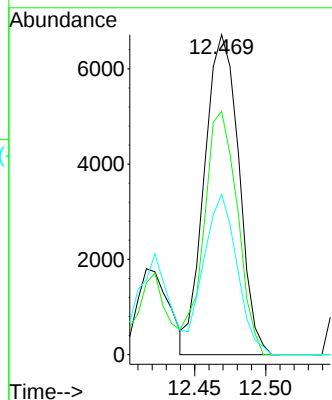
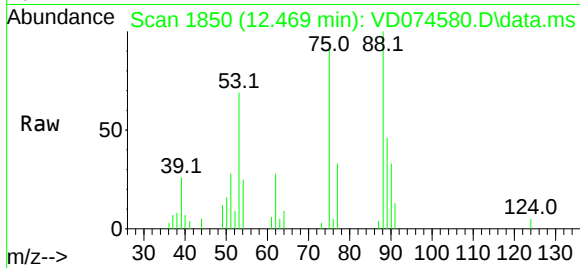




#81
trans-1,4-Dichloro-2-butene
Concen: 53.030 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

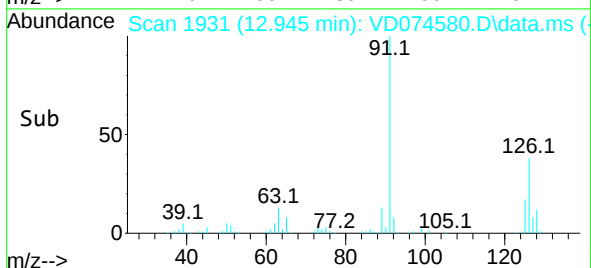
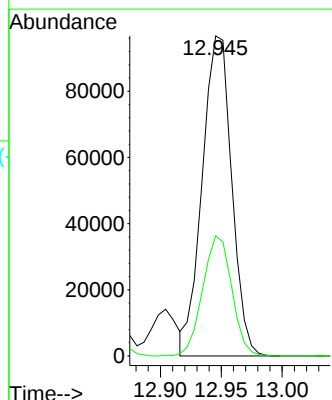
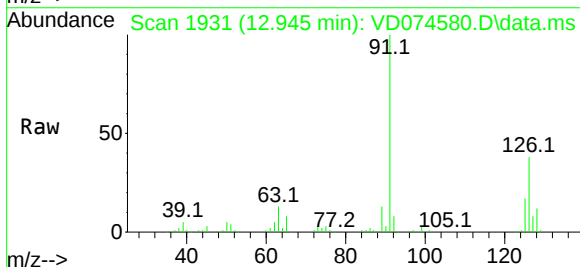
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

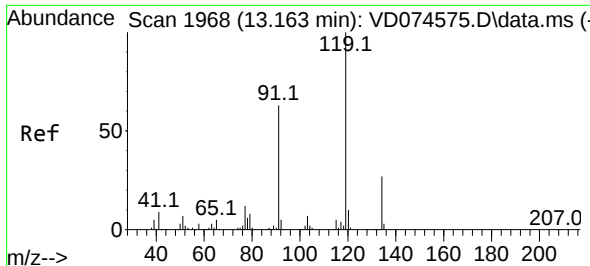
Tgt Ion: 75 Resp: 11333
Ion Ratio Lower Upper
75 100
53 74.0 63.8 95.6
89 47.8 38.2 57.4



#82
4-Chlorotoluene
Concen: 50.707 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 91 Resp: 162697
Ion Ratio Lower Upper
91 100
126 37.0 18.8 56.4

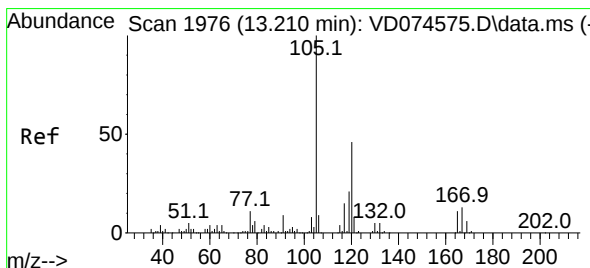
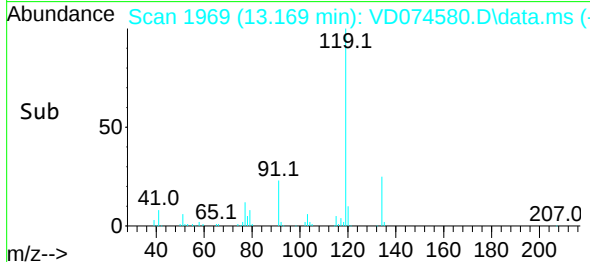
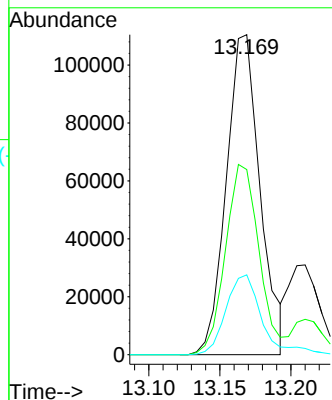
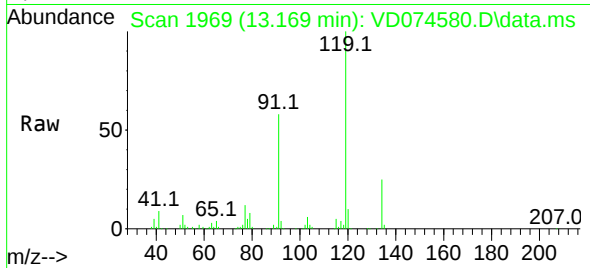




#83
tert-Butylbenzene
Concen: 51.766 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

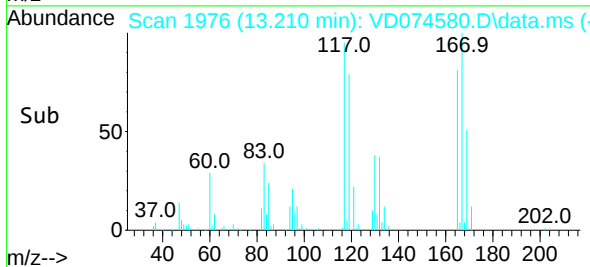
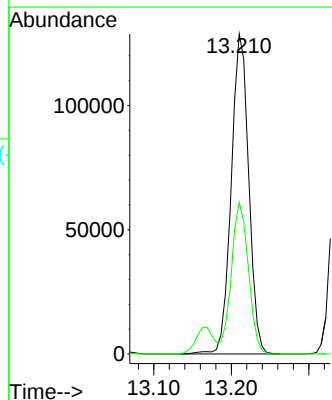
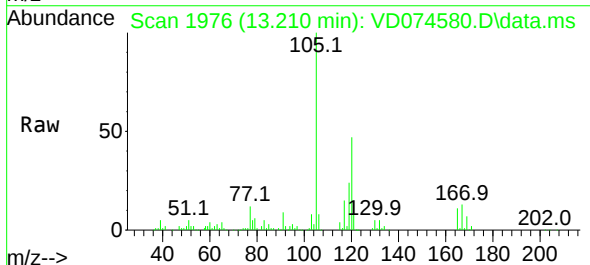
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

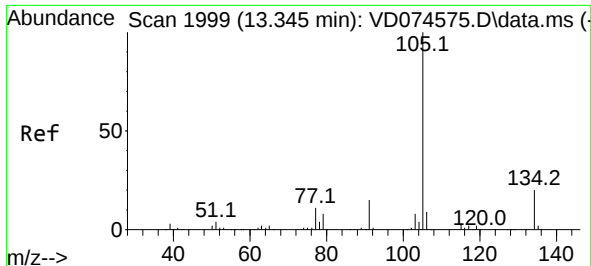
Tgt Ion:119 Resp: 182856
Ion Ratio Lower Upper
119 100
91 58.9 30.0 90.0
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 51.814 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion:105 Resp: 201896
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.7

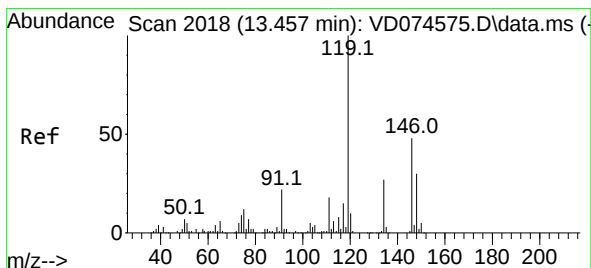
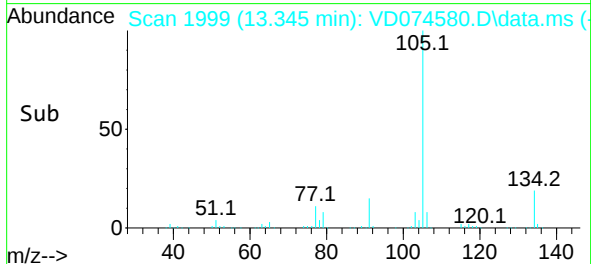
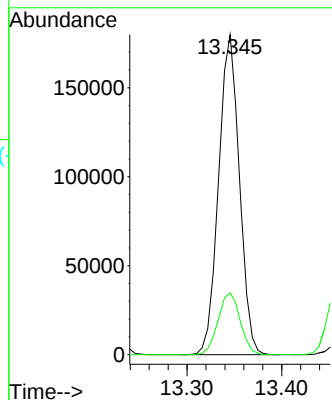
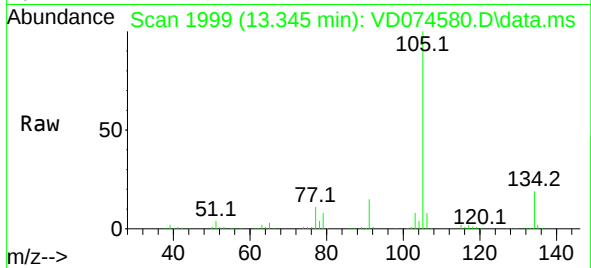




#85
 sec-Butylbenzene
 Concen: 51.752 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

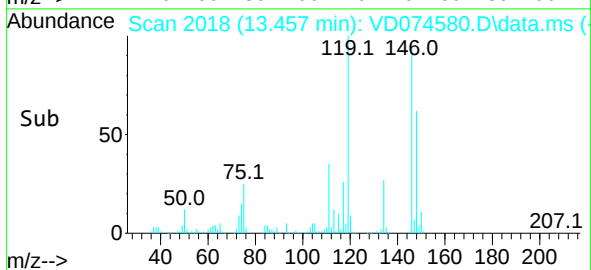
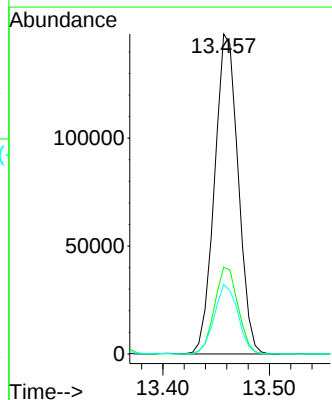
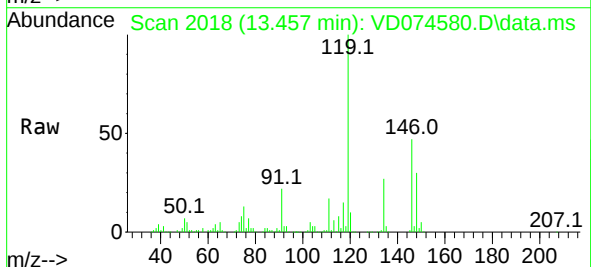
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101922

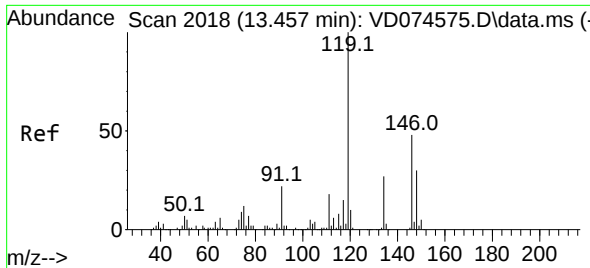
Tgt Ion:105 Resp: 274325
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 51.456 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

Tgt Ion:119 Resp: 228504
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.7 10.8 32.4

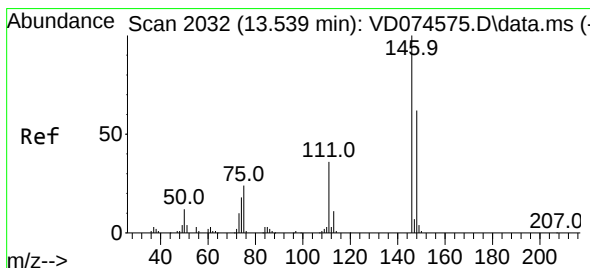
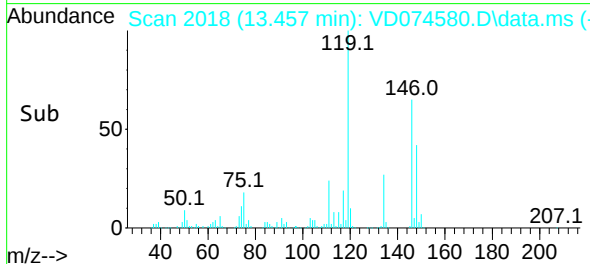
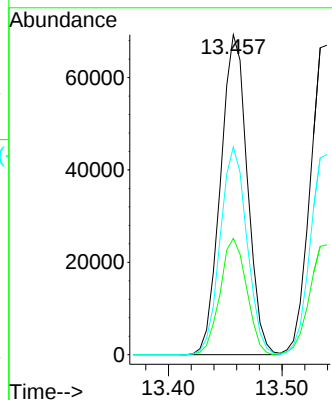
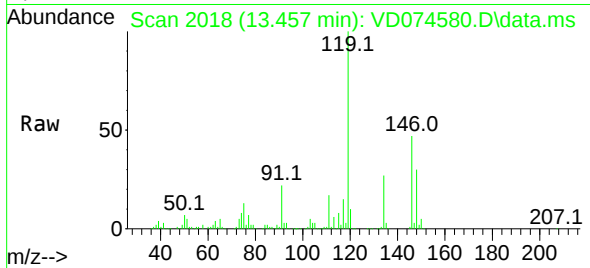




#87
 1,3-Dichlorobenzene
 Concen: 49.709 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

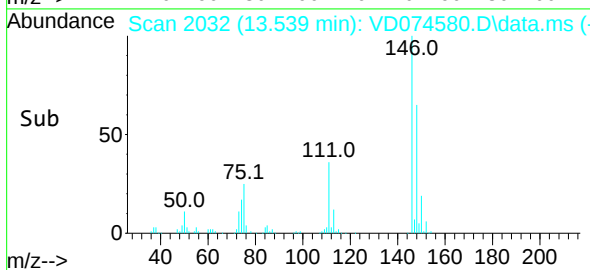
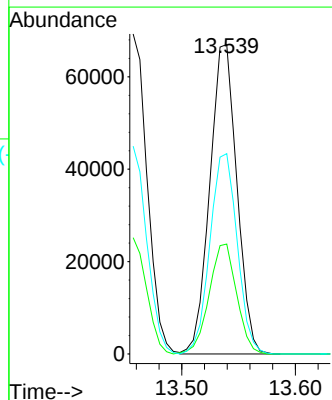
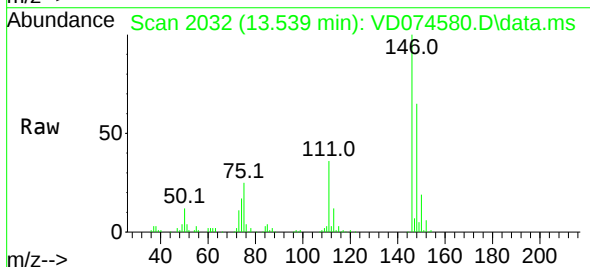
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101922

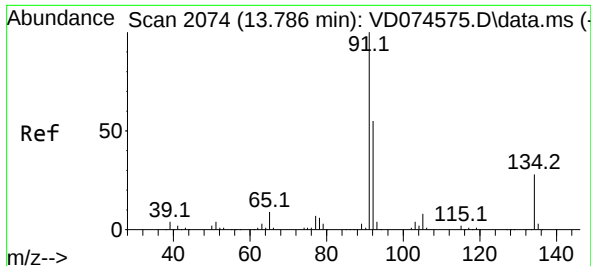
Tgt Ion:146 Resp: 113723
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.3 54.8
 148 64.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.663 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.005 min
 Lab File: VD074580.D
 Acq: 19 Oct 2022 15:22

Tgt Ion:146 Resp: 111225
 Ion Ratio Lower Upper
 146 100
 111 36.1 17.7 53.1
 148 65.3 32.3 96.9

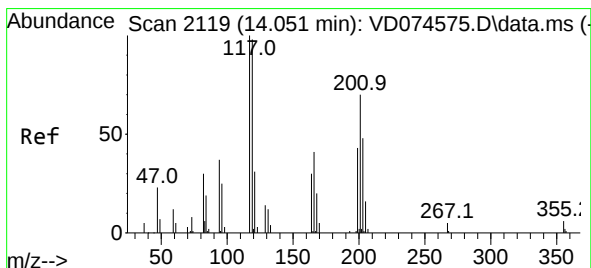
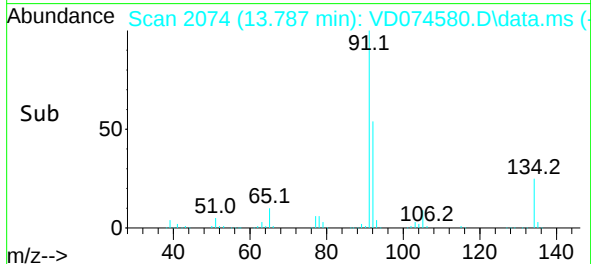
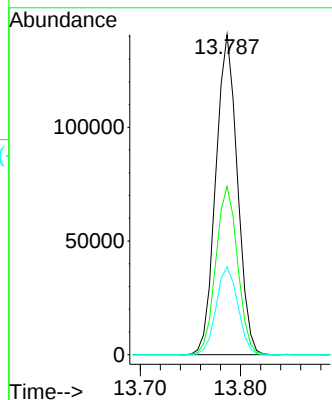
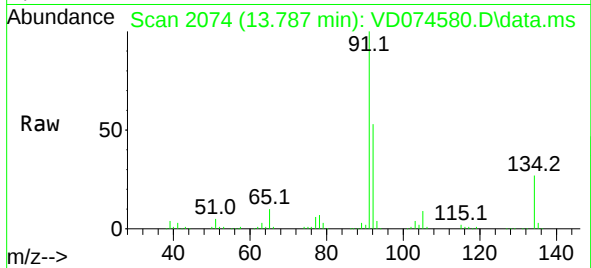




#89
n-Butylbenzene
Concen: 51.908 ug/l
RT: 13.787 min Scan# 210008
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

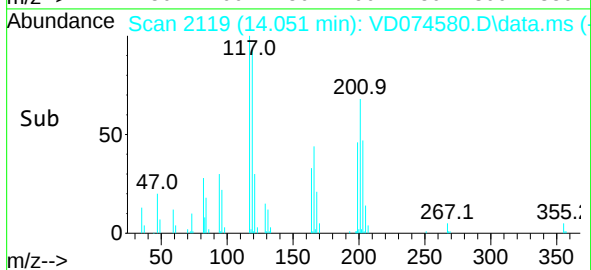
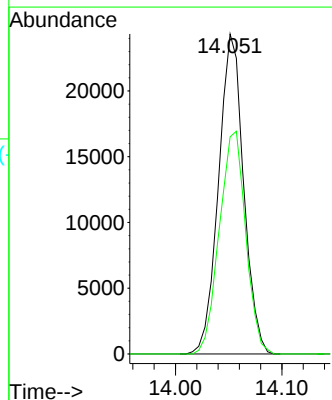
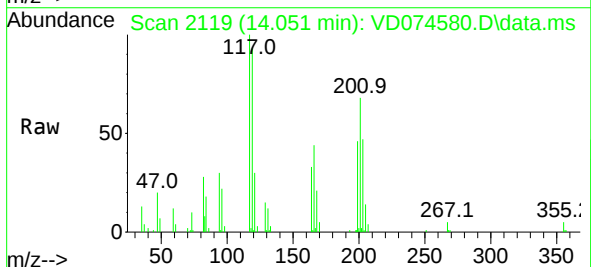
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

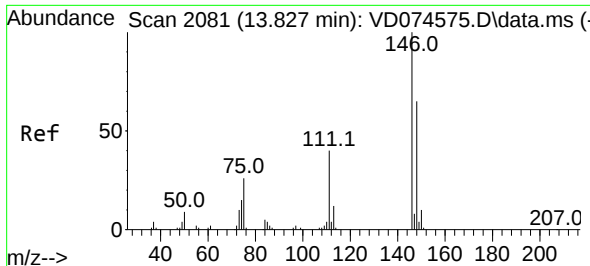
Tgt Ion: 91 Resp: 210008
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 27.6 13.4 40.2



#90
Hexachloroethane
Concen: 51.273 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 117 Resp: 39631
Ion Ratio Lower Upper
117 100
201 73.2 38.0 114.0

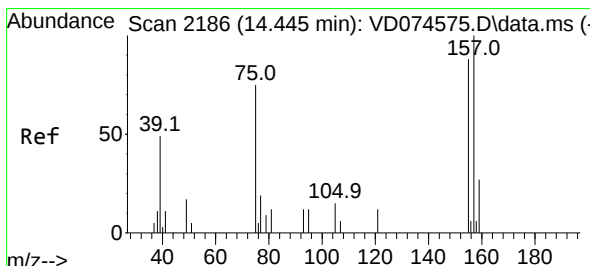
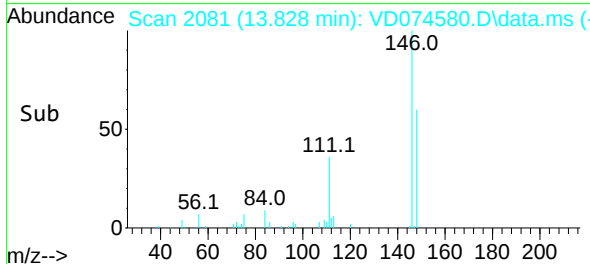
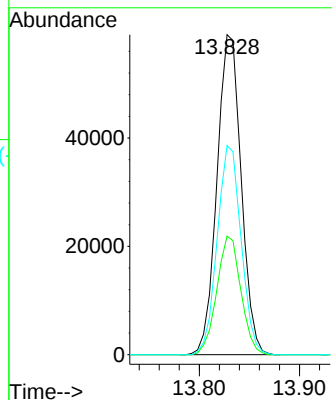
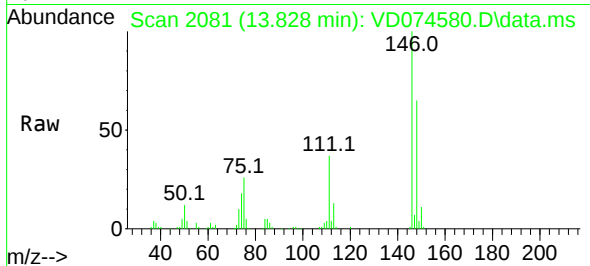




#91
1,2-Dichlorobenzene
Concen: 51.912 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

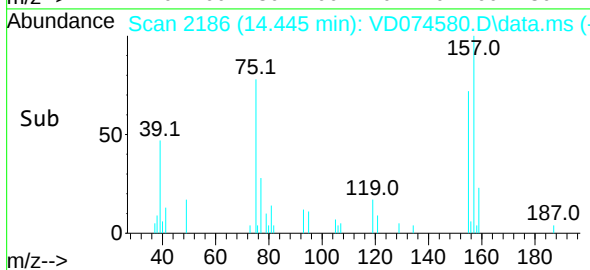
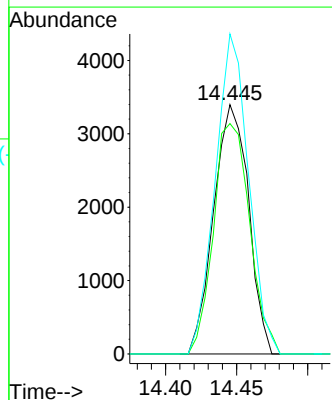
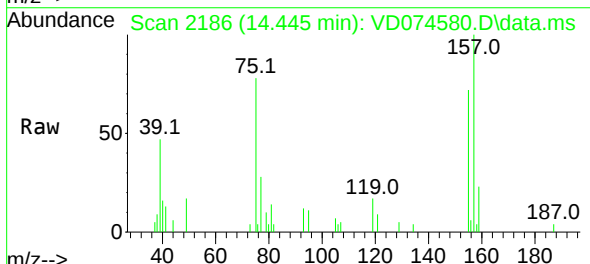
Instrument :
MSVOA_D
ClientSampleId :
ICVVD101922

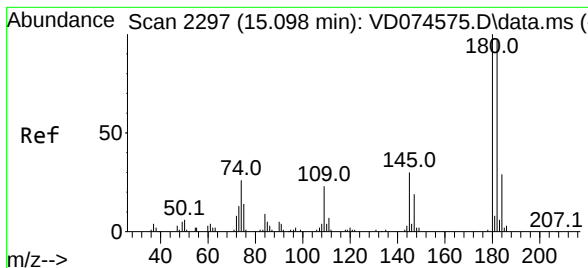
Tgt Ion:146	Resp:	99069
Ion Ratio	Lower	Upper
146	100	
111	36.7	18.9 56.5
148	64.7	31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.273 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074580.D
Acq: 19 Oct 2022 15:22

Tgt Ion: 75	Resp:	5796
Ion Ratio	Lower	Upper
75	100	
155	96.3	51.2 153.8
157	122.6	68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 52.086 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD101922

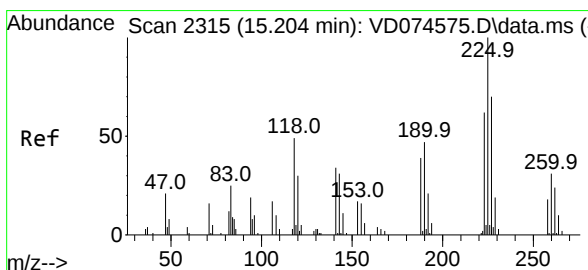
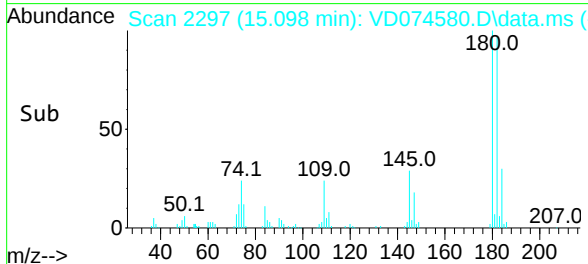
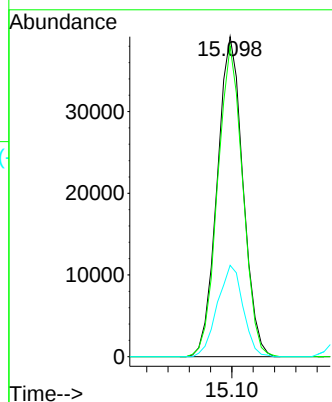
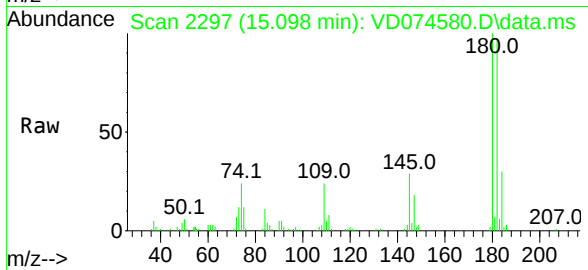
Tgt Ion:180 Resp: 65571

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 28.5 14.1 42.3



#94

Hexachlorobutadiene

Concen: 51.957 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

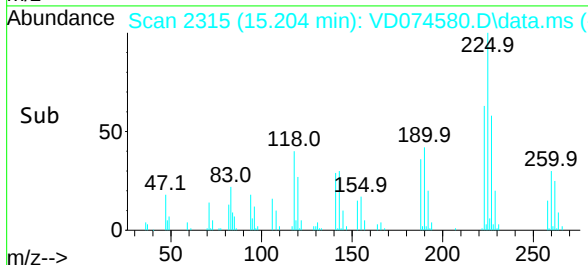
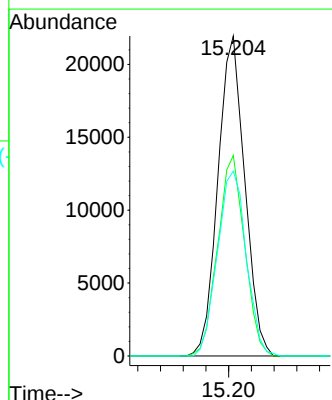
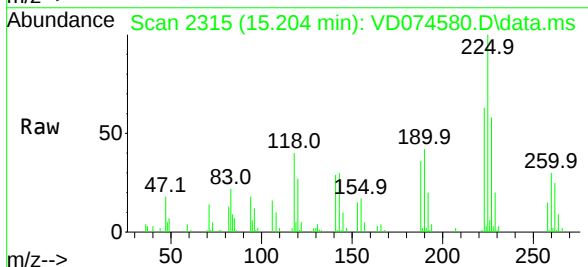
Tgt Ion:225 Resp: 35984

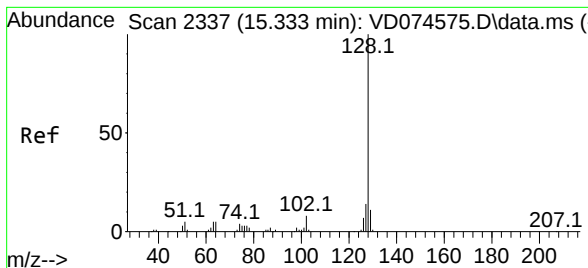
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.5

227 62.0 32.6 97.8





#95

Naphthalene

Concen: 52.544 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD101922

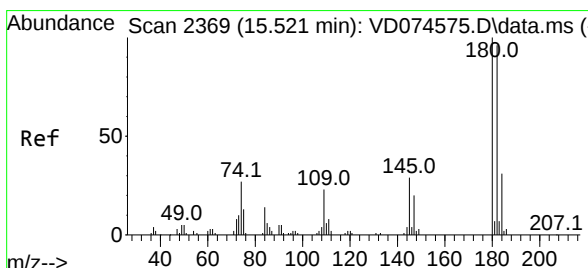
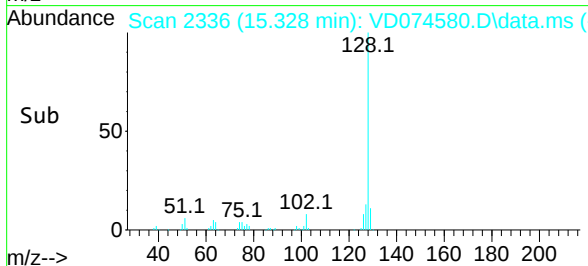
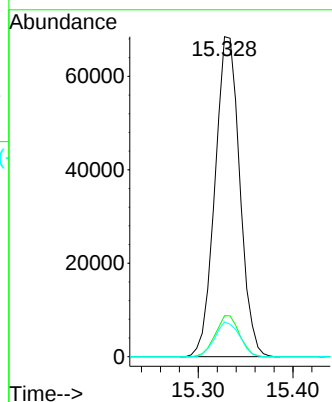
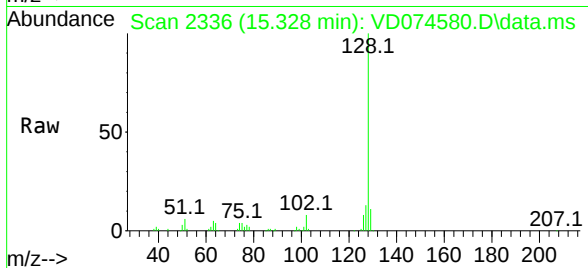
Tgt Ion:128 Resp: 124521

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.8 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 52.441 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD074580.D

Acq: 19 Oct 2022 15:22

Tgt Ion:180 Resp: 56591

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.1

145 30.7 14.9 44.7

