

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075098.D
 Acq On : 10 Jan 2023 11:15
 Operator : KP/SY
 Sample : VD0110SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

Quant Time: Jan 11 01:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	90714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	141915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48141	52.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.860%
35) Dibromofluoromethane	7.805	113	50547	49.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.269	98	193023	47.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.575	95	64024	49.196	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	11769	25.718	ug/l	88
3) Chloromethane	2.146	50	18173	25.318	ug/l	95
4) Vinyl Chloride	2.281	62	18580	22.581	ug/l	96
5) Bromomethane	2.687	94	12995	24.813	ug/l	96
6) Chloroethane	2.834	64	14378	23.430	ug/l	98
7) Trichlorofluoromethane	3.170	101	27831	23.280	ug/l	85
8) Diethyl Ether	3.593	74	10490	25.282	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	18147	21.879	ug/l	97
10) Methyl Iodide	4.164	142	16888	20.169	ug/l	95
11) Tert butyl alcohol	5.040	59	9454	150.871	ug/l #	91
12) 1,1-Dichloroethene	3.946	96	17941	23.325	ug/l	89
13) Acrolein	3.799	56	10687	134.143	ug/l	97
14) Allyl chloride	4.558	41	30868	23.442	ug/l	98
15) Acrylonitrile	5.258	53	25029	117.016	ug/l	98
16) Acetone	4.022	43	22740	105.527	ug/l	100
17) Carbon Disulfide	4.270	76	43024	30.361	ug/l	96
18) Methyl Acetate	4.558	43	15073	25.620	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	46252	22.959	ug/l	97
20) Methylene Chloride	4.799	84	30793	22.364	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	20443	24.239	ug/l	94
22) Diisopropyl ether	6.216	45	65775	23.338	ug/l #	93
23) Vinyl Acetate	6.158	43	102050	98.889	ug/l	97
24) 1,1-Dichloroethane	6.116	63	40107	23.664	ug/l	99
25) 2-Butanone	7.081	43	33288	116.617	ug/l	99
26) 2,2-Dichloropropane	7.081	77	34092	22.428	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	25161	23.629	ug/l	99
28) Bromochloromethane	7.428	49	13668	23.251	ug/l #	98
29) Tetrahydrofuran	7.446	42	19275	120.028	ug/l	98
30) Chloroform	7.599	83	38880	22.638	ug/l	99
31) Cyclohexane	7.881	56	31206	25.042	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	33037	22.418	ug/l	98
36) 1,1-Dichloropropene	8.010	75	28351	22.409	ug/l	97
37) Ethyl Acetate	7.169	43	15218	22.233	ug/l	99
38) Carbon Tetrachloride	7.993	117	23523	21.222	ug/l	97
39) Methylcyclohexane	9.275	83	32976	22.535	ug/l	93
40) Benzene	8.252	78	83572	22.140	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7681	17.732	ug/l	92
42) 1,2-Dichloroethane	8.328	62	23400	22.120	ug/l	99
43) Isopropyl Acetate	8.363	43	27208	22.348	ug/l	98
44) Trichloroethene	9.028	130	23156	21.344	ug/l	87
45) 1,2-Dichloropropane	9.310	63	22356	21.735	ug/l	98
46) Dibromomethane	9.393	93	11674	22.457	ug/l	94
47) Bromodichloromethane	9.587	83	29567	21.781	ug/l	96
48) Methyl methacrylate	9.381	41	11989	21.856	ug/l	97
49) 1,4-Dioxane	9.381	88	2461	434.709	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	66159	107.614	ug/l	100
52) Toluene	10.334	92	53732	21.957	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	26001	20.957	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	32771	21.565	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16838	22.240	ug/l	96
56) Ethyl methacrylate	10.599	69	19831	21.685	ug/l	99
57) 1,3-Dichloropropane	10.881	76	28451	22.621	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	40513	117.340	ug/l	95
59) 2-Hexanone	10.922	43	45387	105.542	ug/l	99
60) Dibromochloromethane	11.075	129	18881	21.062	ug/l	99
61) 1,2-Dibromoethane	11.181	107	15382	22.377	ug/l	97
64) Tetrachloroethene	10.810	164	18498	20.327	ug/l	92
65) Chlorobenzene	11.610	112	58354	21.846	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	19482	20.641	ug/l	96
67) Ethyl Benzene	11.687	91	102493	21.548	ug/l	100
68) m/p-Xylenes	11.793	106	80246	43.769	ug/l	96
69) o-Xylene	12.122	106	39028	21.964	ug/l	96
70) Styrene	12.140	104	62906	21.182	ug/l	99
71) Bromoform	12.304	173	10495	20.688	ug/l #	97
73) Isopropylbenzene	12.422	105	100875	20.817	ug/l	99
74) N-amyl acetate	12.234	43	23945	21.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	18972	22.844	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	22408	36.235	ug/l #	1
77) Bromobenzene	12.704	156	22275	20.998	ug/l	96
78) n-propylbenzene	12.763	91	122263	21.037	ug/l	100
79) 2-Chlorotoluene	12.851	91	66597	20.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	81452	20.719	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	5000	21.473	ug/l	97
82) 4-Chlorotoluene	12.951	91	69028	21.099	ug/l	98
83) tert-Butylbenzene	13.169	119	72740	20.965	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	79231	20.854	ug/l	98
85) sec-Butylbenzene	13.345	105	107507	20.450	ug/l	99
86) p-Isopropyltoluene	13.463	119	87403	20.582	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	44365	21.004	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	43332	20.288	ug/l	97
89) n-Butylbenzene	13.793	91	85412	20.451	ug/l	98
90) Hexachloroethane	14.057	117	14961	20.212	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	39605	20.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2953	22.111	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	23754	19.432	ug/l	99
94) Hexachlorobutadiene	15.210	225	11269	18.493	ug/l	96
95) Naphthalene	15.340	128	50261	20.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	20544	19.456	ug/l	98

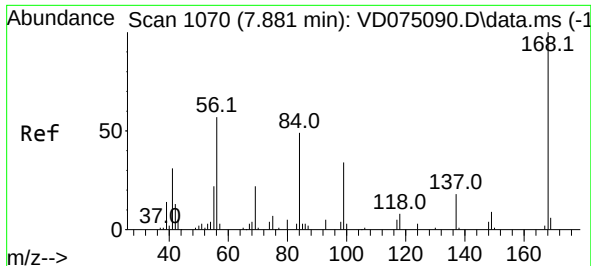
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
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Response via : Initial Calibration

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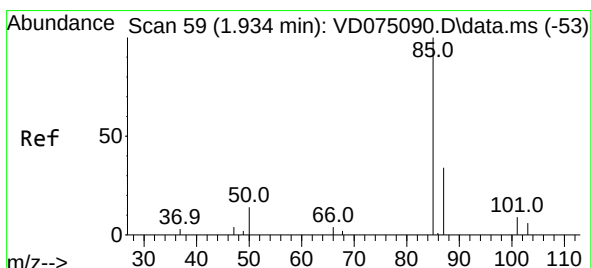
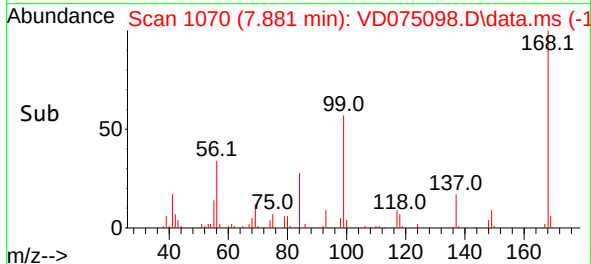
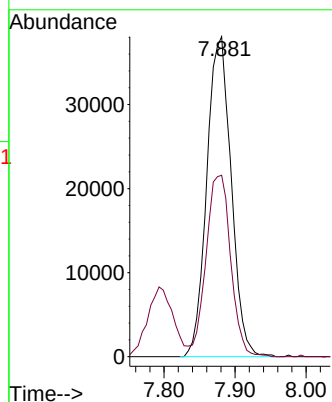
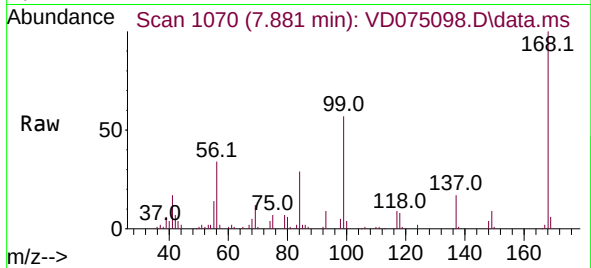
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075098.D
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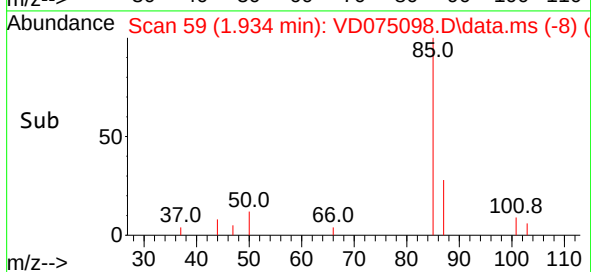
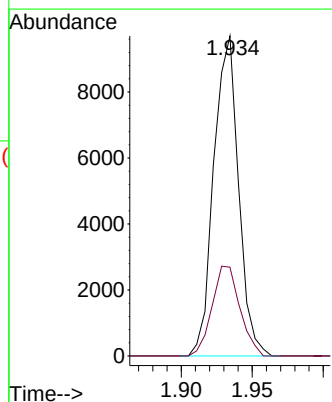
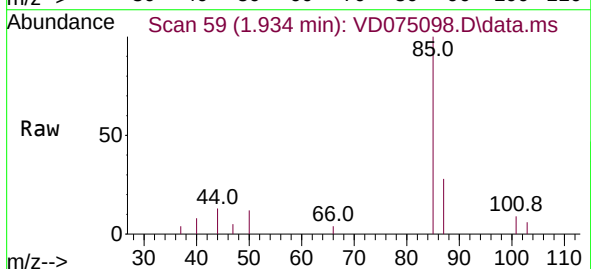
Instrument :
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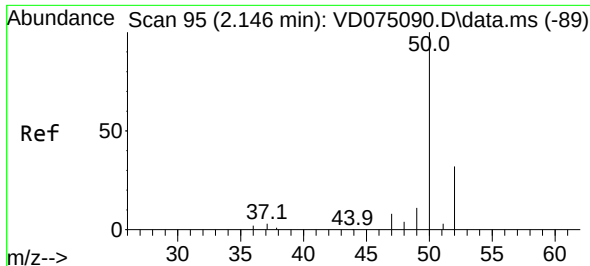
Tgt Ion:168 Resp: 90714
Ion Ratio Lower Upper
168 100
99 56.7 43.2 64.8



#2
Dichlorodifluoromethane
Concen: 25.718 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 85 Resp: 11769
Ion Ratio Lower Upper
85 100
87 27.8 17.2 51.6

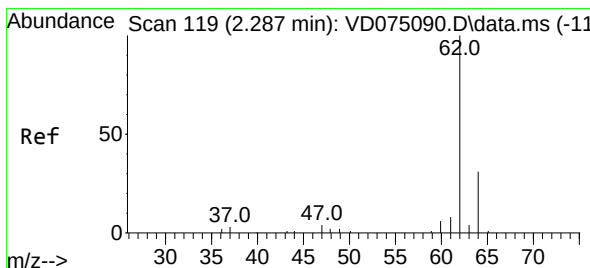
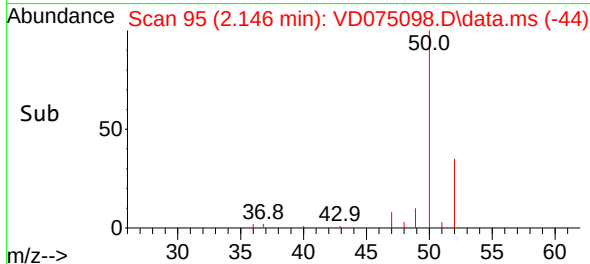
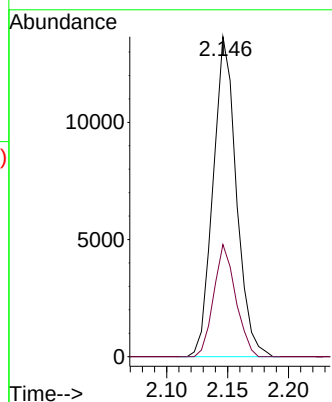
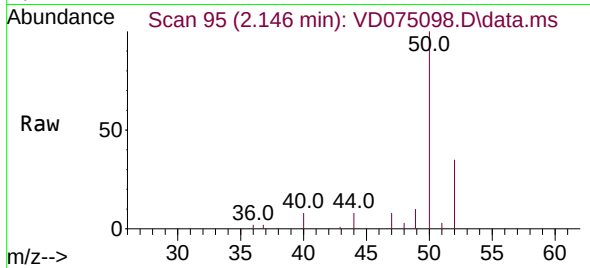




#3
Chloromethane
Concen: 25.318 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

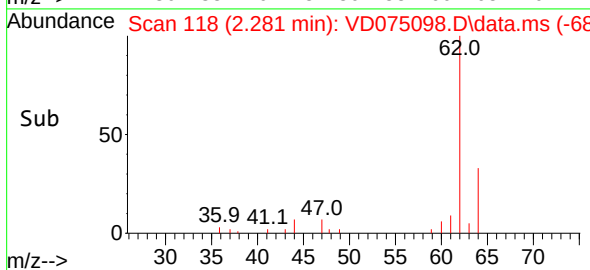
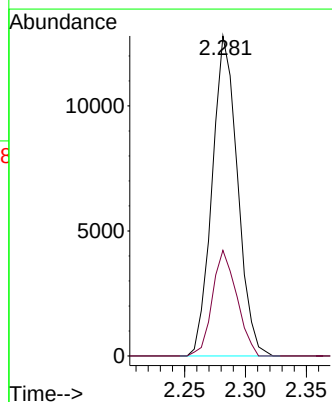
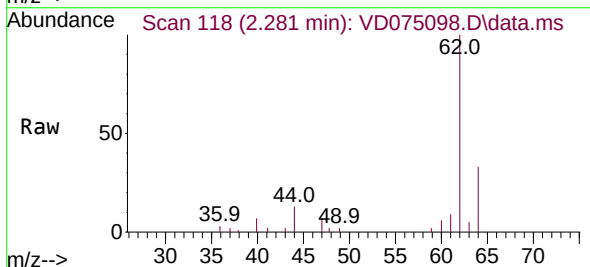
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ClientSampleId :
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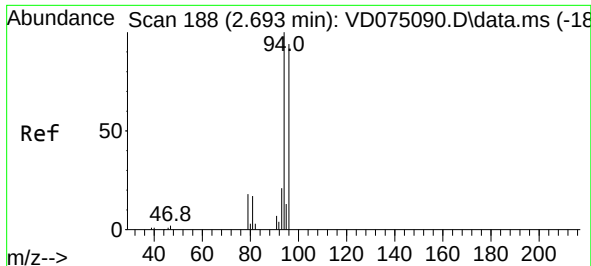
Tgt Ion: 50 Resp: 18173
Ion Ratio Lower Upper
50 100
52 35.0 25.7 38.5



#4
Vinyl Chloride
Concen: 22.581 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 62 Resp: 18580
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7

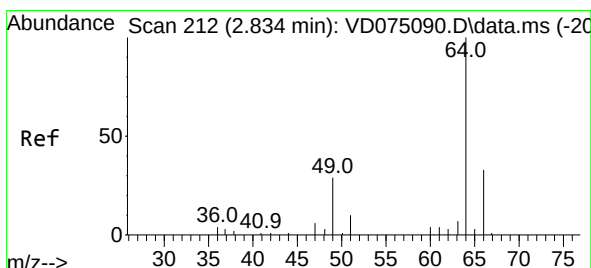
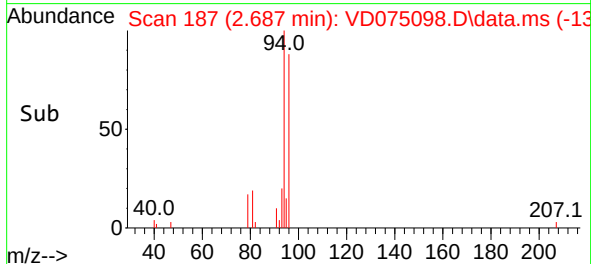
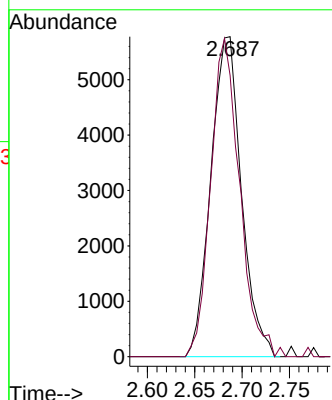
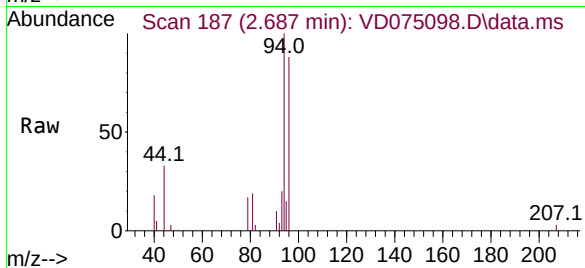




#5
Bromomethane
Concen: 24.813 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

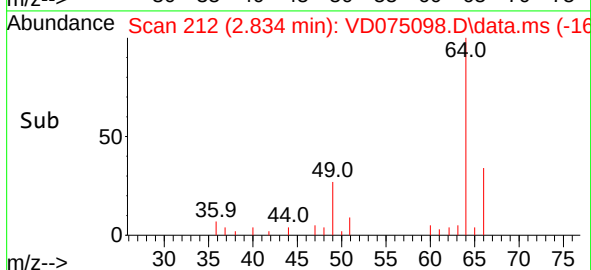
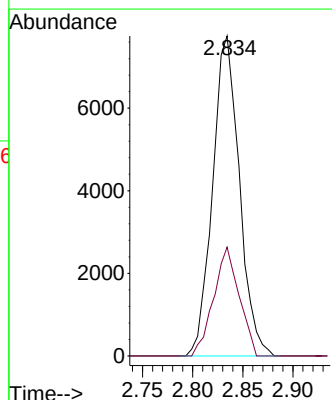
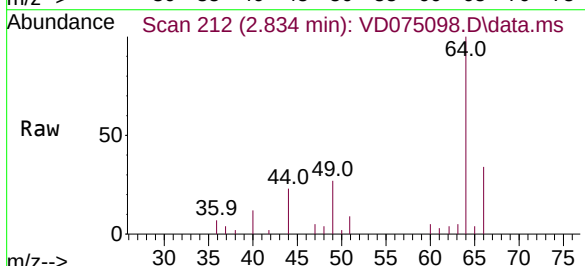
Instrument :
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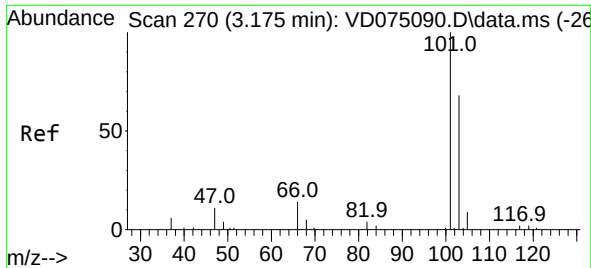
Tgt Ion: 94 Resp: 12995
Ion Ratio Lower Upper
94 100
96 94.2 72.5 108.7



#6
Chloroethane
Concen: 23.430 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 64 Resp: 14378
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.2

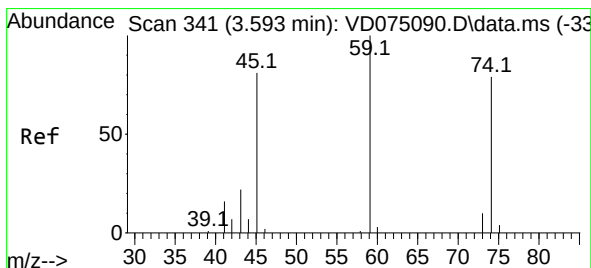
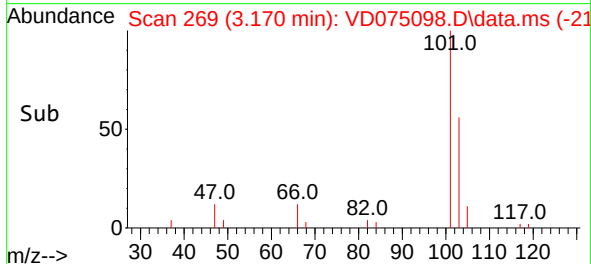
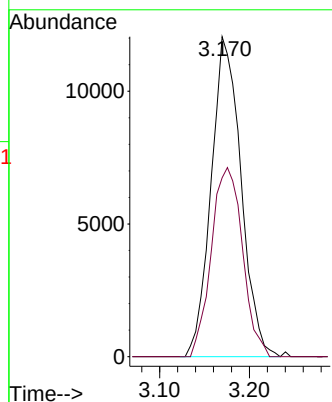
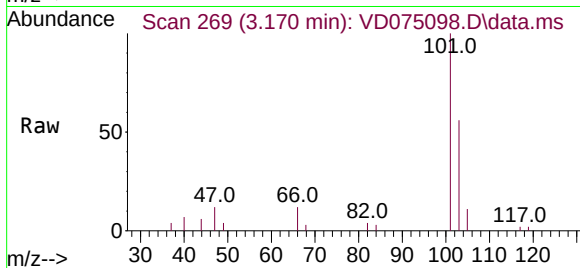




#7
Trichlorofluoromethane
Concen: 23.280 ug/l
RT: 3.170 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

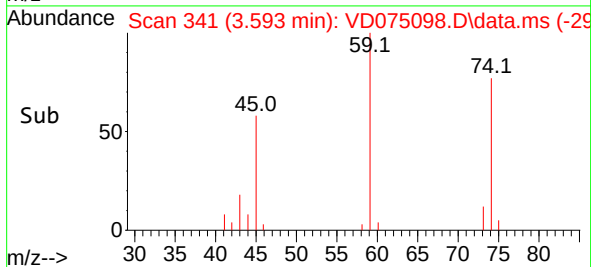
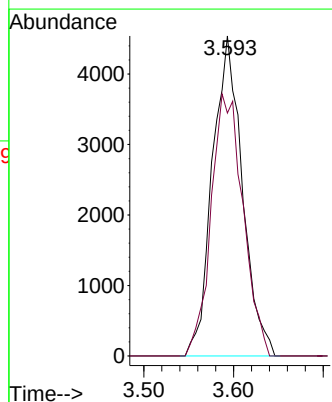
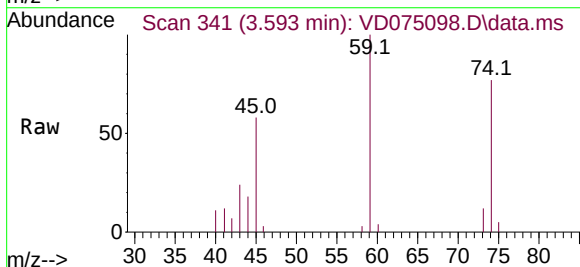
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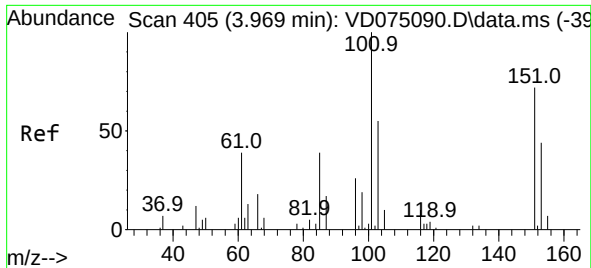
Tgt Ion:101 Resp: 27831
Ion Ratio Lower Upper
101 100
103 55.9 54.6 82.0



#8
Diethyl Ether
Concen: 25.282 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 74 Resp: 10490
Ion Ratio Lower Upper
74 100
45 87.5 48.1 144.4

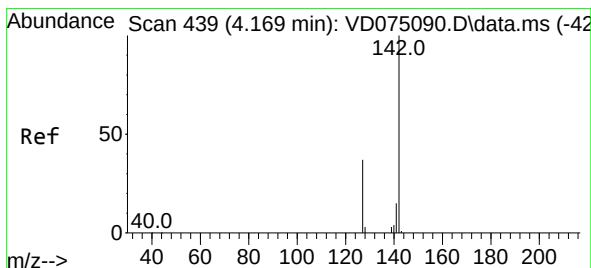
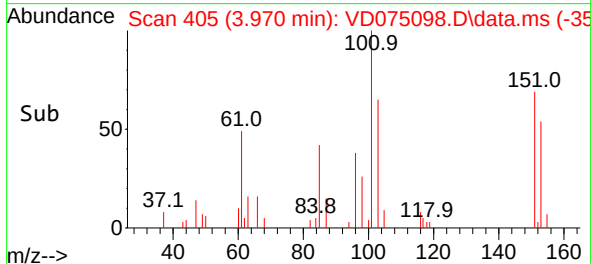
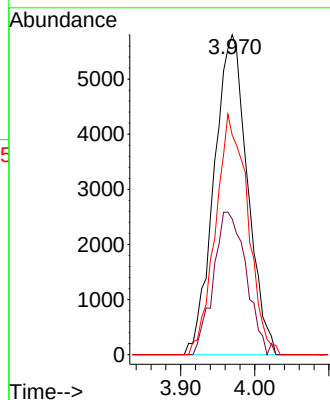
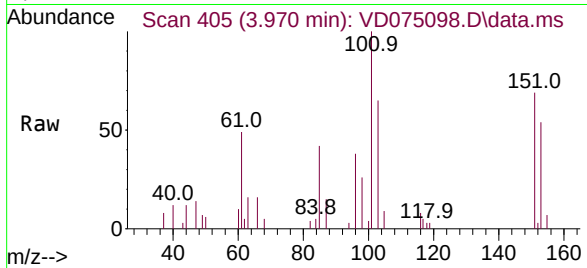




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.879 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

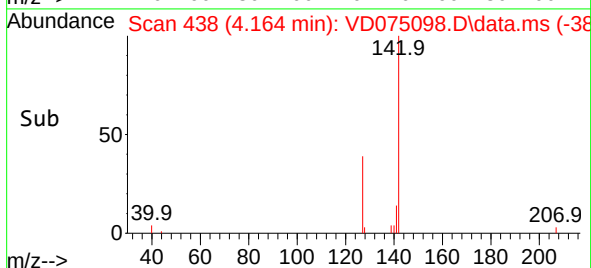
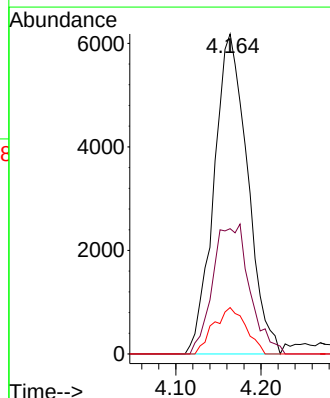
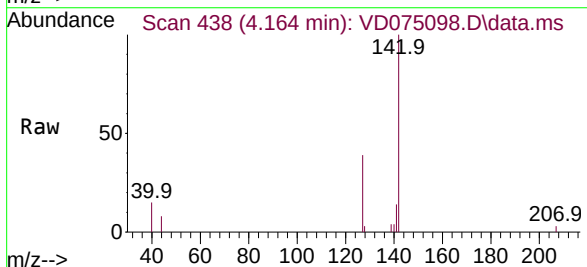
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VD0110SBS01

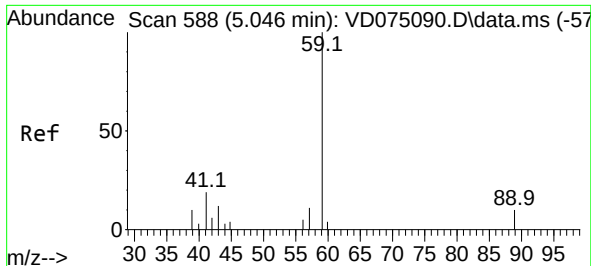
Tgt Ion:101 Resp: 18147
Ion Ratio Lower Upper
101 100
85 43.9 34.8 52.2
151 72.8 61.8 92.6



#10
Methyl Iodide
Concen: 20.169 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:142 Resp: 16888
Ion Ratio Lower Upper
142 100
127 44.5 32.2 48.2
141 14.0 11.4 17.2

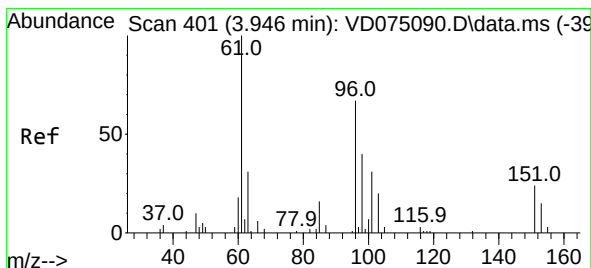
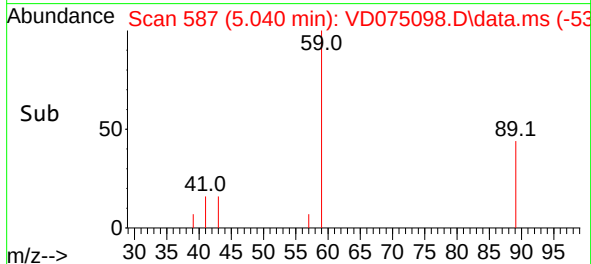
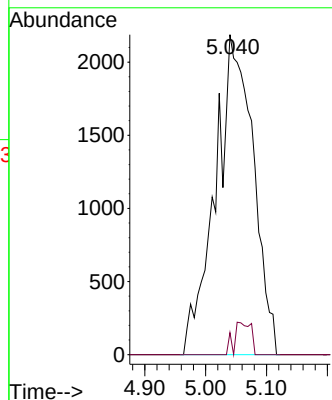
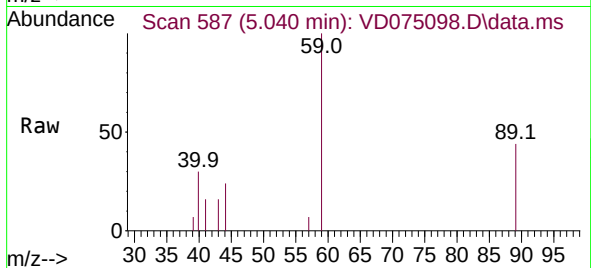




#11
Tert butyl alcohol
Concen: 150.871 ug/l
RT: 5.040 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

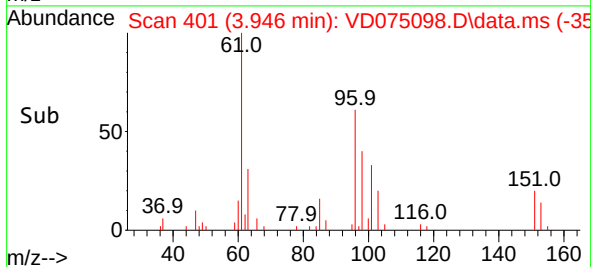
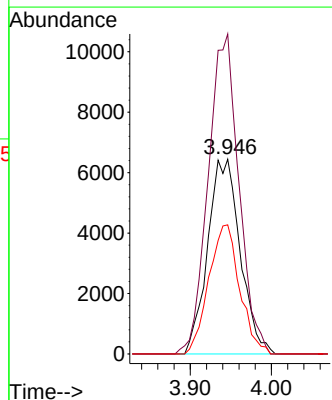
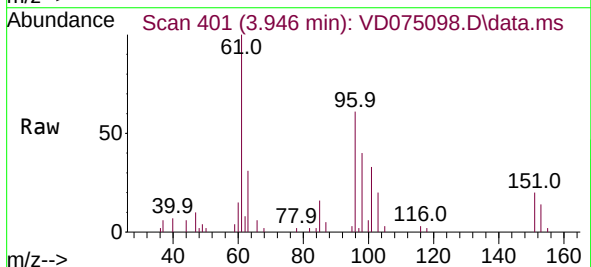
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

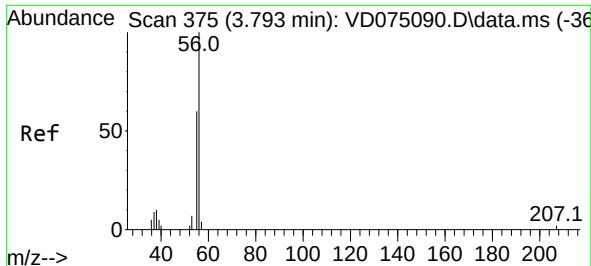
Tgt Ion: 59 Resp: 9454
Ion Ratio Lower Upper
59 100
57 4.5 6.1 9.1#



#12
1,1-Dichloroethene
Concen: 23.325 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 96 Resp: 17941
Ion Ratio Lower Upper
96 100
61 164.3 119.8 179.6
98 66.3 47.7 71.5

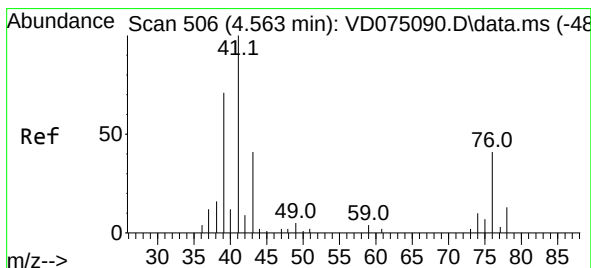
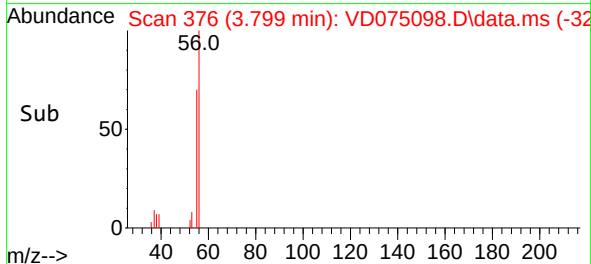
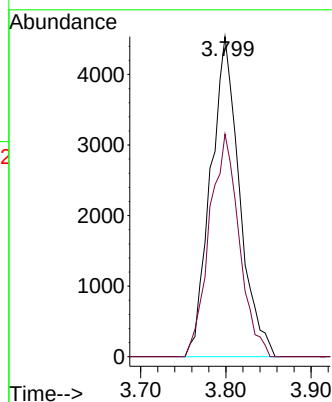
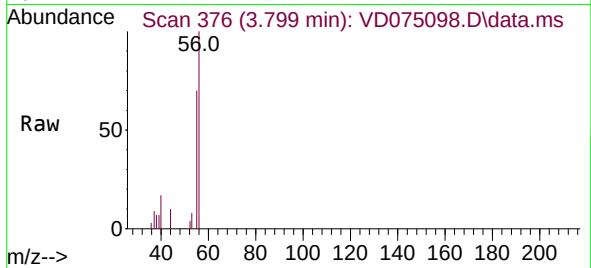




#13
Acrolein
Concen: 134.143 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

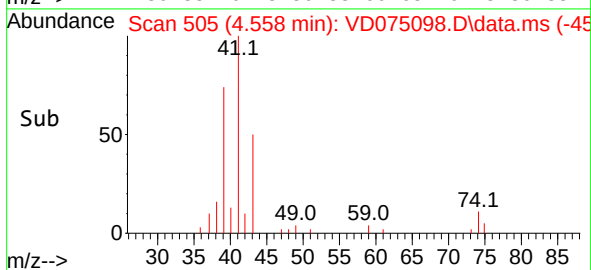
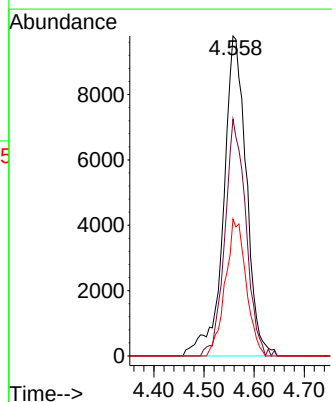
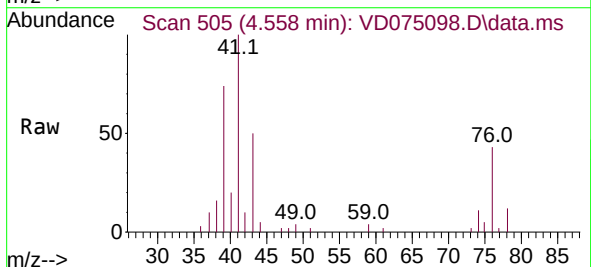
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

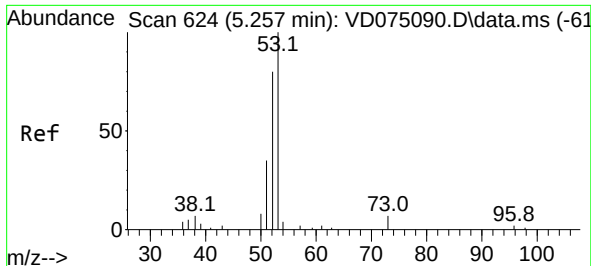
Tgt Ion: 56 Resp: 10687
Ion Ratio Lower Upper
56 100
55 71.5 55.0 82.6



#14
Allyl chloride
Concen: 23.442 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 41 Resp: 30868
Ion Ratio Lower Upper
41 100
39 68.4 55.6 83.4
76 39.1 30.2 45.2

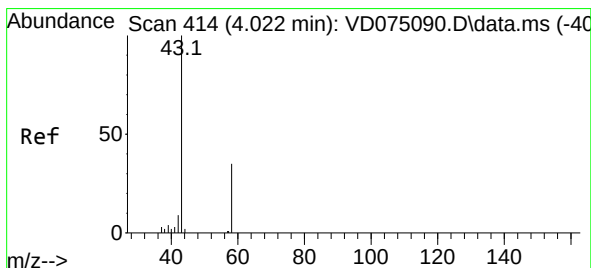
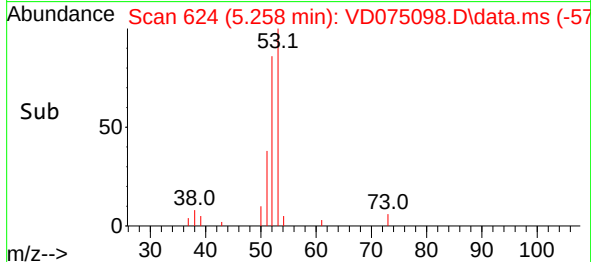
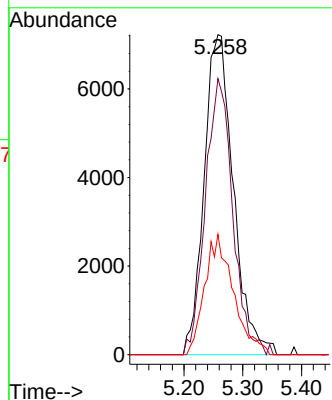
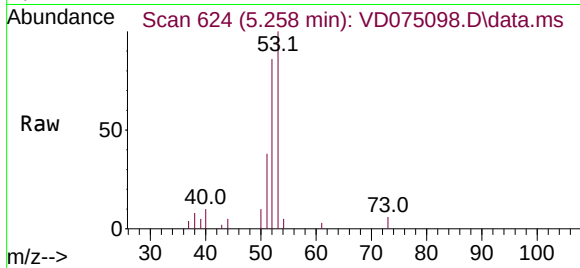




#15
Acrylonitrile
Concen: 117.016 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

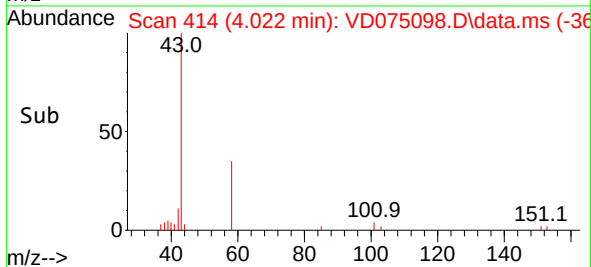
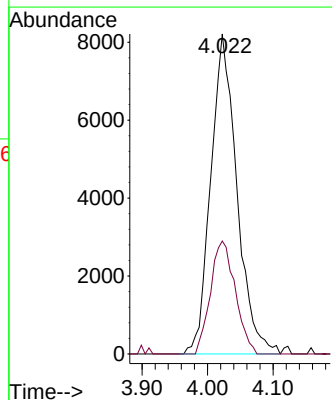
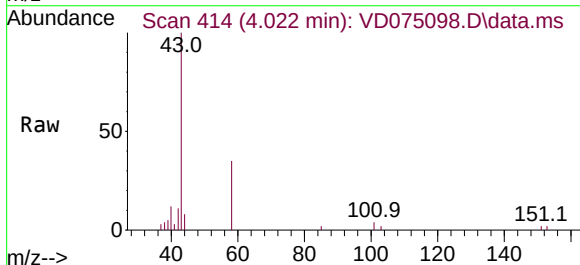
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

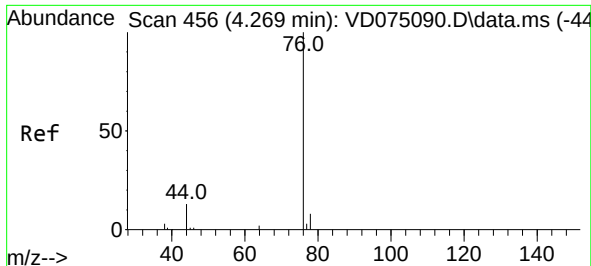
Tgt Ion:	53	Resp:	25029
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.1	97.7
51	36.8	28.2	42.2



#16
Acetone
Concen: 105.527 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:	43	Resp:	22740
Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.3	42.5

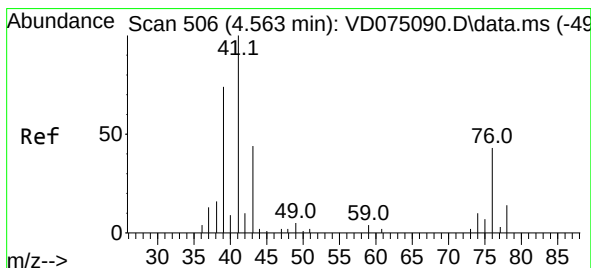
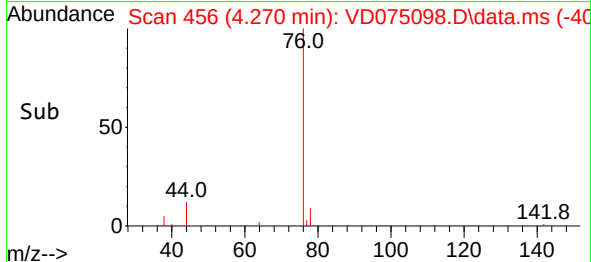
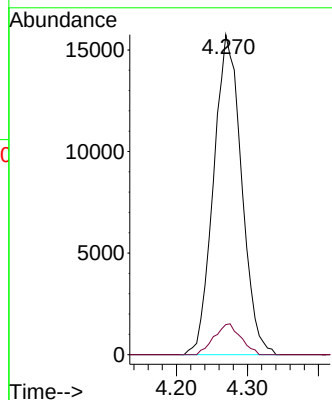
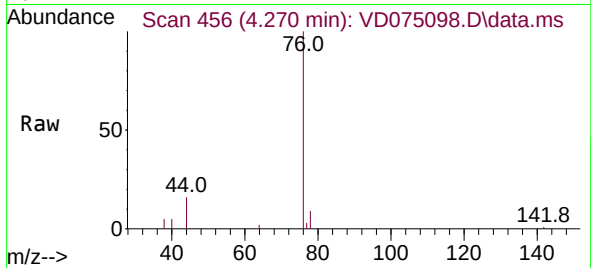




#17
Carbon Disulfide
Concen: 30.361 ug/l
RT: 4.270 min Scan# 411
Delta R.T. 0.001 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

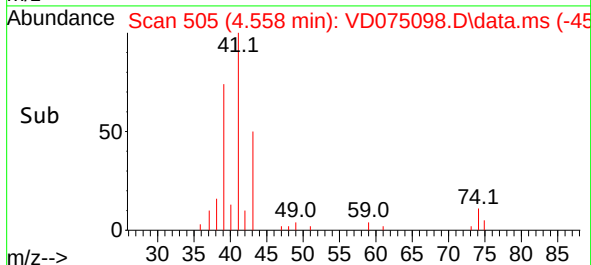
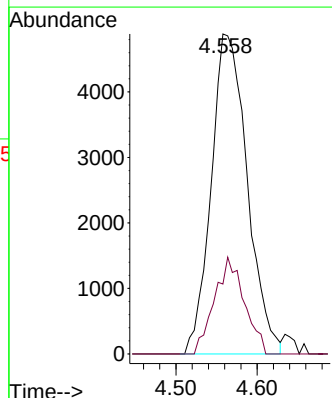
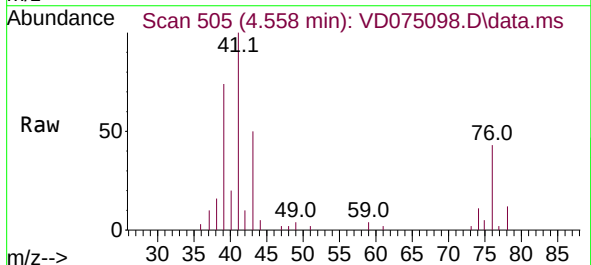
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

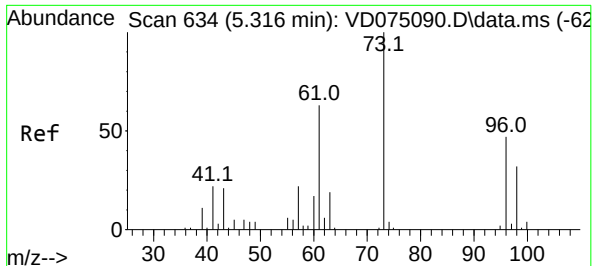
Tgt Ion: 76 Resp: 43024
Ion Ratio Lower Upper
76 100
78 9.4 6.3 9.5



#18
Methyl Acetate
Concen: 25.620 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 43 Resp: 15073
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 22.959 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

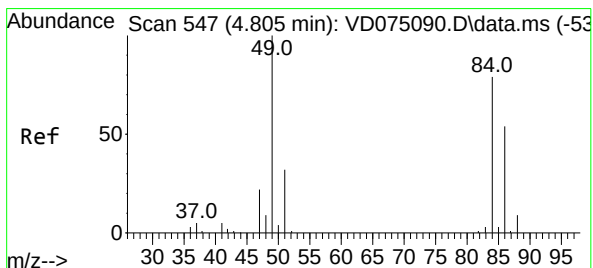
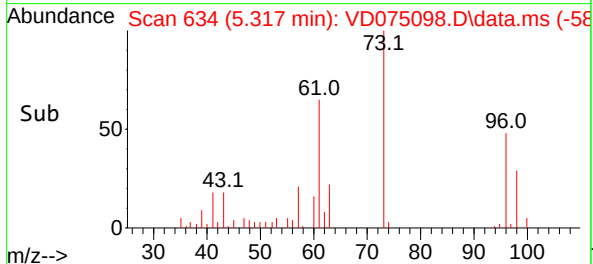
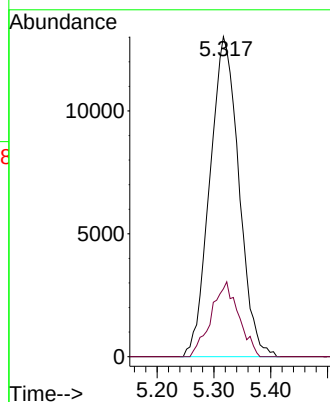
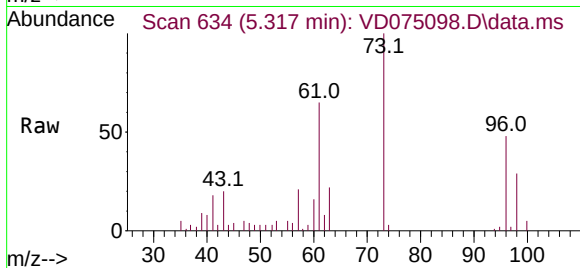
VD0110SBS01

Tgt Ion: 73 Resp: 46252

Ion Ratio Lower Upper

73 100

57 21.2 18.0 27.0



#20

Methylene Chloride

Concen: 22.364 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Tgt Ion: 84 Resp: 30793

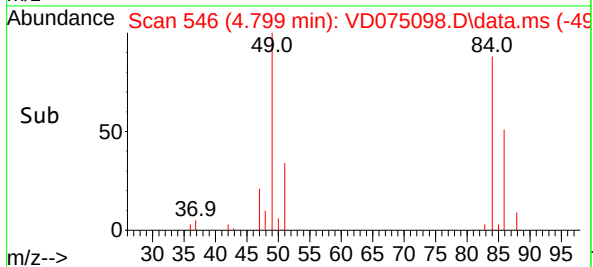
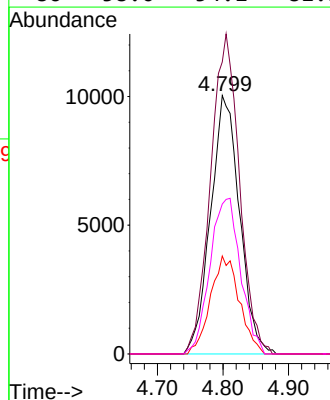
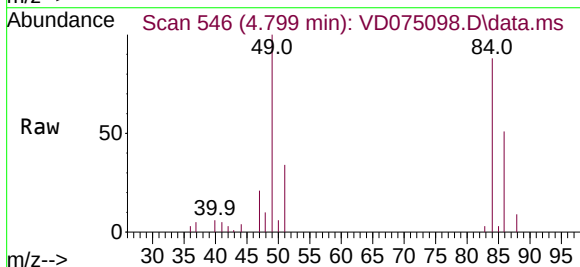
Ion Ratio Lower Upper

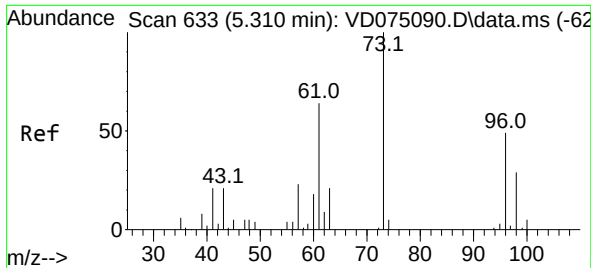
84 100

49 113.0 100.6 151.0

51 37.9 31.8 47.8

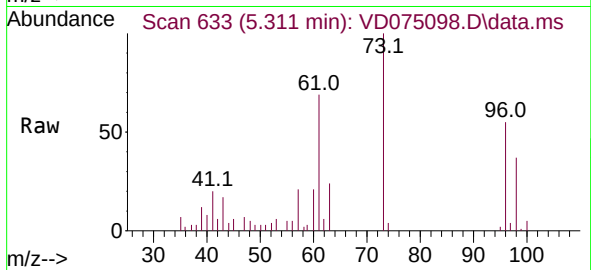
86 58.0 54.1 81.1



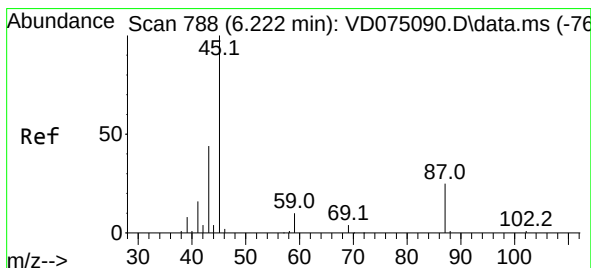
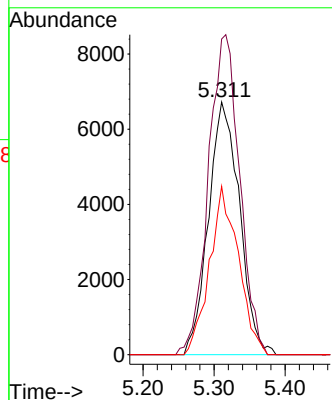
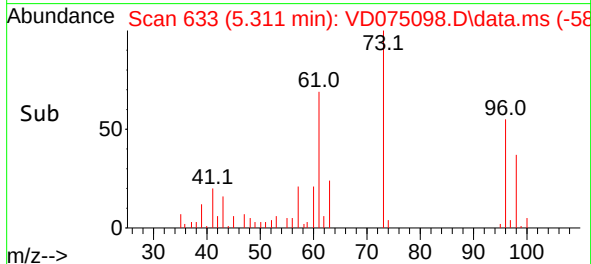


#21
trans-1,2-Dichloroethene
Concen: 24.239 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

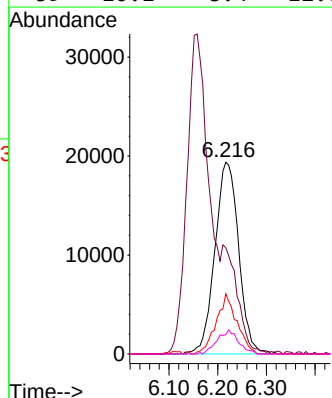
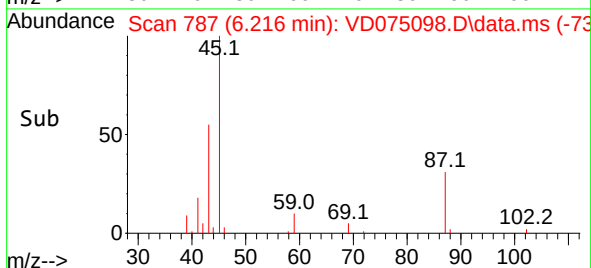
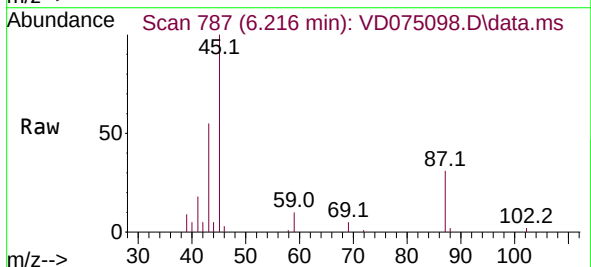


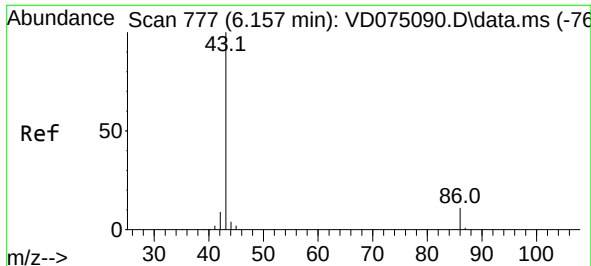
Tgt Ion: 96 Resp: 20443
Ion Ratio Lower Upper
96 100
61 124.9 104.8 157.2
98 66.6 47.7 71.5



#22
Diisopropyl ether
Concen: 23.338 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 45 Resp: 65775
Ion Ratio Lower Upper
45 100
43 54.3 39.5 59.3
87 31.4 20.8 31.2#
59 10.1 8.4 12.6

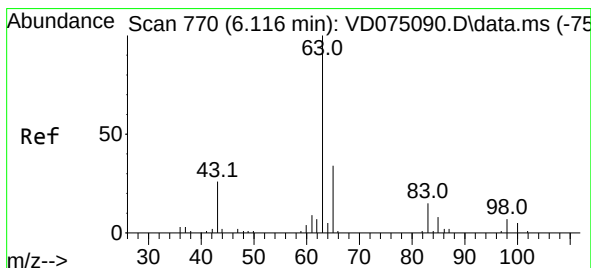
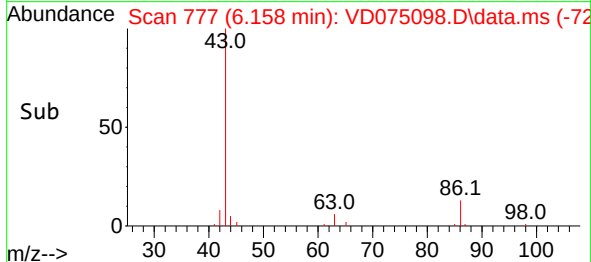
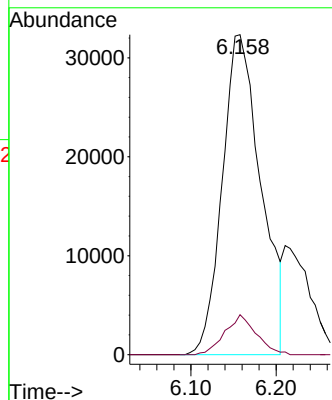
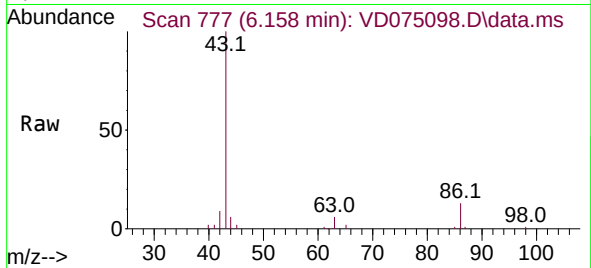




#23
 Vinyl Acetate
 Concen: 98.889 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

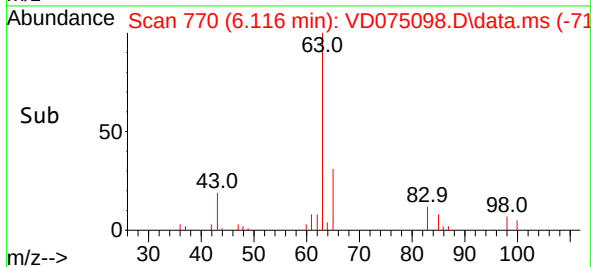
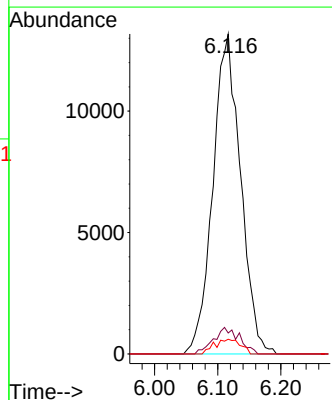
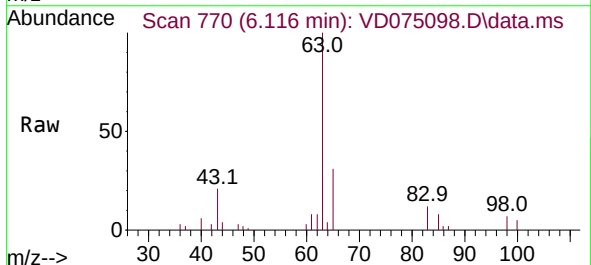
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

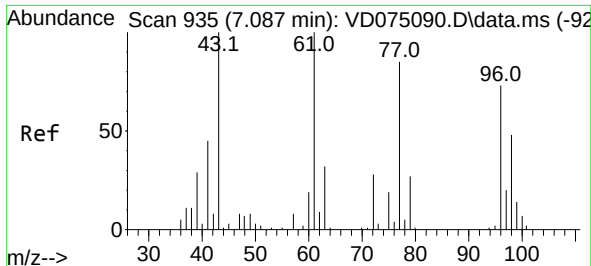
Tgt Ion: 43 Resp: 102050
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 23.664 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

Tgt Ion: 63 Resp: 40107
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.6 2.5 7.4

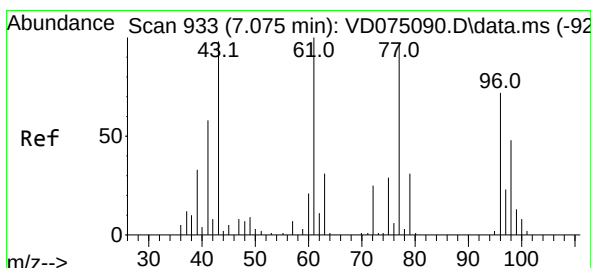
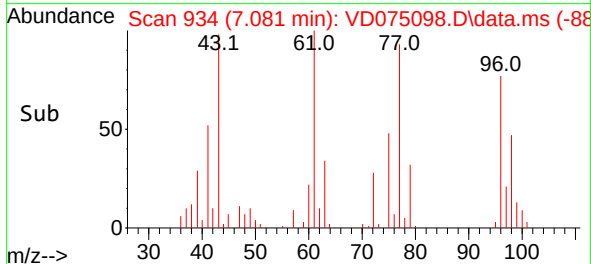
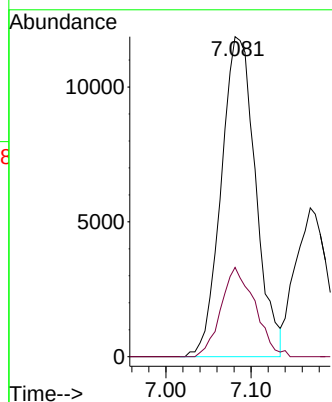
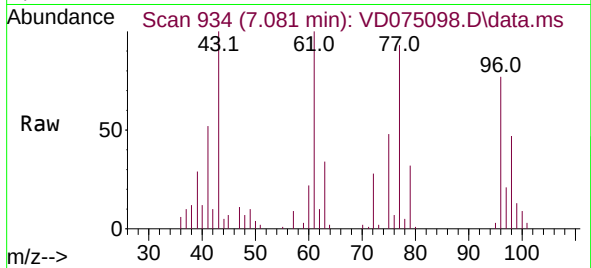




#25
2-Butanone
Concen: 116.617 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

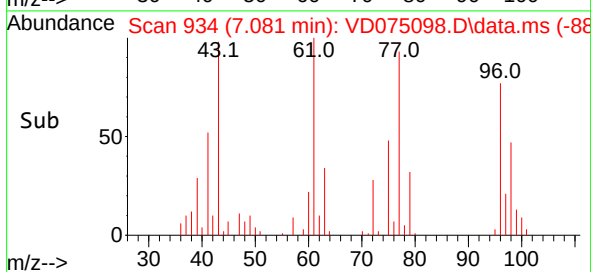
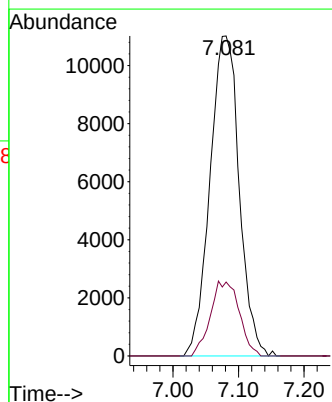
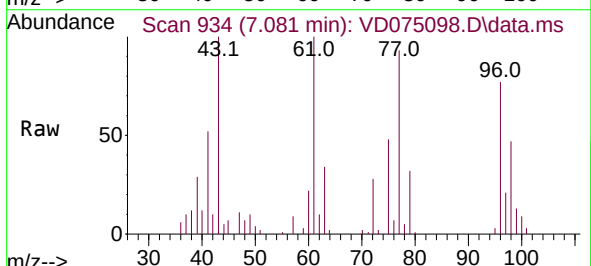
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

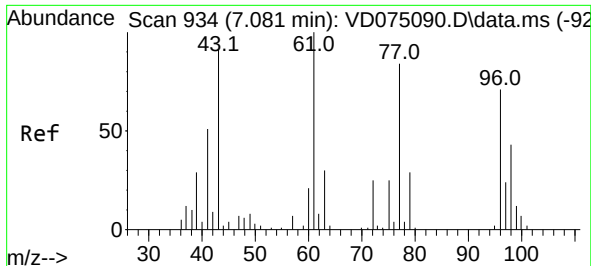
Tgt Ion: 43 Resp: 33288
Ion Ratio Lower Upper
43 100
72 27.9 22.6 33.8



#26
2,2-Dichloropropane
Concen: 22.428 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 77 Resp: 34092
Ion Ratio Lower Upper
77 100
97 23.0 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 23.629 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

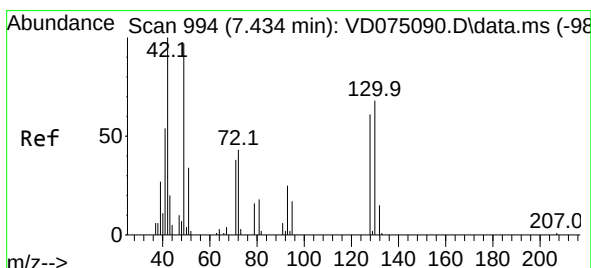
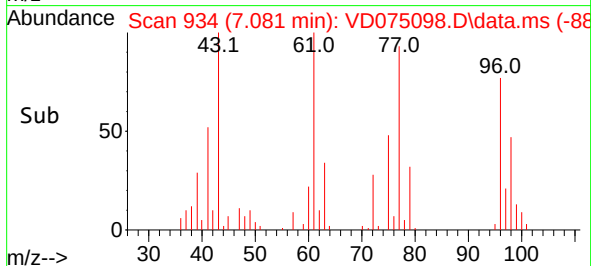
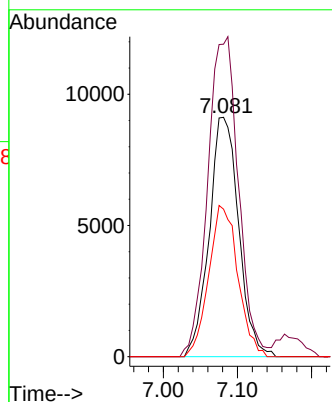
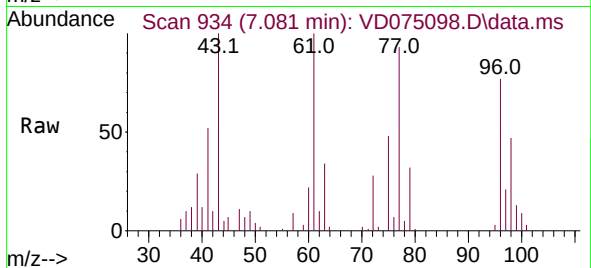
Tgt Ion: 96 Resp: 25161

Ion Ratio Lower Upper

96 100

61 139.4 0.0 282.4

98 62.5 0.0 126.2



#28

Bromochloromethane

Concen: 23.251 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

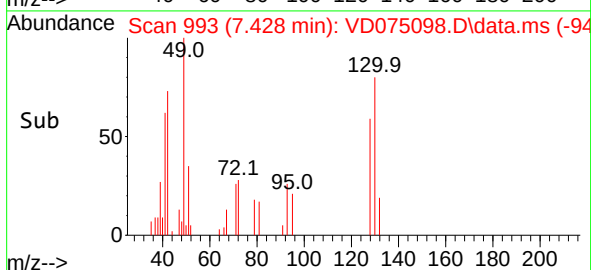
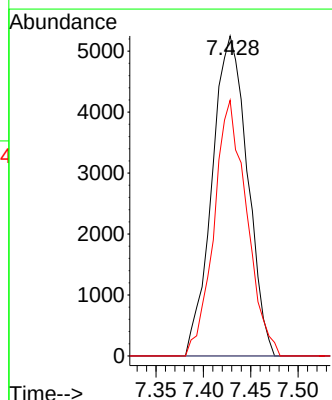
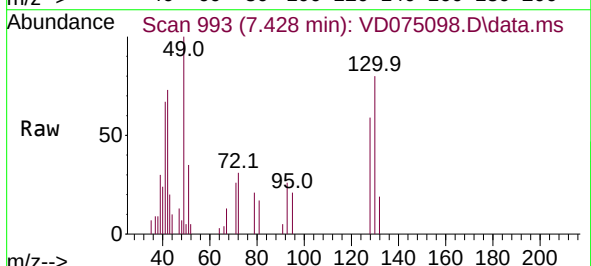
Tgt Ion: 49 Resp: 13668

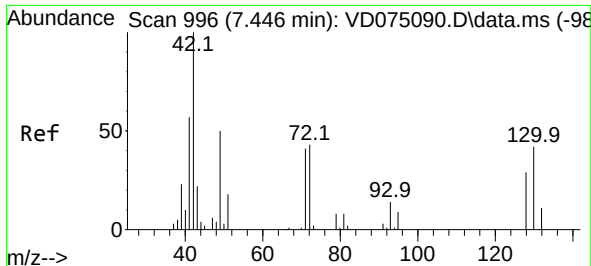
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 73.6 60.3 90.5





#29

Tetrahydrofuran

Concen: 120.028 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

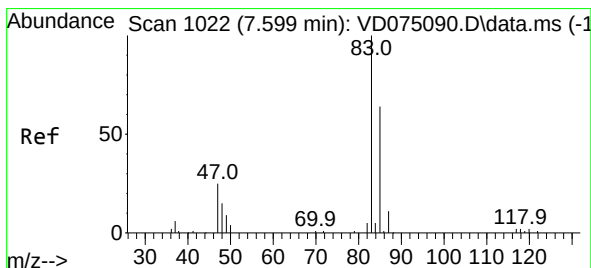
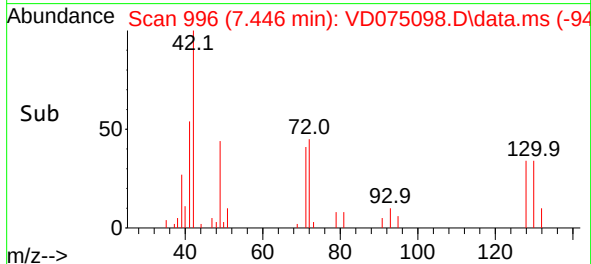
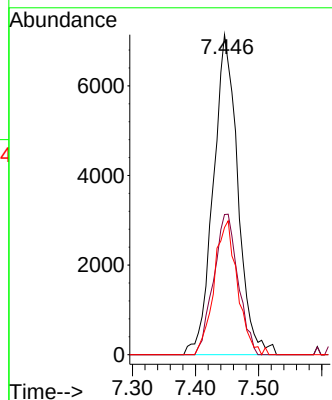
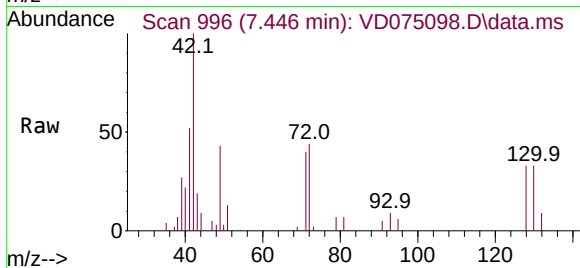
Tgt Ion: 42 Resp: 19275

Ion Ratio Lower Upper

42 100

72 43.8 34.3 51.5

71 40.1 31.2 46.8



#30

Chloroform

Concen: 22.638 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075098.D

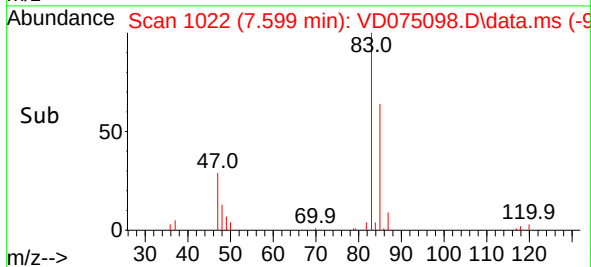
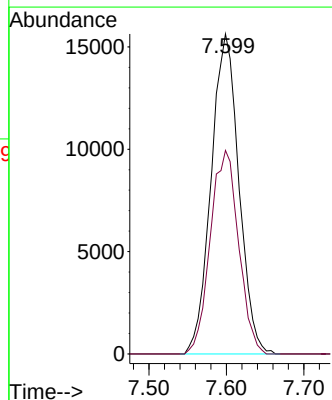
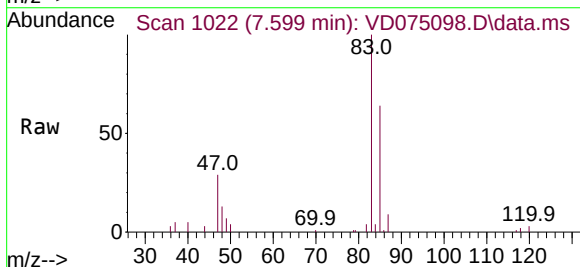
Acq: 10 Jan 2023 11:15

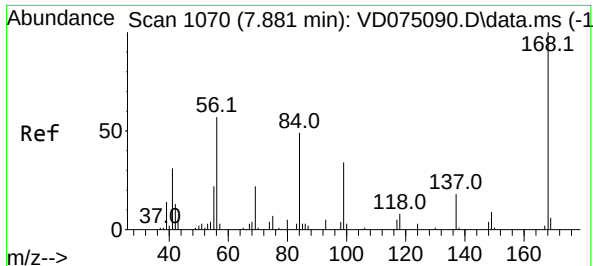
Tgt Ion: 83 Resp: 38880

Ion Ratio Lower Upper

83 100

85 63.6 51.3 76.9





#31

Cyclohexane

Concen: 25.042 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

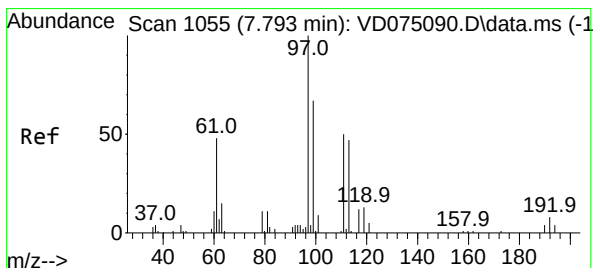
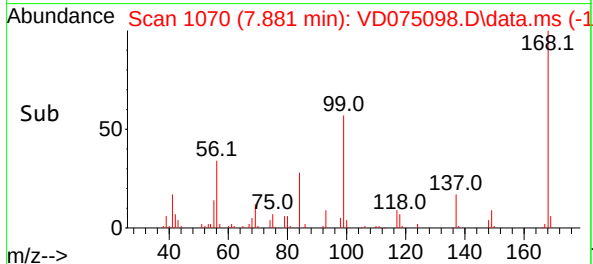
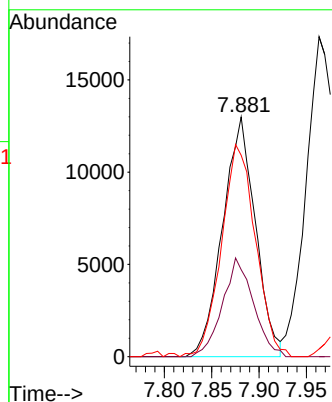
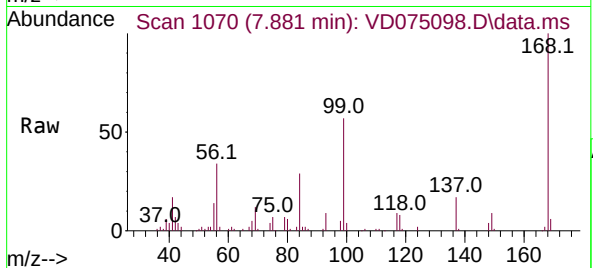
Tgt Ion: 56 Resp: 31206

Ion Ratio Lower Upper

56 100

69 36.3 30.4 45.6

84 84.1 68.6 102.8



#32

1,1,1-Trichloroethane

Concen: 22.418 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

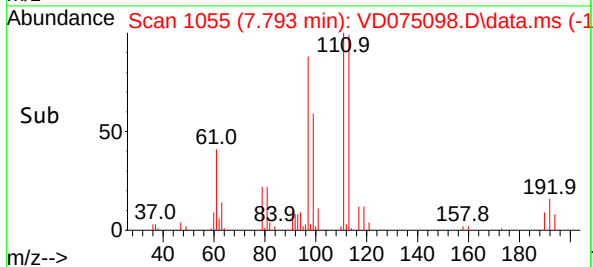
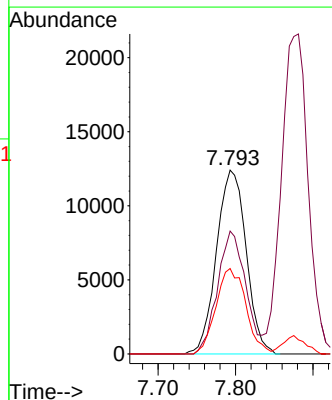
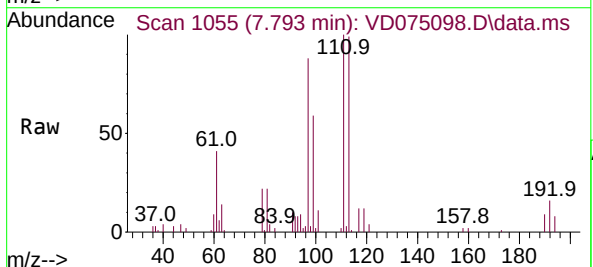
Tgt Ion: 97 Resp: 33037

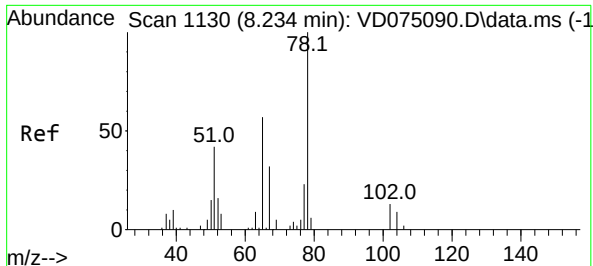
Ion Ratio Lower Upper

97 100

99 63.5 52.3 78.5

61 46.9 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 52.934 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

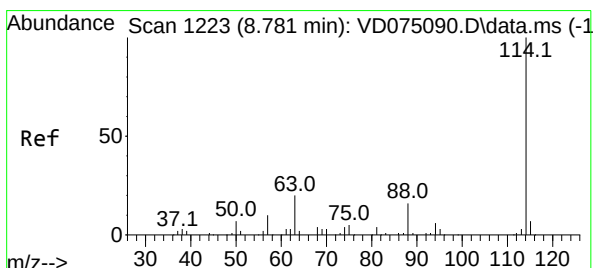
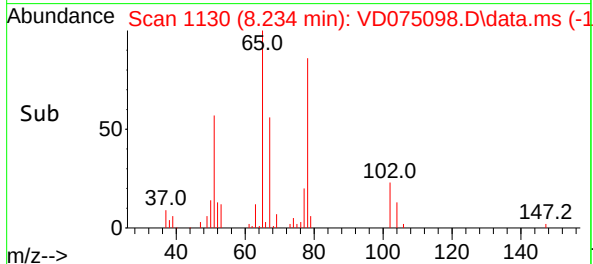
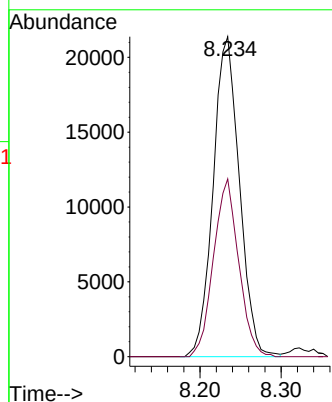
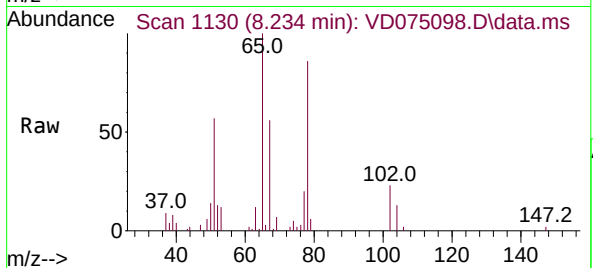
VD0110SBS01

Tgt Ion: 65 Resp: 48141

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

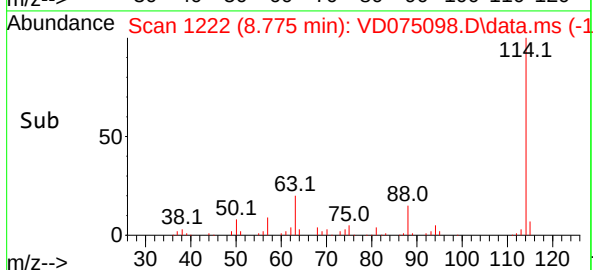
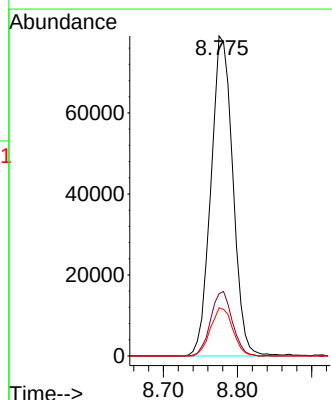
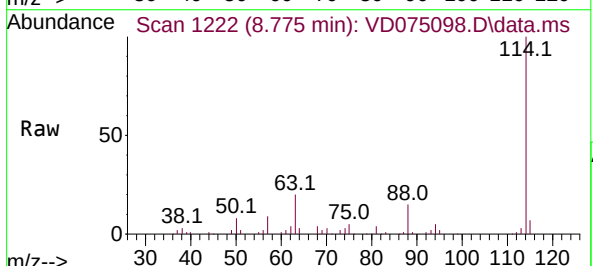
Tgt Ion: 114 Resp: 162564

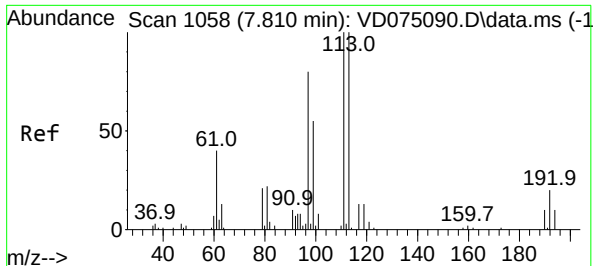
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.1 0.0 31.2

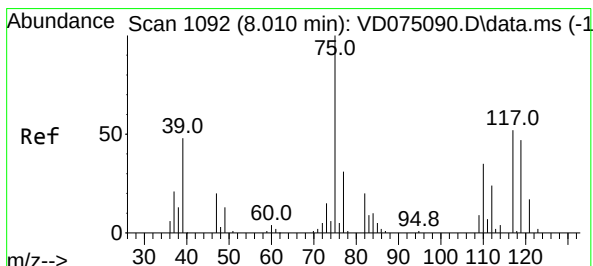
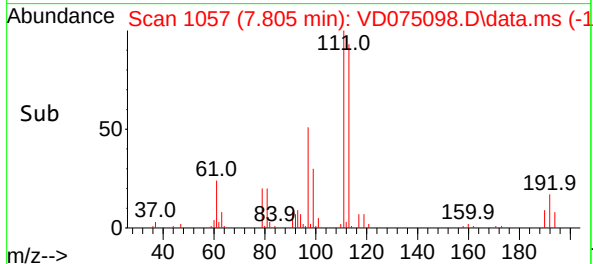
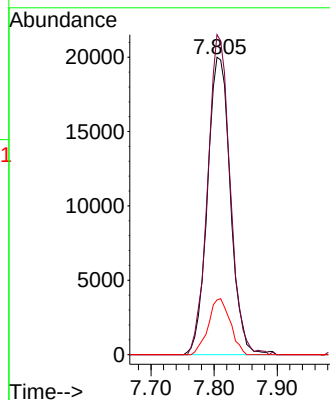
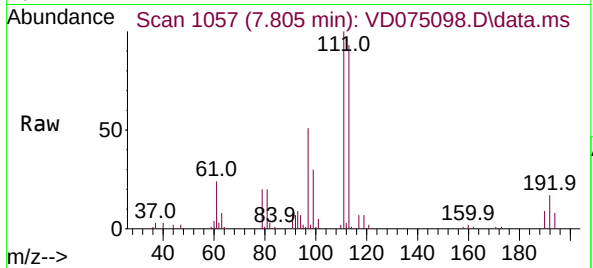




#35
 Dibromofluoromethane
 Concen: 49.431 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

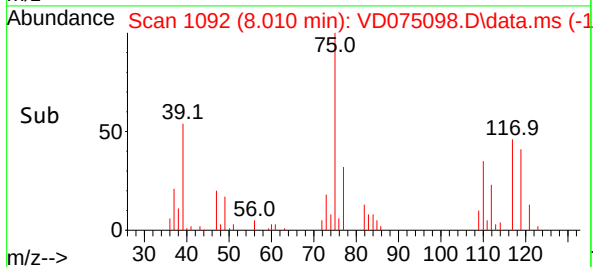
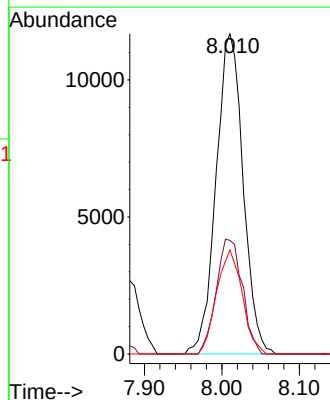
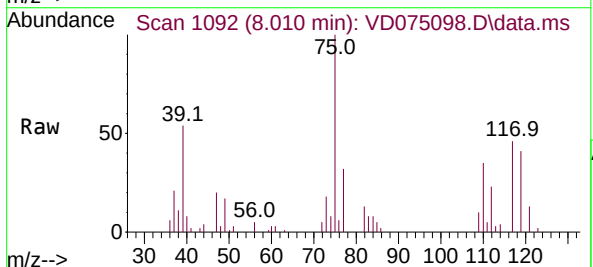
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

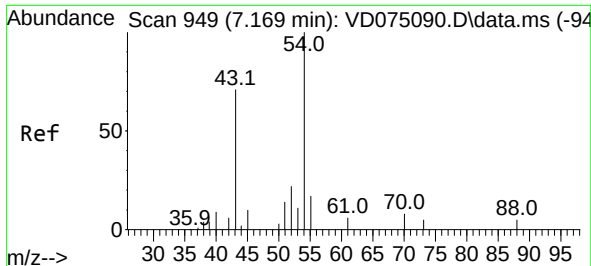
Tgt Ion:113 Resp: 50547
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.2 124.8
 192 17.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 22.409 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

Tgt Ion: 75 Resp: 28351
 Ion Ratio Lower Upper
 75 100
 110 34.5 18.8 56.3
 77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 22.233 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

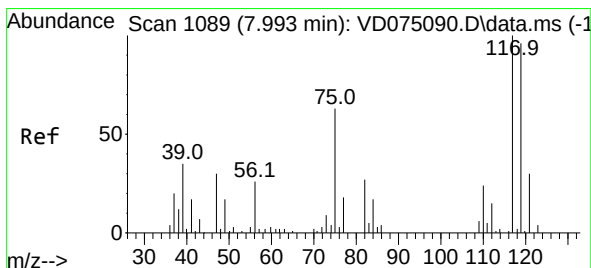
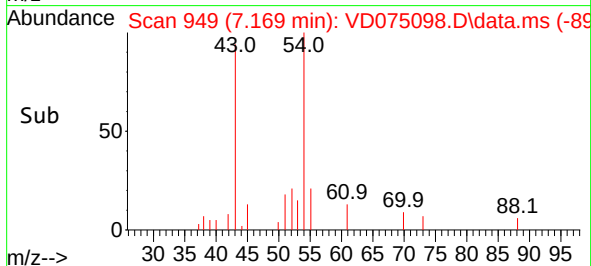
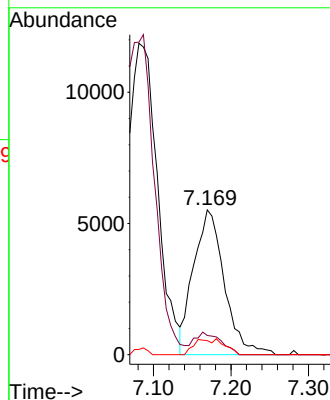
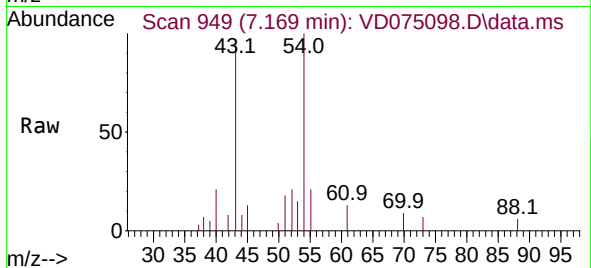
Tgt Ion: 43 Resp: 15218

Ion Ratio Lower Upper

43 100

61 13.7 11.4 17.2

70 10.4 8.4 12.6



#38

Carbon Tetrachloride

Concen: 21.222 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

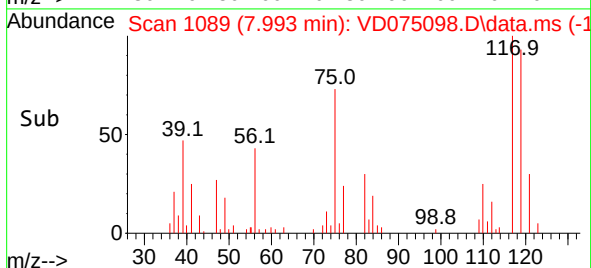
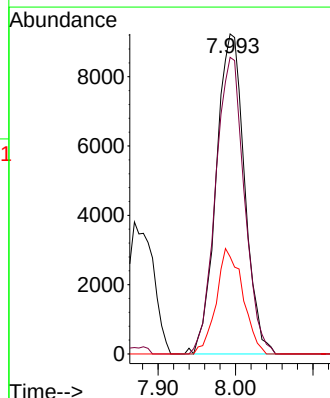
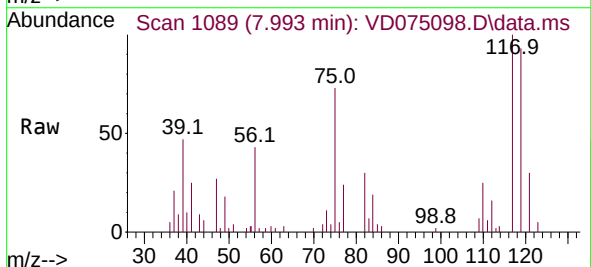
Tgt Ion: 117 Resp: 23523

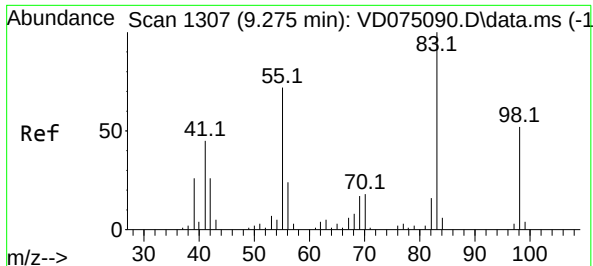
Ion Ratio Lower Upper

117 100

119 92.7 76.8 115.2

121 30.4 23.8 35.8





#39

Methylcyclohexane

Concen: 22.535 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

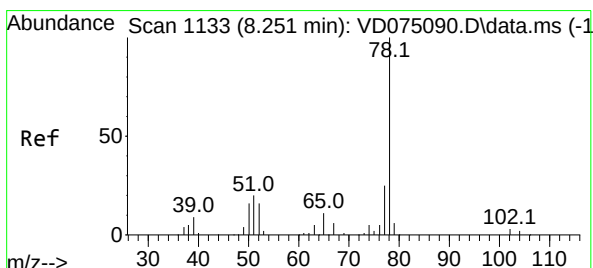
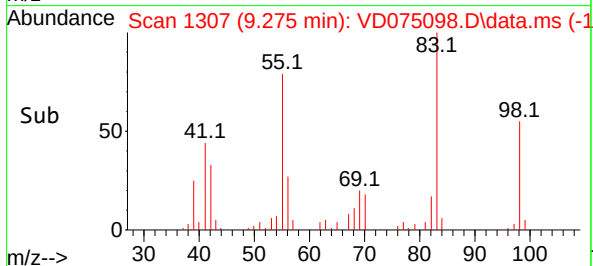
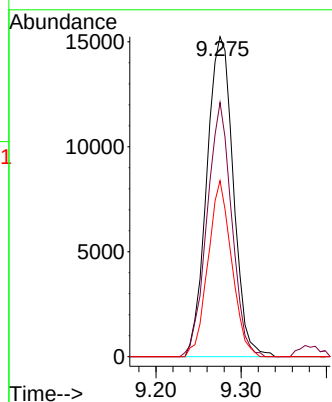
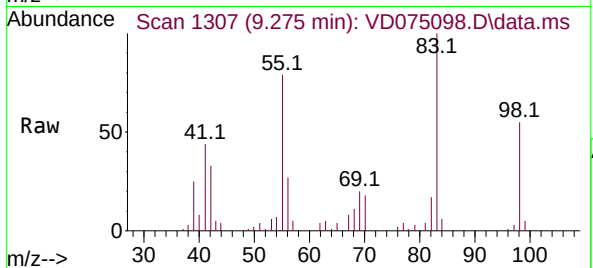
Tgt Ion: 83 Resp: 32976

Ion Ratio Lower Upper

83 100

55 79.4 57.6 86.4

98 55.0 41.4 62.0



#40

Benzene

Concen: 22.140 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075098.D

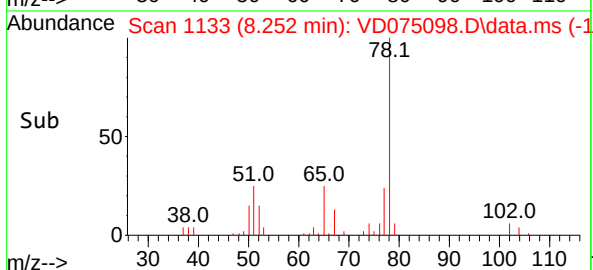
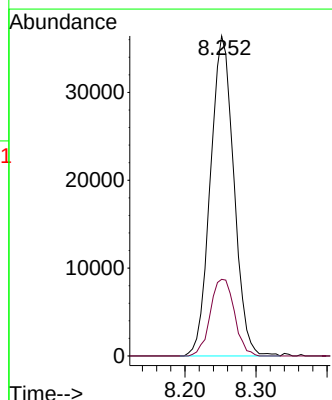
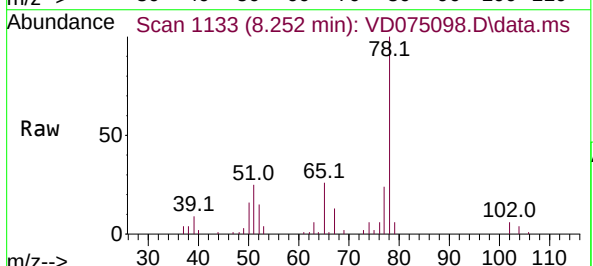
Acq: 10 Jan 2023 11:15

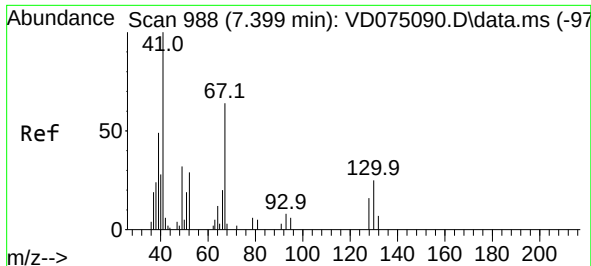
Tgt Ion: 78 Resp: 83572

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

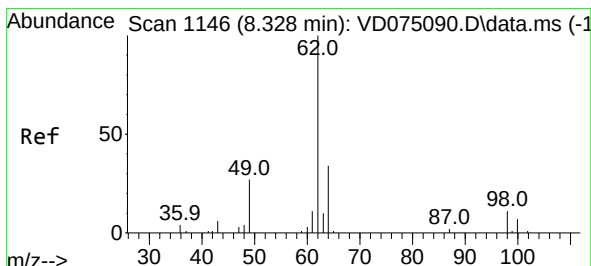
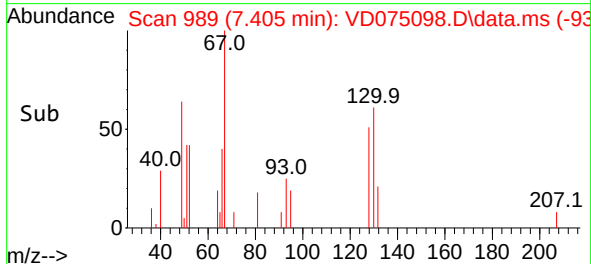
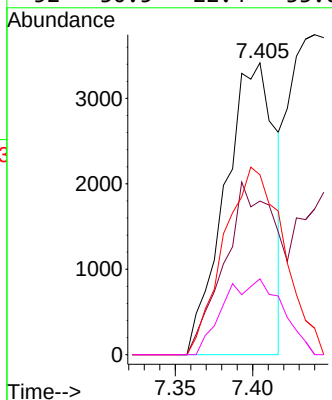
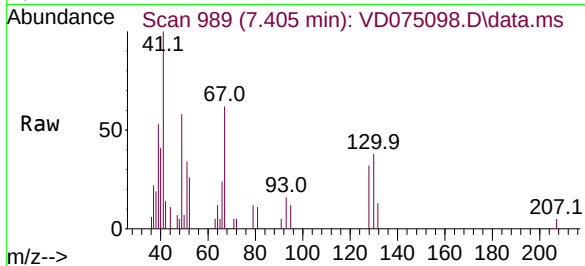




#41
Methacrylonitrile
Concen: 17.732 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

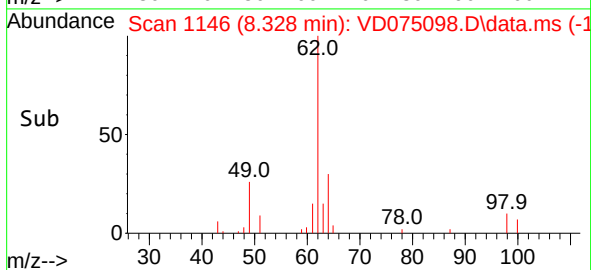
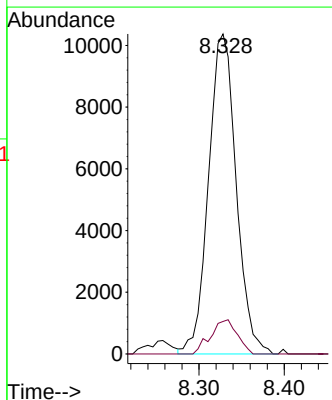
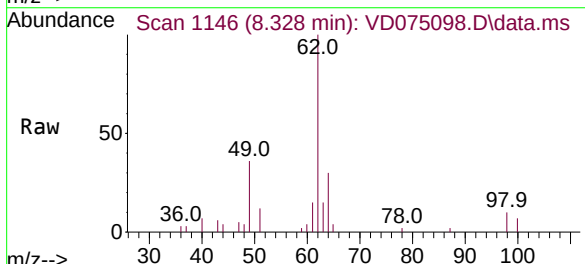
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

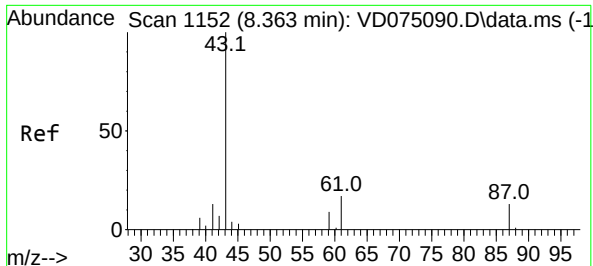
Tgt Ion:	41	Resp:	7681
Ion	Ratio	Lower	Upper
41	100		
39	62.7	48.2	72.2
67	76.6	53.1	79.7
52	30.5	22.4	33.6



#42
1,2-Dichloroethane
Concen: 22.120 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:	62	Resp:	23400
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.4





#43

Isopropyl Acetate

Concen: 22.348 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

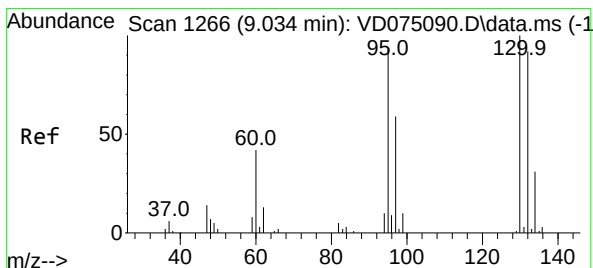
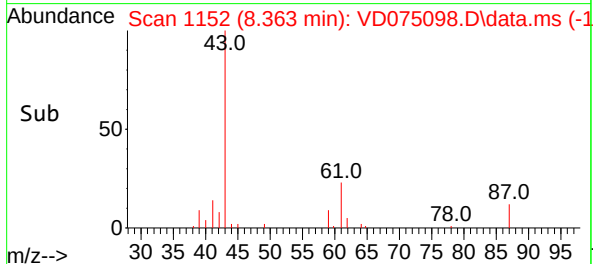
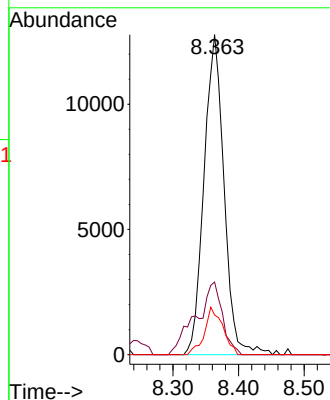
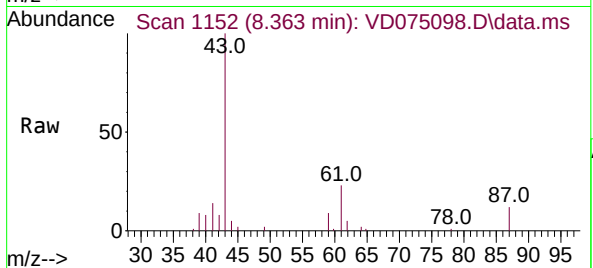
Tgt Ion: 43 Resp: 27208

Ion Ratio Lower Upper

43 100

61 30.0 23.2 34.8

87 13.5 10.6 16.0



#44

Trichloroethene

Concen: 21.344 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD075098.D

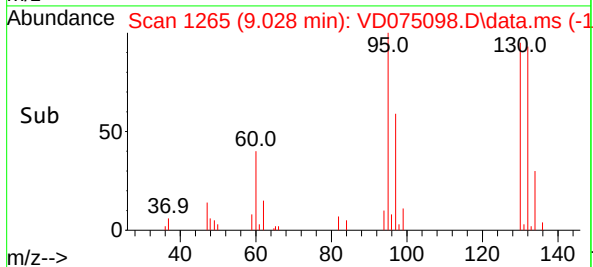
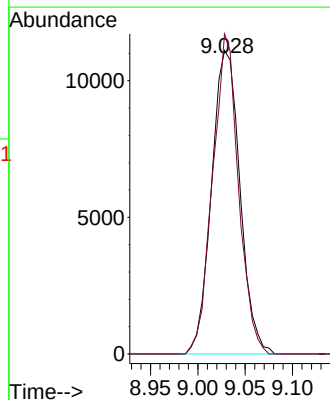
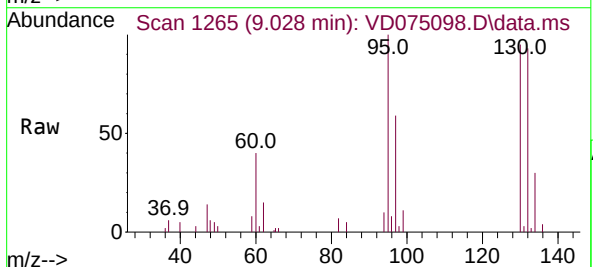
Acq: 10 Jan 2023 11:15

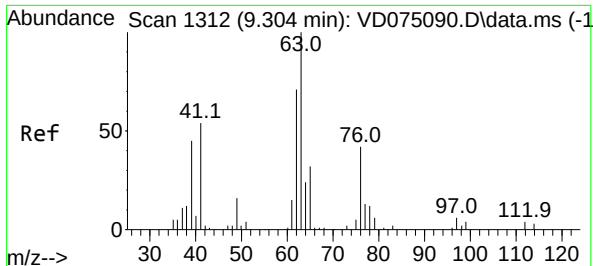
Tgt Ion: 130 Resp: 23156

Ion Ratio Lower Upper

130 100

95 105.4 0.0 186.6





#45

1,2-Dichloropropane

Concen: 21.735 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

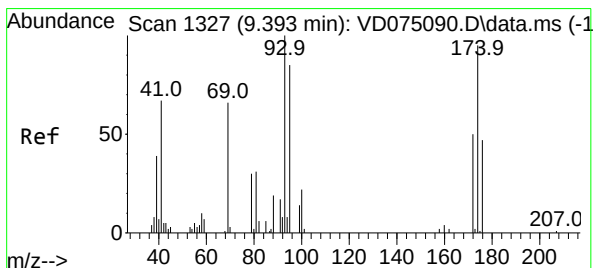
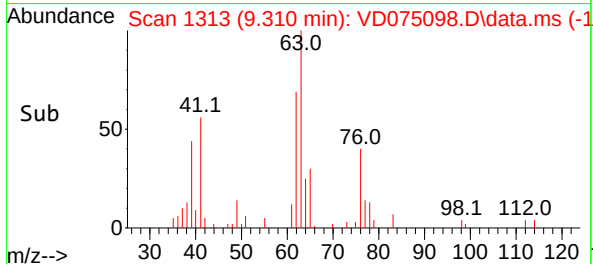
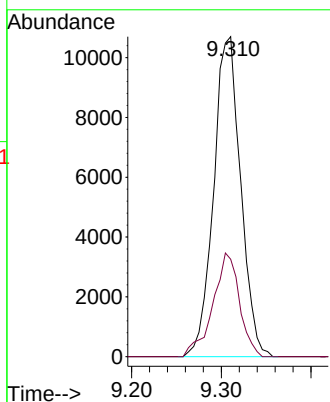
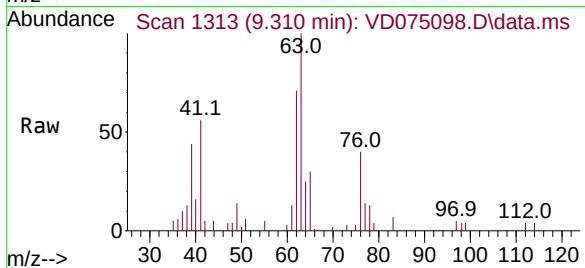
VD0110SBS01

Tgt Ion: 63 Resp: 22356

Ion Ratio Lower Upper

63 100

65 30.4 25.2 37.8



#46

Dibromomethane

Concen: 22.457 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

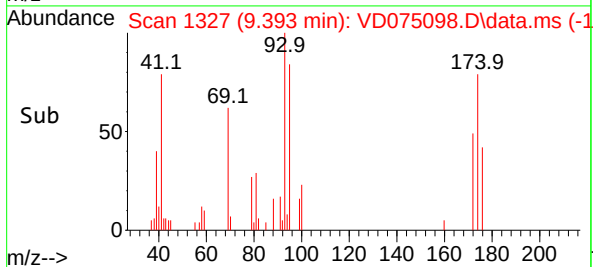
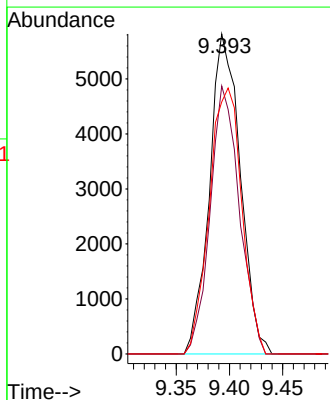
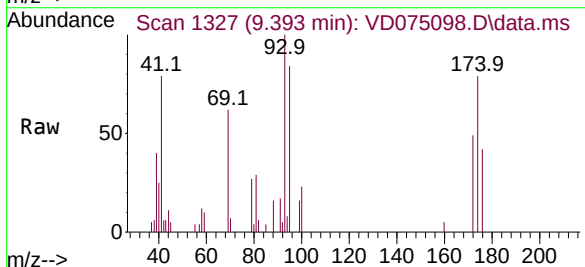
Tgt Ion: 93 Resp: 11674

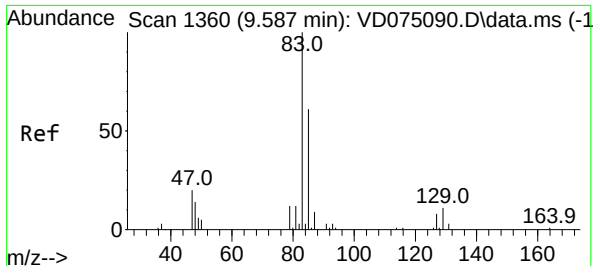
Ion Ratio Lower Upper

93 100

95 79.7 66.7 100.1

174 87.7 76.8 115.2





#47

Bromodichloromethane

Concen: 21.781 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

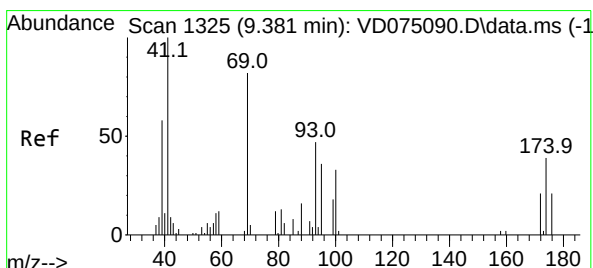
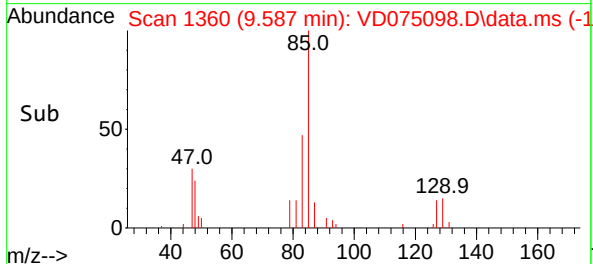
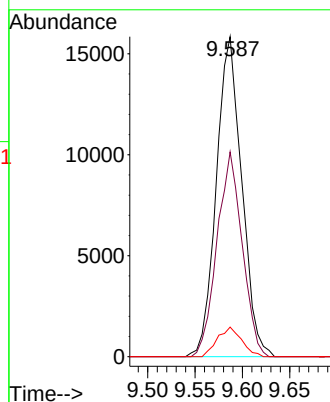
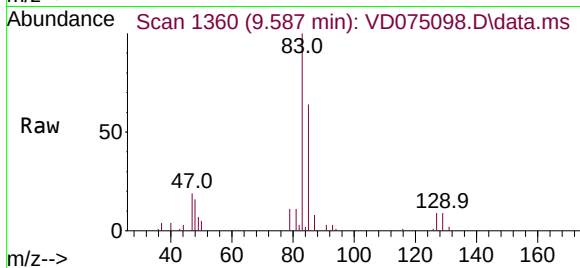
Tgt Ion: 83 Resp: 29567

Ion Ratio Lower Upper

83 100

85 64.0 48.8 73.2

127 9.2 6.6 9.8



#48

Methyl methacrylate

Concen: 21.856 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

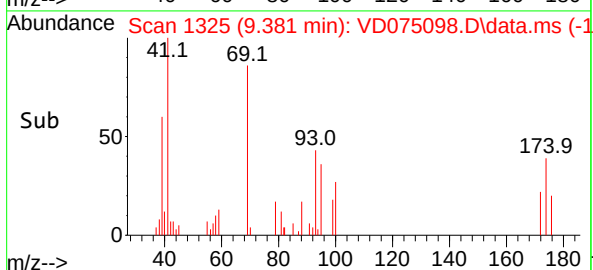
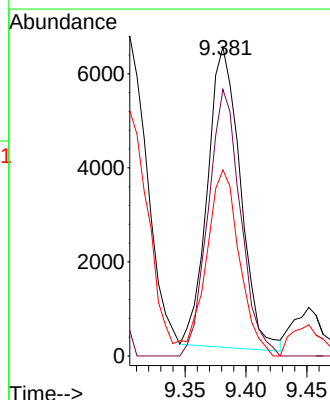
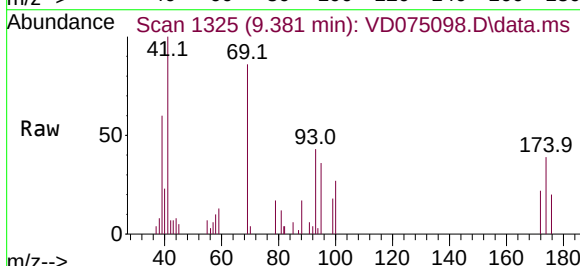
Tgt Ion: 41 Resp: 11989

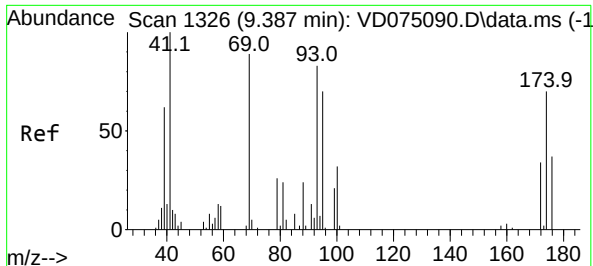
Ion Ratio Lower Upper

41 100

69 87.5 72.4 108.6

39 61.2 50.6 76.0





#49

1,4-Dioxane

Concen: 434.709 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

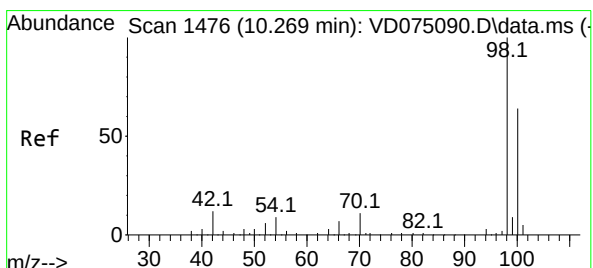
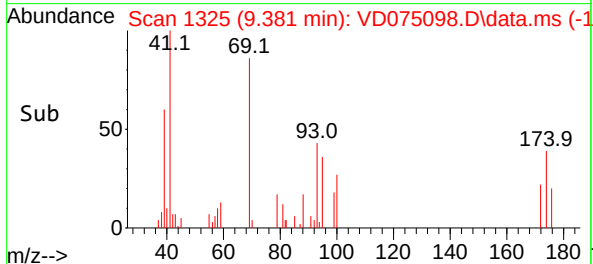
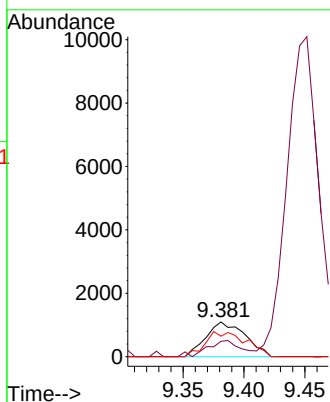
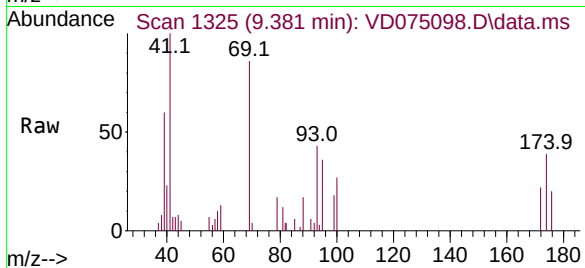
Tgt Ion: 88 Resp: 2461

Ion Ratio Lower Upper

88 100

43 41.4 27.4 41.2#

58 74.2 48.6 73.0#



#50

Toluene-d8

Concen: 47.607 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075098.D

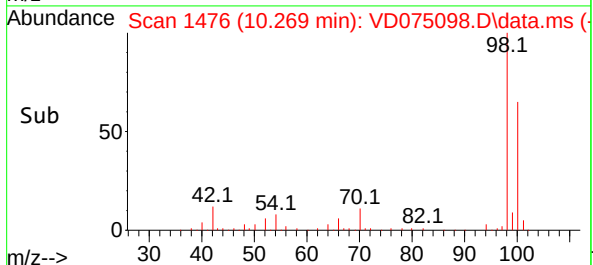
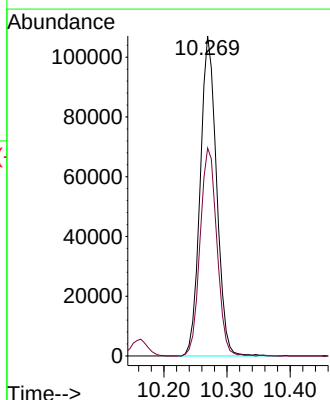
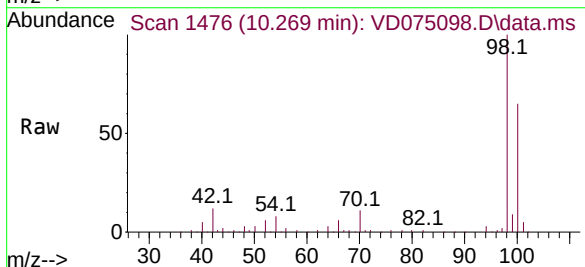
Acq: 10 Jan 2023 11:15

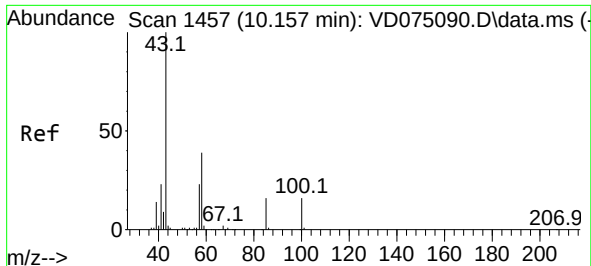
Tgt Ion: 98 Resp: 193023

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 107.614 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

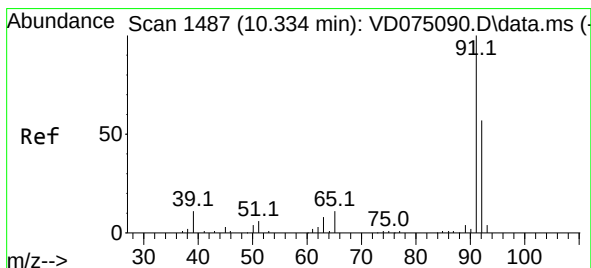
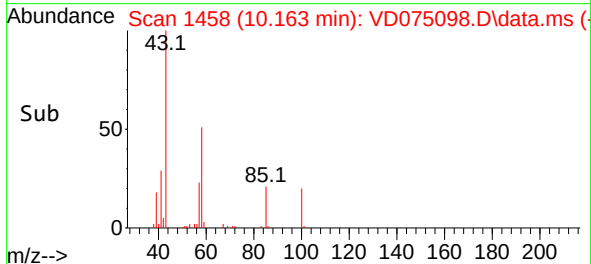
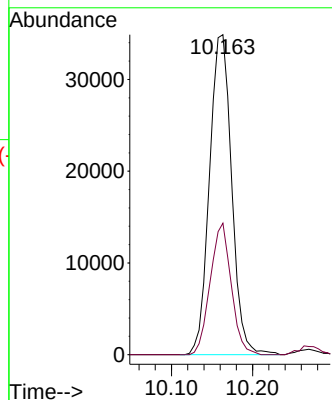
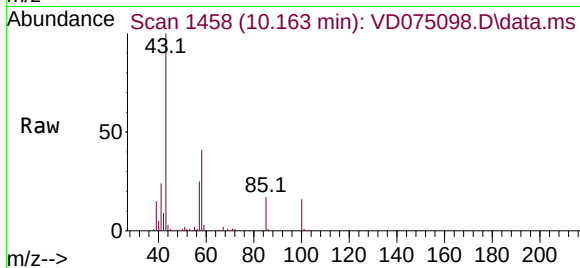
VD0110SBS01

Tgt Ion: 43 Resp: 66159

Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.4



#52

Toluene

Concen: 21.957 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075098.D

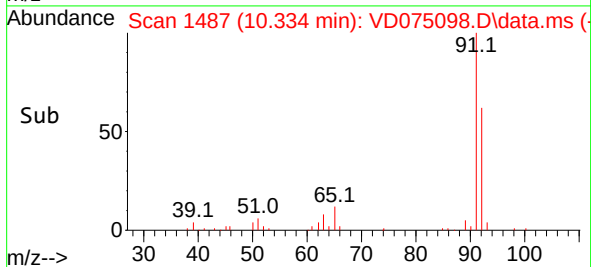
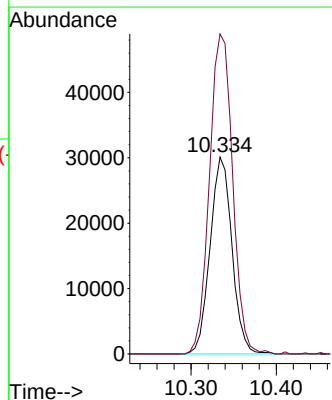
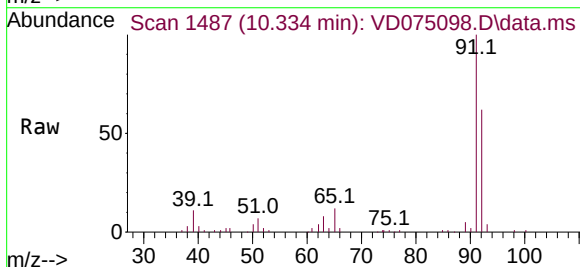
Acq: 10 Jan 2023 11:15

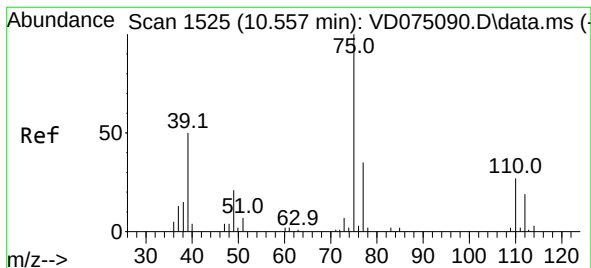
Tgt Ion: 92 Resp: 53732

Ion Ratio Lower Upper

92 100

91 172.0 140.1 210.1

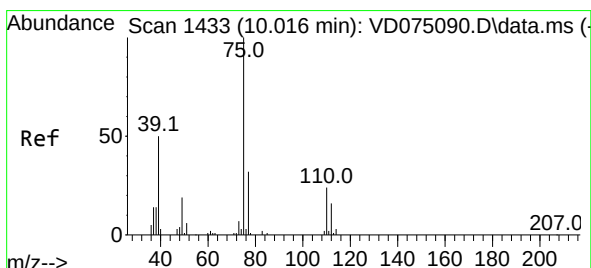
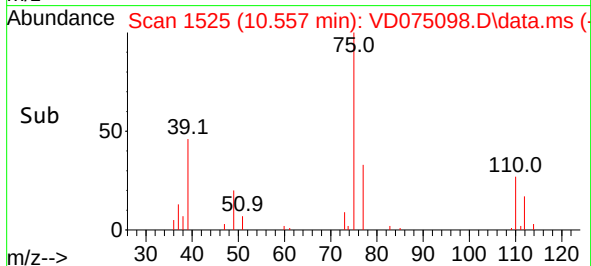
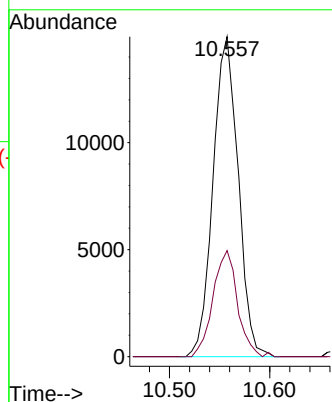
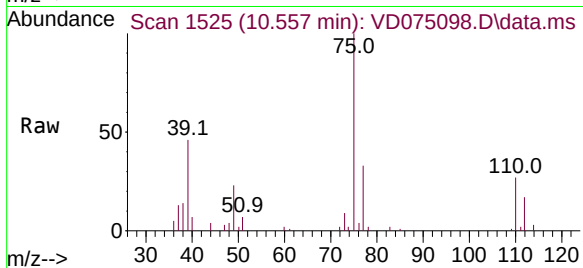




#53
 t-1,3-Dichloropropene
 Concen: 20.957 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

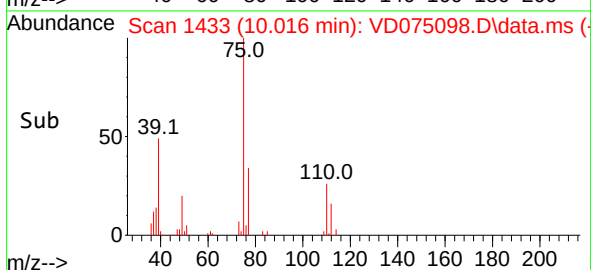
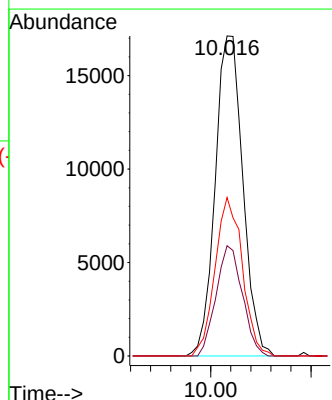
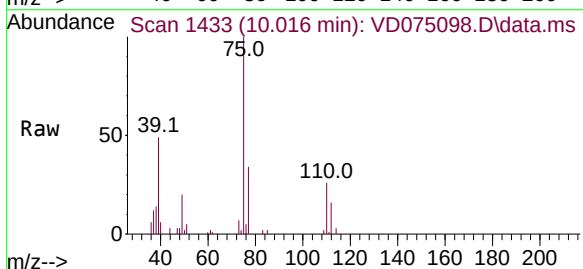
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

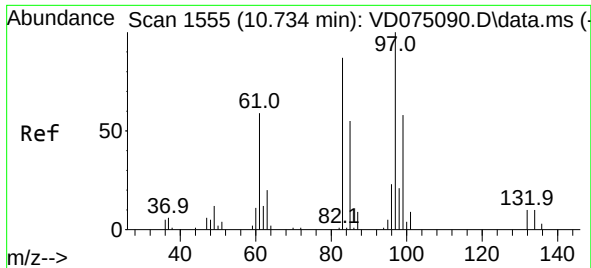
Tgt Ion: 75 Resp: 26001
 Ion Ratio Lower Upper
 75 100
 77 33.1 27.6 41.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.565 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

Tgt Ion: 75 Resp: 32771
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.5 38.3
 39 49.5 40.3 60.5

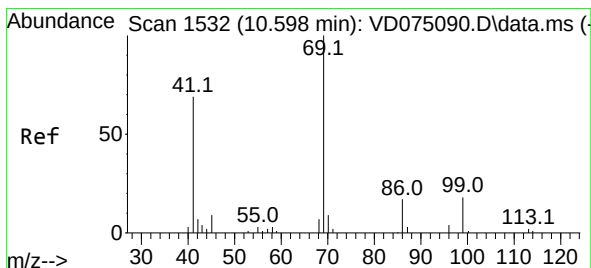
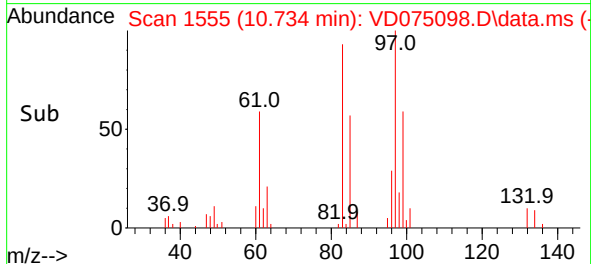
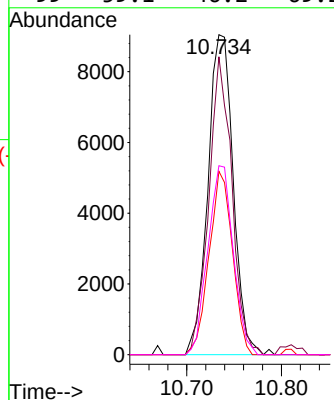
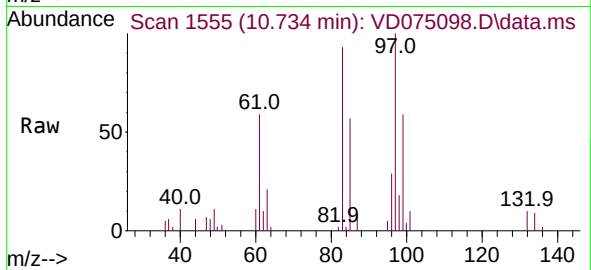




#55
1,1,2-Trichloroethane
Concen: 22.240 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

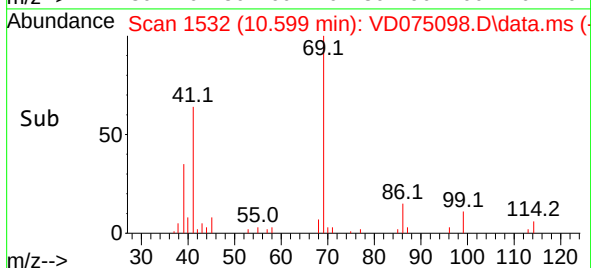
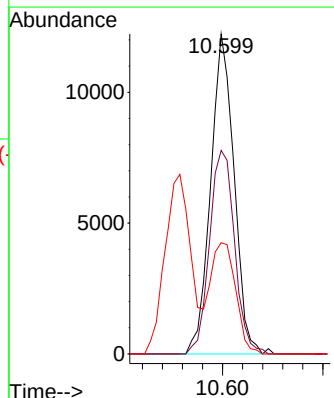
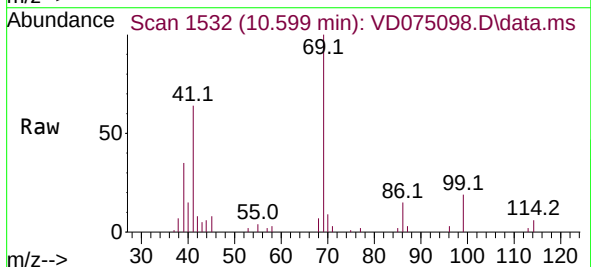
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

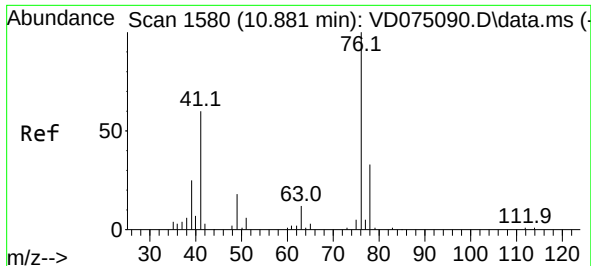
Tgt Ion: 97	Resp: 16838
Ion Ratio	Lower Upper
97 100	
83 93.1	69.4 104.2
85 57.3	43.8 65.8
99 59.1	46.2 69.2



#56
Ethyl methacrylate
Concen: 21.685 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 69	Resp: 19831
Ion Ratio	Lower Upper
69 100	
41 68.0	54.4 81.6
39 36.8	30.6 45.8





#57

1,3-Dichloropropane

Concen: 22.621 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

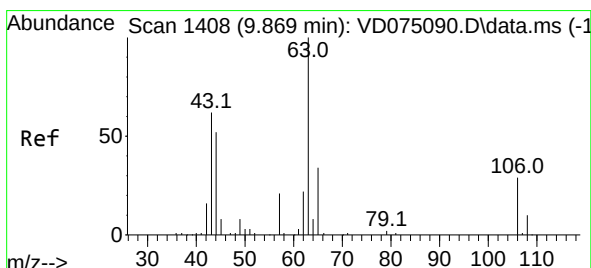
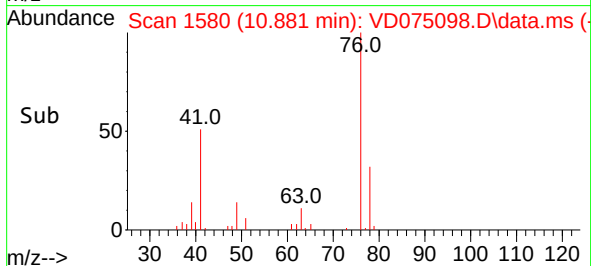
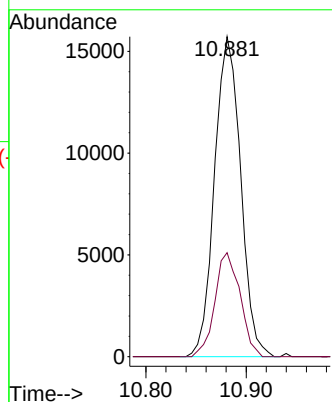
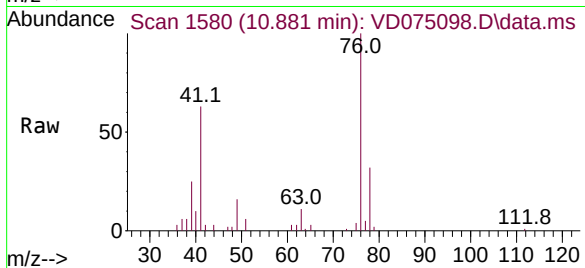
VD0110SBS01

Tgt Ion: 76 Resp: 28451

Ion Ratio Lower Upper

76 100

78 31.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 117.340 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075098.D

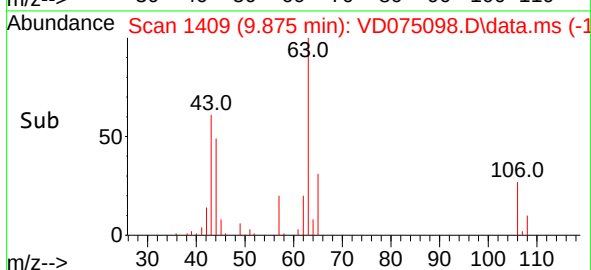
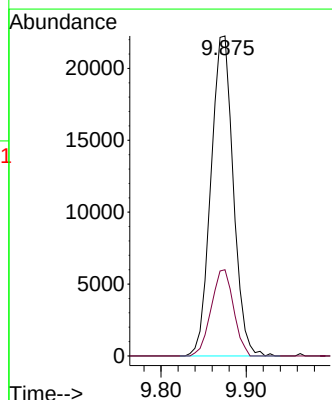
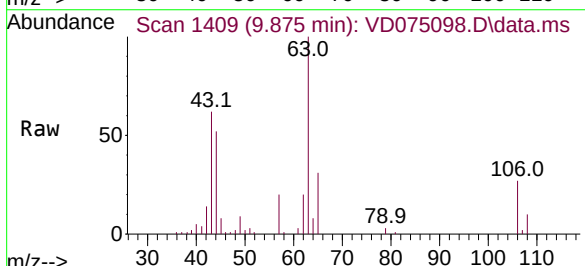
Acq: 10 Jan 2023 11:15

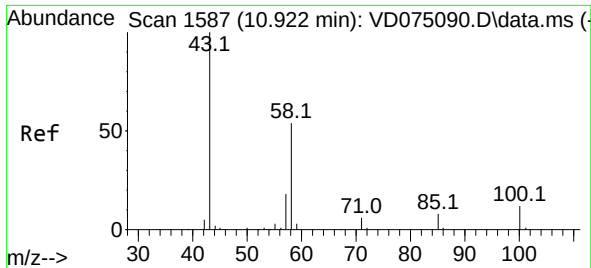
Tgt Ion: 63 Resp: 40513

Ion Ratio Lower Upper

63 100

106 27.0 23.6 35.4

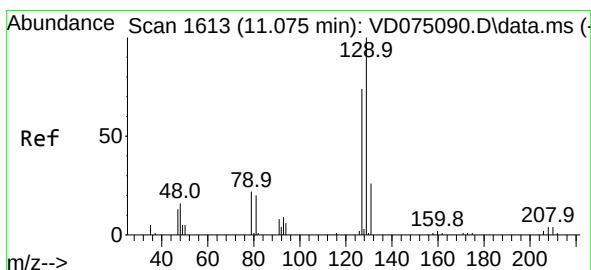
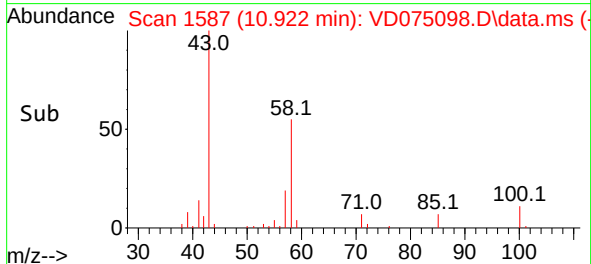
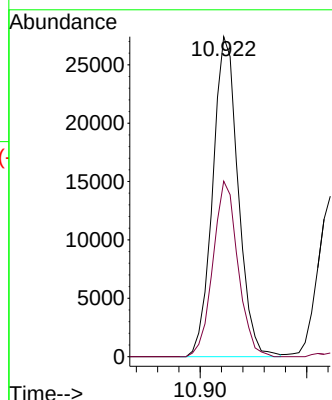
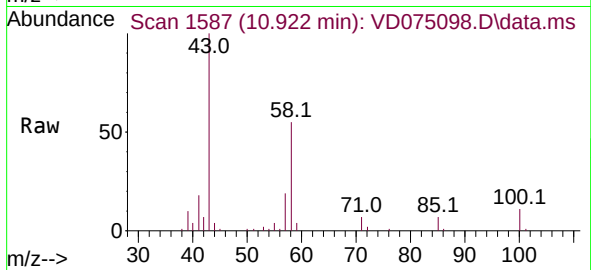




#59
2-Hexanone
Concen: 105.542 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

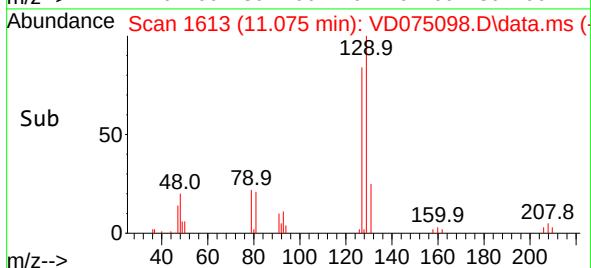
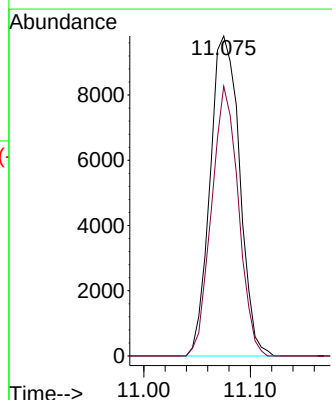
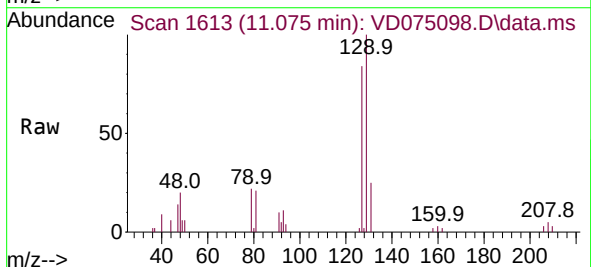
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

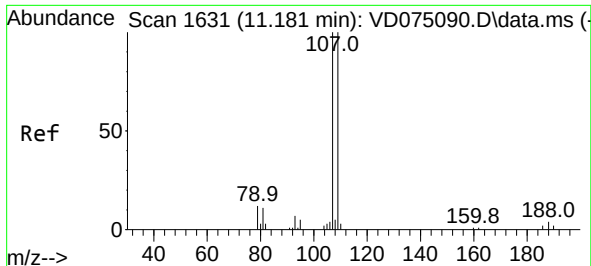
Tgt Ion: 43 Resp: 45387
Ion Ratio Lower Upper
43 100
58 53.8 26.6 79.8



#60
Dibromochloromethane
Concen: 21.062 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 129 Resp: 18881
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

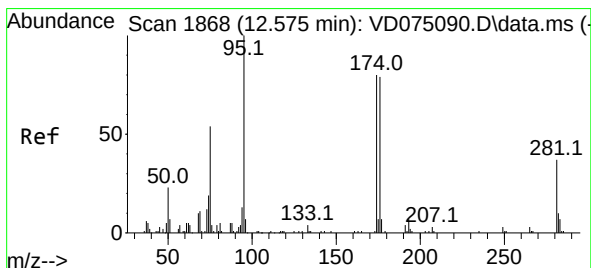
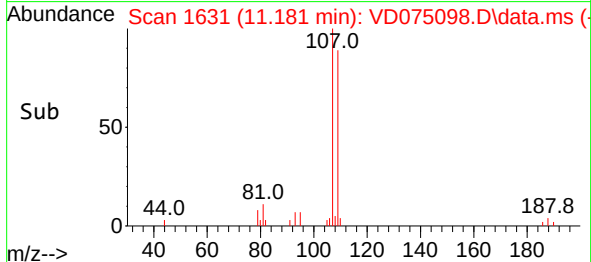
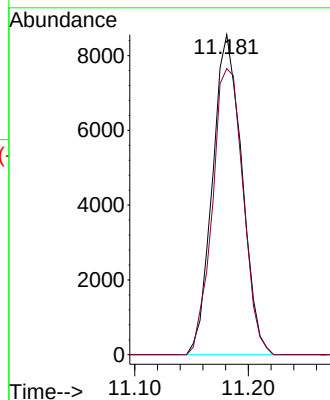
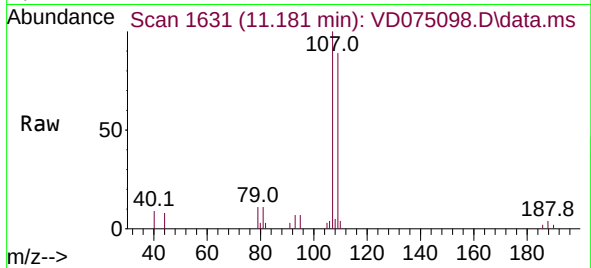




#61
1,2-Dibromoethane
Concen: 22.377 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

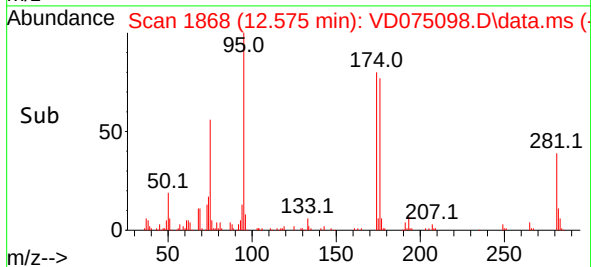
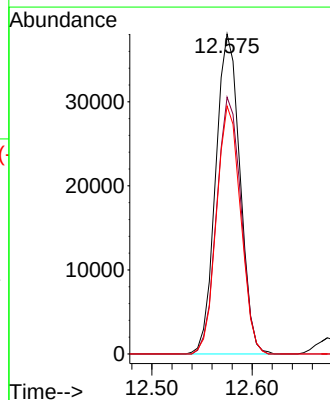
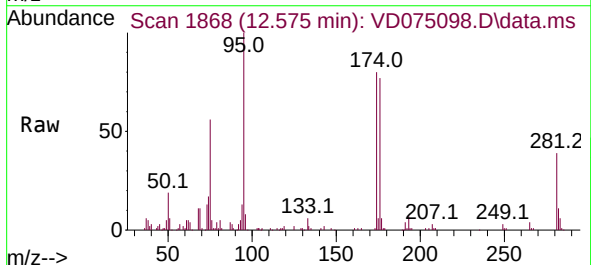
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

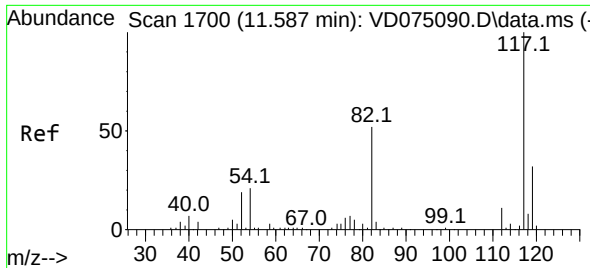
Tgt Ion:107 Resp: 15382
Ion Ratio Lower Upper
107 100
109 93.5 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 49.196 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 95 Resp: 64024
Ion Ratio Lower Upper
95 100
174 80.4 0.0 168.4
176 76.9 0.0 163.8

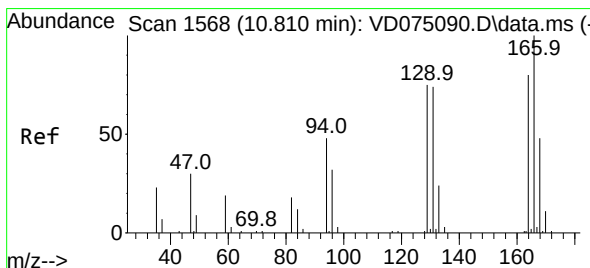
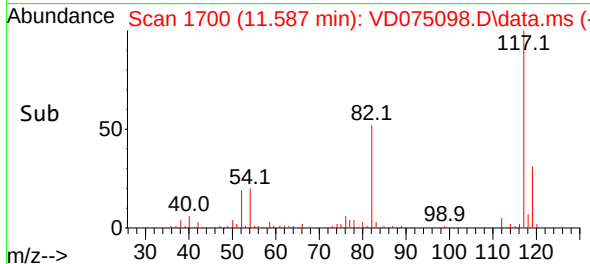
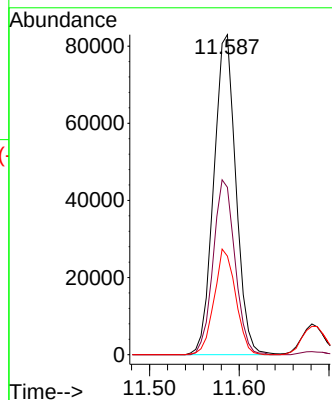
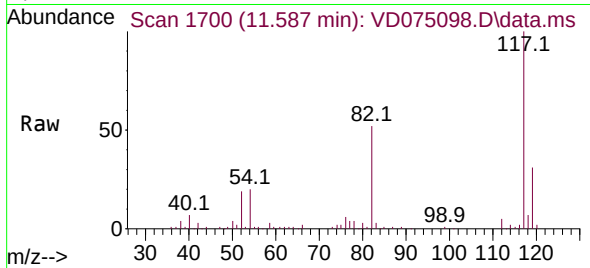




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

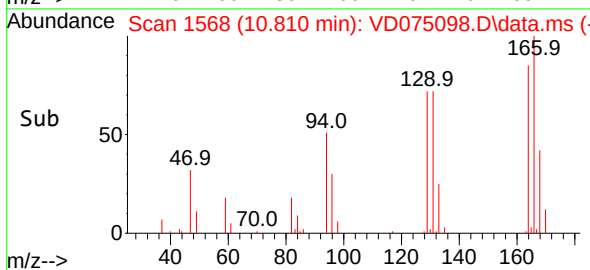
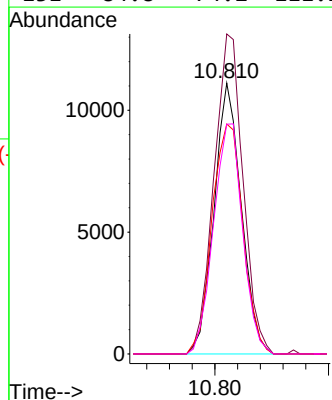
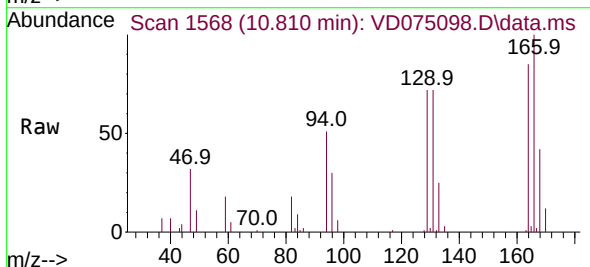
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

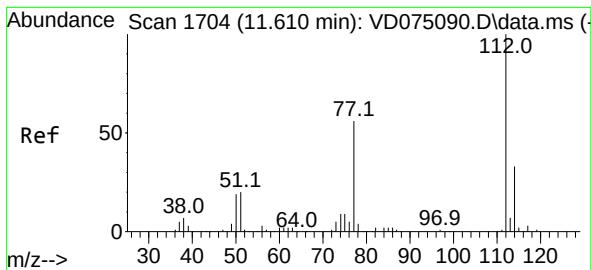
Tgt Ion:117 Resp: 141915
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 30.8 25.8 38.6



#64
Tetrachloroethene
Concen: 20.327 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:164 Resp: 18498
Ion Ratio Lower Upper
164 100
166 118.1 100.3 150.5
129 84.9 75.8 113.6
131 84.8 74.2 111.2

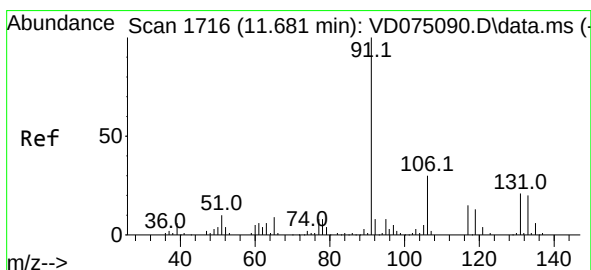
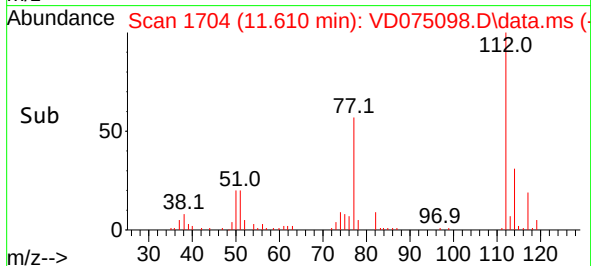
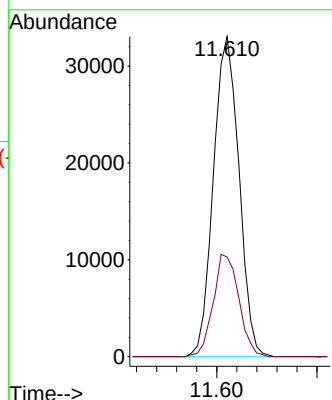
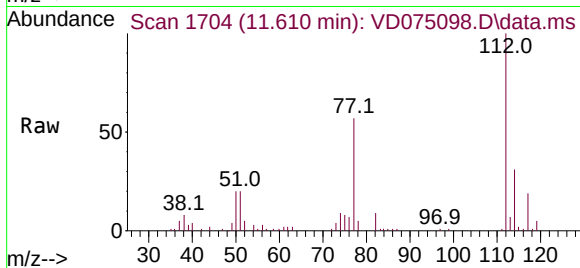




#65
Chlorobenzene
Concen: 21.846 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

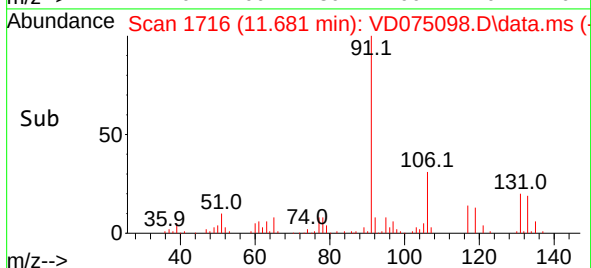
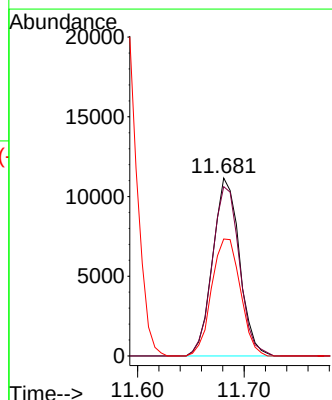
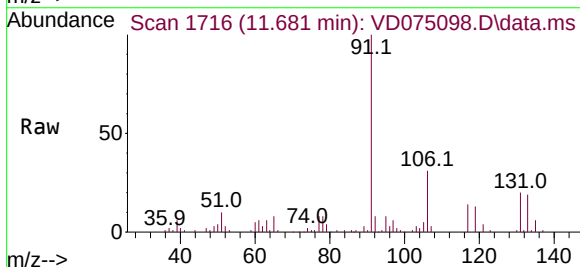
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

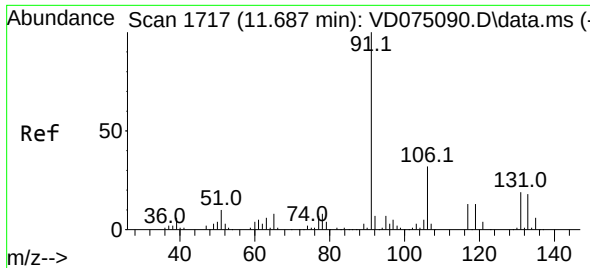
Tgt Ion:112 Resp: 58354
Ion Ratio Lower Upper
112 100
114 31.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.641 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:131 Resp: 19482
Ion Ratio Lower Upper
131 100
133 96.9 46.4 139.2
119 70.4 33.4 100.2

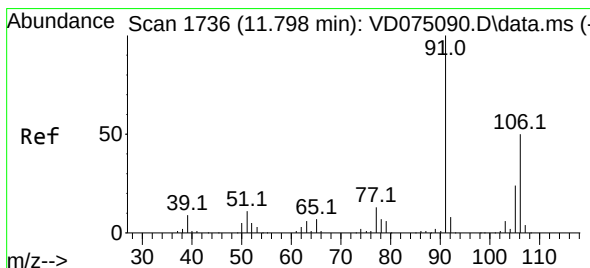
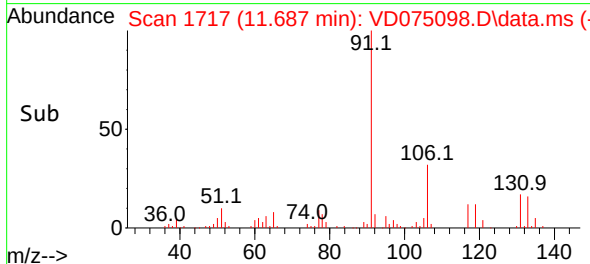
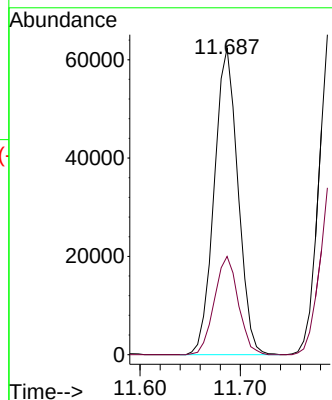
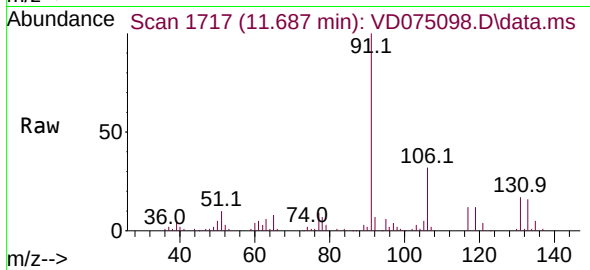




#67
Ethyl Benzene
Concen: 21.548 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

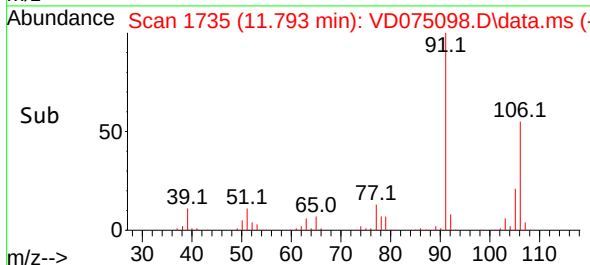
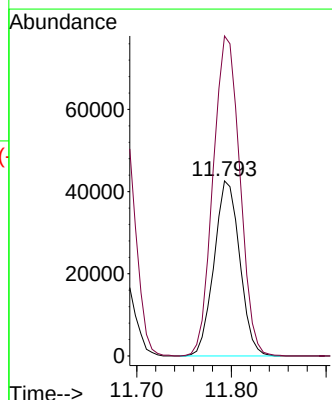
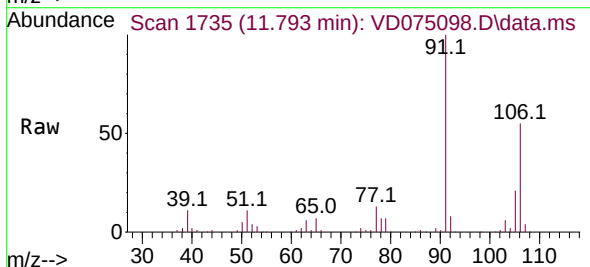
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

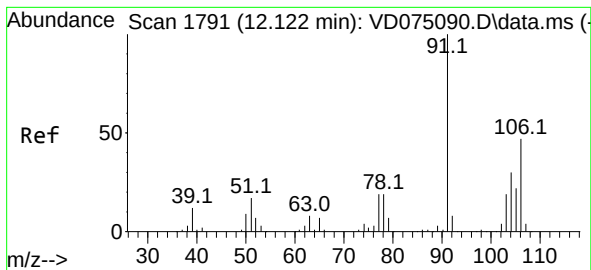
Tgt Ion: 91 Resp: 102493
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 43.769 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 106 Resp: 80246
Ion Ratio Lower Upper
106 100
91 190.9 157.9 236.9

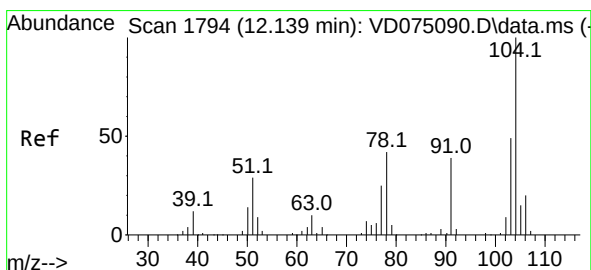
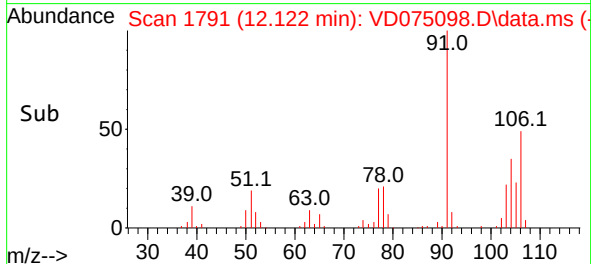
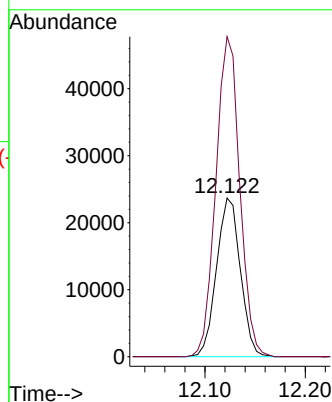
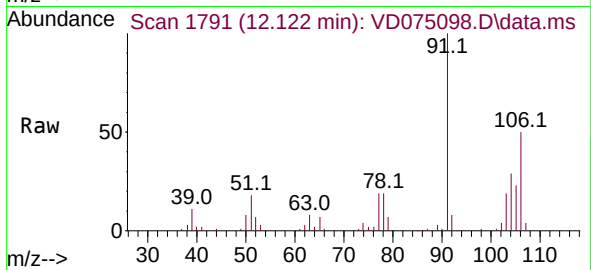




#69
o-Xylene
Concen: 21.964 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

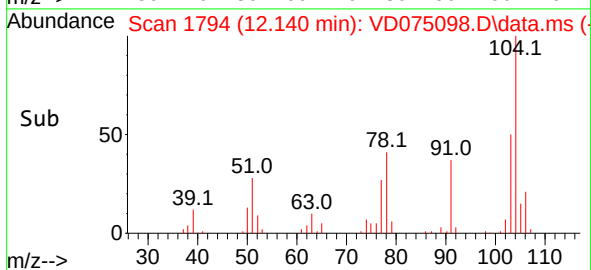
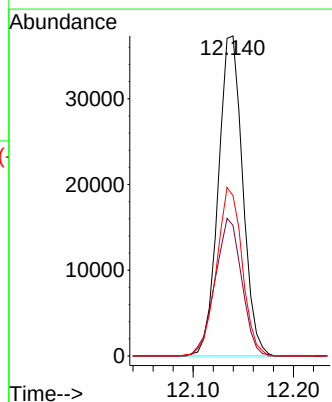
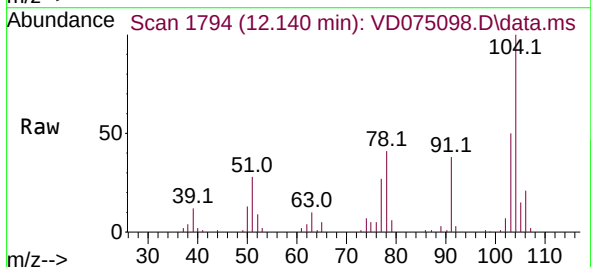
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

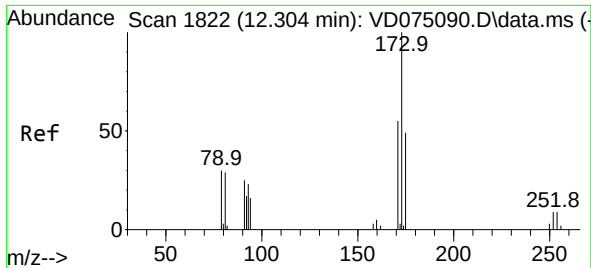
Tgt Ion:106 Resp: 39028
Ion Ratio Lower Upper
106 100
91 202.2 104.5 313.3



#70
Styrene
Concen: 21.182 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:104 Resp: 62906
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.2
103 55.4 43.9 65.9

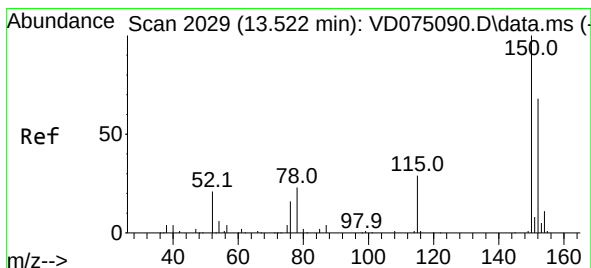
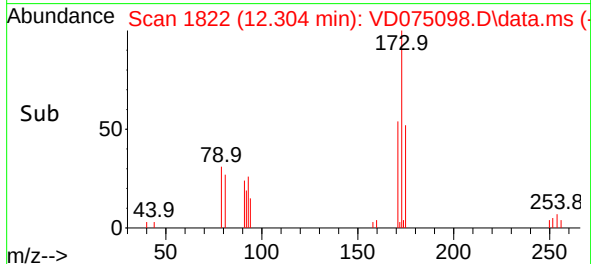
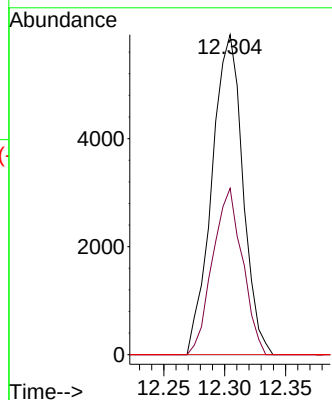
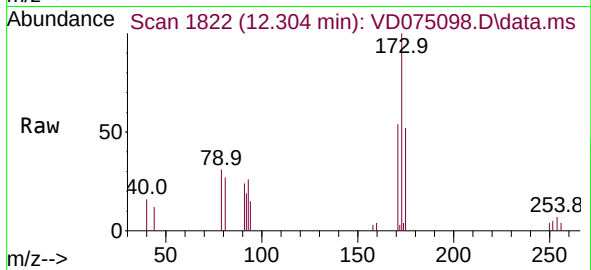




#71
Bromoform
Concen: 20.688 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

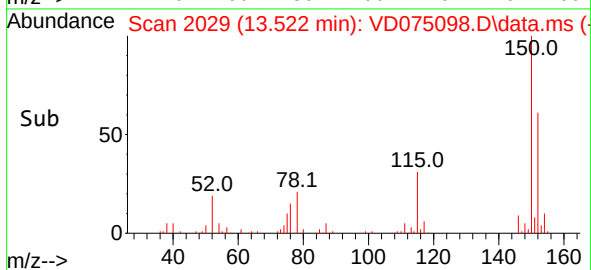
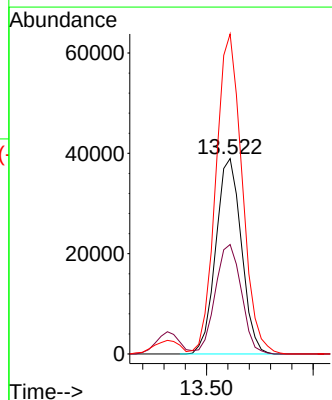
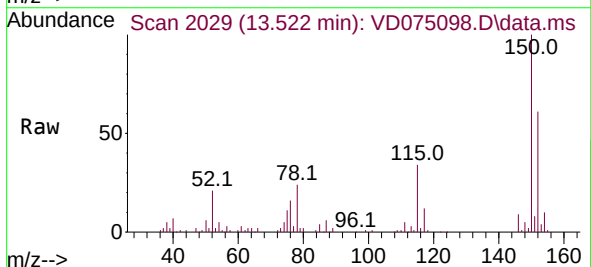
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

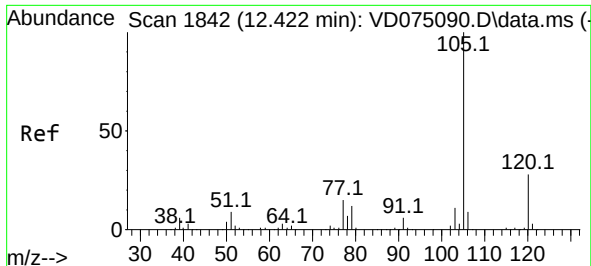
Tgt Ion:173 Resp: 10495
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:152 Resp: 64810
Ion Ratio Lower Upper
152 100
115 57.2 28.7 86.1
150 168.6 0.0 343.2

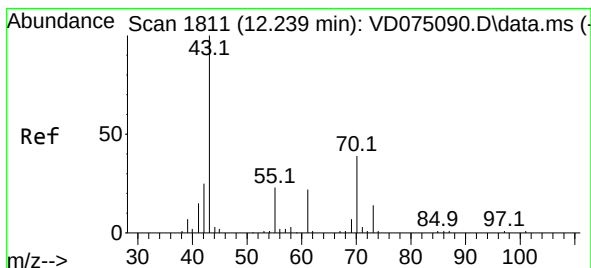
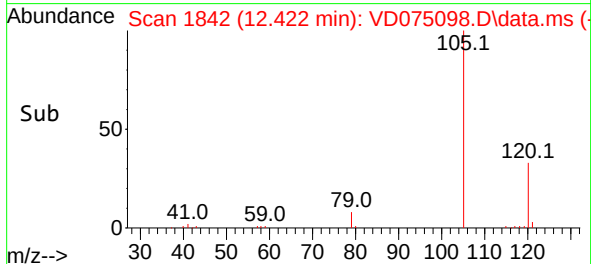
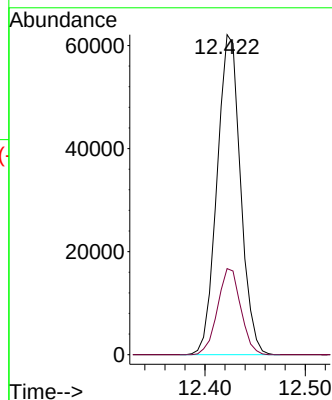
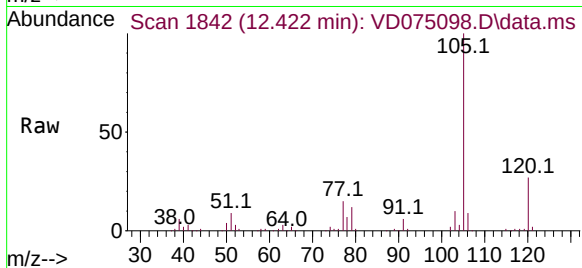




#73
Isopropylbenzene
Concen: 20.817 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

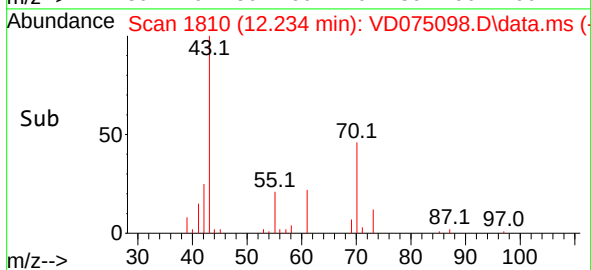
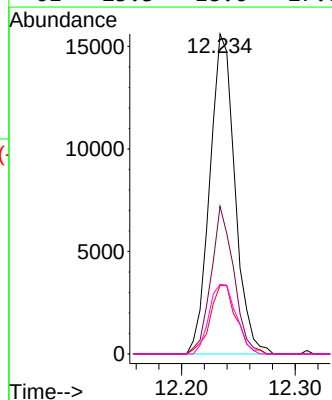
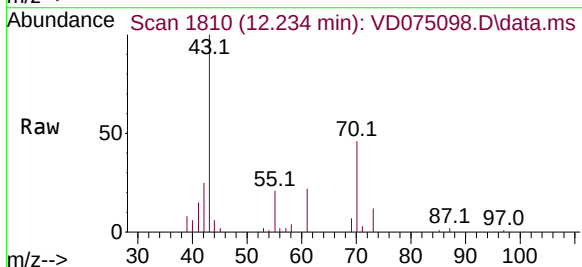
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

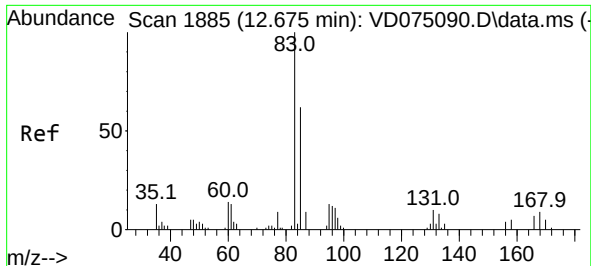
Tgt Ion:105 Resp: 100875
Ion Ratio Lower Upper
105 100
120 26.6 13.6 40.7



#74
N-ethyl acetate
Concen: 21.755 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 43 Resp: 23945
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.0
55 22.3 17.4 26.0
61 23.3 18.6 27.8

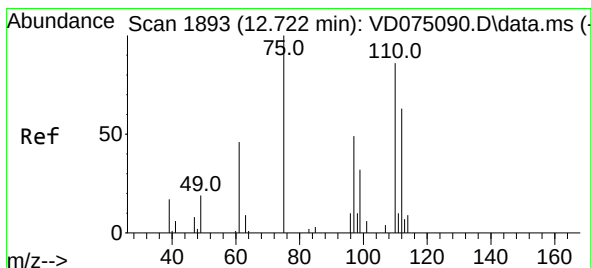
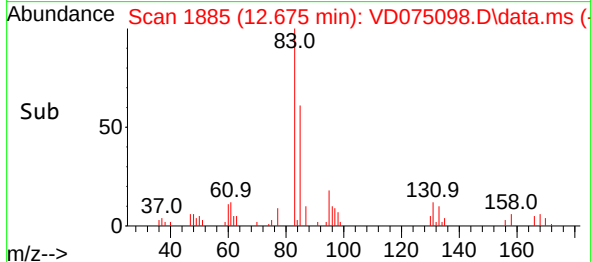
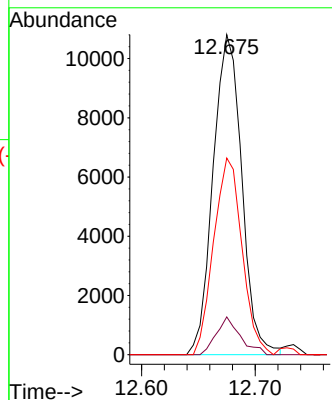
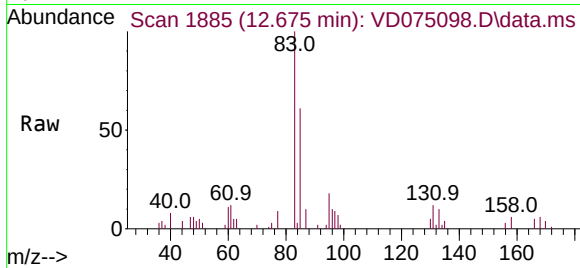




#75
1,1,2,2-Tetrachloroethane
Concen: 22.844 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

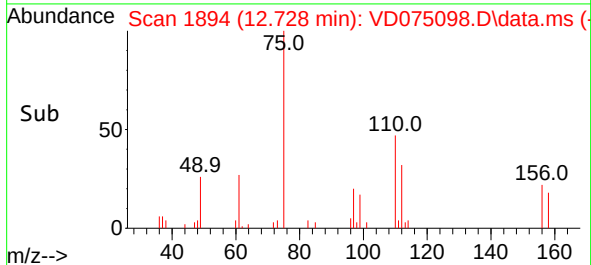
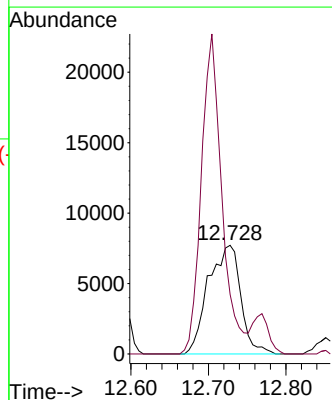
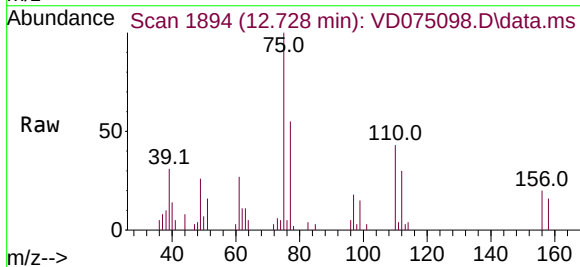
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

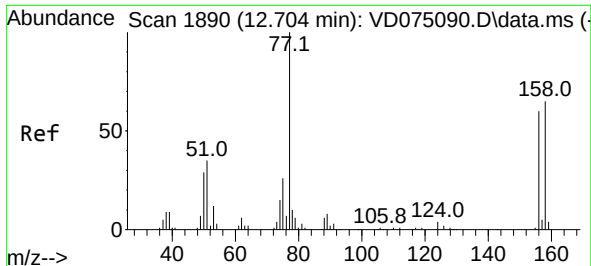
Tgt Ion: 83 Resp: 18972
Ion Ratio Lower Upper
83 100
131 9.8 5.3 16.1
85 60.6 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 36.235 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 75 Resp: 22408
Ion Ratio Lower Upper
75 100
77 0.0 149.0 447.1#

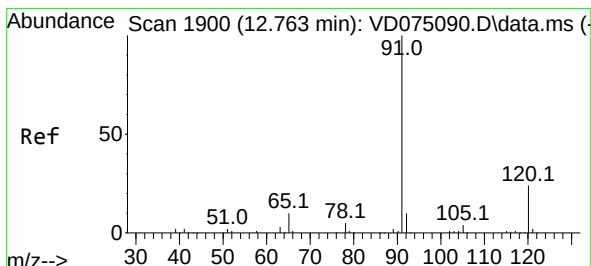
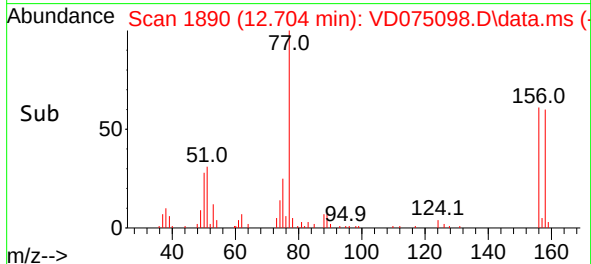
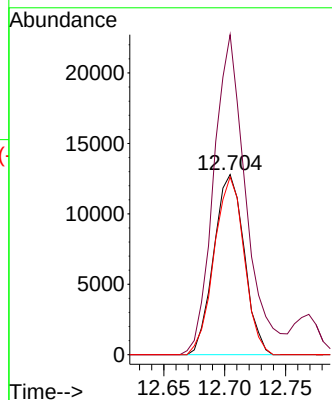
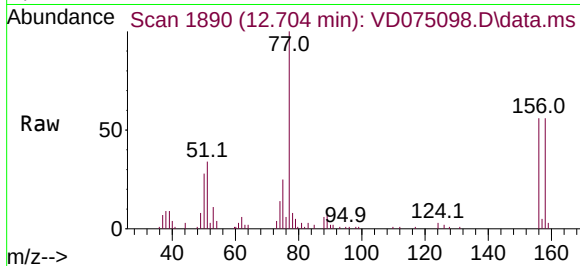




#77
Bromobenzene
Concen: 20.998 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

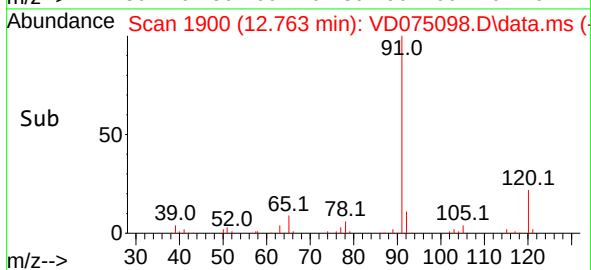
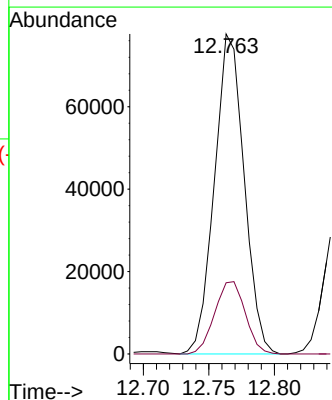
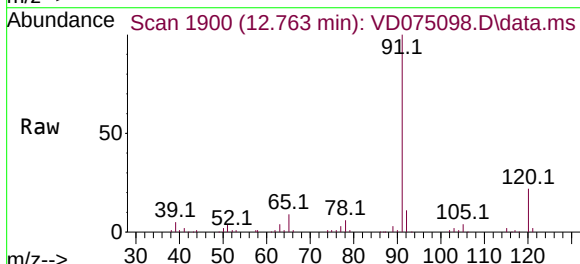
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

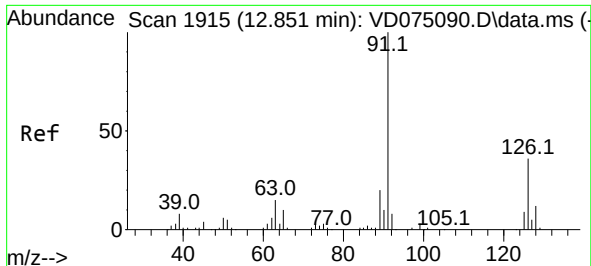
Tgt Ion:156 Resp: 22275
Ion Ratio Lower Upper
156 100
77 189.1 90.8 272.5
158 96.9 49.4 148.0



#78
n-propylbenzene
Concen: 21.037 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 91 Resp: 122263
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0

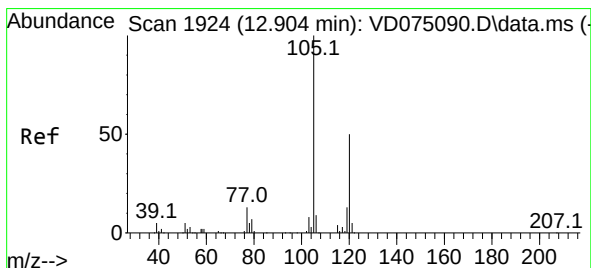
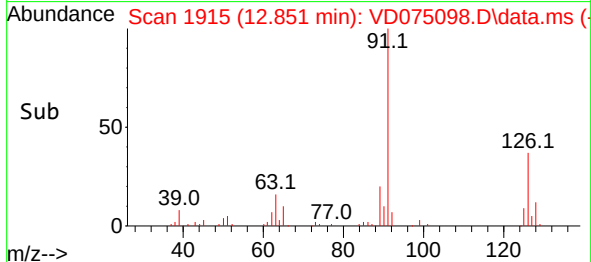
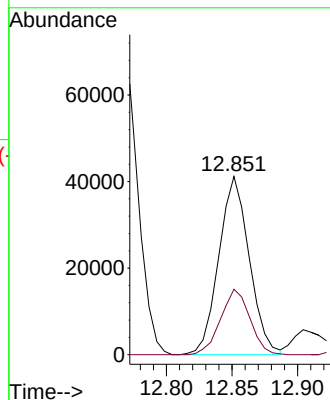
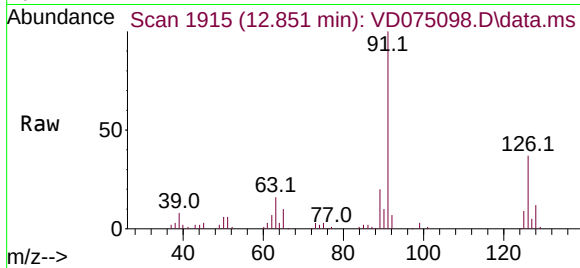




#79
2-Chlorotoluene
Concen: 20.851 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

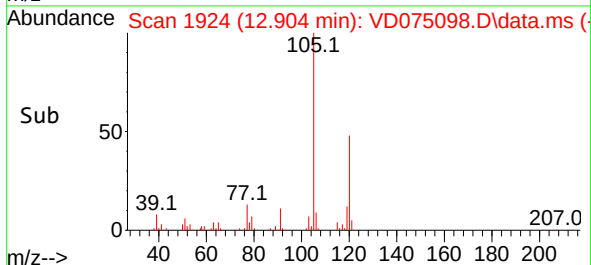
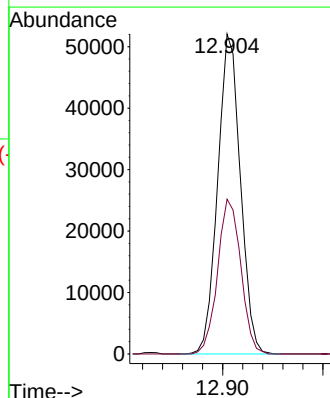
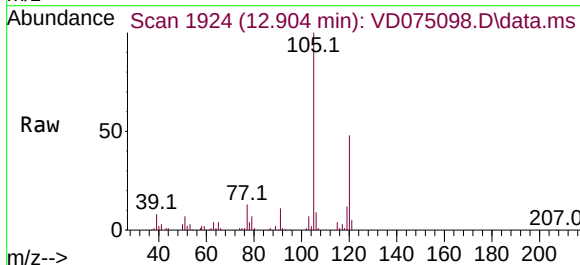
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

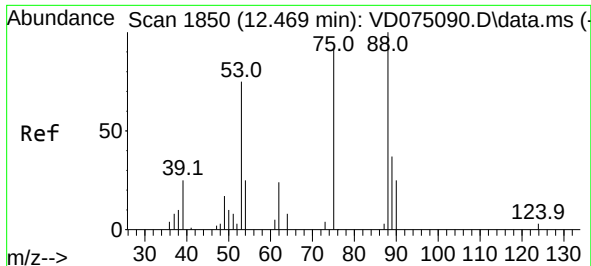
Tgt Ion: 91 Resp: 66597
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 20.719 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 105 Resp: 81452
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.3

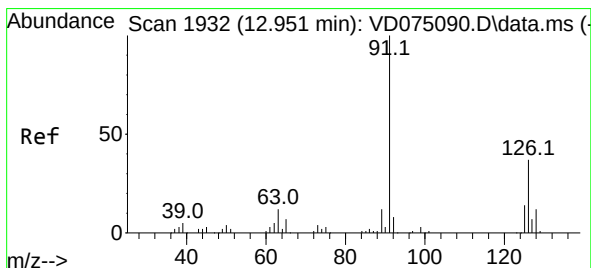
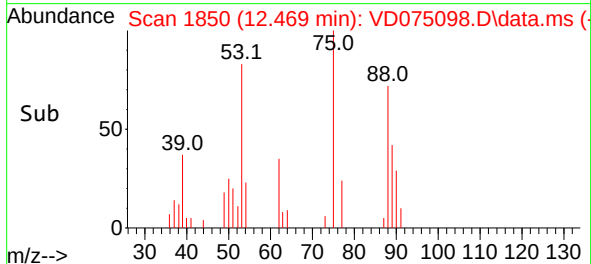
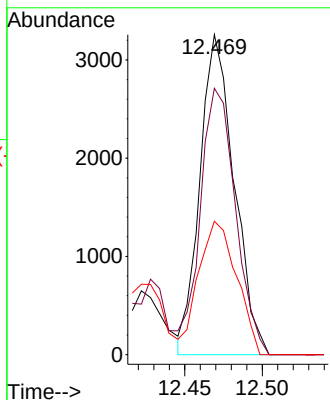
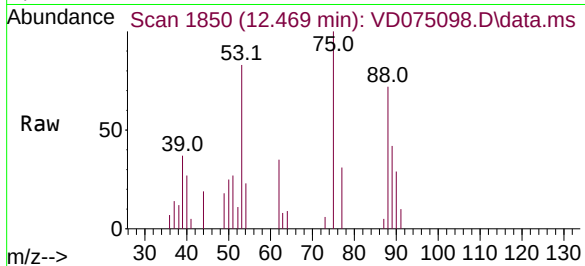




#81
trans-1,4-Dichloro-2-butene
Concen: 21.473 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

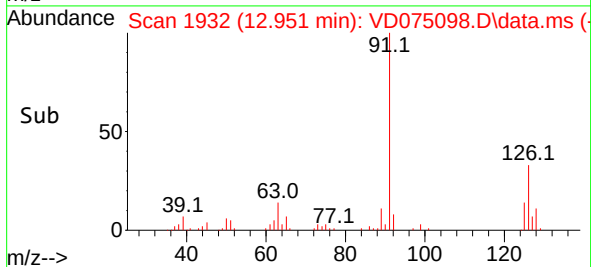
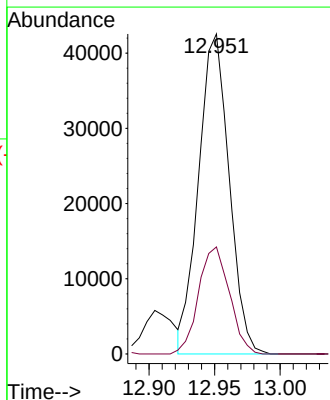
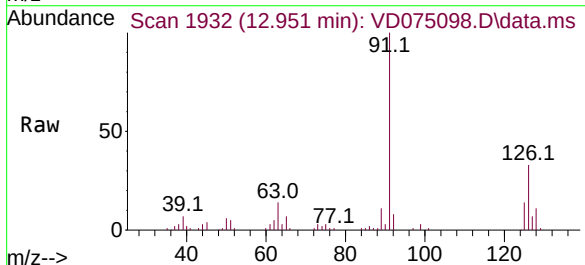
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

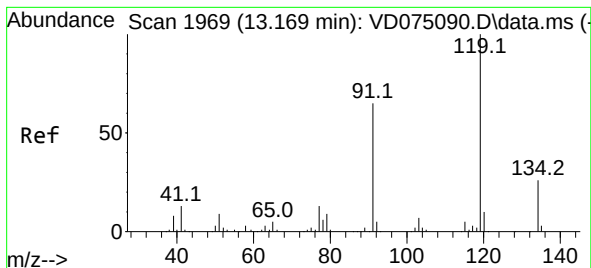
Tgt Ion: 75 Resp: 5000
Ion Ratio Lower Upper
75 100
53 85.3 68.6 103.0
89 46.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 21.099 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion: 91 Resp: 69028
Ion Ratio Lower Upper
91 100
126 33.8 17.6 52.8

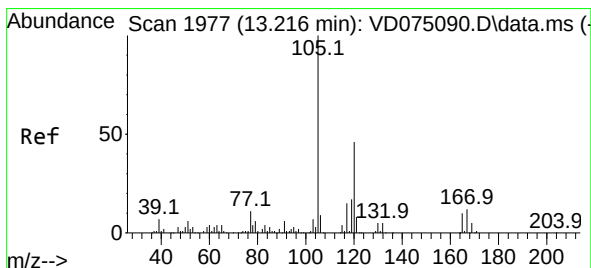
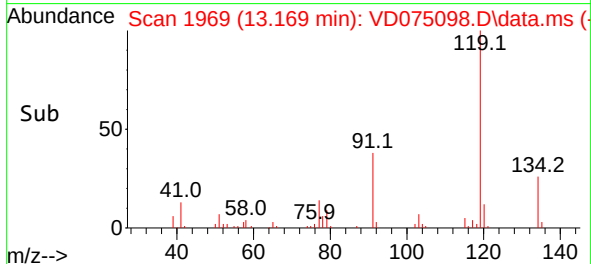
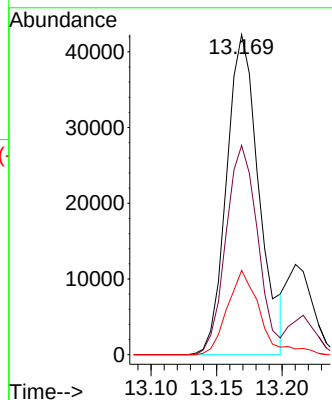
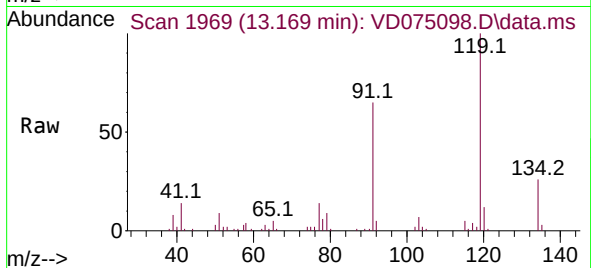




#83
tert-Butylbenzene
Concen: 20.965 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

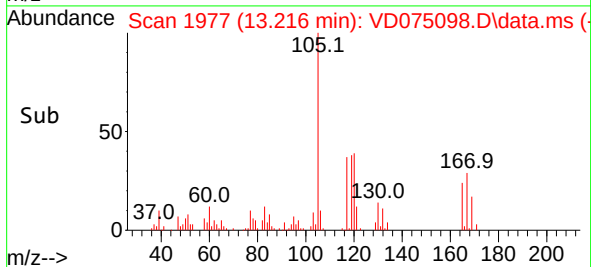
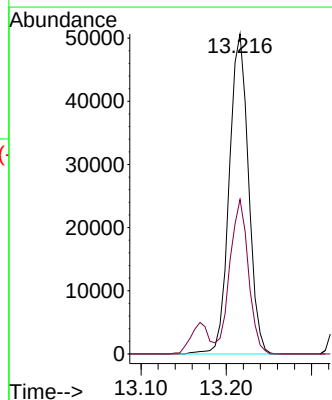
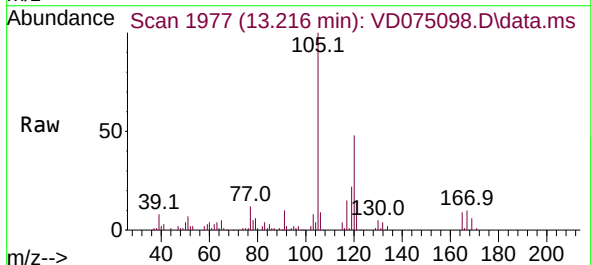
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

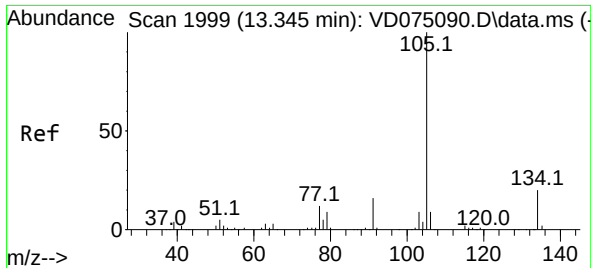
Tgt Ion:119 Resp: 72740
Ion Ratio Lower Upper
119 100
91 64.3 32.6 97.8
134 26.6 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 20.854 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075098.D
Acq: 10 Jan 2023 11:15

Tgt Ion:105 Resp: 79231
Ion Ratio Lower Upper
105 100
120 46.6 22.8 68.4

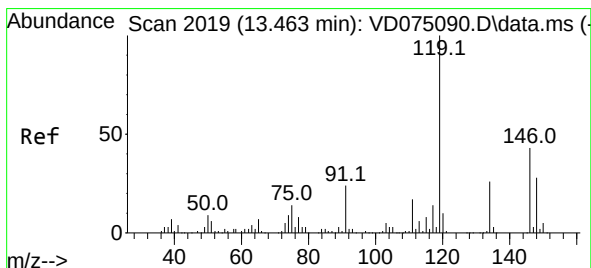
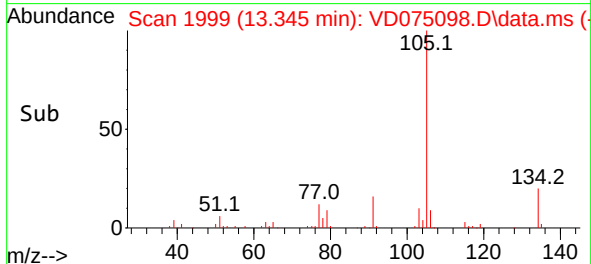
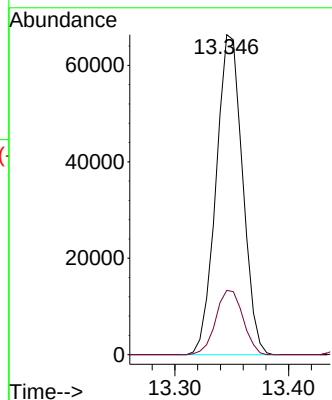
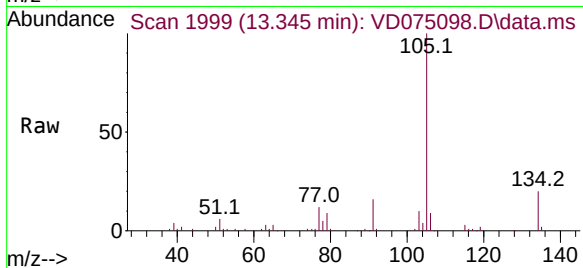




#85
 sec-Butylbenzene
 Concen: 20.450 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

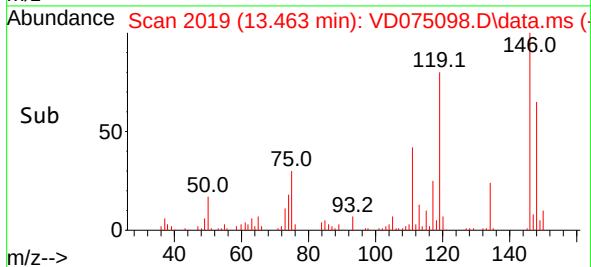
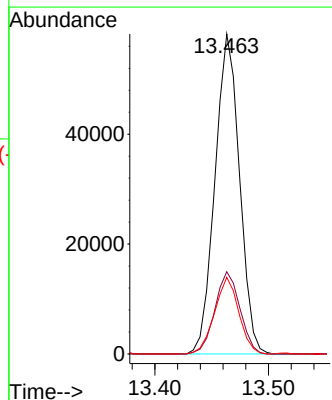
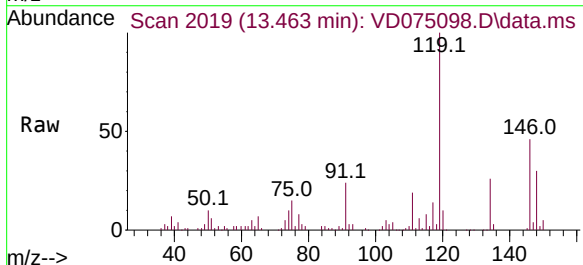
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

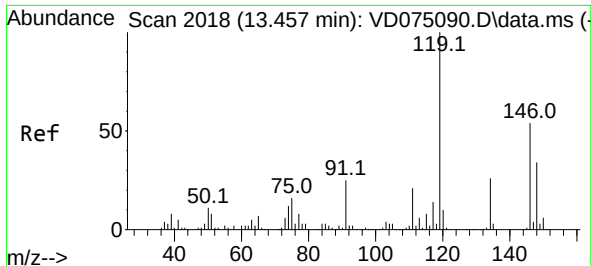
Tgt Ion:105 Resp: 107507
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.582 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075098.D
 Acq: 10 Jan 2023 11:15

Tgt Ion:119 Resp: 87403
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.004 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

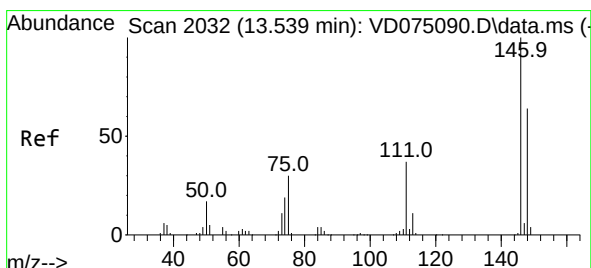
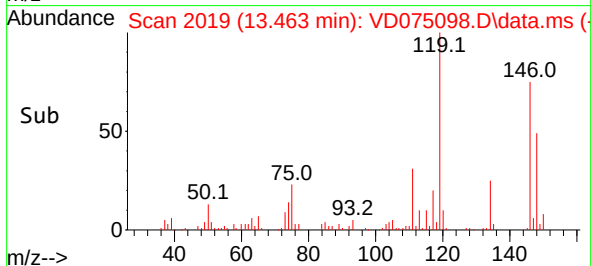
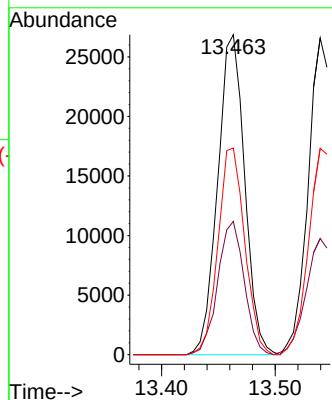
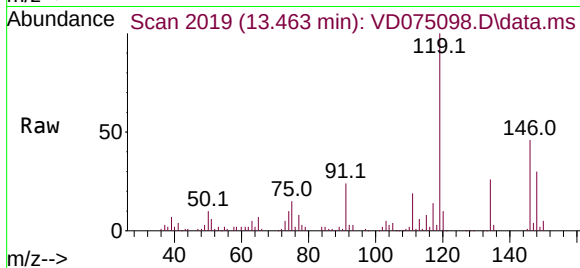
Tgt Ion:146 Resp: 44365

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.1

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.288 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

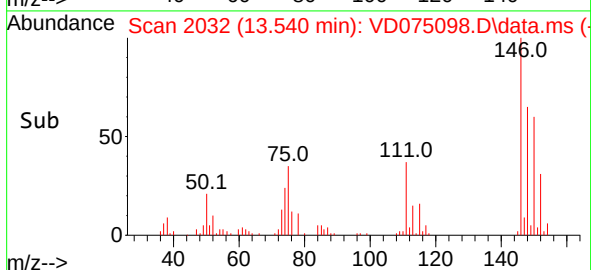
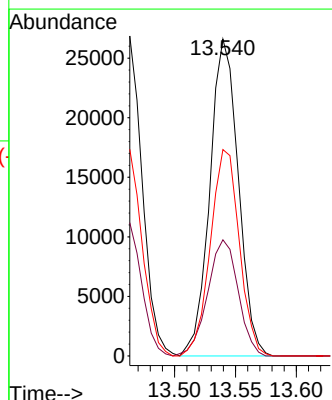
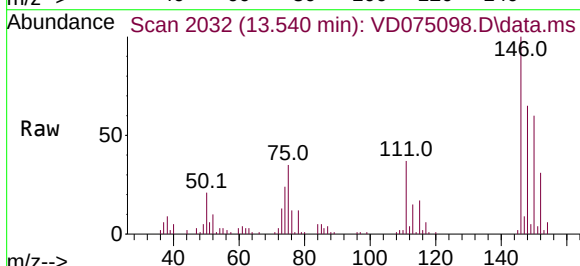
Tgt Ion:146 Resp: 43332

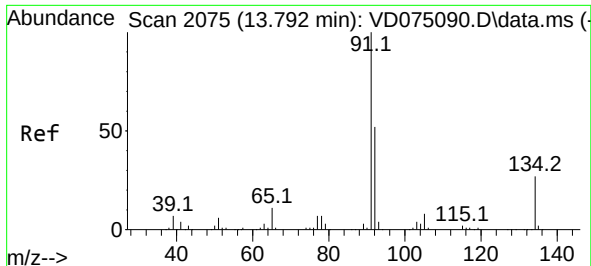
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

148 66.2 31.4 94.0





#89

n-Butylbenzene

Concen: 20.451 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

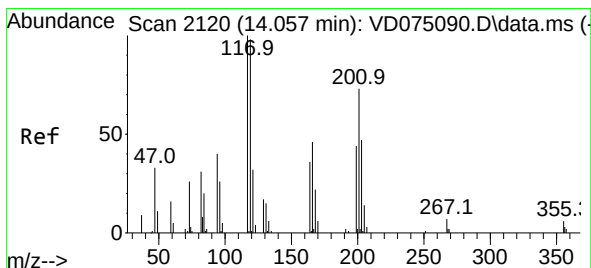
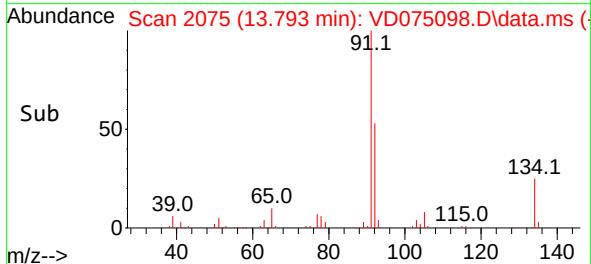
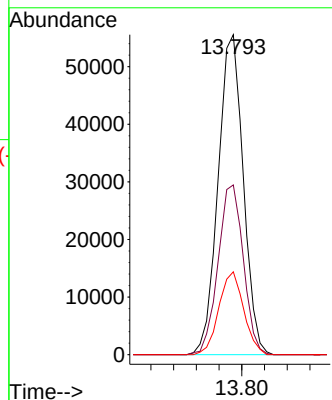
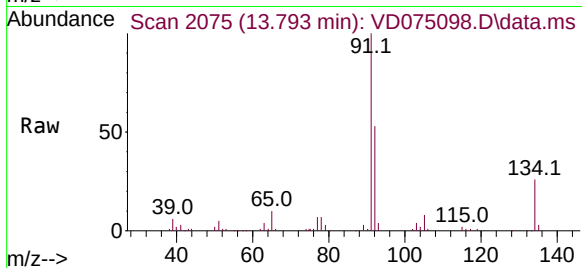
Tgt Ion: 91 Resp: 85412

Ion Ratio Lower Upper

91 100

92 53.4 26.2 78.5

134 25.6 13.2 39.6



#90

Hexachloroethane

Concen: 20.212 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075098.D

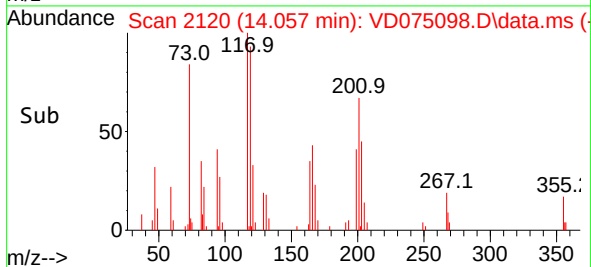
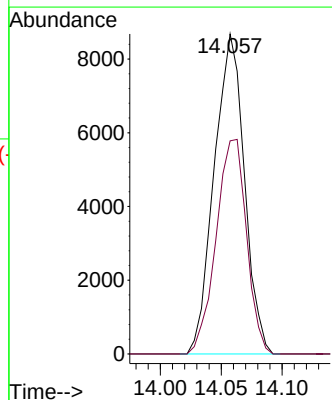
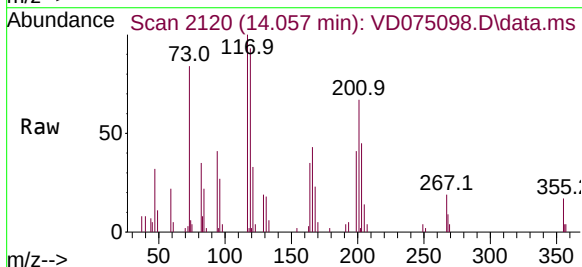
Acq: 10 Jan 2023 11:15

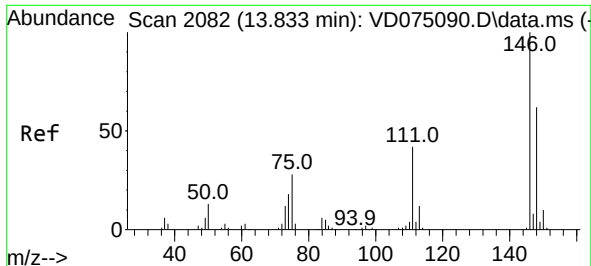
Tgt Ion: 117 Resp: 14961

Ion Ratio Lower Upper

117 100

201 67.7 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 20.950 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

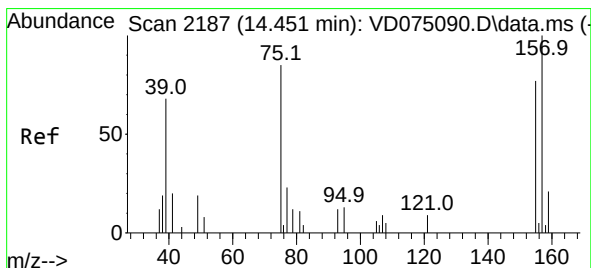
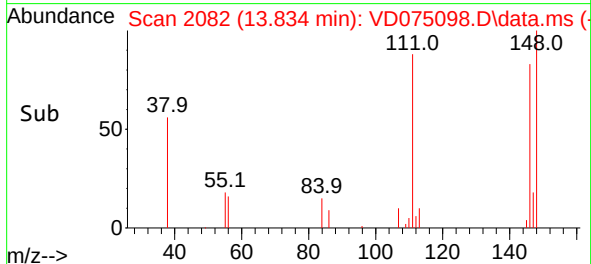
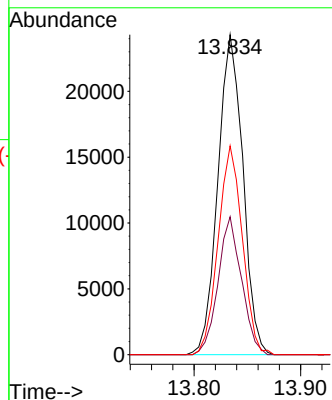
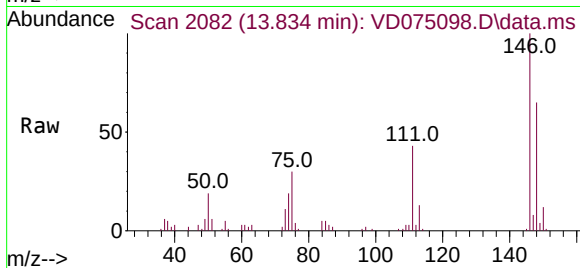
Tgt Ion:146 Resp: 39605

Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.5

148 63.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.111 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

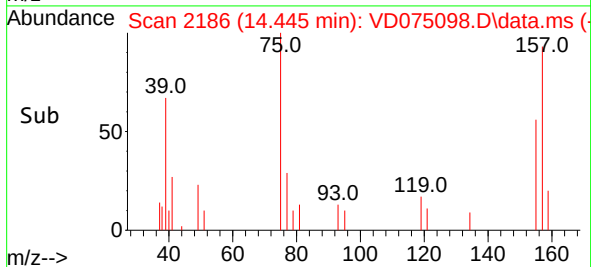
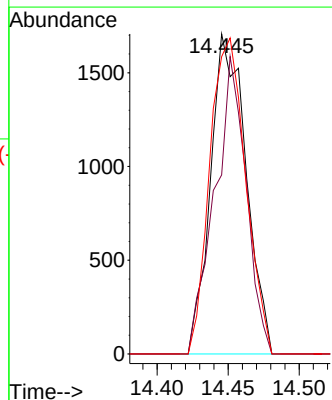
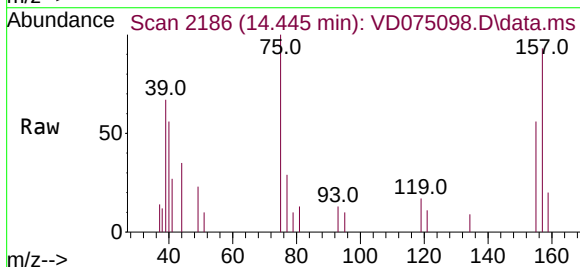
Tgt Ion: 75 Resp: 2953

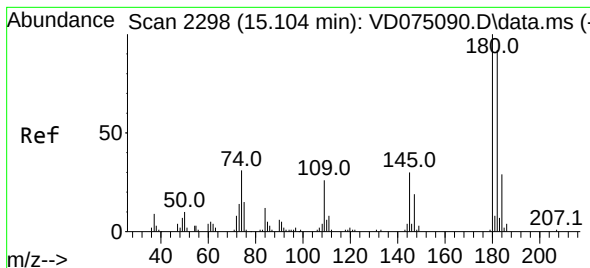
Ion Ratio Lower Upper

75 100

155 82.6 45.4 136.2

157 100.3 60.1 180.2





#93

1,2,4-Trichlorobenzene

Concen: 19.432 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

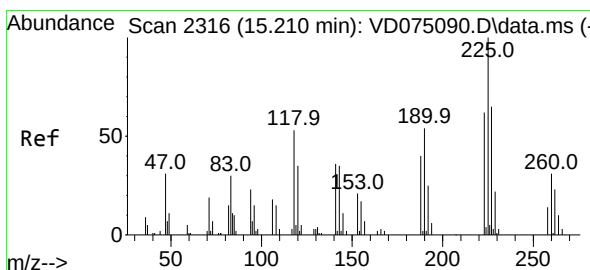
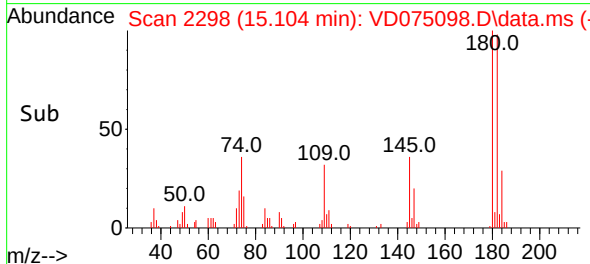
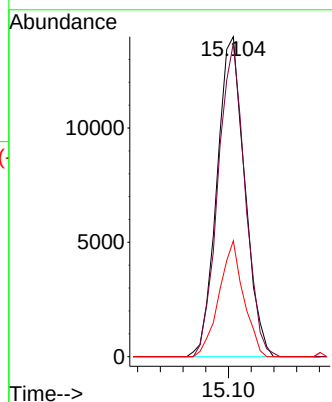
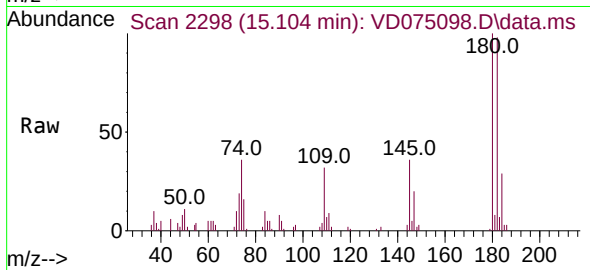
Tgt Ion:180 Resp: 23754

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 31.9 15.7 47.0



#94

Hexachlorobutadiene

Concen: 18.493 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

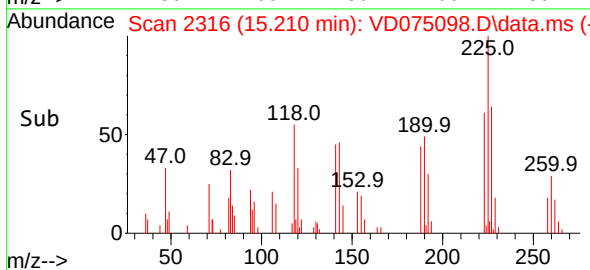
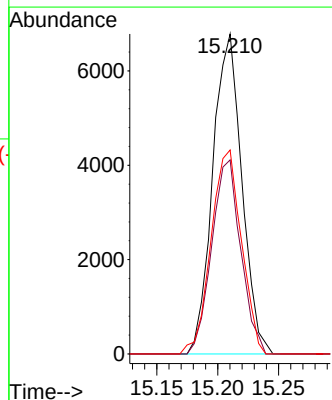
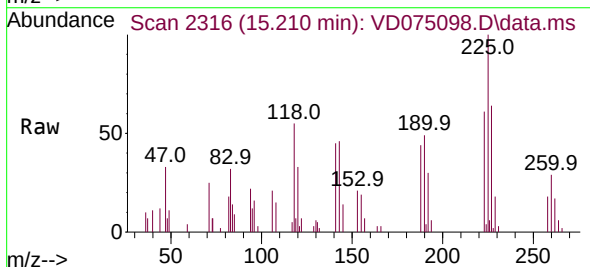
Tgt Ion:225 Resp: 11269

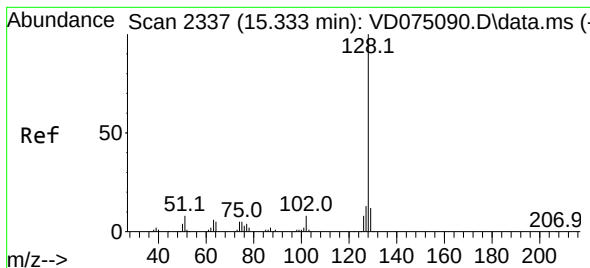
Ion Ratio Lower Upper

225 100

223 60.6 31.1 93.5

227 66.5 31.1 93.3





#95

Naphthalene

Concen: 20.939 ug/l

RT: 15.340 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

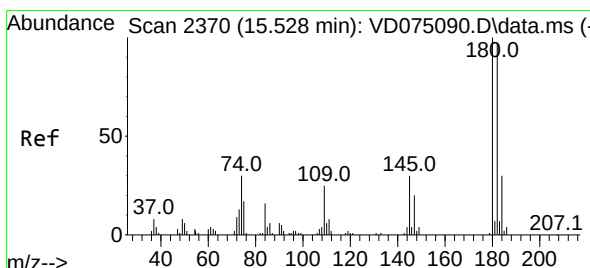
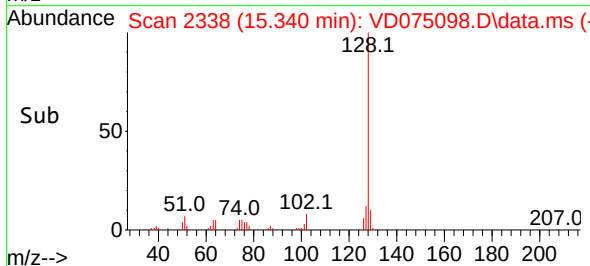
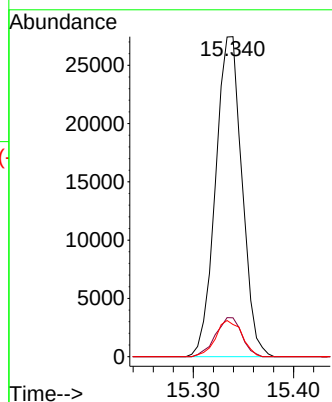
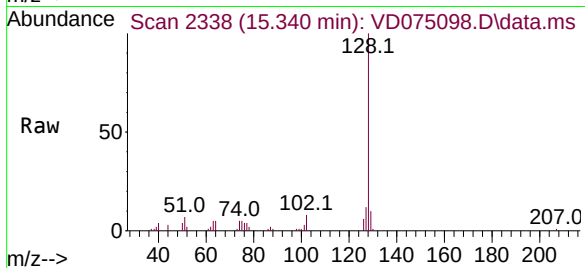
Tgt Ion:128 Resp: 50261

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.456 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD075098.D

Acq: 10 Jan 2023 11:15

Tgt Ion:180 Resp: 20544

Ion Ratio Lower Upper

180 100

182 96.2 47.4 142.3

145 33.7 16.0 48.0

