

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075617.D
 Acq On : 10 Apr 2023 20:20
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

Quant Time: Apr 12 09:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 09:55:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	218028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	377933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	181671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	92802	51.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.805	113	113923	51.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.269	98	437001	50.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.575	95	133026	52.048	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	71756	46.585	ug/l	96
3) Chloromethane	2.146	50	128699	48.048	ug/l	100
4) Vinyl Chloride	2.281	62	180219	48.059	ug/l	100
5) Bromomethane	2.693	94	145103	48.593	ug/l	98
6) Chloroethane	2.834	64	127749	48.565	ug/l	100
7) Trichlorofluoromethane	3.181	101	155103	48.487	ug/l	97
8) Diethyl Ether	3.593	74	54072	54.728	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.970	101	104035	49.409	ug/l	95
10) Methyl Iodide	4.164	142	134859	53.566	ug/l	90
11) Tert butyl alcohol	5.058	59	22439	265.366	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	102279	50.607	ug/l	88
13) Acrolein	3.799	56	31644	269.122	ug/l	100
14) Allyl chloride	4.558	41	94178	51.633	ug/l #	82
15) Acrylonitrile	5.258	53	105621	278.968	ug/l	96
16) Acetone	4.022	43	94176	288.971	ug/l #	82
17) Carbon Disulfide	4.269	76	254957	48.740	ug/l	95
18) Methyl Acetate	4.569	43	53547	54.441	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	237577	55.620	ug/l	93
20) Methylene Chloride	4.799	84	179329	68.592	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	120671	50.583	ug/l #	73
22) Diisopropyl ether	6.216	45	245010	54.759	ug/l #	88
23) Vinyl Acetate	6.158	43	610265	290.600	ug/l #	85
24) 1,1-Dichloroethane	6.116	63	184217	49.857	ug/l	96
25) 2-Butanone	7.081	43	117439	277.669	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	163657	48.283	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	143924	51.239	ug/l	81
28) Bromochloromethane	7.428	49	66674	52.813	ug/l #	49
29) Tetrahydrofuran	7.446	42	63754	284.650	ug/l #	51
30) Chloroform	7.599	83	216870	51.594	ug/l	100
31) Cyclohexane	7.881	56	121288	46.610	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	175073	50.048	ug/l	96
36) 1,1-Dichloropropene	8.010	75	148053	52.339	ug/l	94
37) Ethyl Acetate	7.169	43	46857	55.096	ug/l #	72
38) Carbon Tetrachloride	7.993	117	142382	52.487	ug/l	98
39) Methylcyclohexane	9.275	83	170902	50.738	ug/l	90
40) Benzene	8.252	78	477161	52.350	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25257	54.229	ug/l #	62
42) 1,2-Dichloroethane	8.328	62	115812	54.685	ug/l	91
43) Isopropyl Acetate	8.363	43	94644	58.296	ug/l #	80
44) Trichloroethene	9.028	130	131983	49.435	ug/l	93
45) 1,2-Dichloropropane	9.305	63	110665	52.046	ug/l	95
46) Dibromomethane	9.393	93	71961	54.508	ug/l	95
47) Bromodichloromethane	9.587	83	168737	52.852	ug/l	96
48) Methyl methacrylate	9.381	41	40497	55.042	ug/l #	57
49) 1,4-Dioxane	9.387	88	13131	1097.222	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	246914	282.522	ug/l #	76
52) Toluene	10.334	92	317475	51.571	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	156694	54.147	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	186099	52.890	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	104300	53.573	ug/l	94
56) Ethyl methacrylate	10.599	69	105293	56.111	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	156353	53.337	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	253251	279.134	ug/l #	85
59) 2-Hexanone	10.922	43	180050	292.432	ug/l	71
60) Dibromochloromethane	11.075	129	122203	52.573	ug/l	97
61) 1,2-Dibromoethane	11.181	107	97644	52.476	ug/l	98
64) Tetrachloroethene	10.810	164	110742	51.831	ug/l	96
65) Chlorobenzene	11.604	112	351394	50.961	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	127179	52.156	ug/l	97
67) Ethyl Benzene	11.687	91	594730	52.276	ug/l	96
68) m/p-Xylenes	11.793	106	497716	106.216	ug/l	90
69) o-Xylene	12.122	106	231360	54.845	ug/l	92
70) Styrene	12.134	104	409239	56.568	ug/l	93
71) Bromoform	12.298	173	72722	57.700	ug/l #	100
73) Isopropylbenzene	12.422	105	584943	51.886	ug/l	98
74) N-amyl acetate	12.234	43	87277	55.199	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	111403	52.830	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	57689m	40.575	ug/l	
77) Bromobenzene	12.704	156	145206	51.029	ug/l	89
78) n-propylbenzene	12.763	91	703845	51.926	ug/l	97
79) 2-Chlorotoluene	12.851	91	386848	51.602	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	483294	52.345	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32284	52.041	ug/l #	73
82) 4-Chlorotoluene	12.946	91	409205	52.619	ug/l	93
83) tert-Butylbenzene	13.169	119	419668	52.350	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	491072	52.669	ug/l	96
85) sec-Butylbenzene	13.345	105	635403	51.866	ug/l	98
86) p-Isopropyltoluene	13.463	119	533817	51.837	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	303125	51.013	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	294610	50.132	ug/l	97
89) n-Butylbenzene	13.787	91	485222	51.823	ug/l	98
90) Hexachloroethane	14.051	117	99511	51.084	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	260129	50.787	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14358	54.432	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	147520	54.303	ug/l	98
94) Hexachlorobutadiene	15.204	225	65904	51.215	ug/l	97
95) Naphthalene	15.334	128	297796	57.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	130829	54.355	ug/l	99

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Response via : Initial Calibration

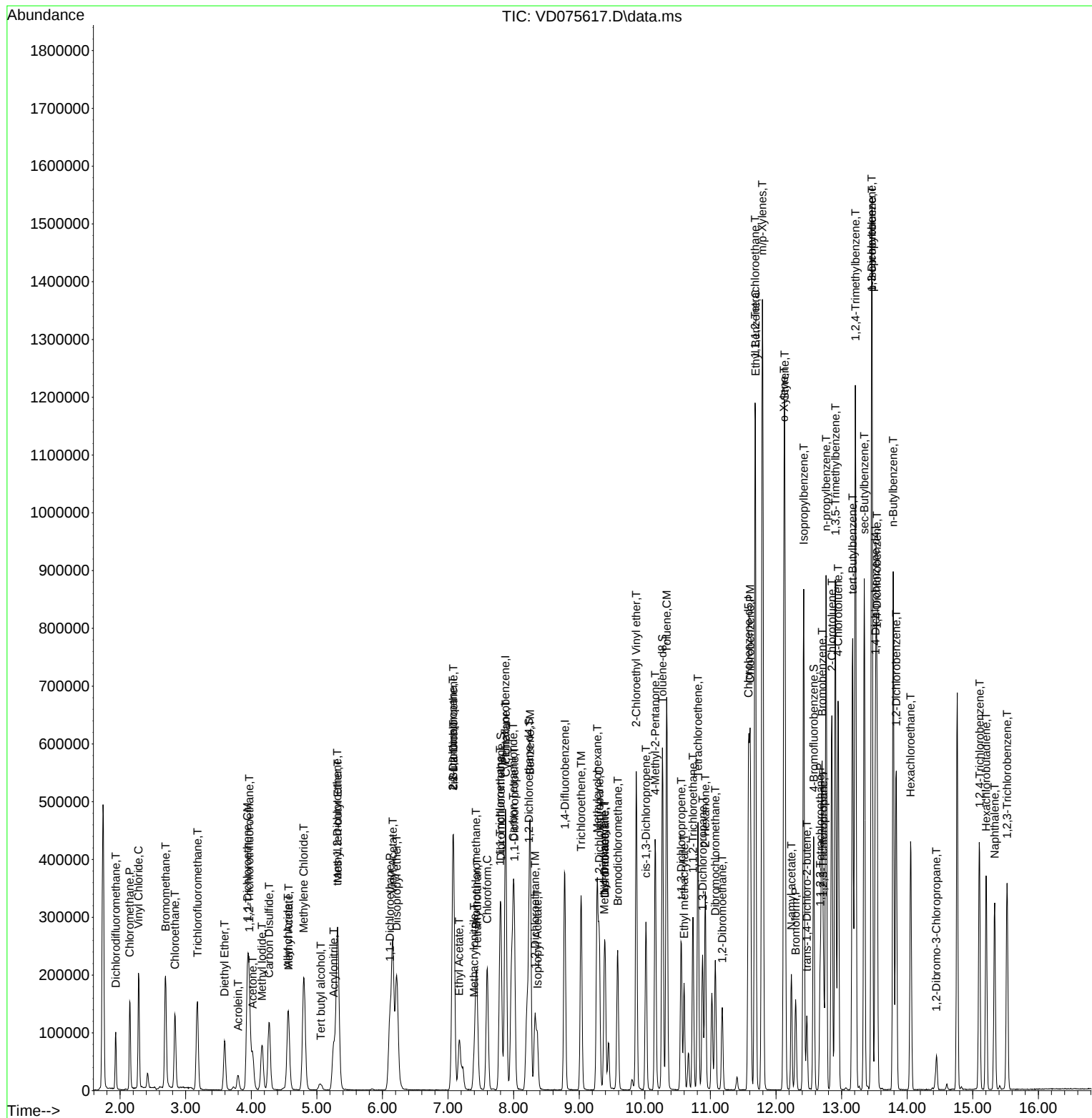
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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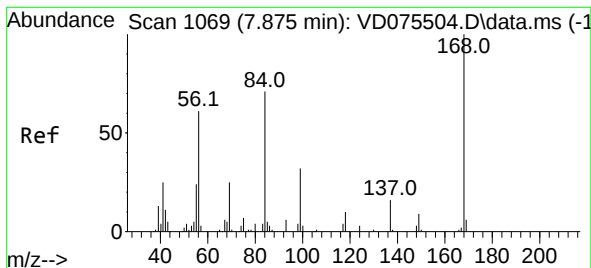
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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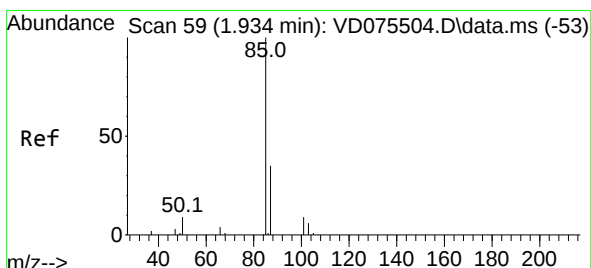
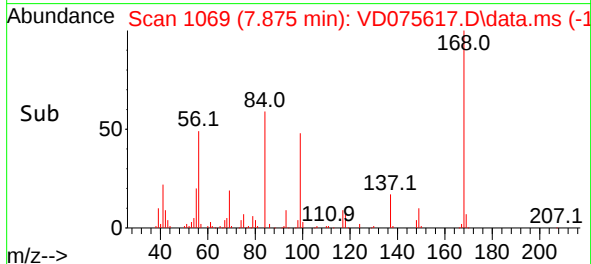
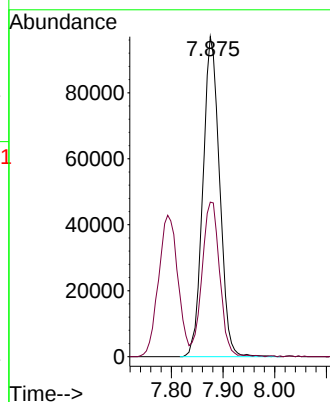
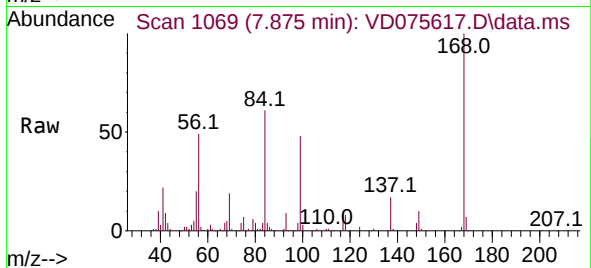




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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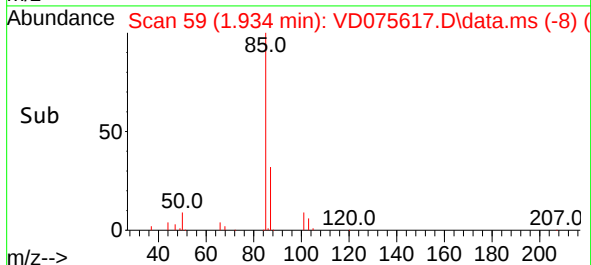
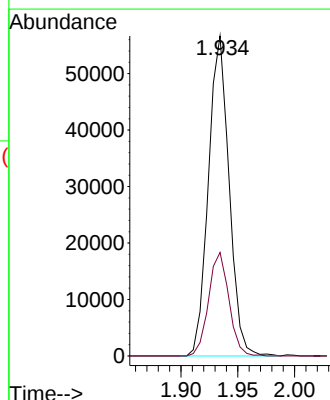
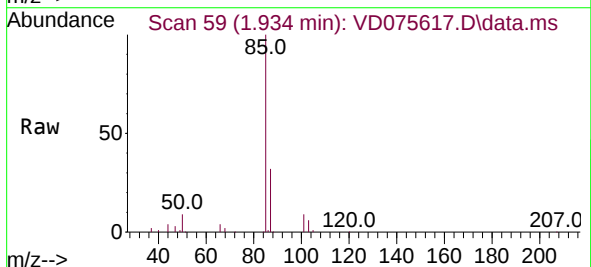
Instrument :
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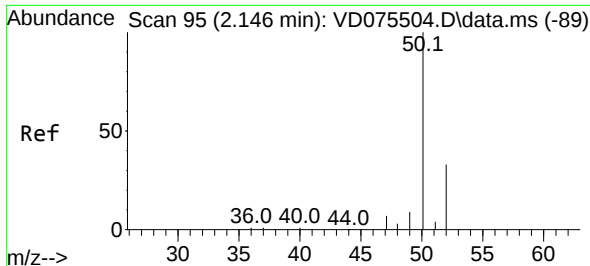
Tgt Ion:168 Resp: 218028
Ion Ratio Lower Upper
168 100
99 48.0 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 46.585 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 85 Resp: 71756
Ion Ratio Lower Upper
85 100
87 32.4 17.3 51.7

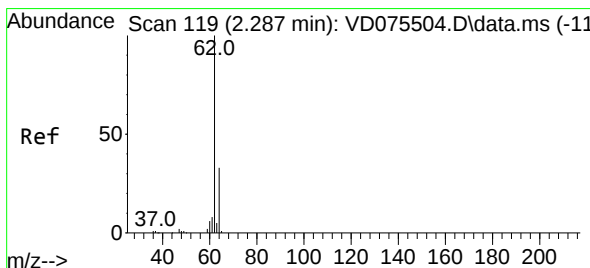
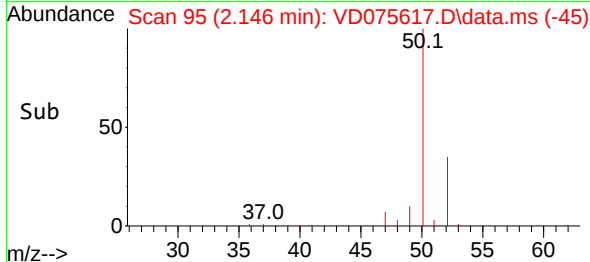
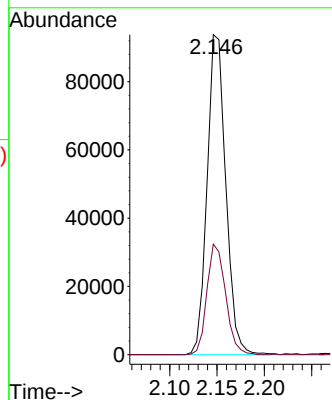
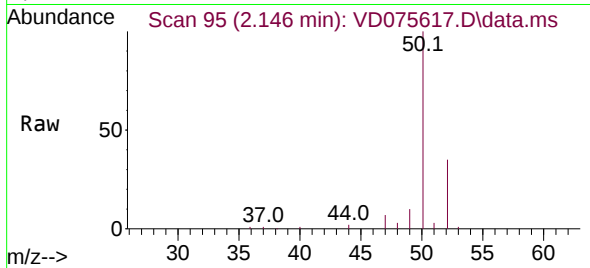




#3
Chloromethane
Concen: 48.048 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

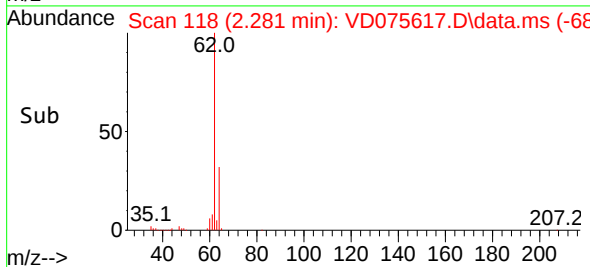
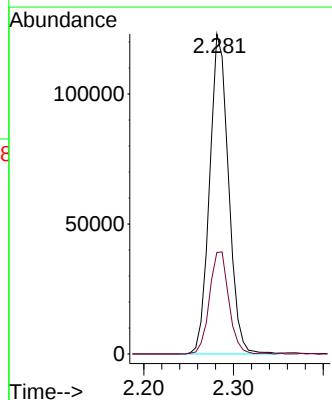
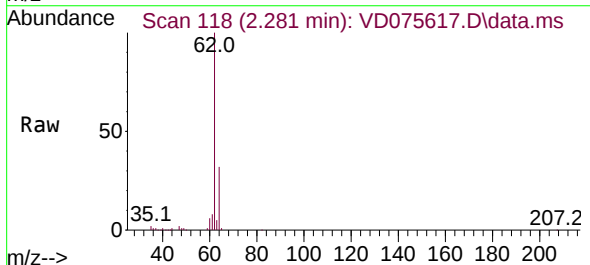
Instrument :
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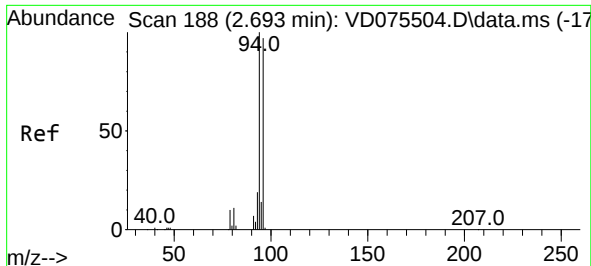
Tgt Ion: 50 Resp: 128699
Ion Ratio Lower Upper
50 100
52 34.6 27.8 41.8



#4
Vinyl Chloride
Concen: 48.059 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 62 Resp: 180219
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

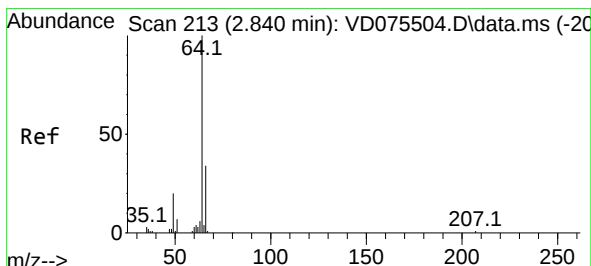
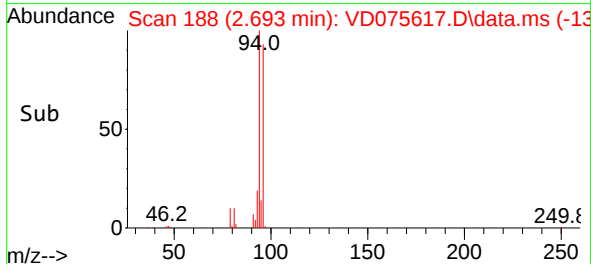
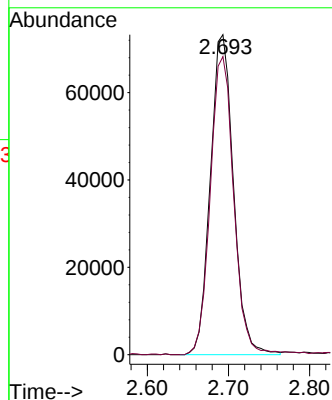
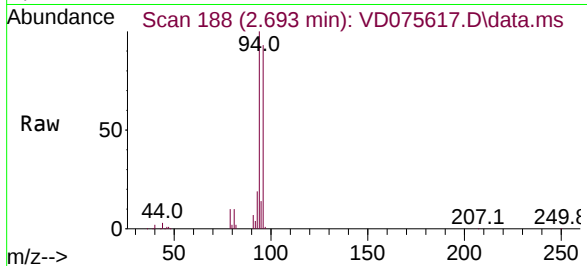




#5
Bromomethane
Concen: 48.593 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

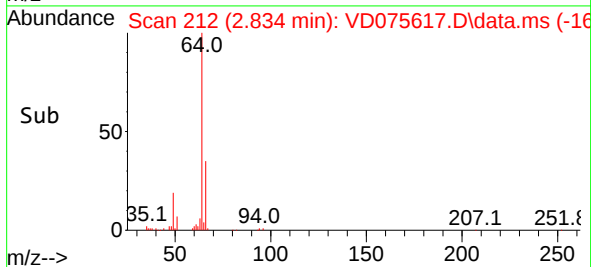
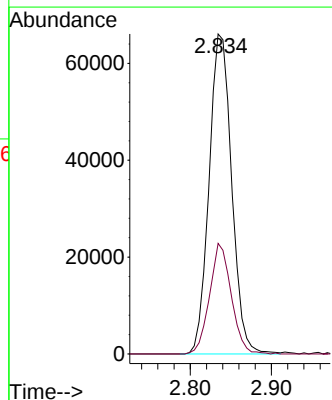
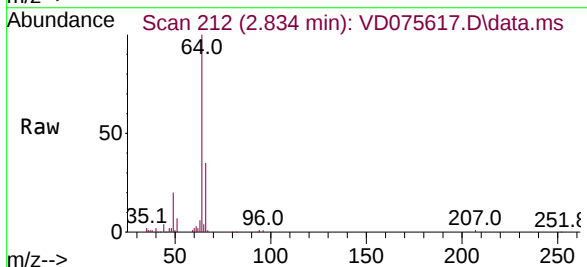
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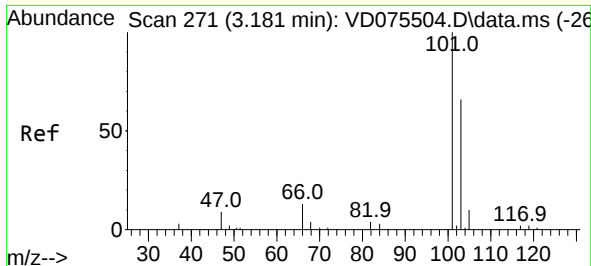
Tgt Ion: 94 Resp: 145103
Ion Ratio Lower Upper
94 100
96 94.9 77.5 116.3



#6
Chloroethane
Concen: 48.565 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 64 Resp: 127749
Ion Ratio Lower Upper
64 100
66 34.5 27.7 41.5

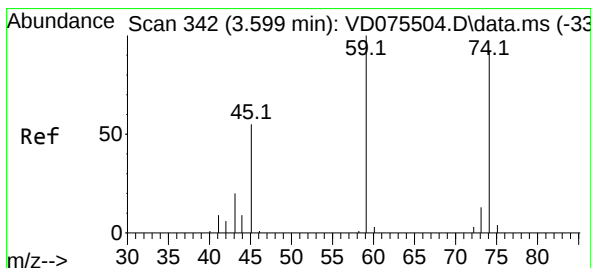
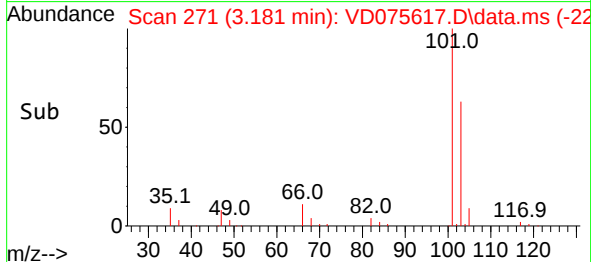
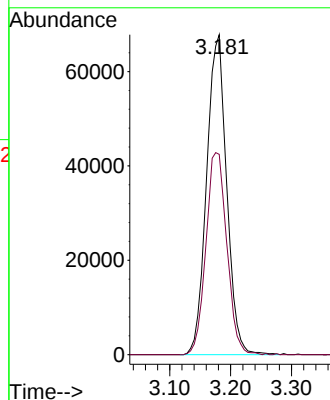
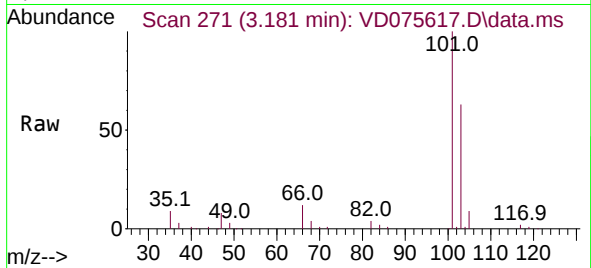




#7
 Trichlorofluoromethane
 Concen: 48.487 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

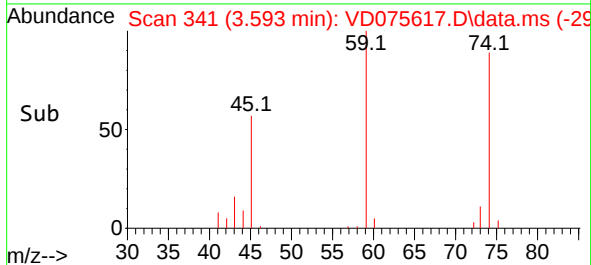
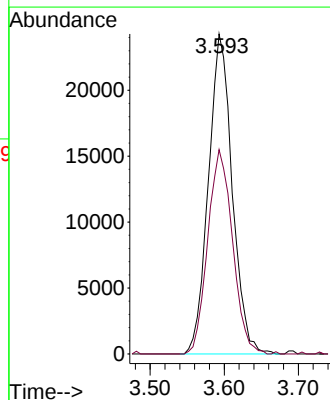
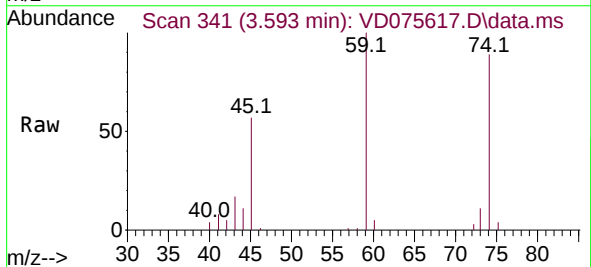
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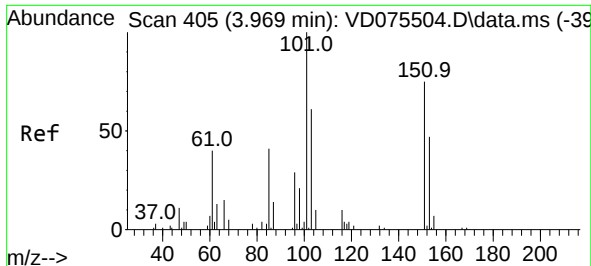
Tgt Ion:101 Resp: 155103
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 54.728 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion: 74 Resp: 54072
 Ion Ratio Lower Upper
 74 100
 45 66.5 50.9 152.7

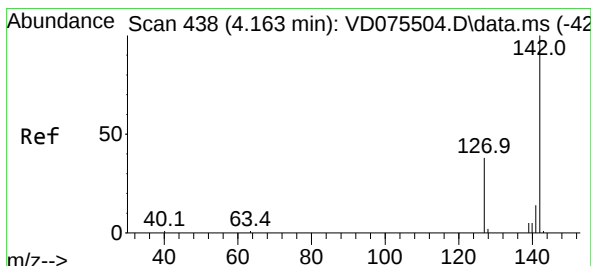
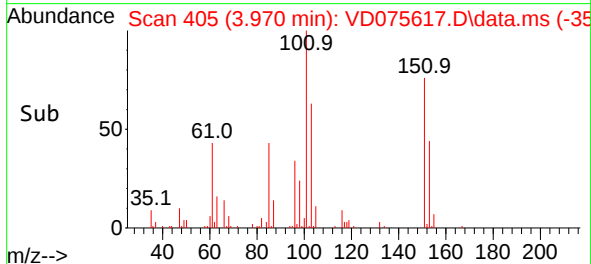
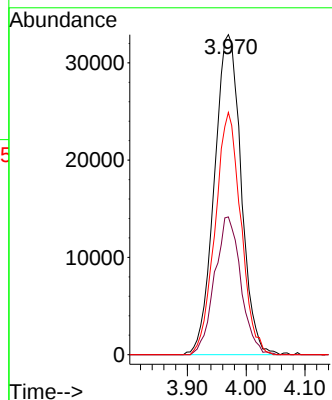
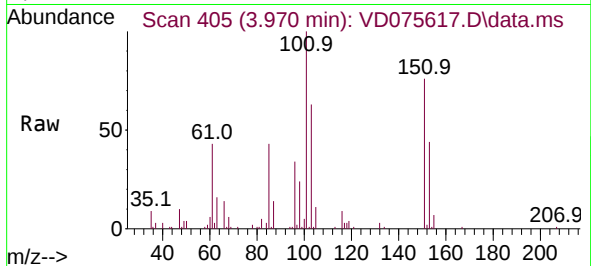




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.409 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

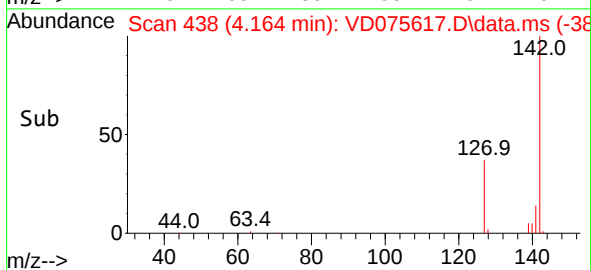
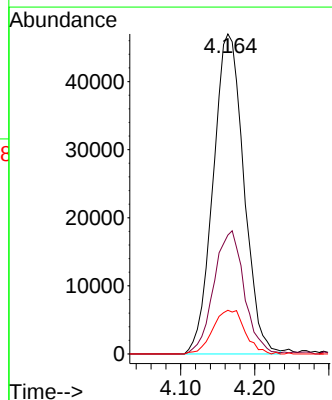
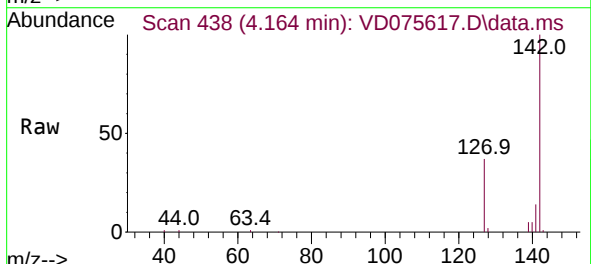
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

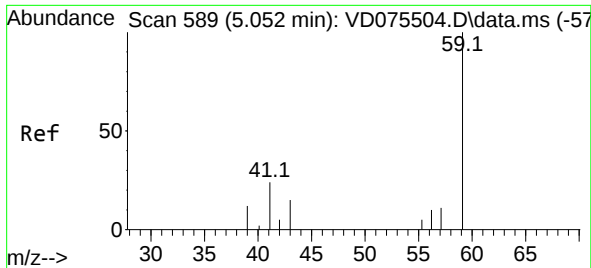
Tgt Ion:101 Resp: 104035
Ion Ratio Lower Upper
101 100
85 42.1 38.3 57.5
151 72.7 60.4 90.6



#10
Methyl Iodide
Concen: 53.566 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:142 Resp: 134859
Ion Ratio Lower Upper
142 100
127 38.3 37.1 55.7
141 14.3 11.3 16.9

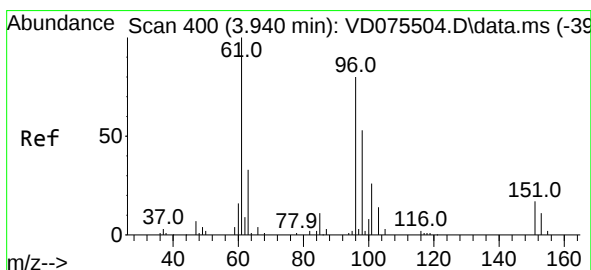
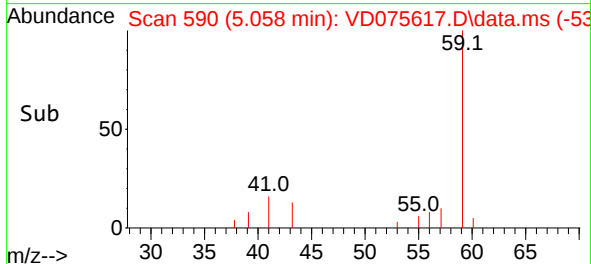
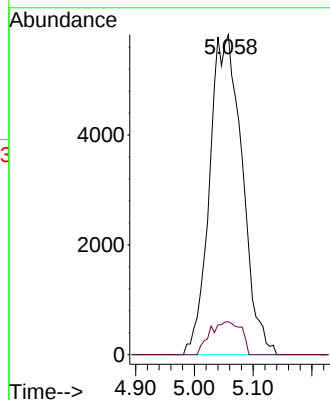
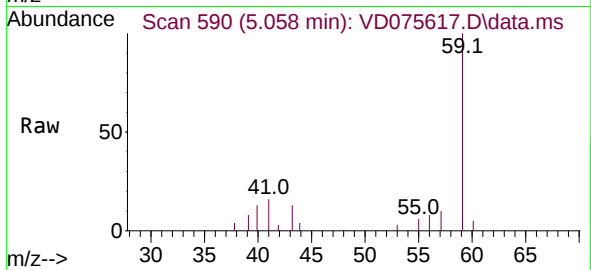




#11
Tert butyl alcohol
Concen: 265.366 ug/l
RT: 5.058 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

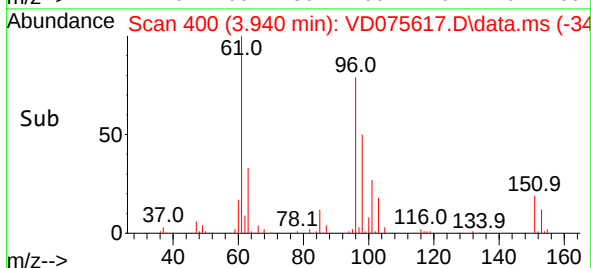
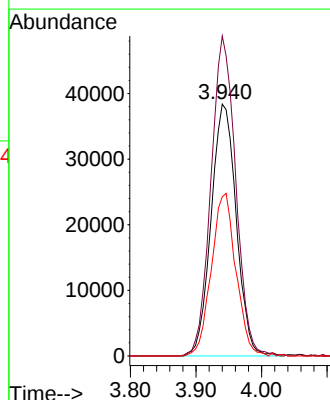
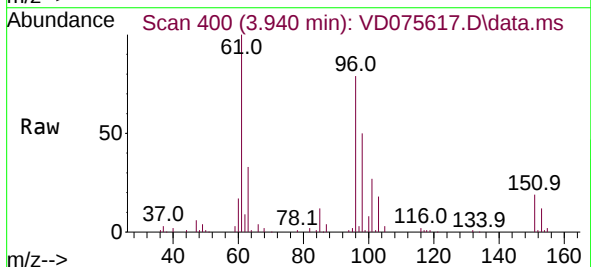
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

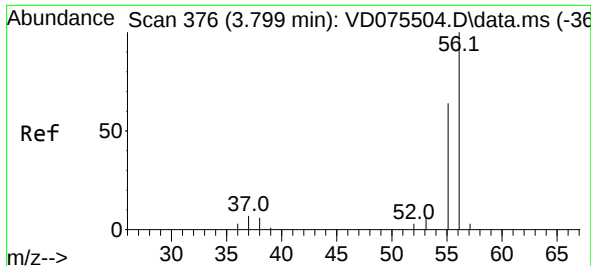
Tgt Ion: 59 Resp: 22439
Ion Ratio Lower Upper
59 100
57 9.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 50.607 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 96 Resp: 102279
Ion Ratio Lower Upper
96 100
61 127.1 118.6 177.8
98 63.2 49.7 74.5





#13

Acrolein

Concen: 269.122 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

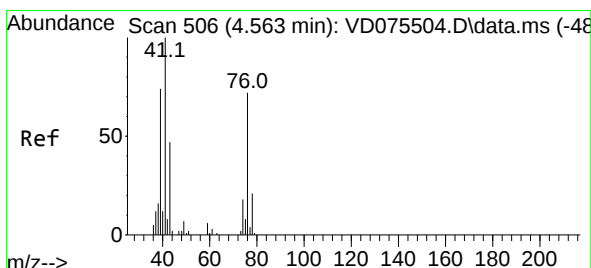
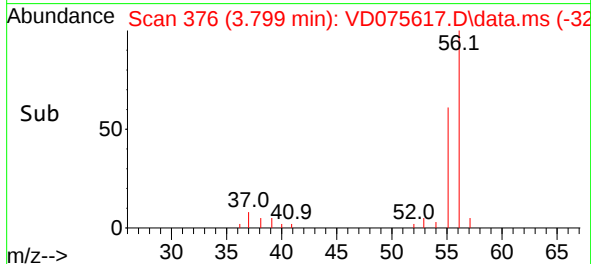
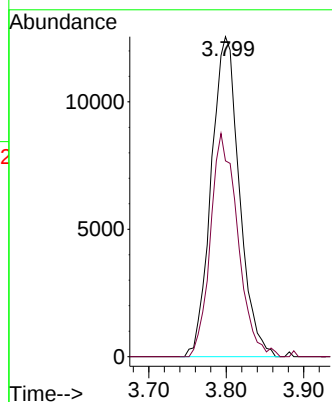
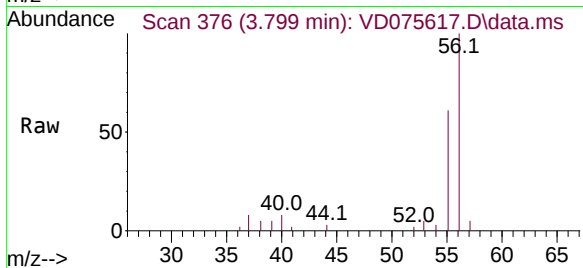
ICVVD041023

Tgt Ion: 56 Resp: 31644

Ion Ratio Lower Upper

56 100

55 67.8 53.9 80.9



#14

Allyl chloride

Concen: 51.633 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

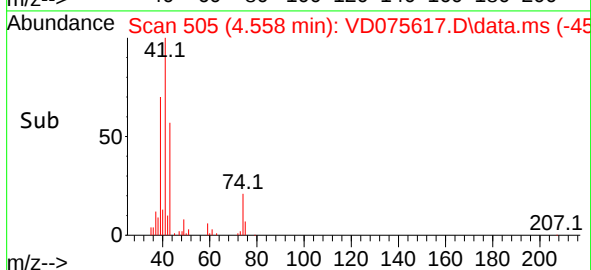
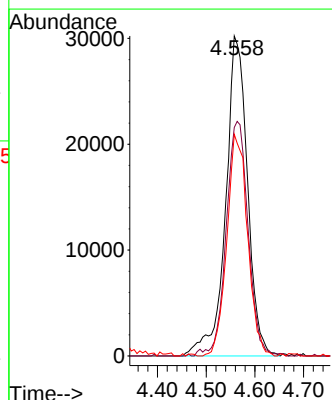
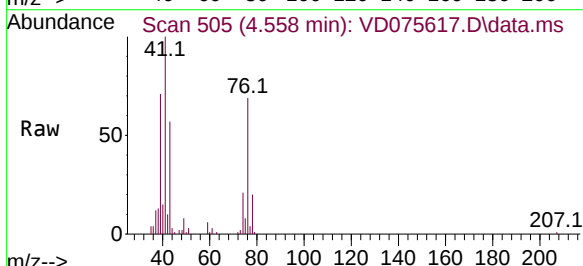
Tgt Ion: 41 Resp: 94178

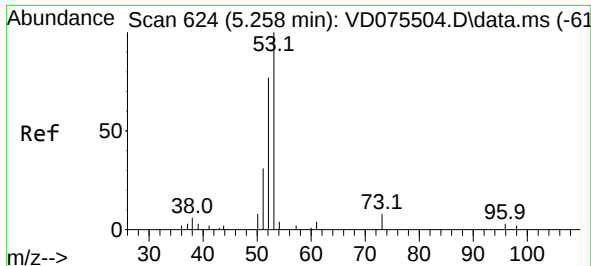
Ion Ratio Lower Upper

41 100

39 73.2 60.6 90.8

76 65.8 28.6 43.0#

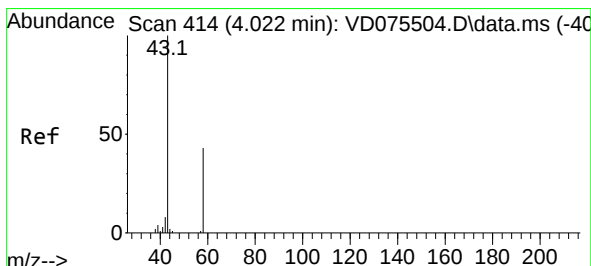
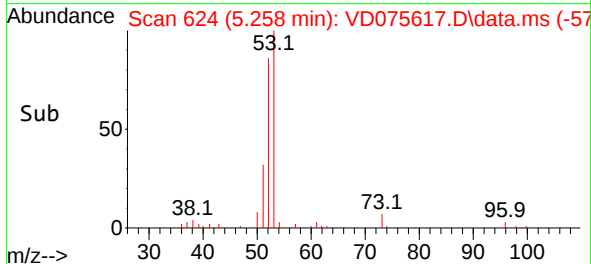
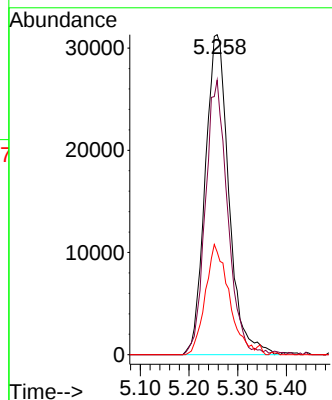
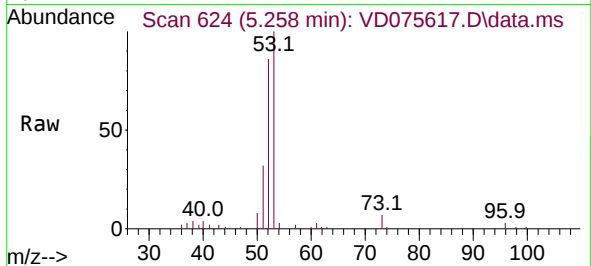




#15
Acrylonitrile
Concen: 278.968 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

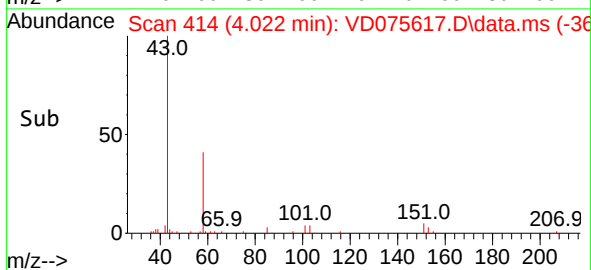
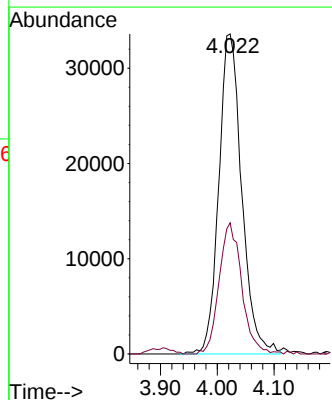
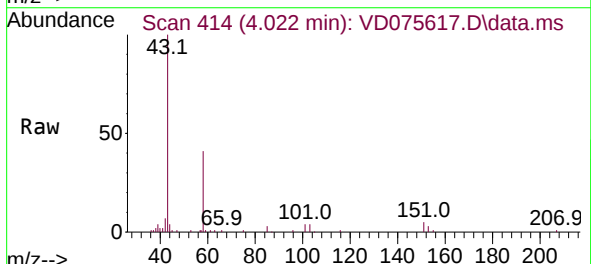
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

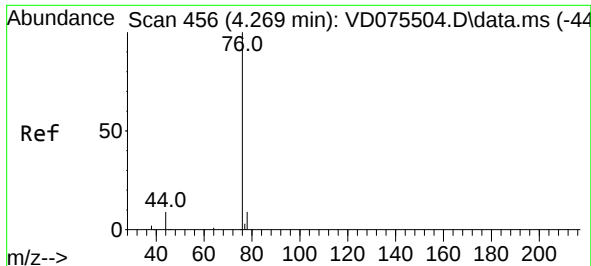
Tgt Ion: 53 Resp: 105621
Ion Ratio Lower Upper
53 100
52 80.6 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 288.971 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 43 Resp: 94176
Ion Ratio Lower Upper
43 100
58 40.4 24.4 36.6#

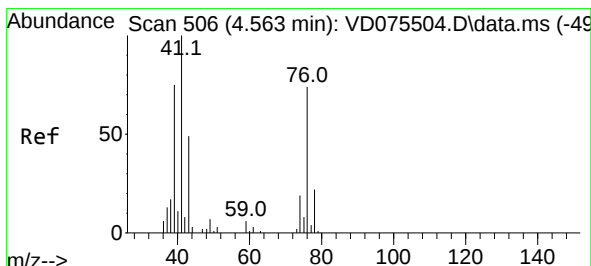
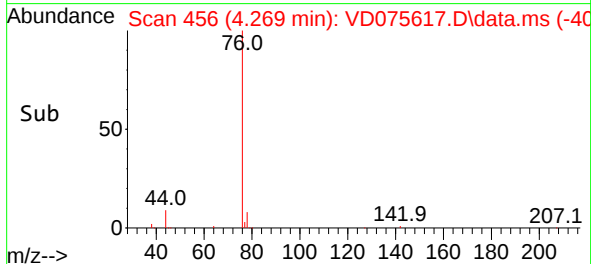
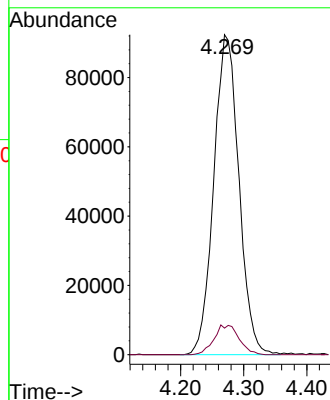
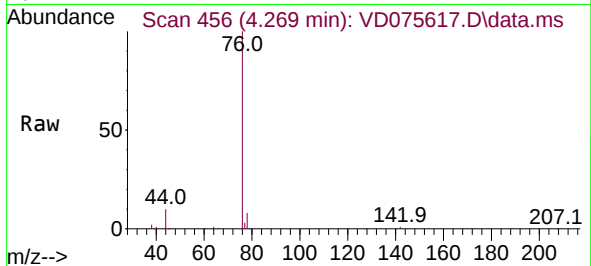




#17
Carbon Disulfide
Concen: 48.740 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

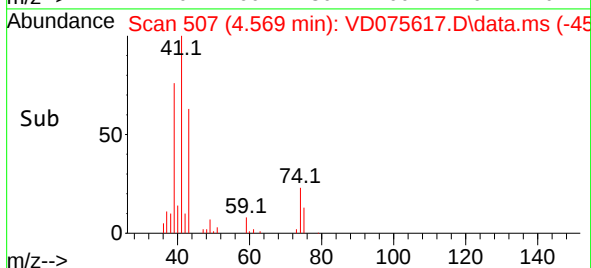
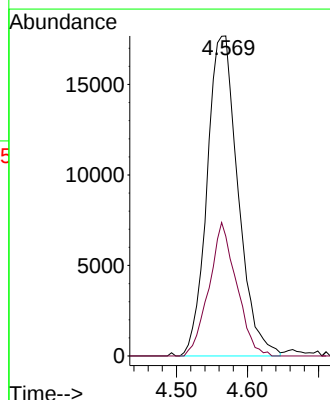
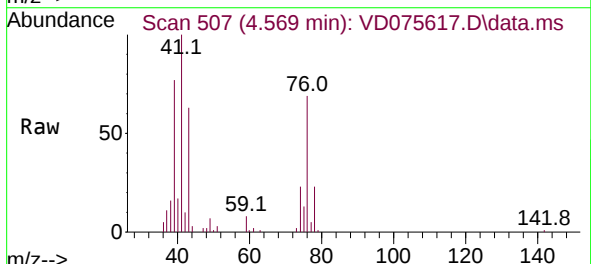
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

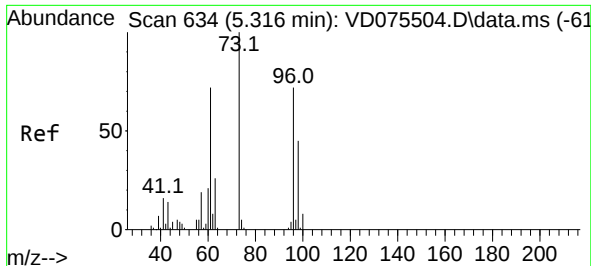
Tgt Ion: 76 Resp: 254957
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



#18
Methyl Acetate
Concen: 54.441 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 43 Resp: 53547
Ion Ratio Lower Upper
43 100
74 37.1 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 55.620 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

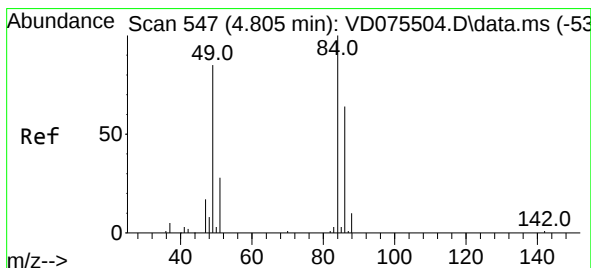
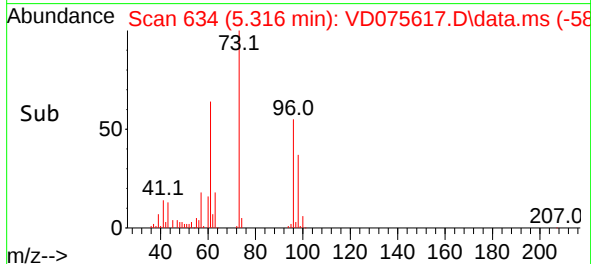
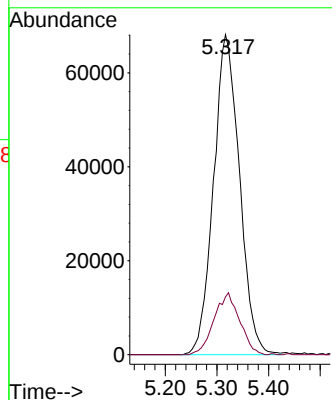
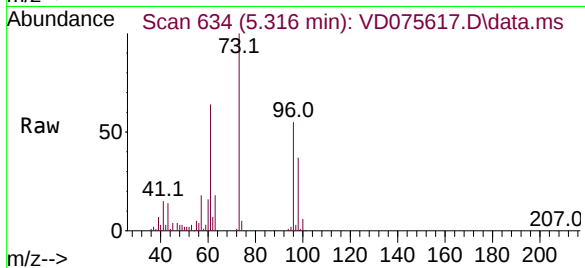
ICVVD041023

Tgt Ion: 73 Resp: 237577

Ion Ratio Lower Upper

73 100

57 18.1 17.2 25.8



#20

Methylene Chloride

Concen: 68.592 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Tgt Ion: 84 Resp: 179329

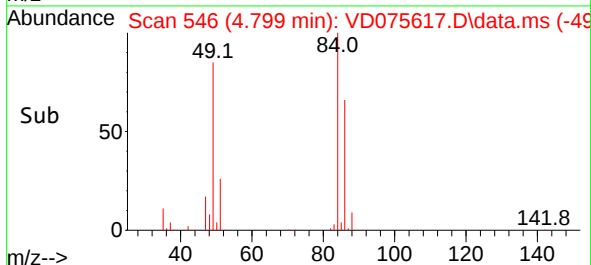
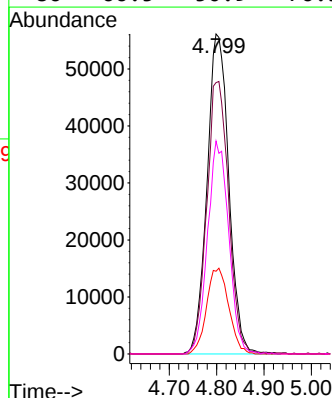
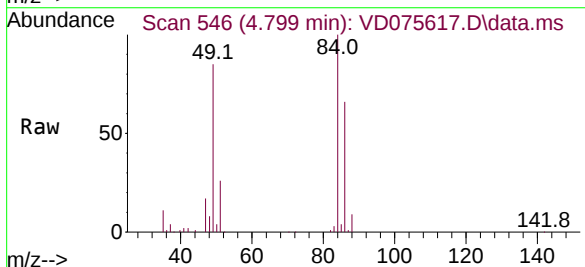
Ion Ratio Lower Upper

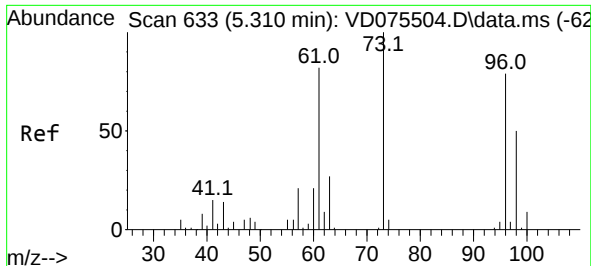
84 100

49 84.8 106.4 159.6#

51 25.8 32.4 48.6#

86 66.5 50.9 76.3

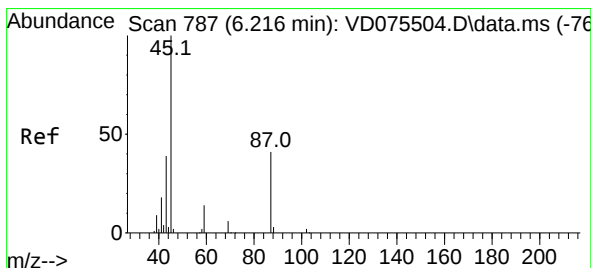
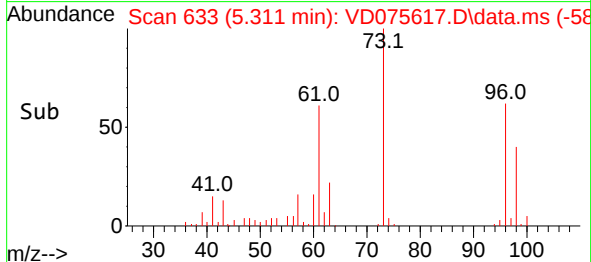
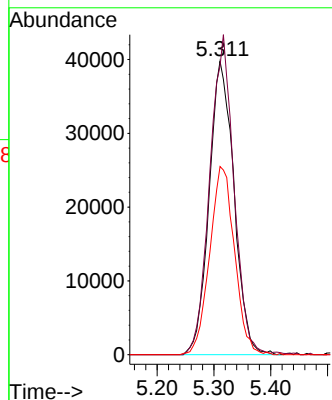
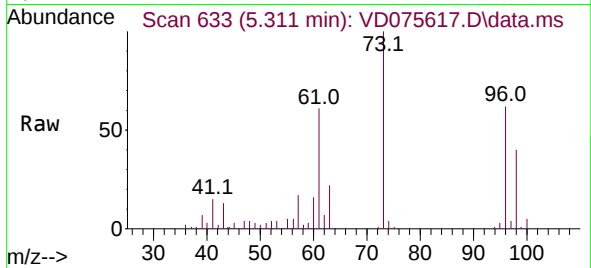




#21
trans-1,2-Dichloroethene
Concen: 50.583 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

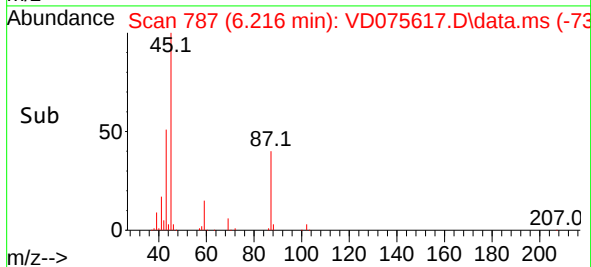
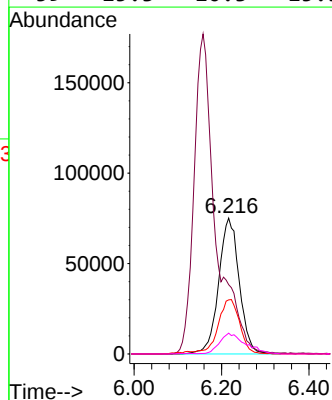
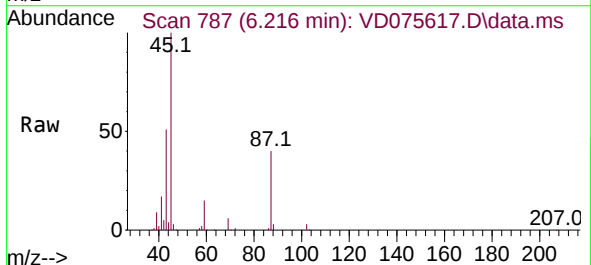
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

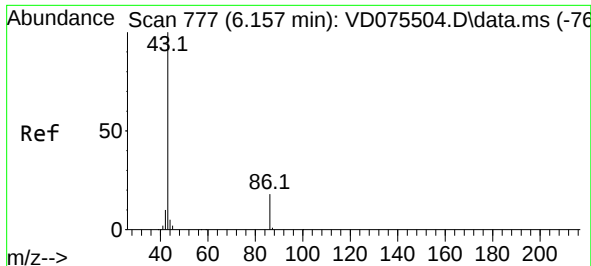
Tgt Ion: 96 Resp: 120671
Ion Ratio Lower Upper
96 100
61 98.4 117.2 175.8#
98 64.1 50.6 76.0



#22
Diisopropyl ether
Concen: 54.759 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 45 Resp: 245010
Ion Ratio Lower Upper
45 100
43 50.3 44.4 66.6
87 39.8 20.9 31.3#
59 15.3 10.3 15.5

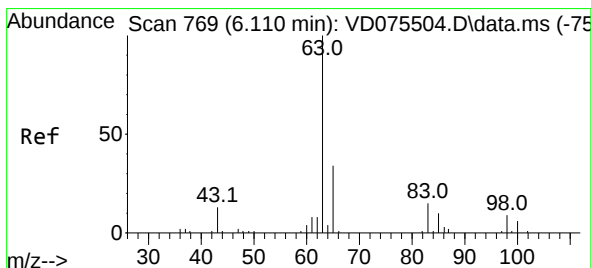
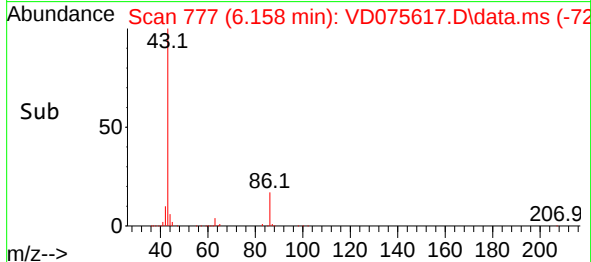
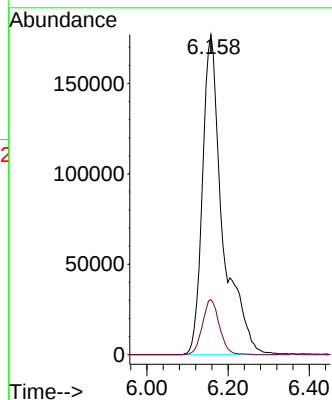
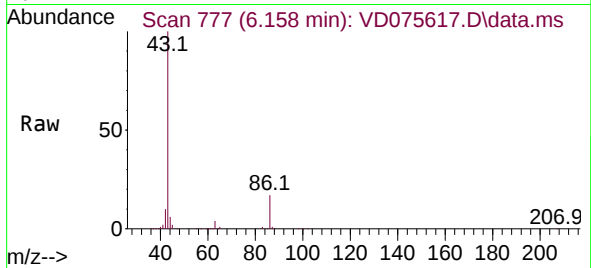




#23
 Vinyl Acetate
 Concen: 290.600 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

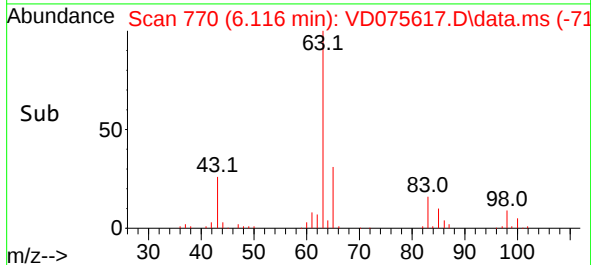
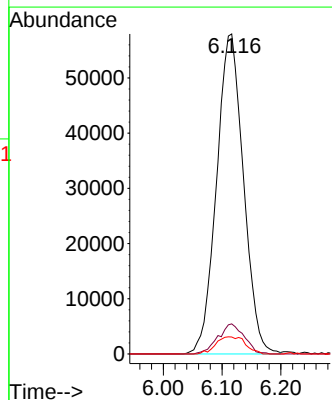
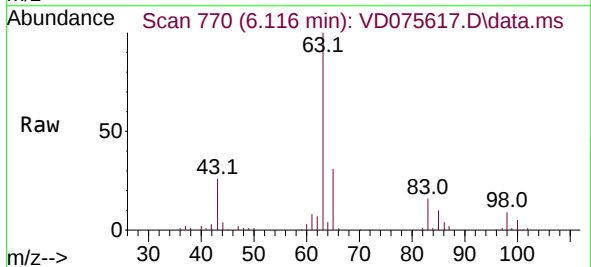
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

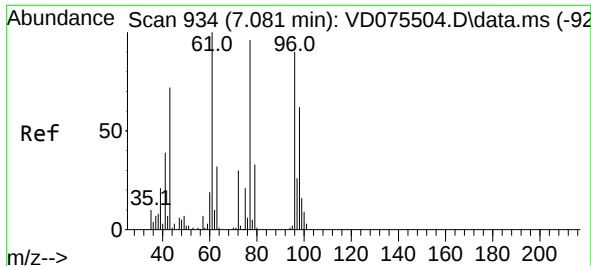
Tgt Ion: 43 Resp: 610265
 Ion Ratio Lower Upper
 43 100
 86 17.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 49.857 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion: 63 Resp: 184217
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.9 11.7
 100 5.3 2.0 6.0

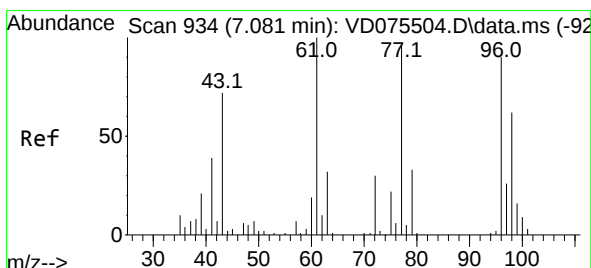
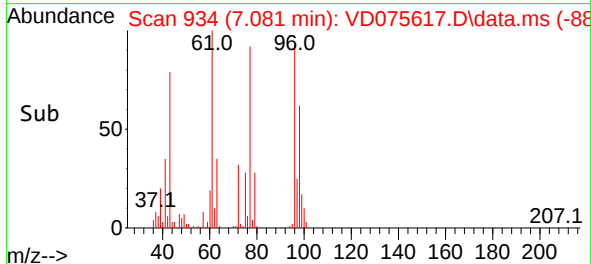
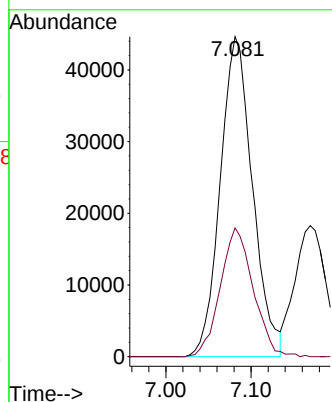
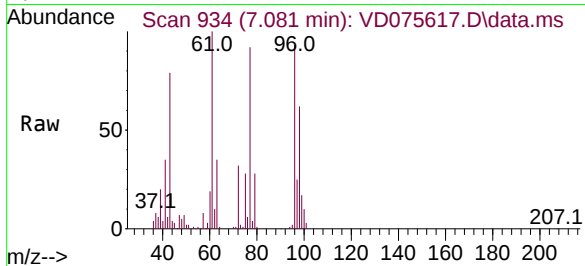




#25
2-Butanone
Concen: 277.669 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

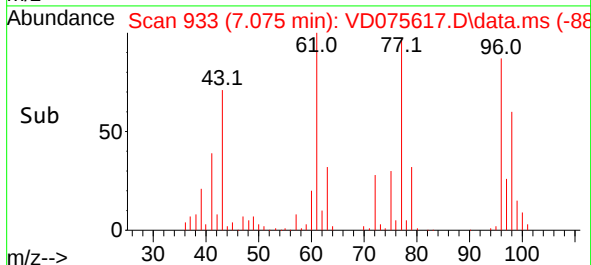
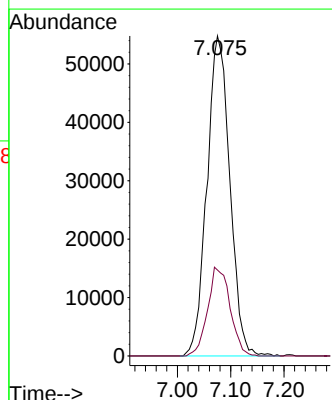
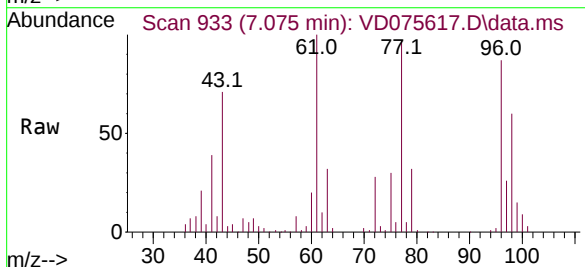
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

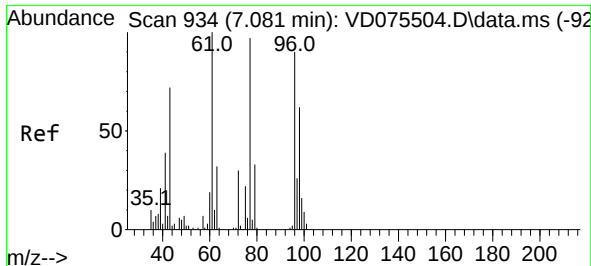
Tgt Ion: 43 Resp: 117439
Ion Ratio Lower Upper
43 100
72 40.3 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 48.283 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 77 Resp: 163657
Ion Ratio Lower Upper
77 100
97 27.1 11.1 33.1



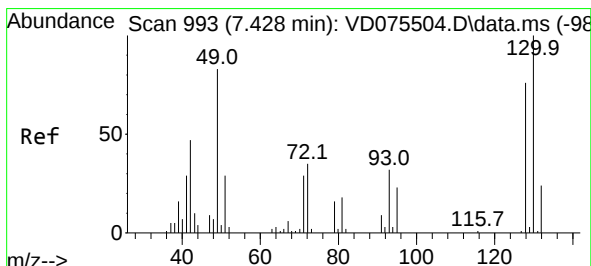
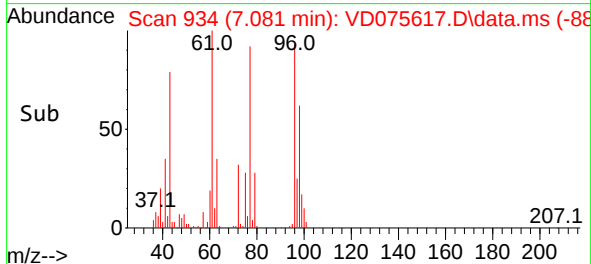
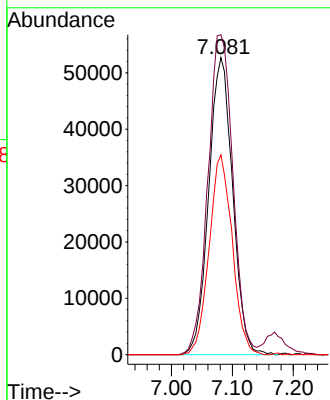
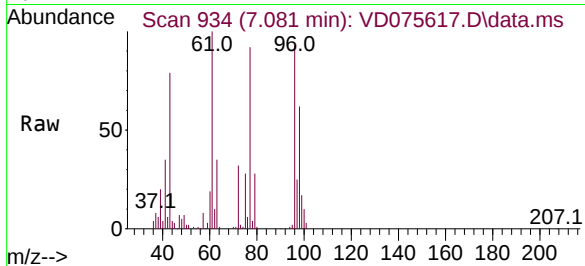


#27
 cis-1,2-Dichloroethene
 Concen: 51.239 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

Tgt Ion: 96 Resp: 143924

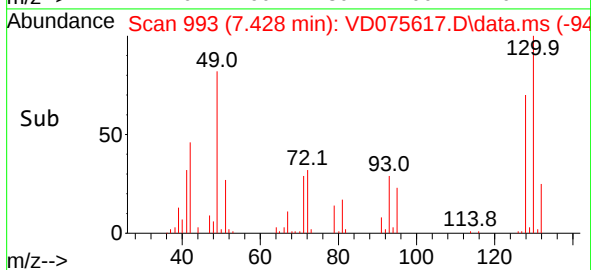
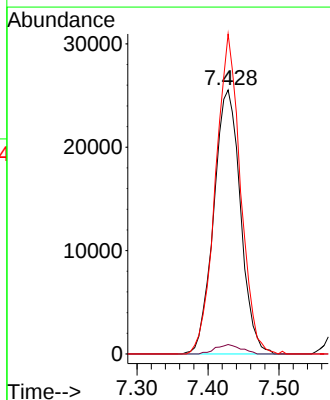
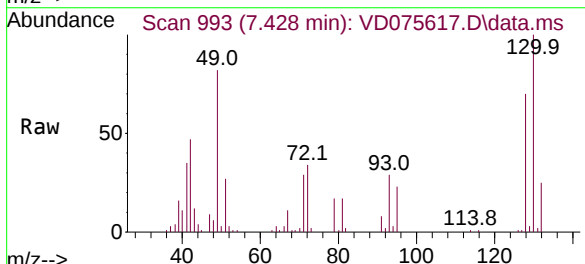
Ion	Ratio	Lower	Upper
96	100		
61	112.6	0.0	295.2
98	64.9	0.0	129.2

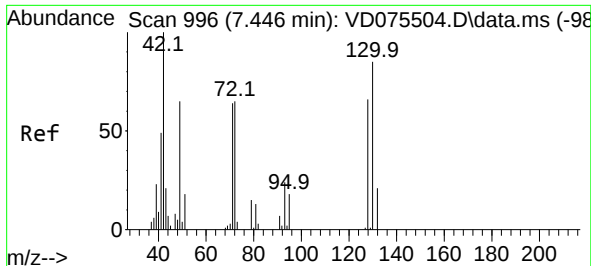


#28
 Bromochloromethane
 Concen: 52.813 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion: 49 Resp: 66674

Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	2.2#
130	112.7	56.0	84.0#





#29

Tetrahydrofuran

Concen: 284.650 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

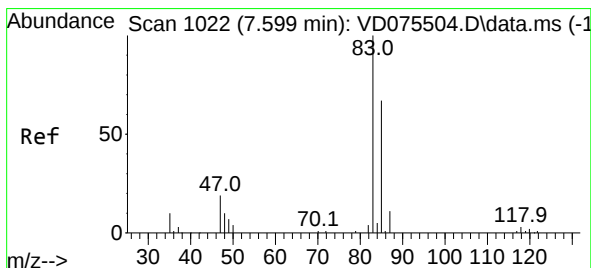
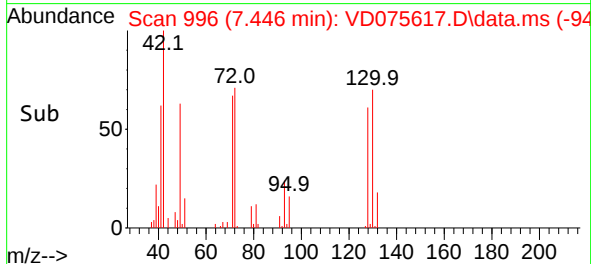
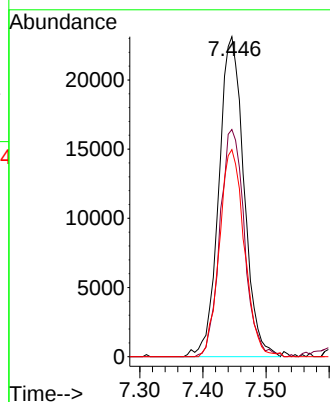
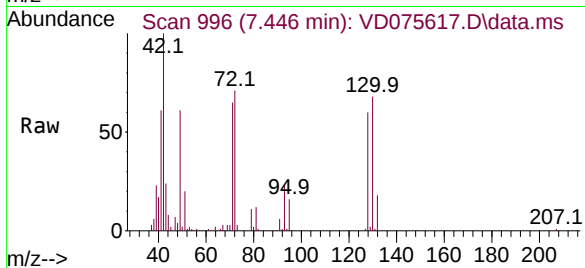
Tgt Ion: 42 Resp: 63754

Ion Ratio Lower Upper

42 100

72 69.1 31.8 47.6#

71 64.0 27.6 41.4#



#30

Chloroform

Concen: 51.594 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075617.D

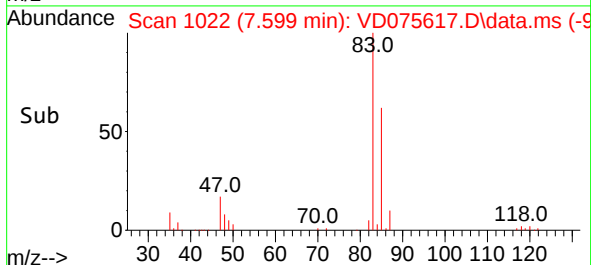
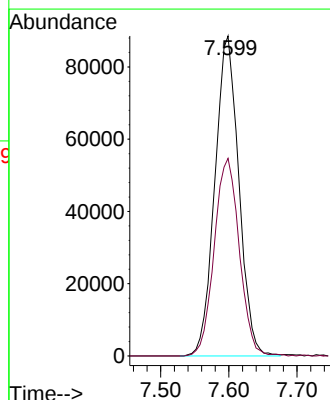
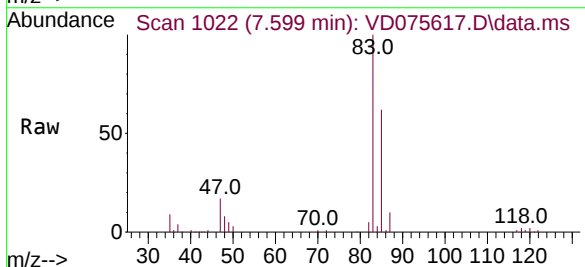
Acq: 10 Apr 2023 20:20

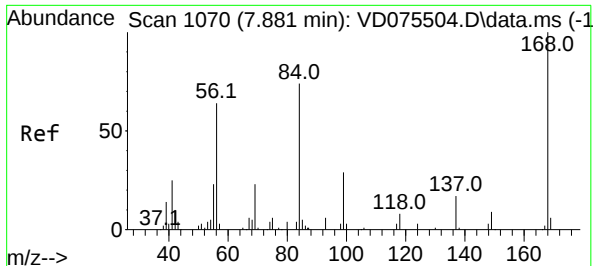
Tgt Ion: 83 Resp: 216870

Ion Ratio Lower Upper

83 100

85 61.8 49.4 74.2

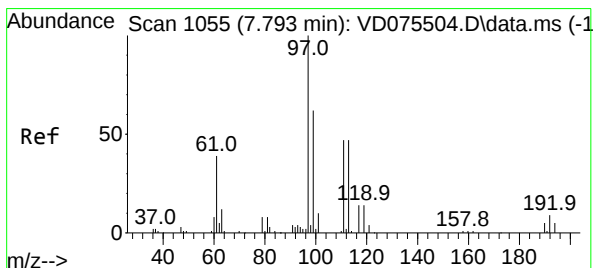
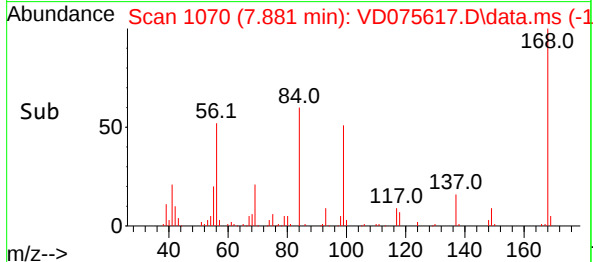
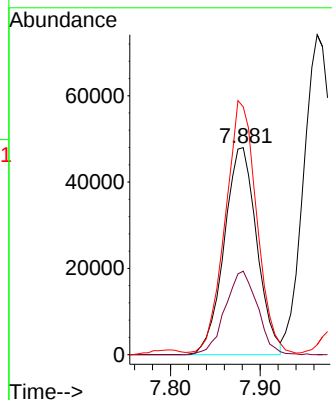
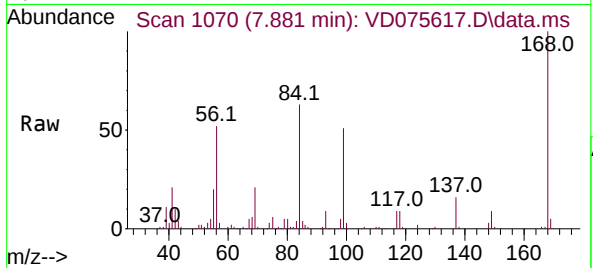




#31
Cyclohexane
Concen: 46.610 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

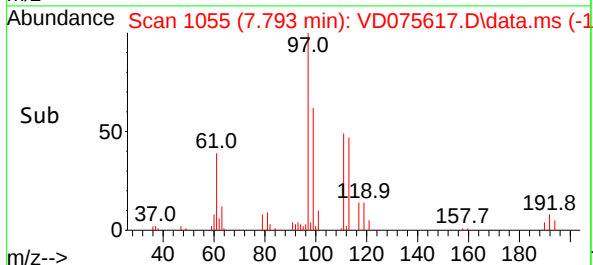
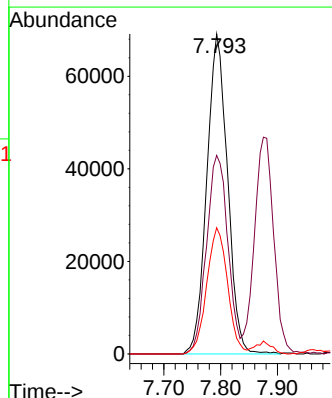
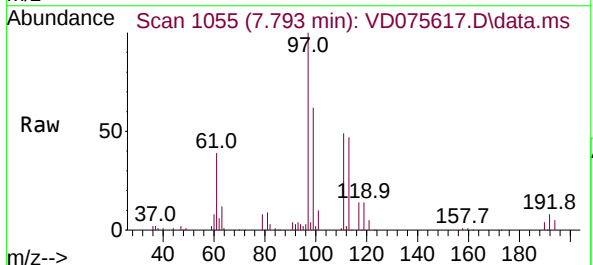
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

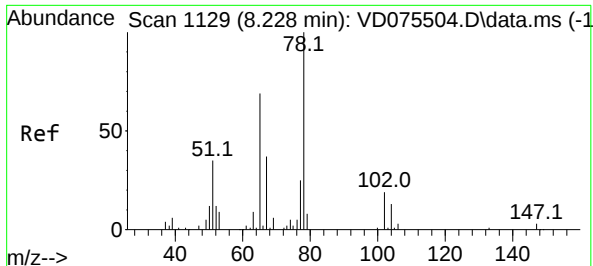
Tgt Ion: 56 Resp: 121288
Ion Ratio Lower Upper
56 100
69 40.3 25.5 38.3#
84 118.2 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 50.048 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 97 Resp: 175073
Ion Ratio Lower Upper
97 100
99 63.7 50.5 75.7
61 39.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.885 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

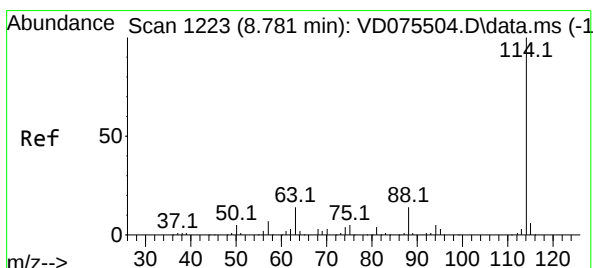
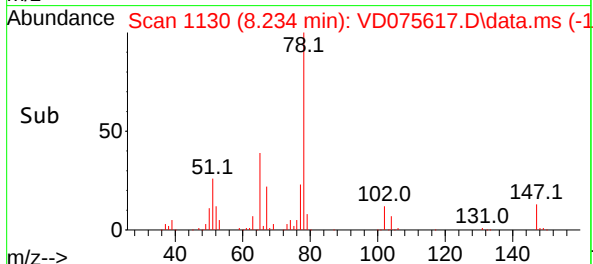
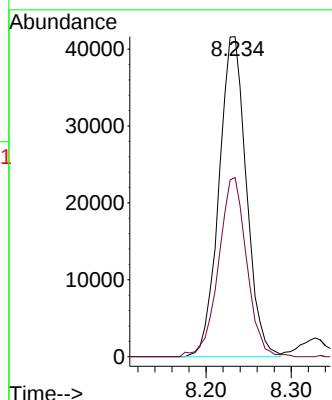
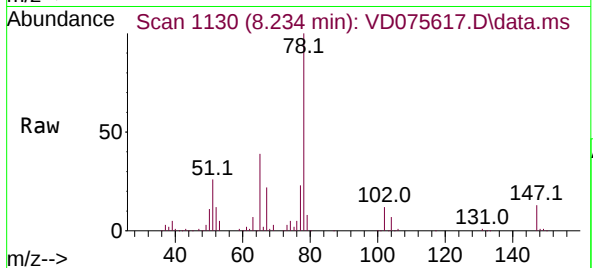
ICVVD041023

Tgt Ion: 65 Resp: 92802

Ion Ratio Lower Upper

65 100

67 57.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

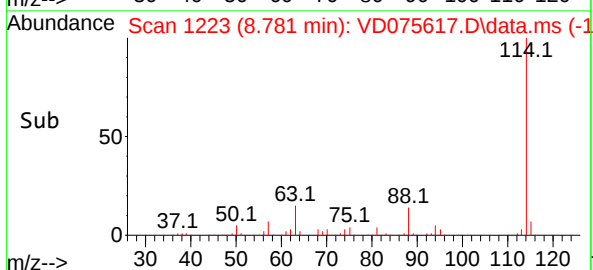
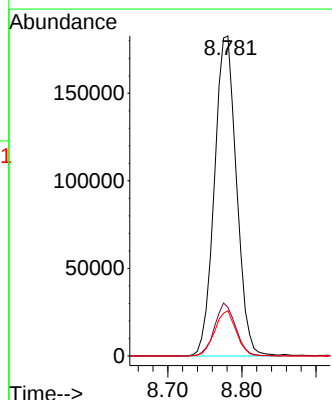
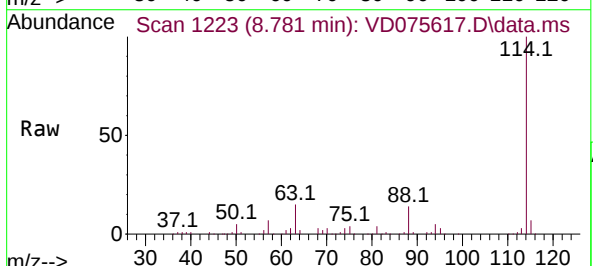
Tgt Ion: 114 Resp: 377933

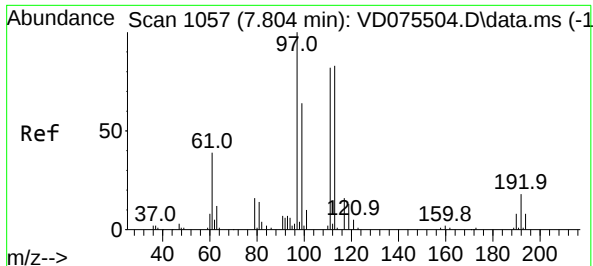
Ion Ratio Lower Upper

114 100

63 15.2 0.0 41.6

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.435 ug/l

RT: 7.805 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

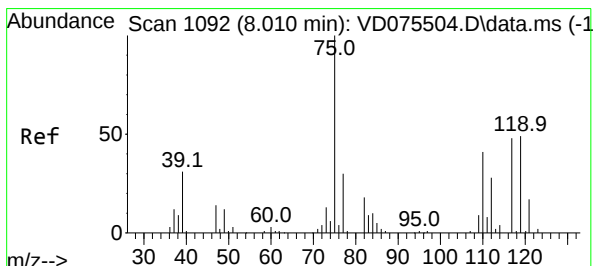
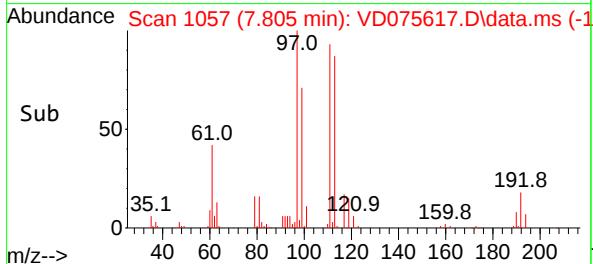
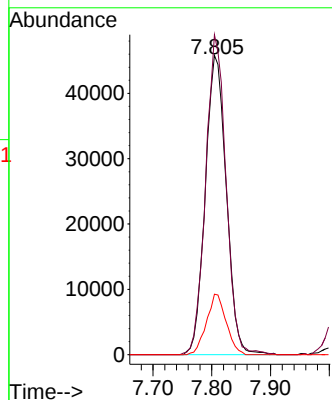
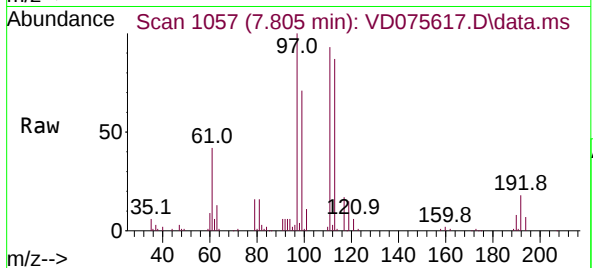
Tgt Ion:113 Resp: 113923

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 52.339 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

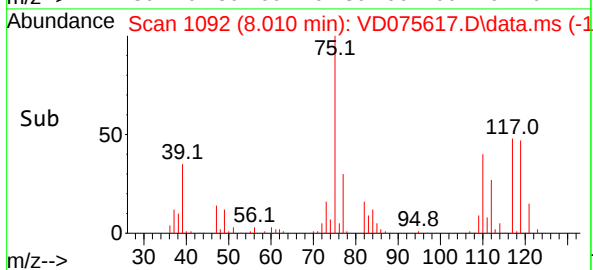
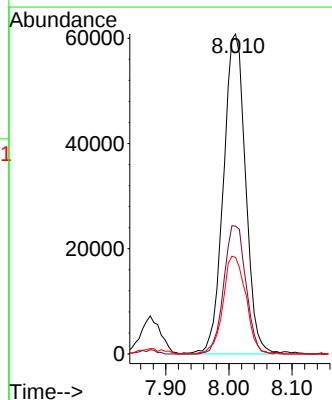
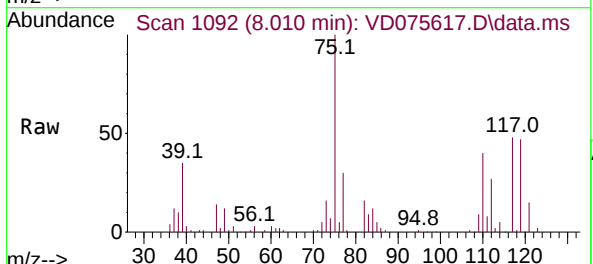
Tgt Ion: 75 Resp: 148053

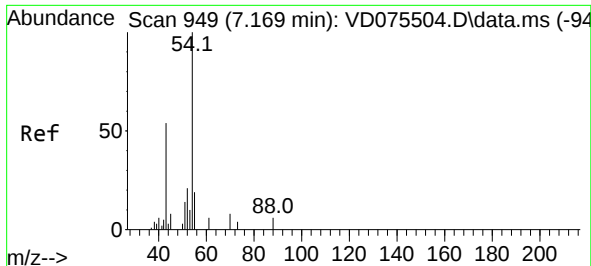
Ion Ratio Lower Upper

75 100

110 40.2 17.1 51.2

77 31.6 24.6 36.8





#37

Ethyl Acetate

Concen: 55.096 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

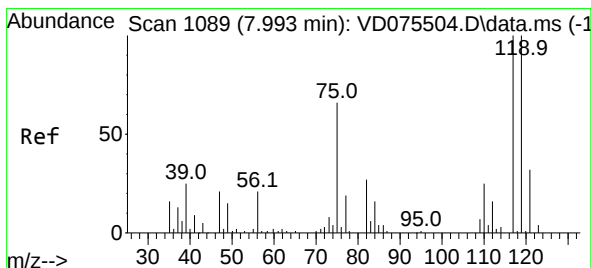
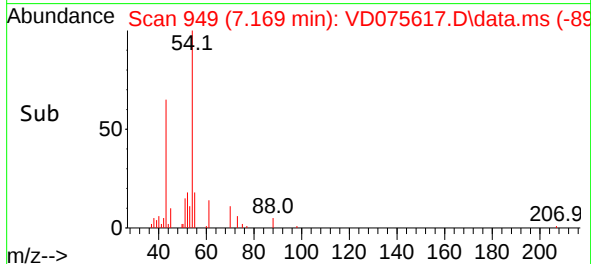
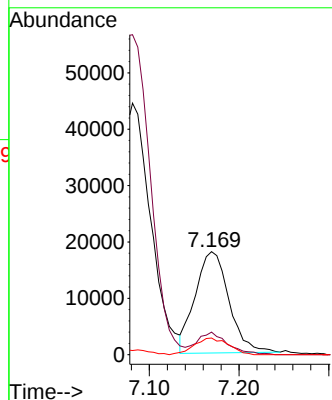
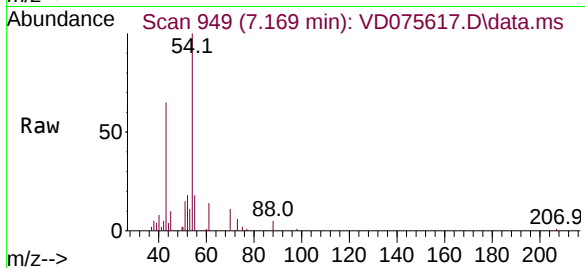
Tgt Ion: 43 Resp: 46857

Ion Ratio Lower Upper

43 100

61 20.2 0.0 0.0#

70 16.7 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 52.487 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

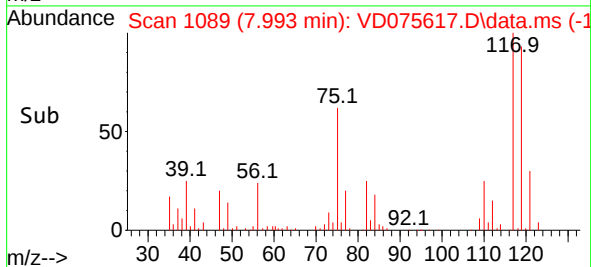
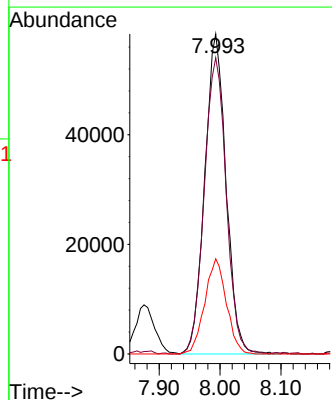
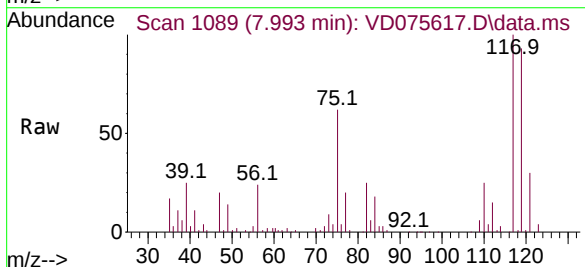
Tgt Ion: 117 Resp: 142382

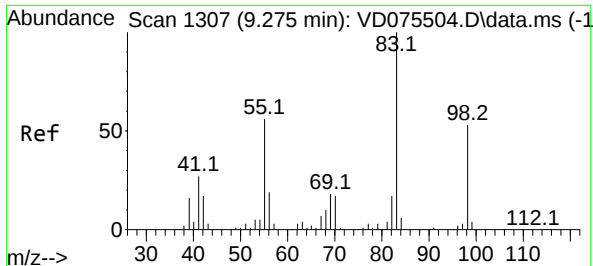
Ion Ratio Lower Upper

117 100

119 92.6 74.7 112.1

121 29.7 25.9 38.9





#39

Methylcyclohexane

Concen: 50.738 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

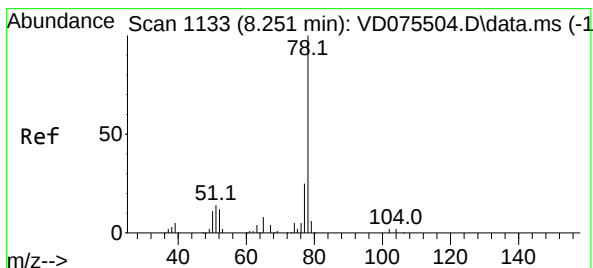
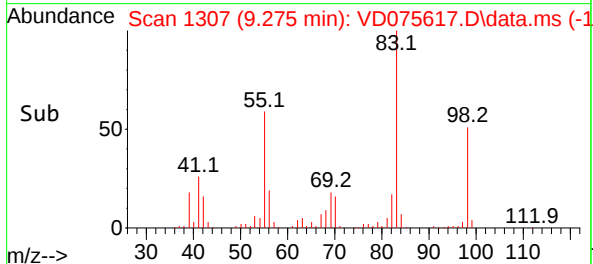
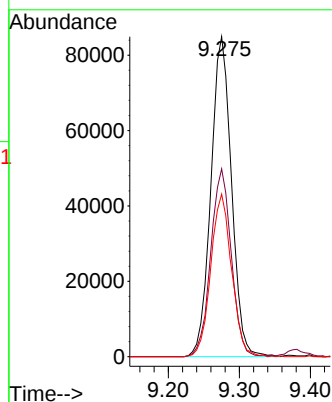
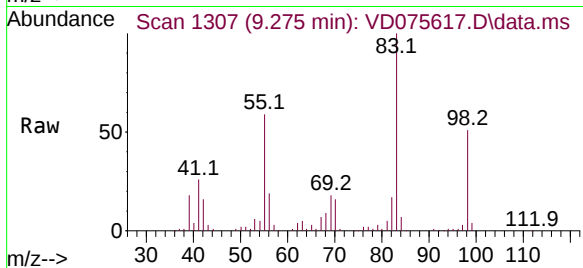
Tgt Ion: 83 Resp: 170902

Ion Ratio Lower Upper

83 100

55 58.7 56.8 85.2

98 50.8 38.9 58.3



#40

Benzene

Concen: 52.350 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075617.D

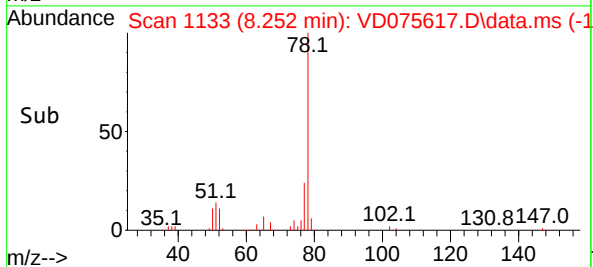
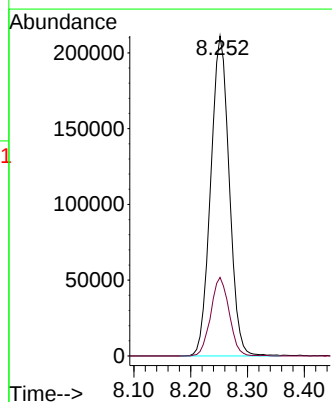
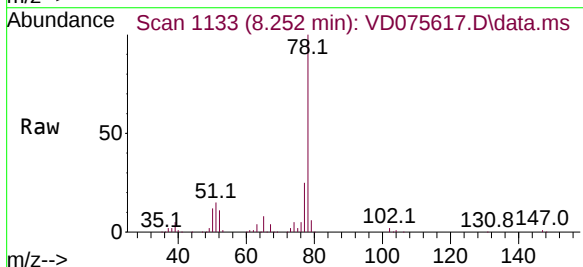
Acq: 10 Apr 2023 20:20

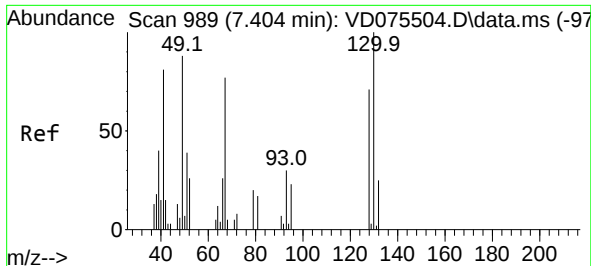
Tgt Ion: 78 Resp: 477161

Ion Ratio Lower Upper

78 100

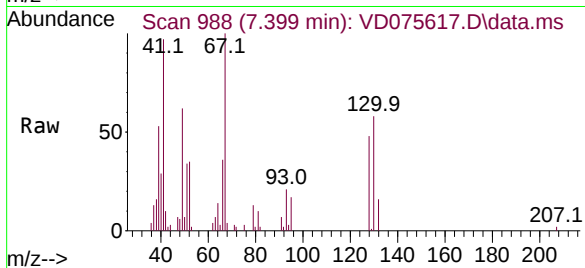
77 24.5 19.1 28.7



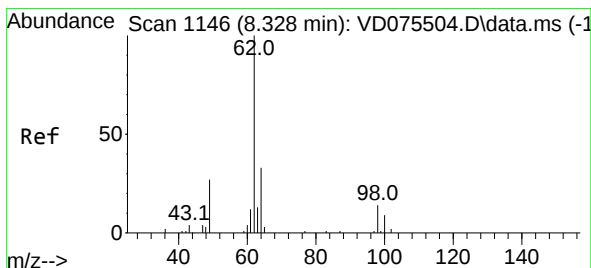
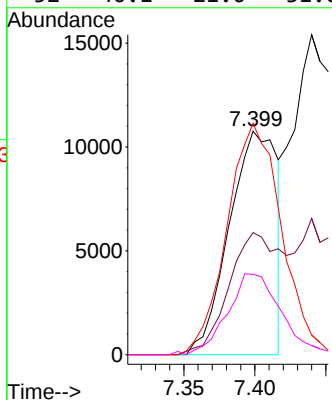
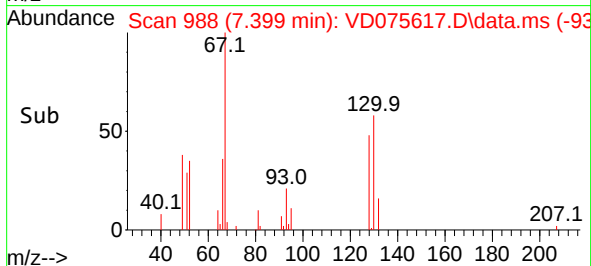


#41
Methacrylonitrile
Concen: 54.229 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

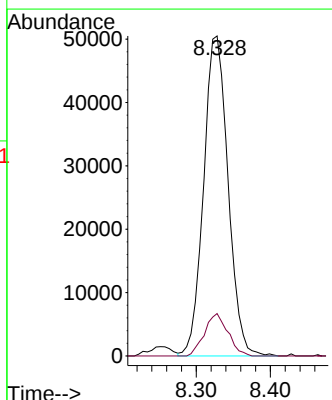
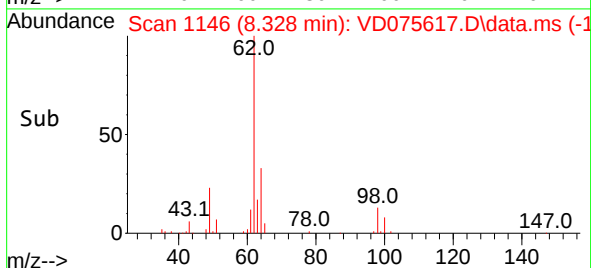
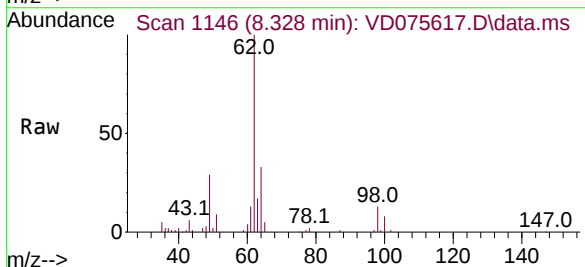


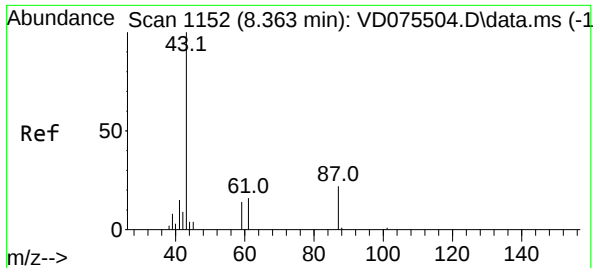
Tgt Ion: 41	Resp: 25257
Ion Ratio	Lower Upper
41 100	
39 60.6	45.3 67.9
67 118.2	50.5 75.7#
52 40.1	21.0 31.6#



#42
1,2-Dichloroethane
Concen: 54.685 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 62	Resp: 115812
Ion Ratio	Lower Upper
62 100	
98 12.7	0.0 18.8





#43

Isopropyl Acetate

Concen: 58.296 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

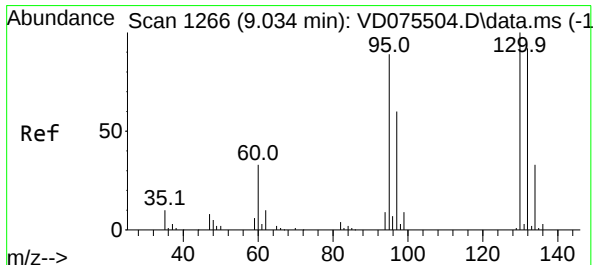
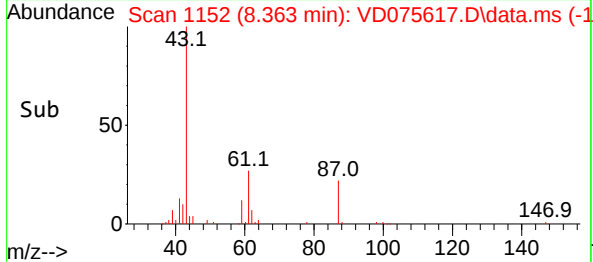
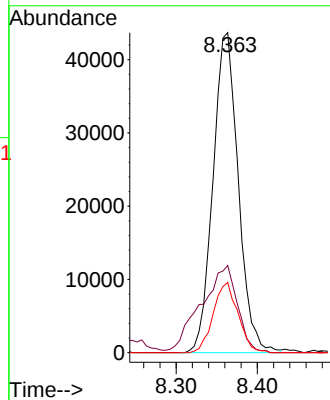
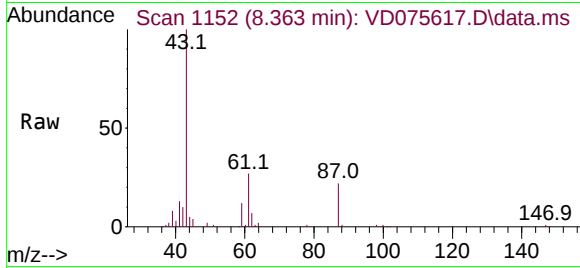
Tgt Ion: 43 Resp: 94644

Ion Ratio Lower Upper

43 100

61 39.2 23.4 35.0#

87 21.5 9.5 14.3#



#44

Trichloroethene

Concen: 49.435 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075617.D

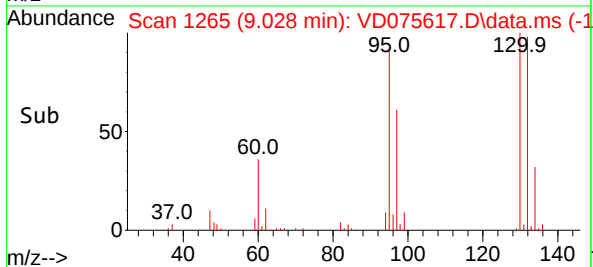
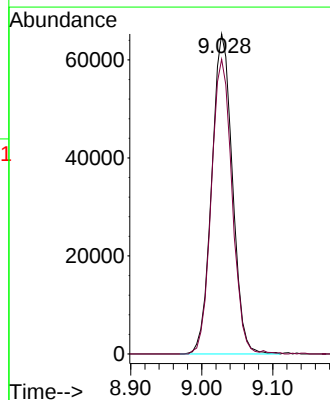
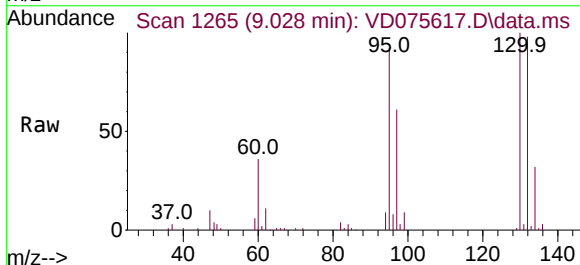
Acq: 10 Apr 2023 20:20

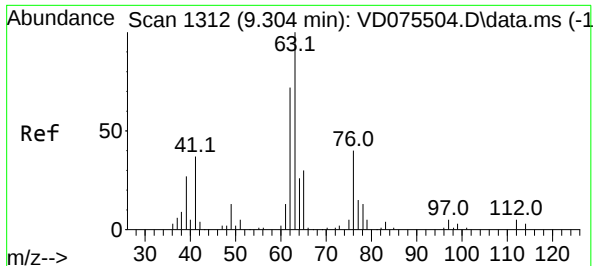
Tgt Ion:130 Resp: 131983

Ion Ratio Lower Upper

130 100

95 92.1 0.0 197.6





#45

1,2-Dichloropropane

Concen: 52.046 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

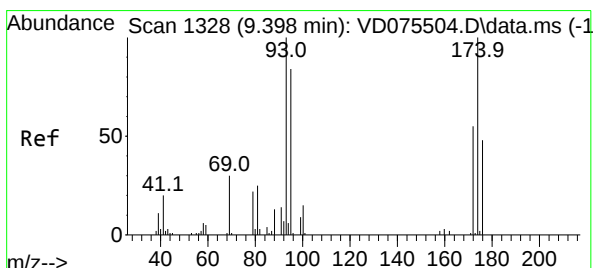
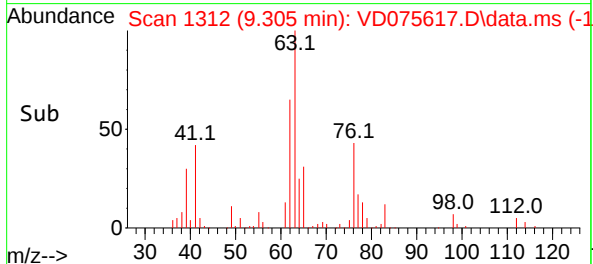
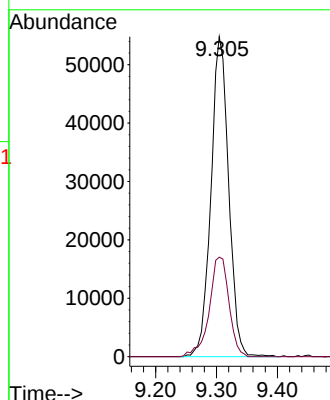
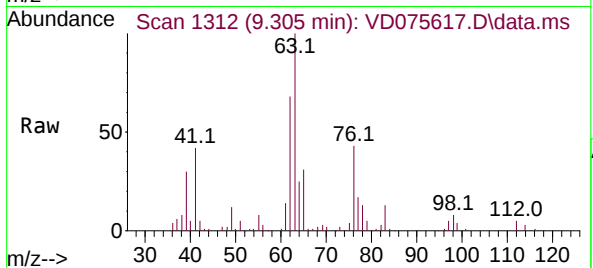
ICVVD041023

Tgt Ion: 63 Resp: 110665

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.4



#46

Dibromomethane

Concen: 54.508 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

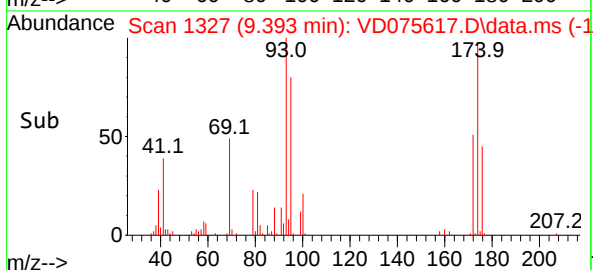
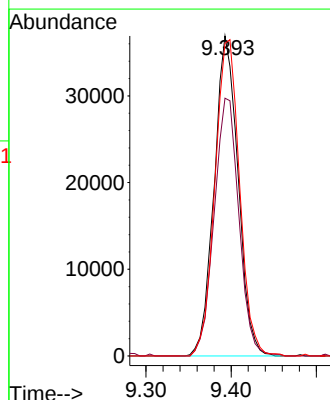
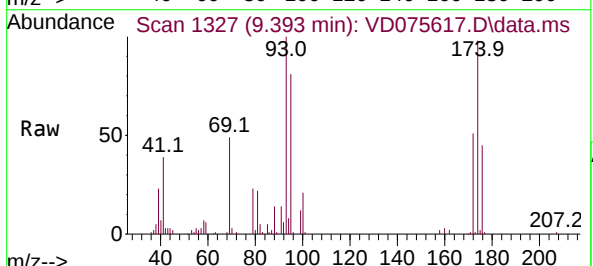
Tgt Ion: 93 Resp: 71961

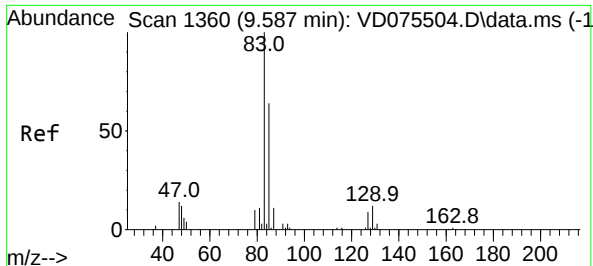
Ion Ratio Lower Upper

93 100

95 83.3 64.5 96.7

174 101.9 76.2 114.4





#47

Bromodichloromethane

Concen: 52.852 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

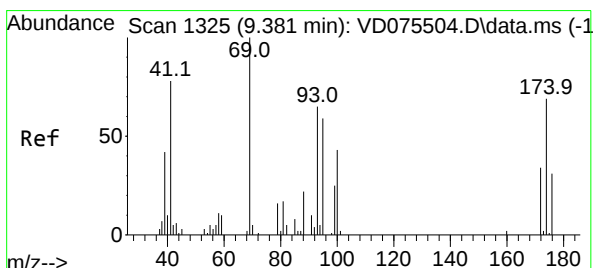
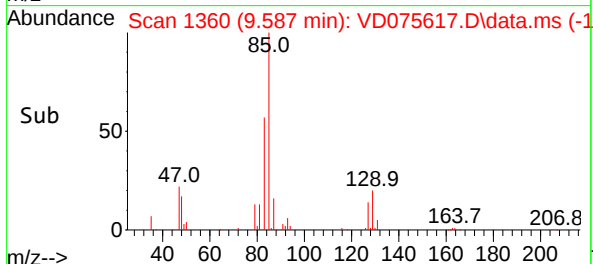
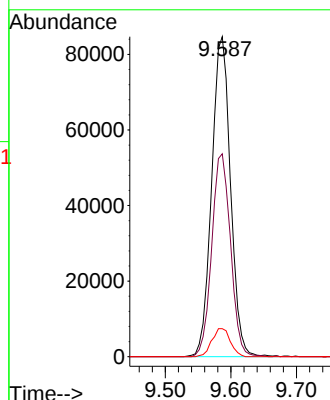
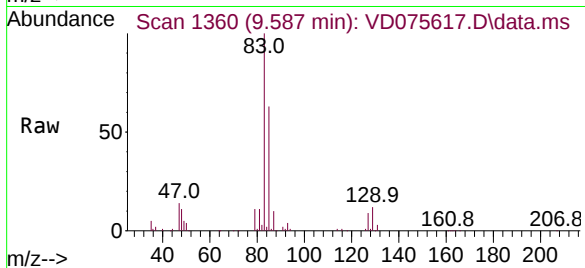
Tgt Ion: 83 Resp: 168737

Ion Ratio Lower Upper

83 100

85 63.4 53.7 80.5

127 8.8 7.0 10.6



#48

Methyl methacrylate

Concen: 55.042 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

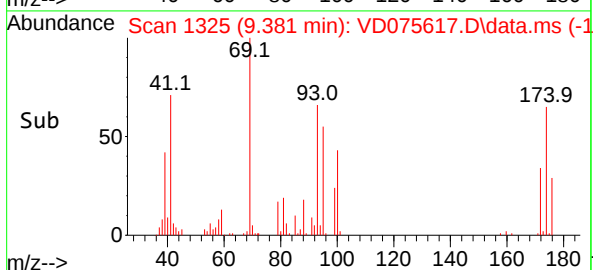
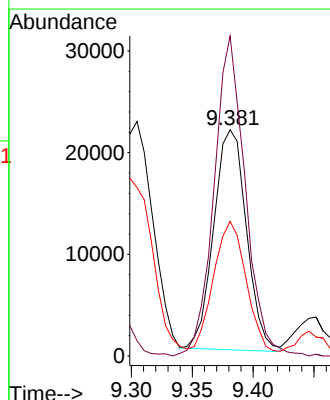
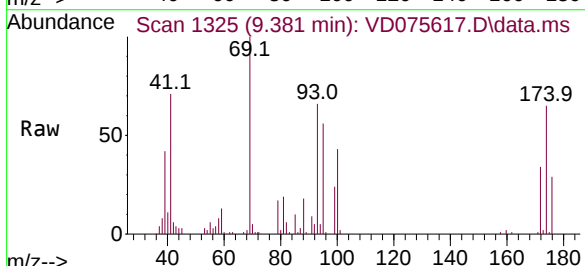
Tgt Ion: 41 Resp: 40497

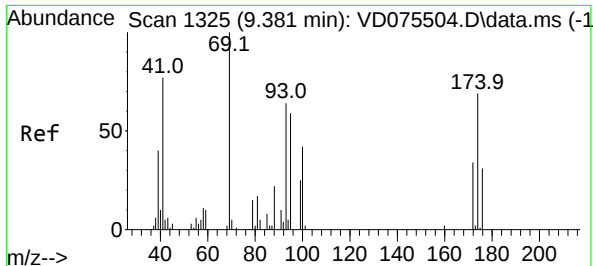
Ion Ratio Lower Upper

41 100

69 138.5 58.6 88.0#

39 63.2 53.4 80.0

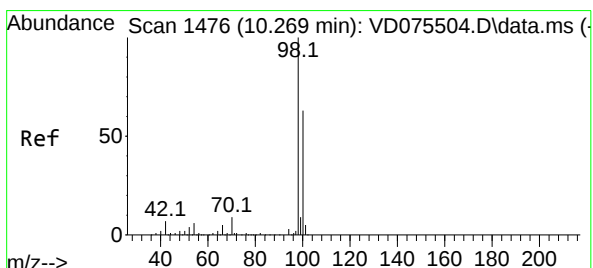
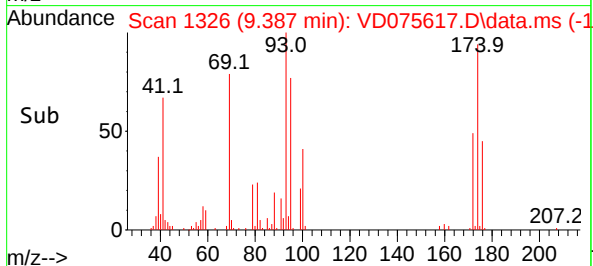
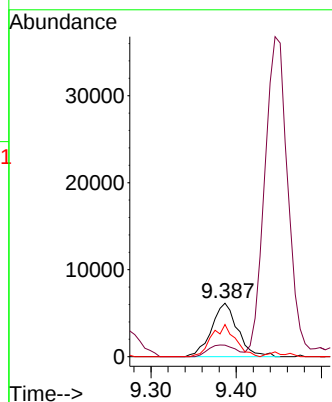
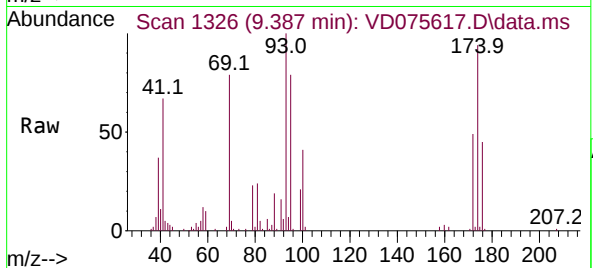




#49
1,4-Dioxane
Concen: 1097.222 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

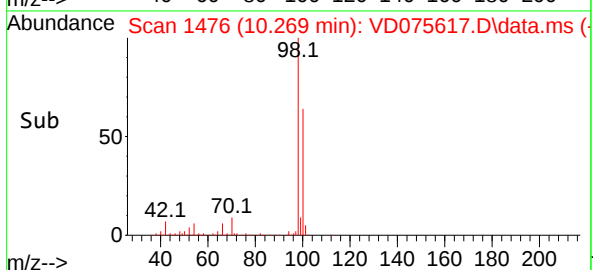
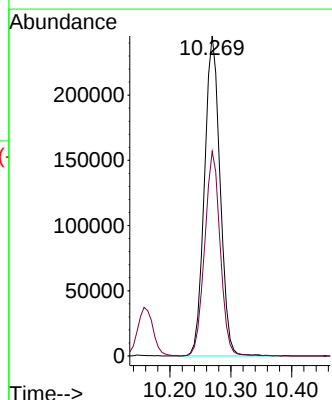
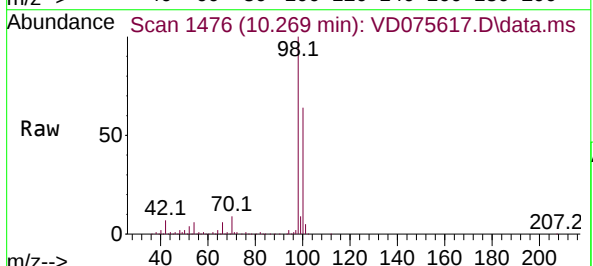
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

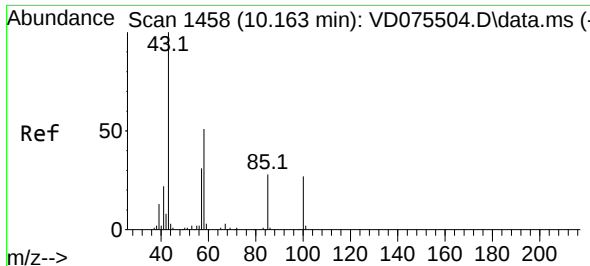
Tgt Ion: 88 Resp: 13131
Ion Ratio Lower Upper
88 100
43 23.4 34.6 51.8#
58 54.5 58.0 87.0#



#50
Toluene-d8
Concen: 50.301 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 98 Resp: 437001
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

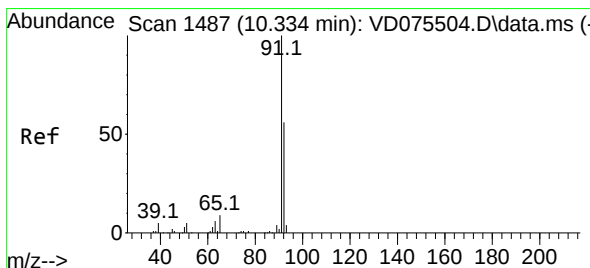
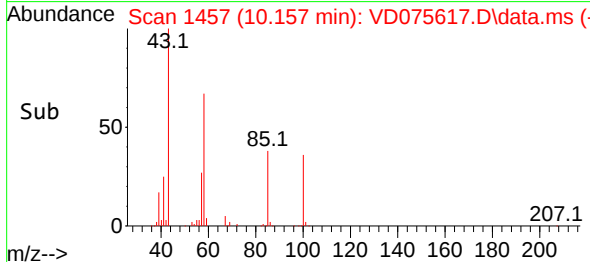
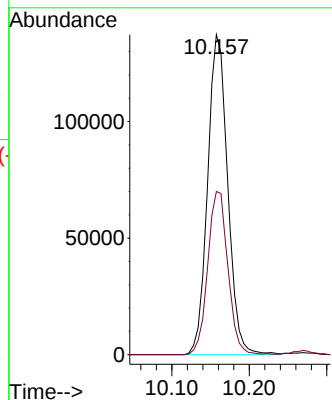
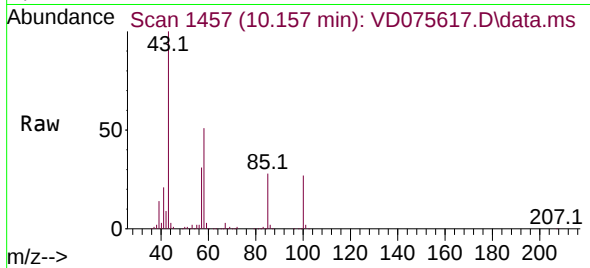




#51
4-Methyl-2-Pentanone
Concen: 282.522 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

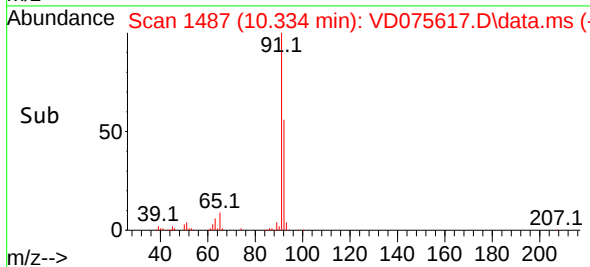
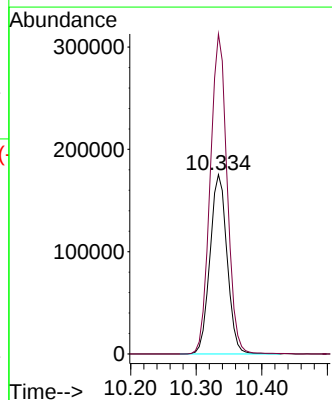
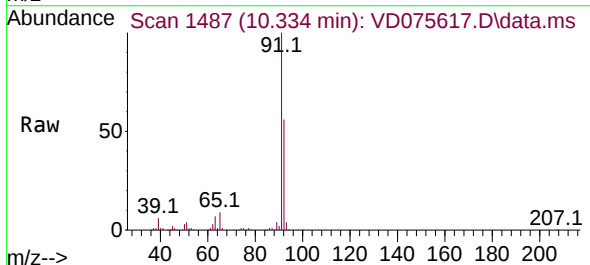
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

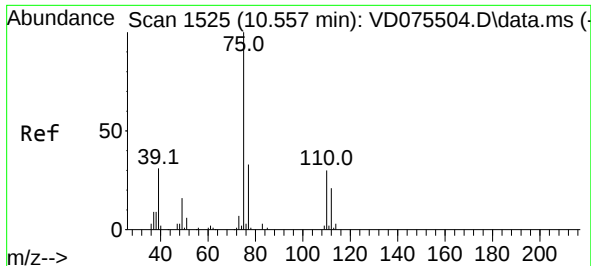
Tgt Ion: 43 Resp: 246914
Ion Ratio Lower Upper
43 100
58 51.3 29.5 44.3#



#52
Toluene
Concen: 51.571 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 92 Resp: 317475
Ion Ratio Lower Upper
92 100
91 176.7 136.5 204.7

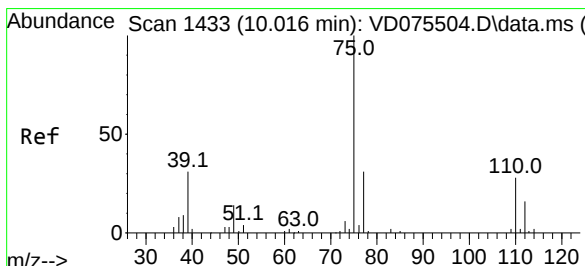
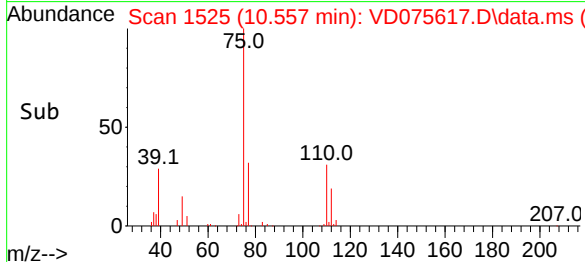
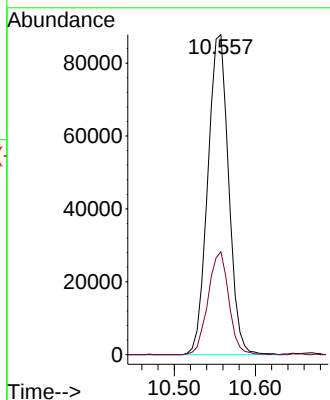
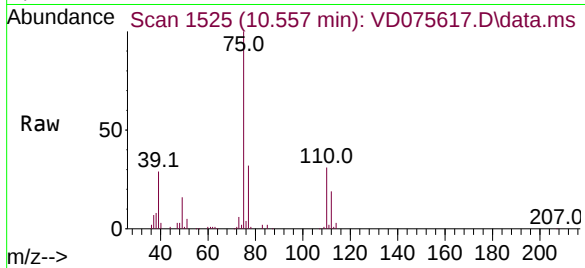




#53
t-1,3-Dichloropropene
Concen: 54.147 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

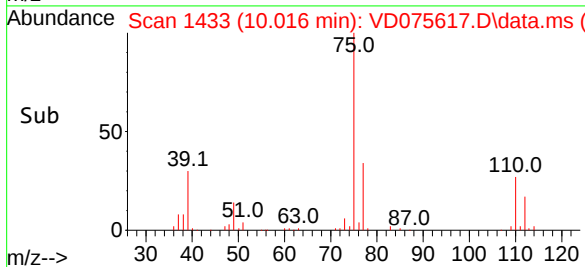
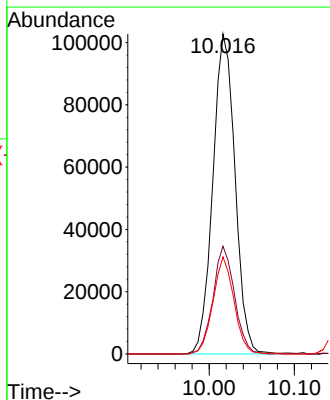
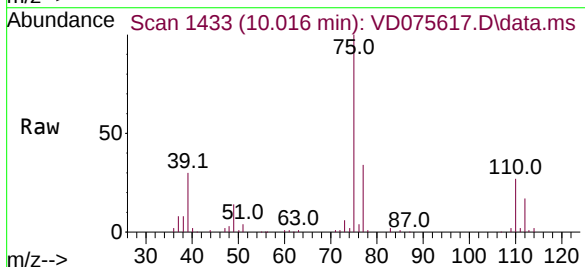
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

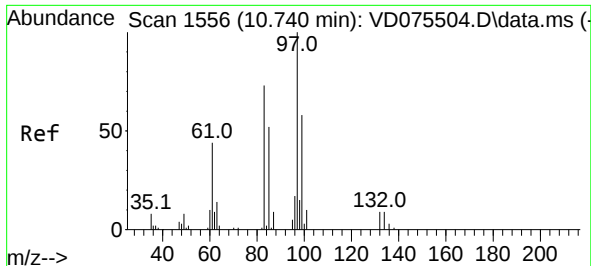
Tgt Ion: 75 Resp: 156694
Ion Ratio Lower Upper
75 100
77 32.2 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 52.890 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 75 Resp: 186099
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4
39 30.3 44.8 67.2#

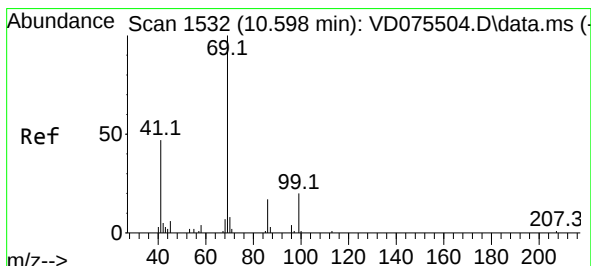
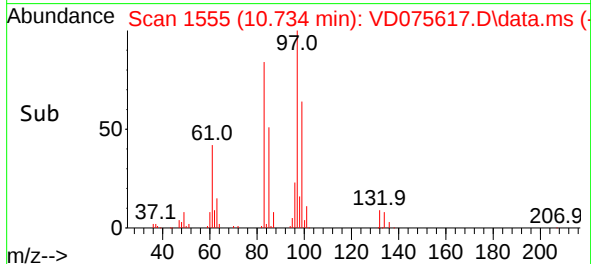
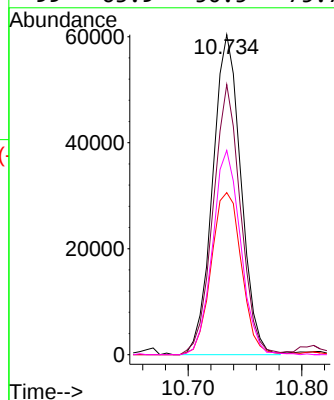
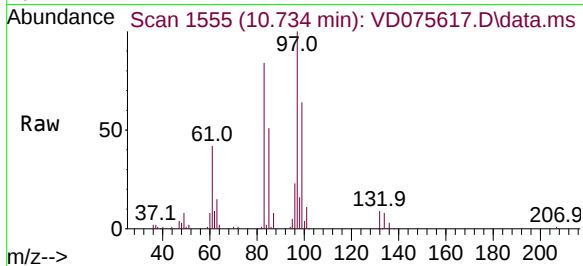




#55
1,1,2-Trichloroethane
Concen: 53.573 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

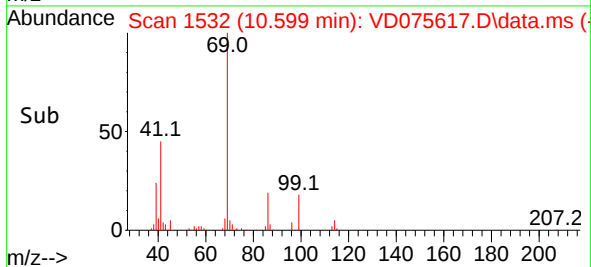
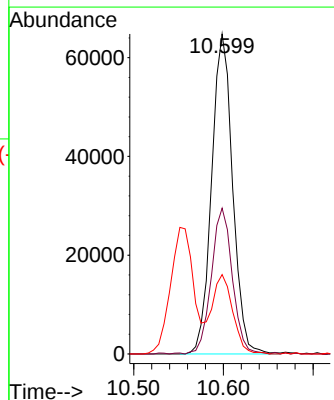
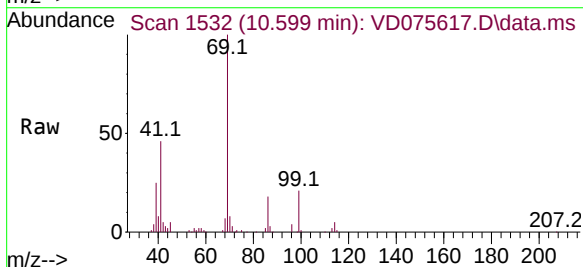
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

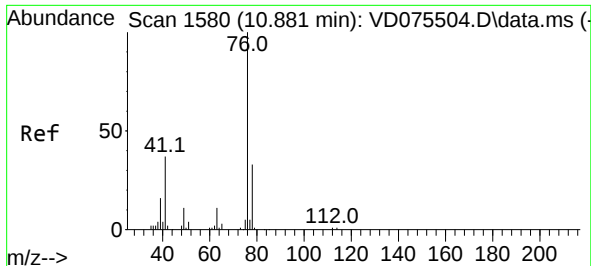
Tgt Ion:	97	Resp:	104300
Ion	Ratio	Lower	Upper
97	100		
83	84.4	74.2	111.4
85	50.7	45.4	68.0
99	63.9	50.5	75.7



#56
Ethyl methacrylate
Concen: 56.111 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:	69	Resp:	105293
Ion	Ratio	Lower	Upper
69	100		
41	45.7	59.3	88.9#
39	25.5	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 53.337 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

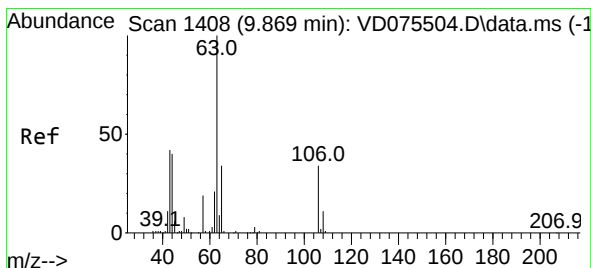
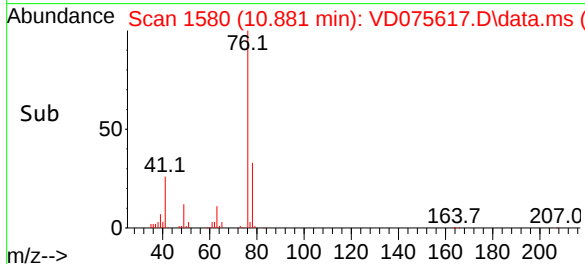
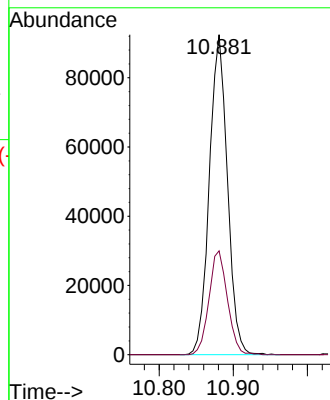
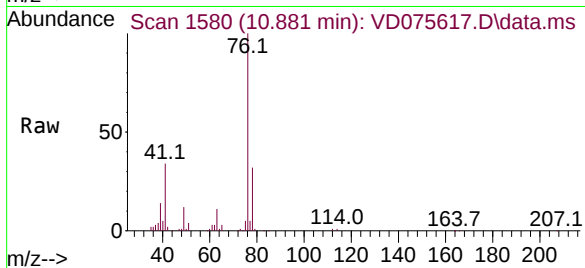
ICVVD041023

Tgt Ion: 76 Resp: 156353

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 279.134 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075617.D

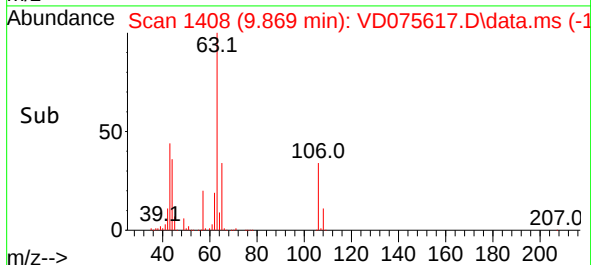
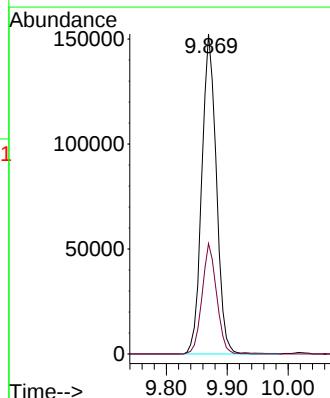
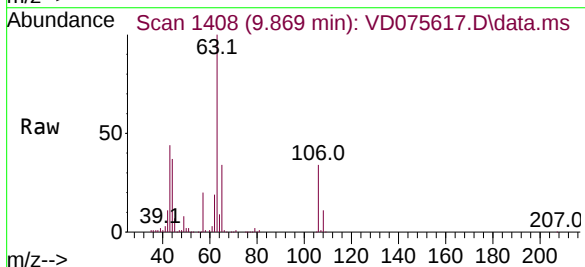
Acq: 10 Apr 2023 20:20

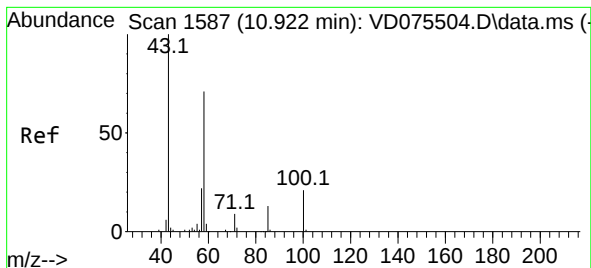
Tgt Ion: 63 Resp: 253251

Ion Ratio Lower Upper

63 100

106 34.3 21.4 32.2#

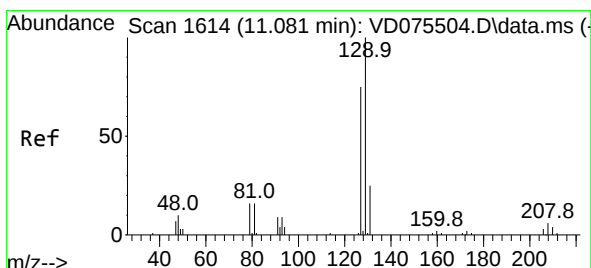
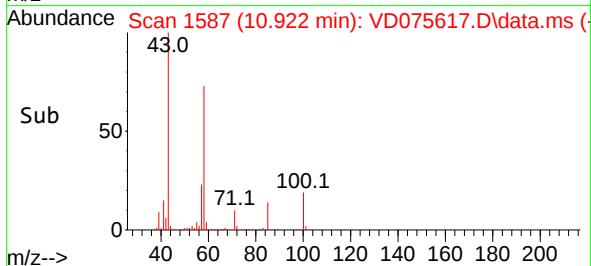
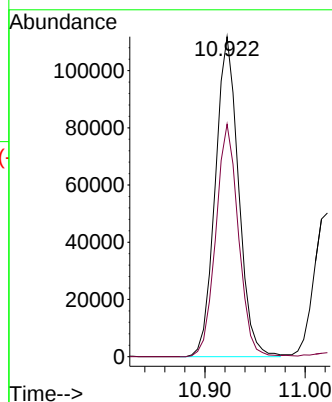
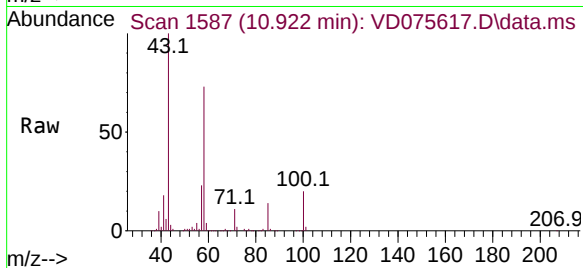




#59
2-Hexanone
Concen: 292.432 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

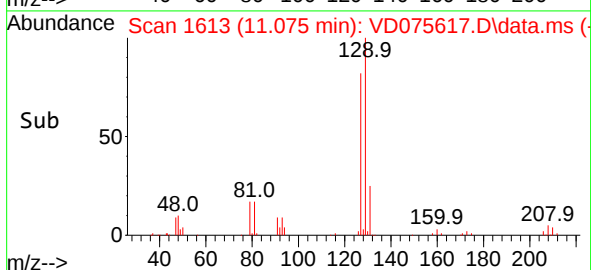
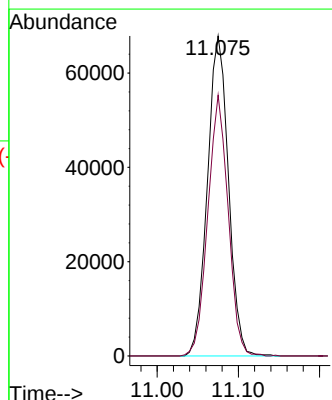
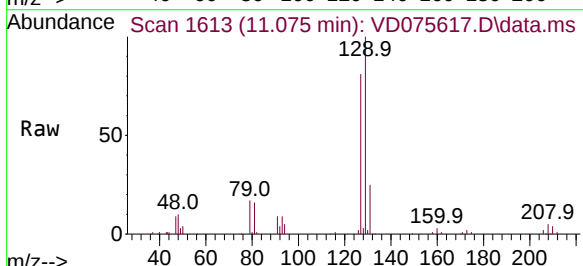
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

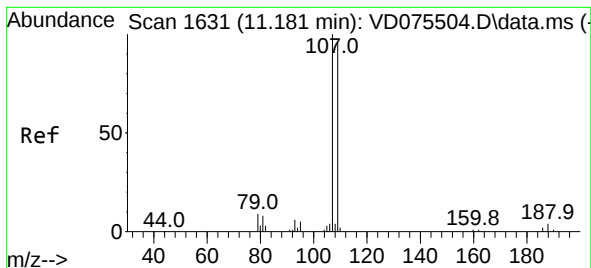
Tgt Ion: 43 Resp: 180050
Ion Ratio Lower Upper
43 100
58 70.7 25.3 75.8



#60
Dibromochloromethane
Concen: 52.573 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 129 Resp: 122203
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 52.476 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

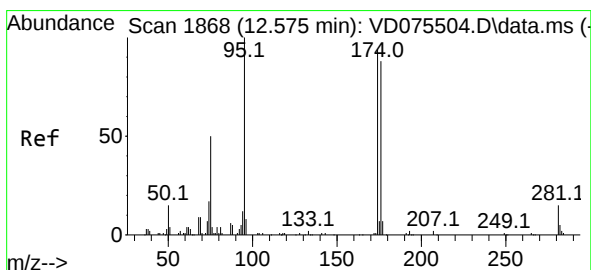
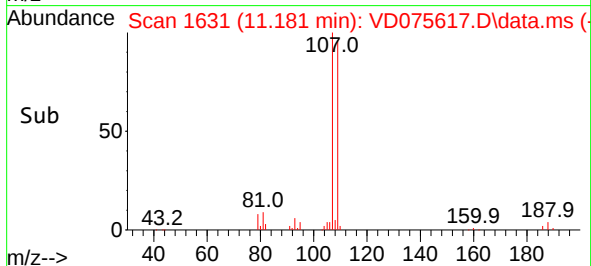
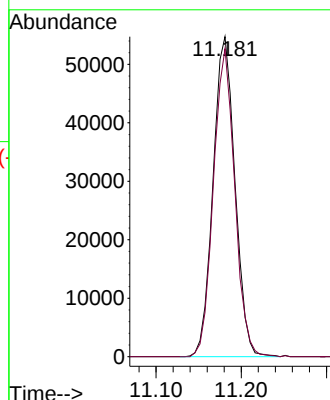
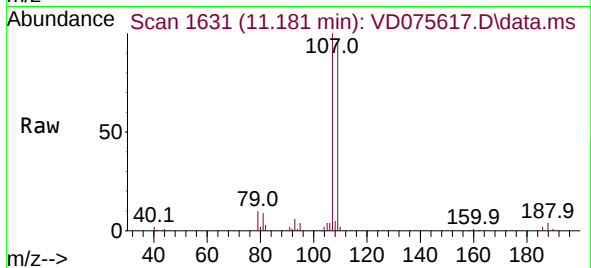
ICVVD041023

Tgt Ion:107 Resp: 97644

Ion Ratio Lower Upper

107 100

109 93.7 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 52.048 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

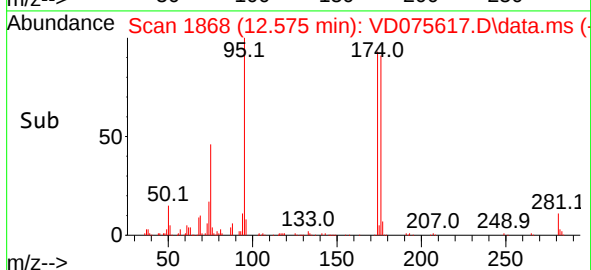
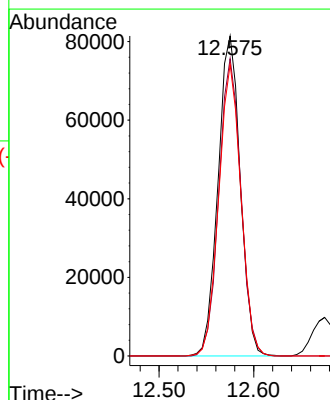
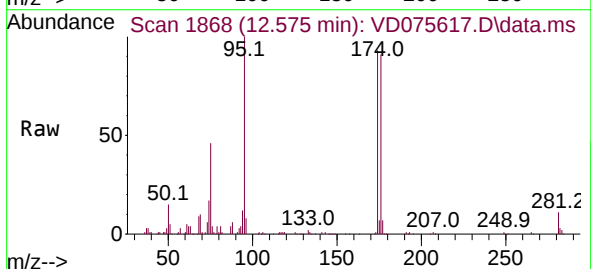
Tgt Ion: 95 Resp: 133026

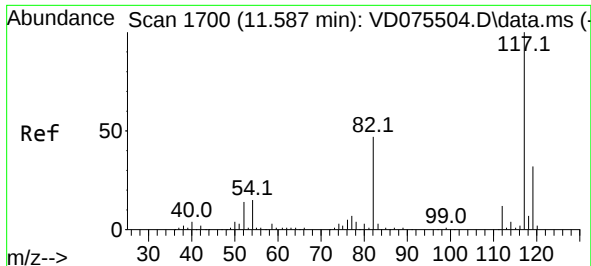
Ion Ratio Lower Upper

95 100

174 91.7 0.0 164.0

176 90.4 0.0 156.8

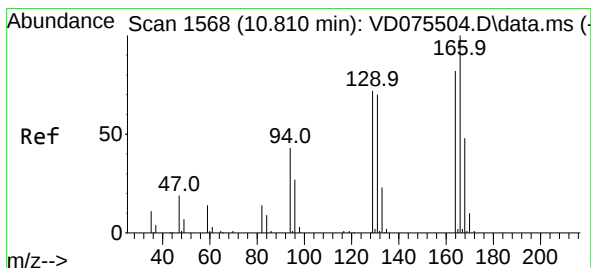
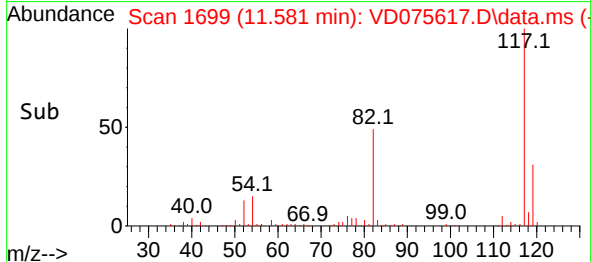
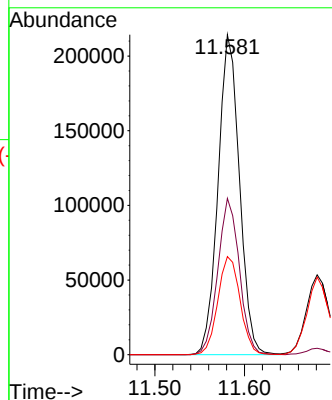
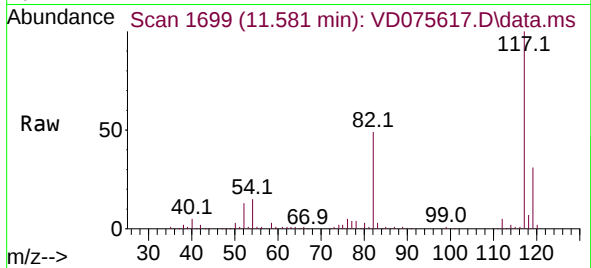




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

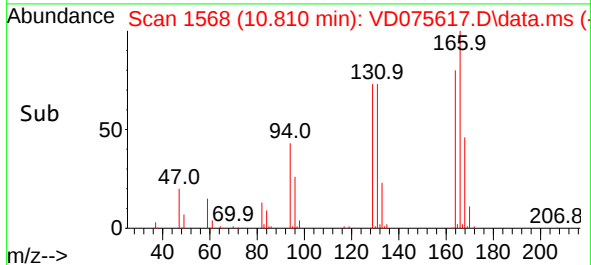
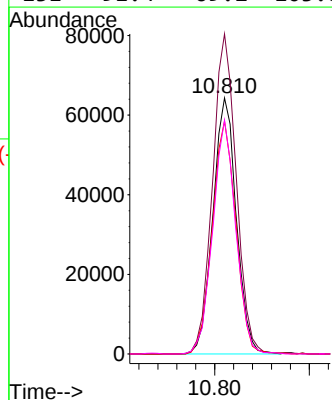
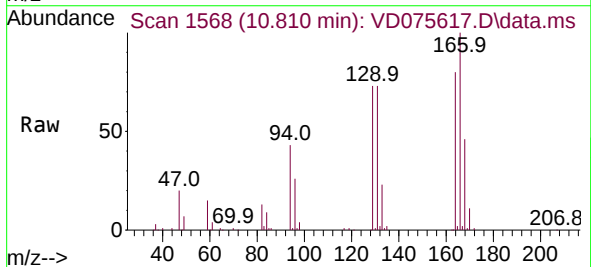
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

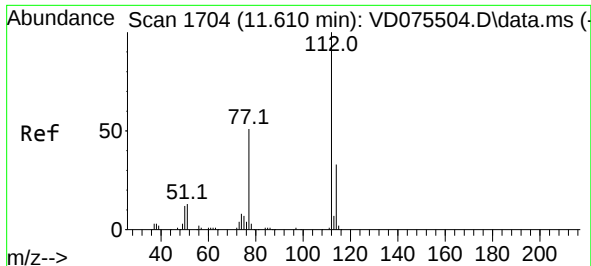
Tgt Ion:117 Resp: 355227
Ion Ratio Lower Upper
117 100
82 48.8 44.0 66.0
119 30.6 25.1 37.7



#64
Tetrachloroethene
Concen: 51.831 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:164 Resp: 110742
Ion Ratio Lower Upper
164 100
166 125.0 94.9 142.3
129 91.0 73.0 109.6
131 91.4 69.2 103.8

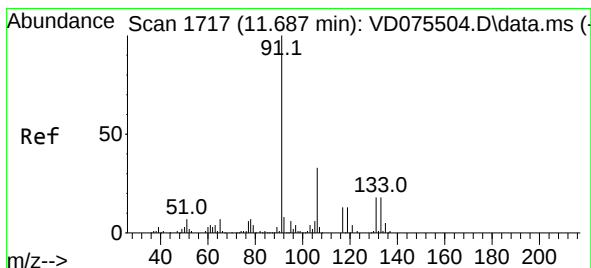
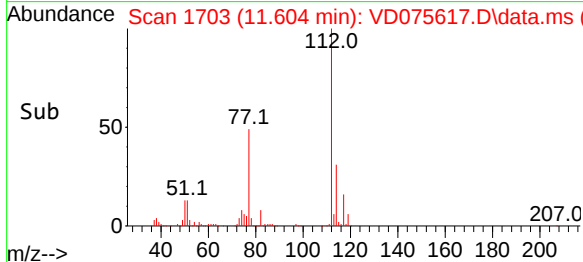
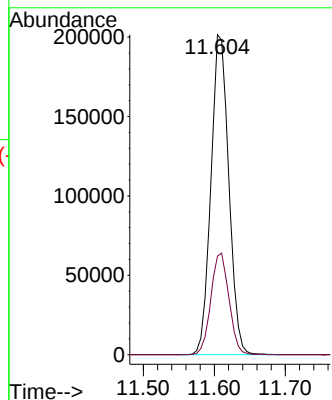
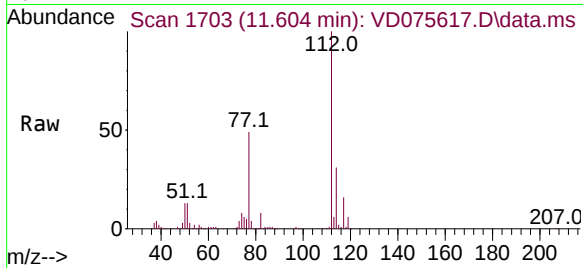




#65
Chlorobenzene
Concen: 50.961 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

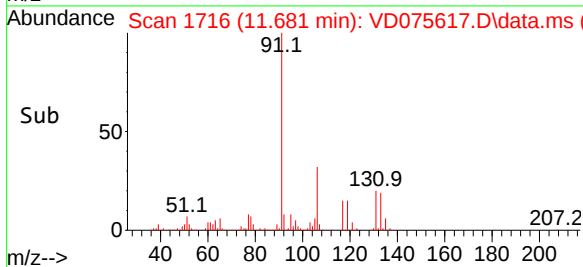
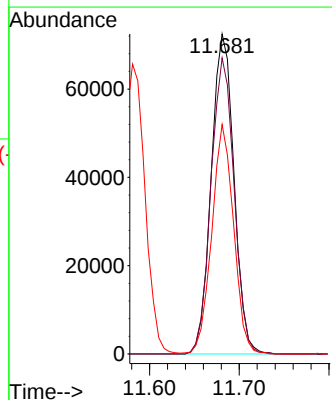
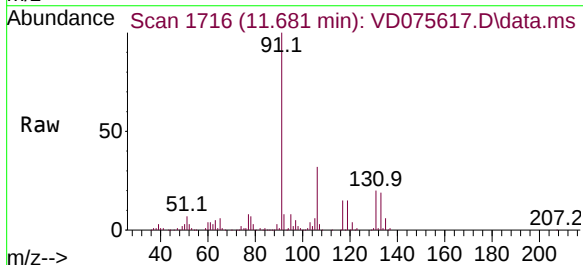
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

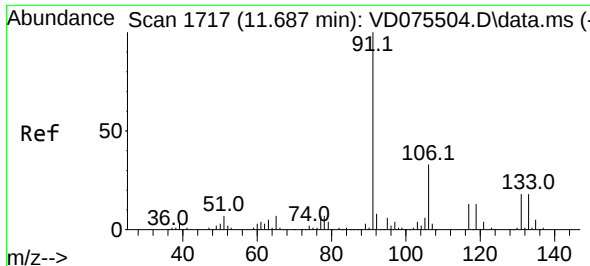
Tgt Ion:112 Resp: 351394
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.156 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:131 Resp: 127179
Ion Ratio Lower Upper
131 100
133 94.3 46.7 140.0
119 69.1 31.9 95.9

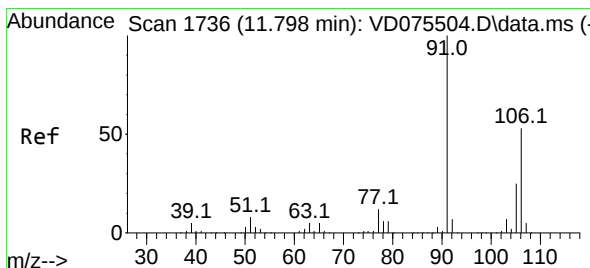
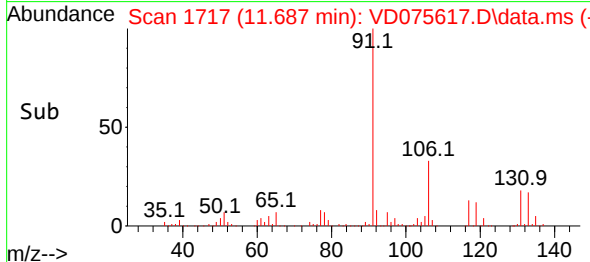
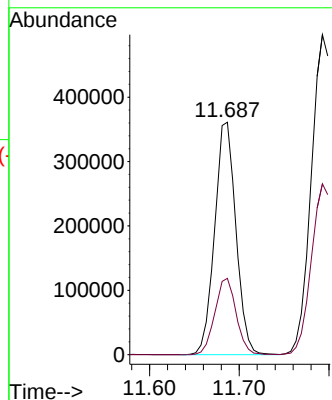
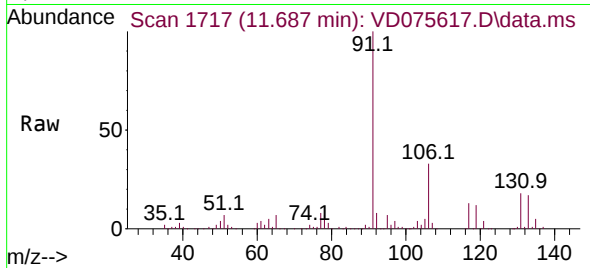




#67
Ethyl Benzene
Concen: 52.276 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

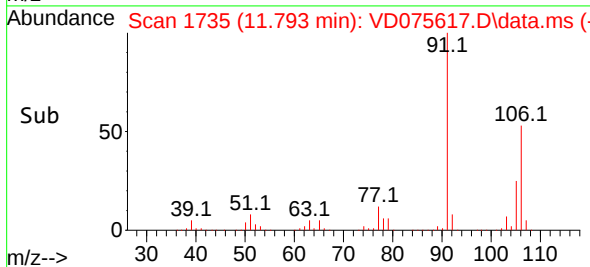
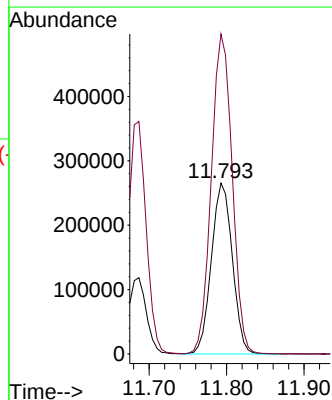
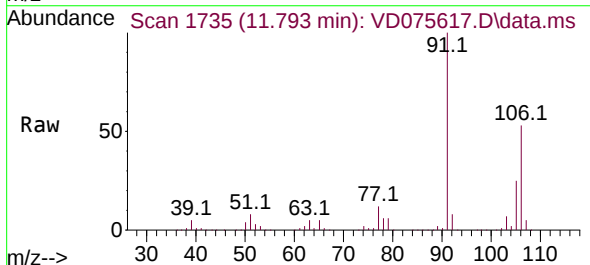
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

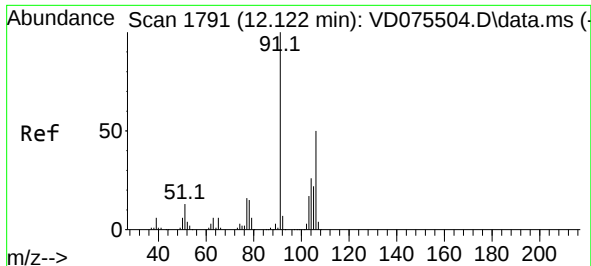
Tgt Ion: 91 Resp: 594730
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#68
m/p-Xylenes
Concen: 106.216 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:106 Resp: 497716
Ion Ratio Lower Upper
106 100
91 187.2 161.5 242.3

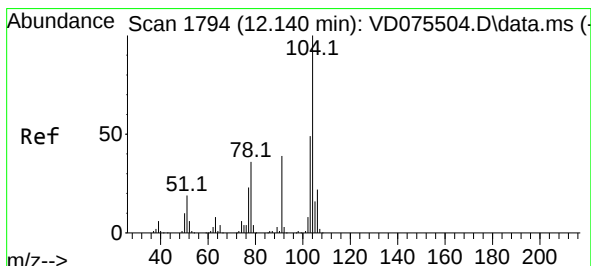
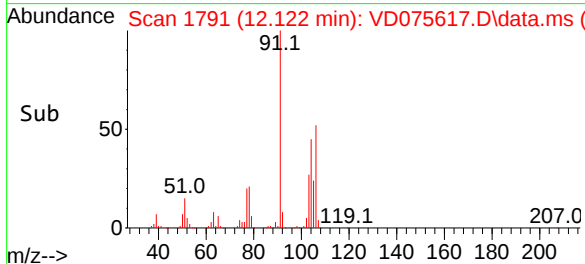
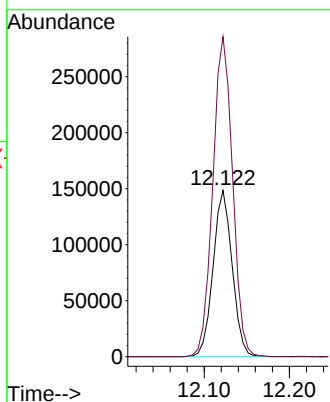
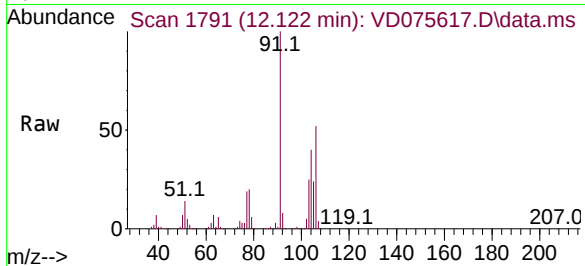




#69
o-Xylene
Concen: 54.845 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

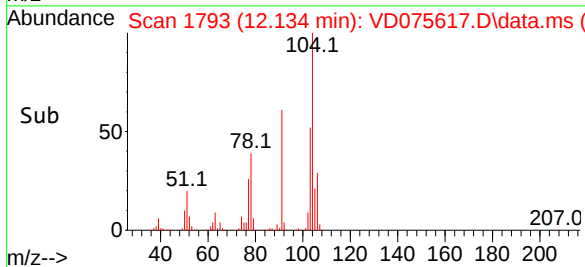
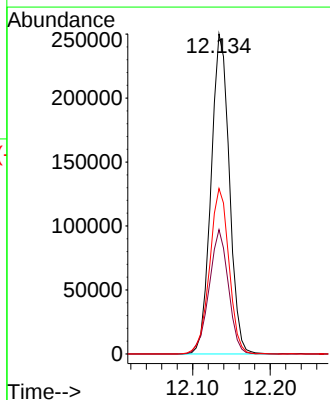
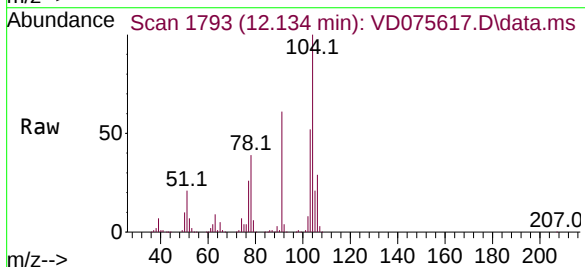
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

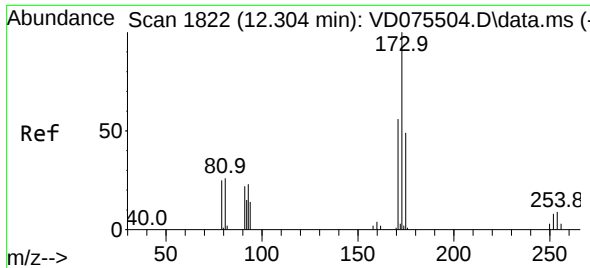
Tgt Ion:106 Resp: 231360
Ion Ratio Lower Upper
106 100
91 199.6 105.7 317.1



#70
Styrene
Concen: 56.568 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:104 Resp: 409239
Ion Ratio Lower Upper
104 100
78 40.9 40.2 60.4
103 54.8 44.2 66.2

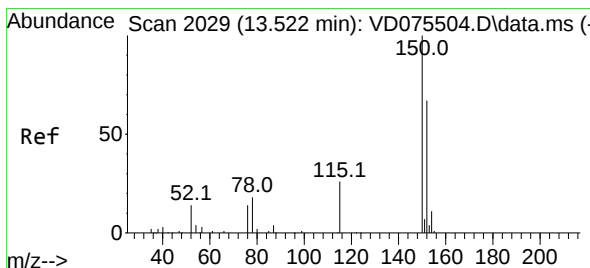
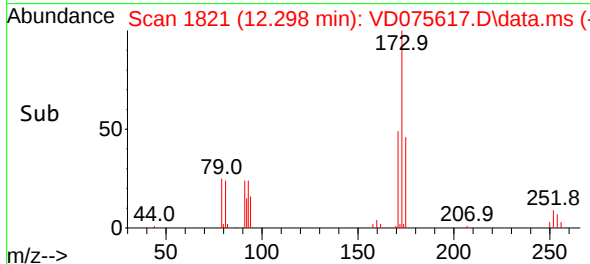
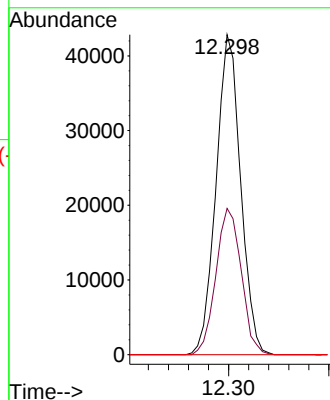
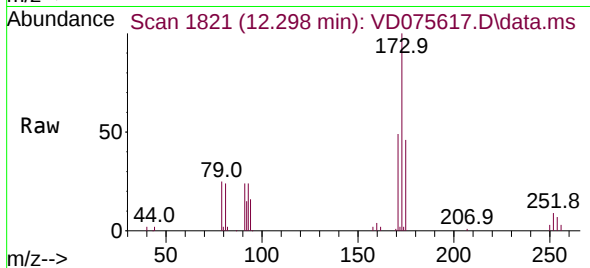




#71
Bromoform
Concen: 57.700 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

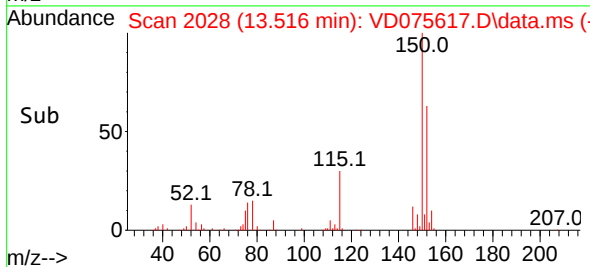
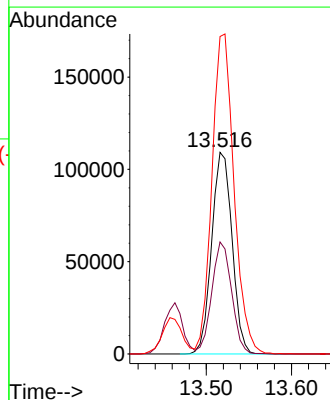
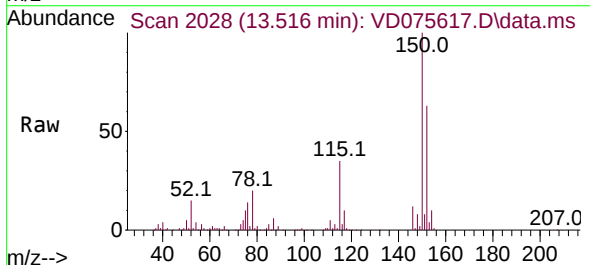
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

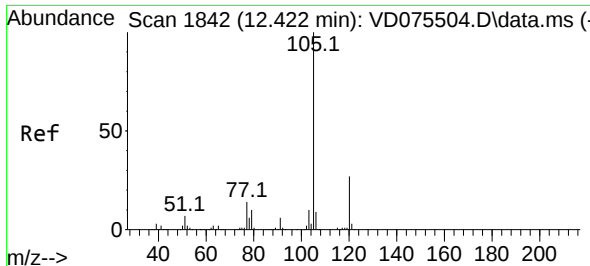
Tgt Ion:173 Resp: 72722
Ion Ratio Lower Upper
173 100
175 47.3 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:152 Resp: 181671
Ion Ratio Lower Upper
152 100
115 53.9 30.1 90.3
150 171.8 0.0 364.8

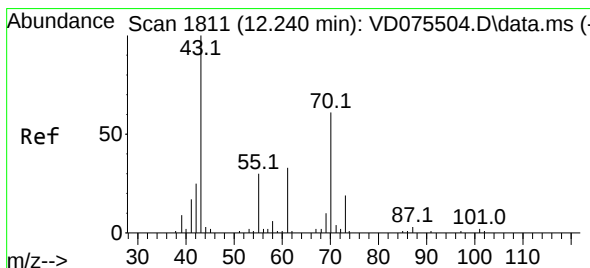
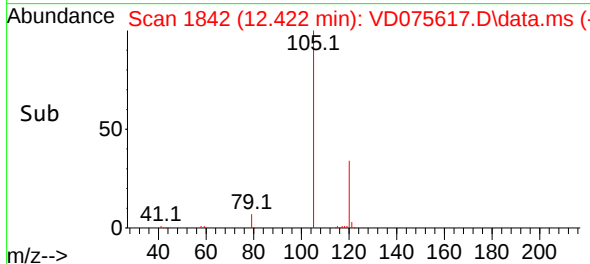
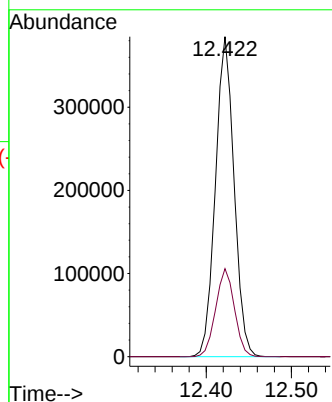
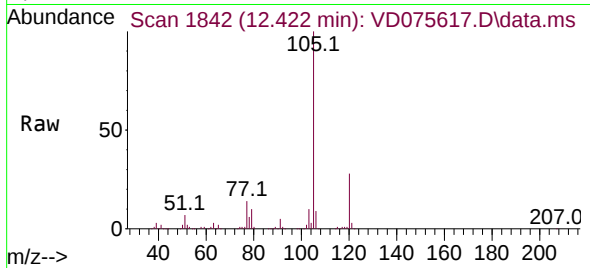




#73
Isopropylbenzene
Concen: 51.886 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

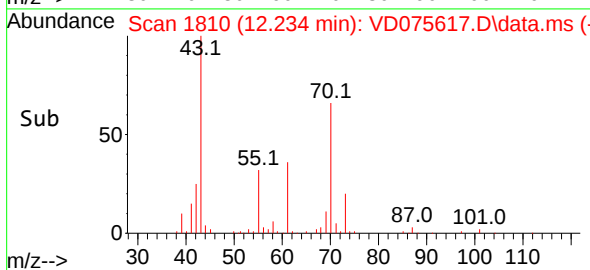
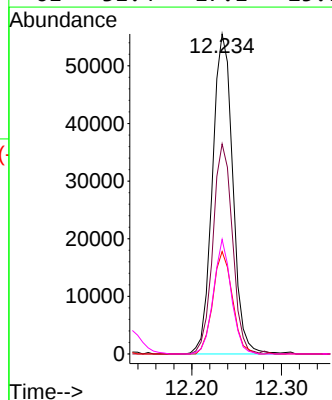
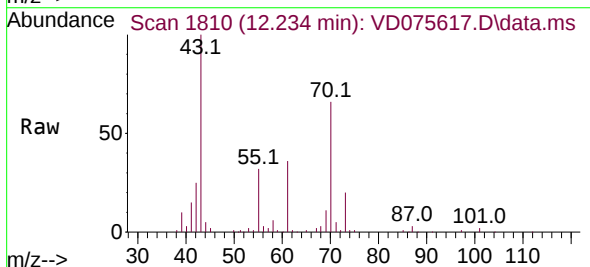
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

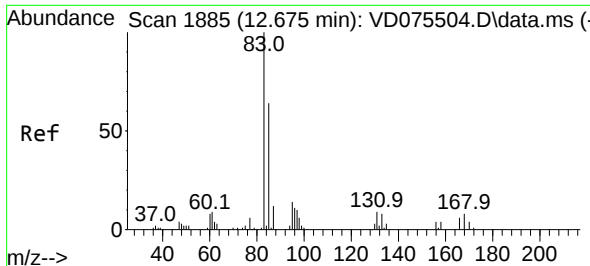
Tgt Ion:105 Resp: 584943
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 55.199 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 43 Resp: 87277
Ion Ratio Lower Upper
43 100
70 63.3 31.0 46.4#
55 30.7 18.6 28.0#
61 31.4 17.1 25.7#

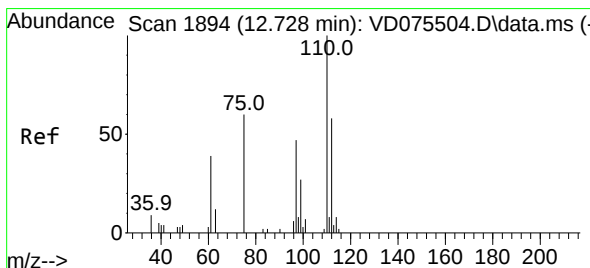
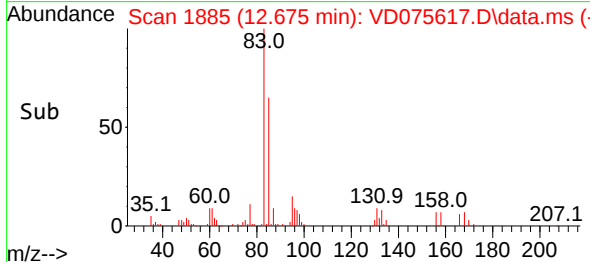
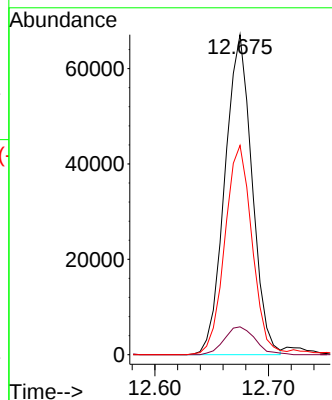
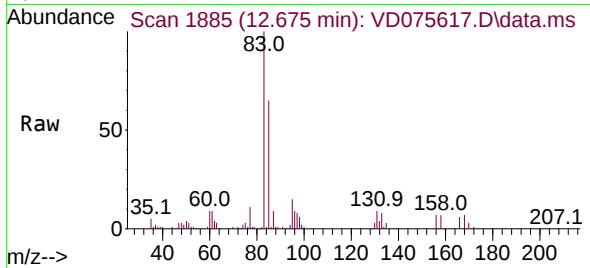




#75
1,1,2,2-Tetrachloroethane
Concen: 52.830 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

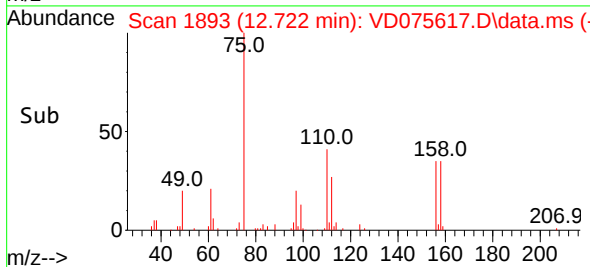
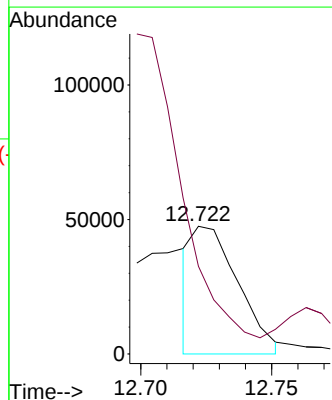
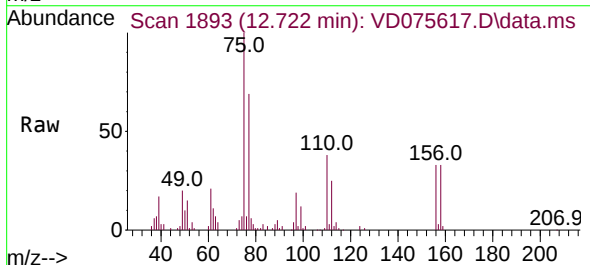
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

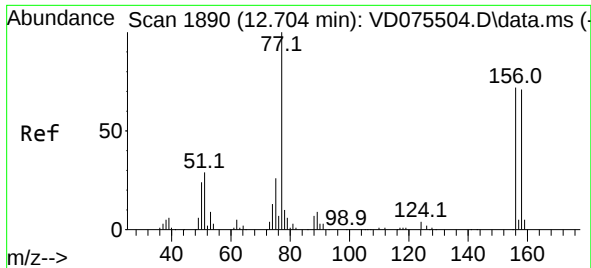
Tgt Ion: 83 Resp: 111403
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 65.6 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 40.575 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 75 Resp: 57689
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

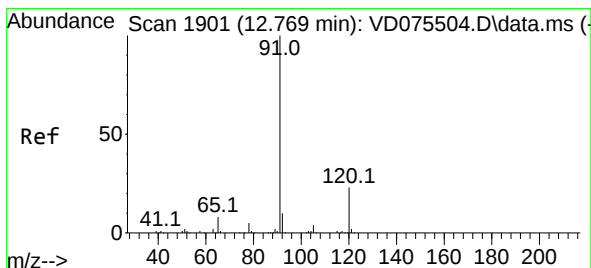
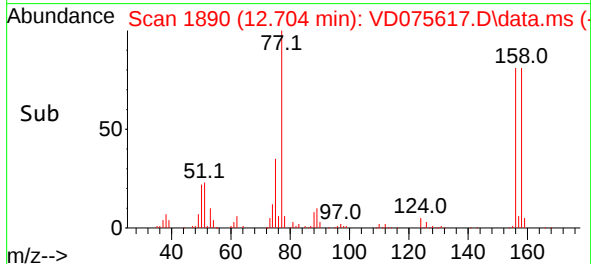
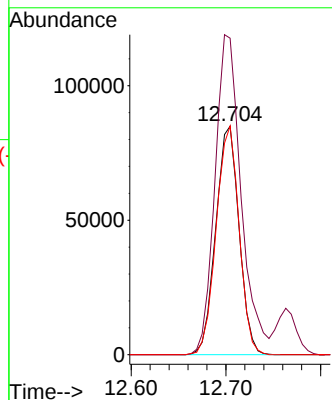
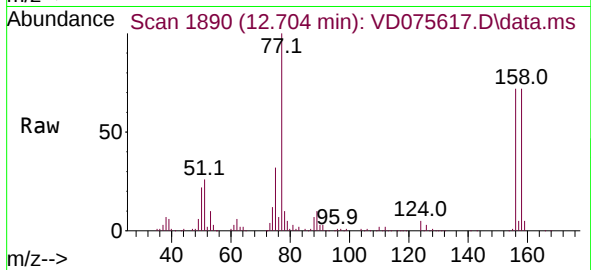




#77
Bromobenzene
Concen: 51.029 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

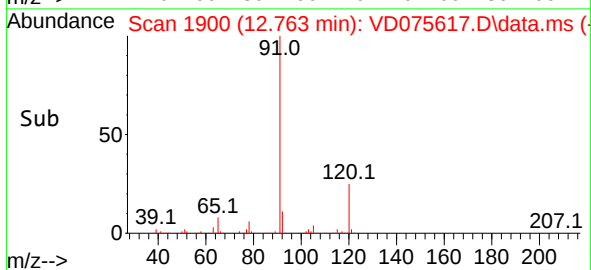
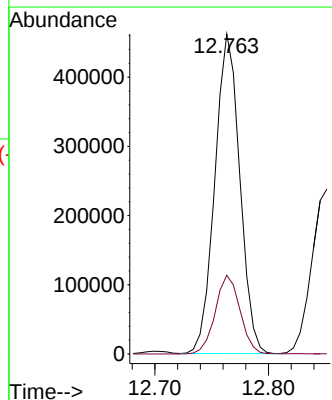
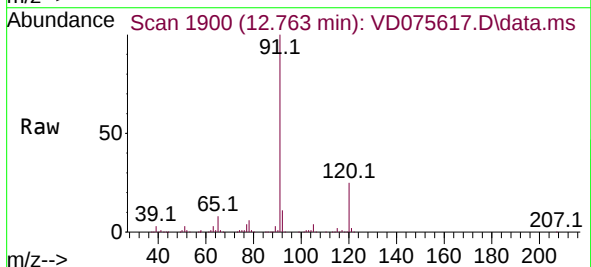
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

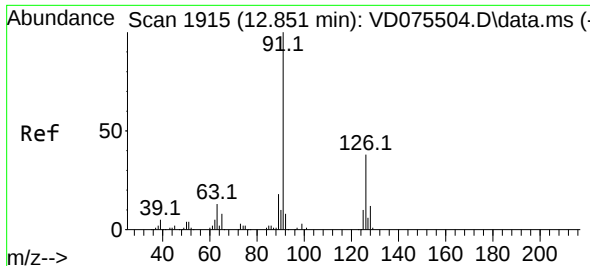
Tgt Ion:156 Resp: 145206
Ion Ratio Lower Upper
156 100
77 157.4 89.5 268.6
158 98.2 47.8 143.4



#78
n-propylbenzene
Concen: 51.926 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 91 Resp: 703845
Ion Ratio Lower Upper
91 100
120 24.4 11.4 34.2

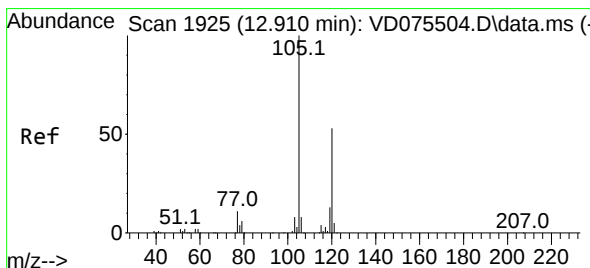
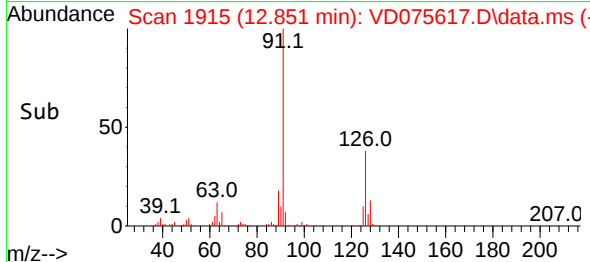
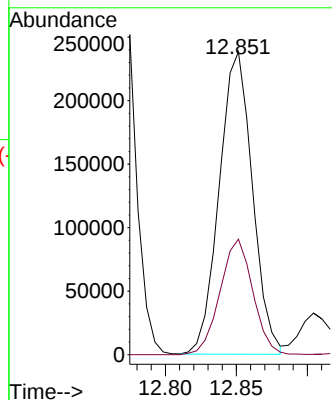
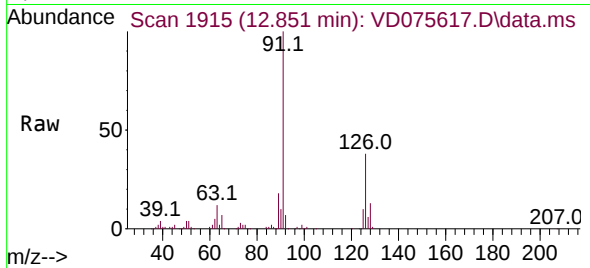




#79
2-Chlorotoluene
Concen: 51.602 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

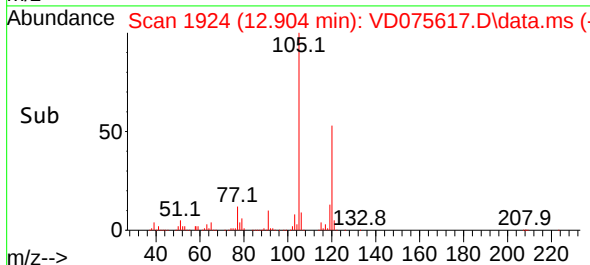
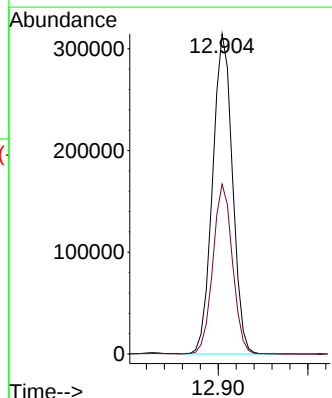
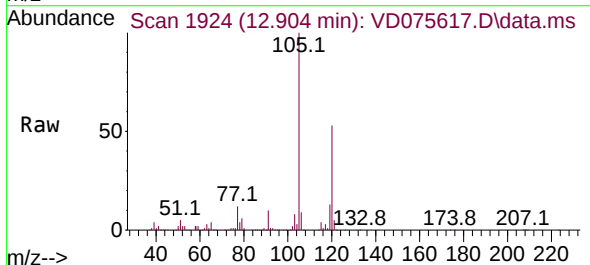
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

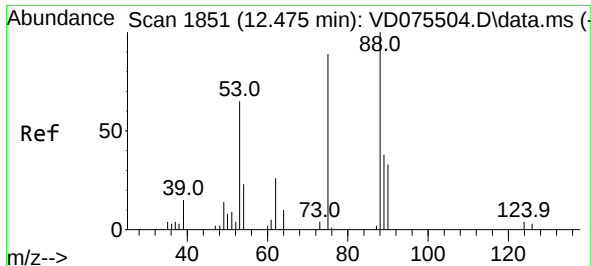
Tgt Ion: 91 Resp: 386848
Ion Ratio Lower Upper
91 100
126 37.7 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 52.345 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 105 Resp: 483294
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.8

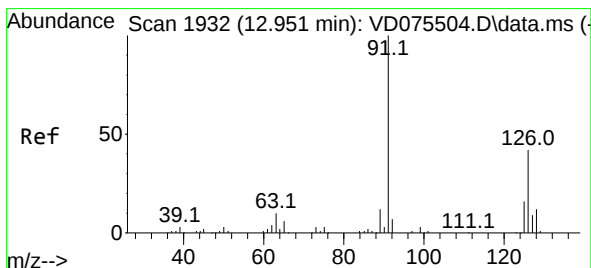
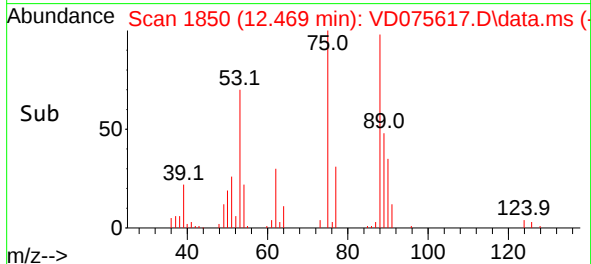
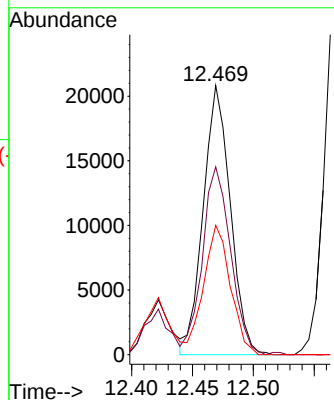
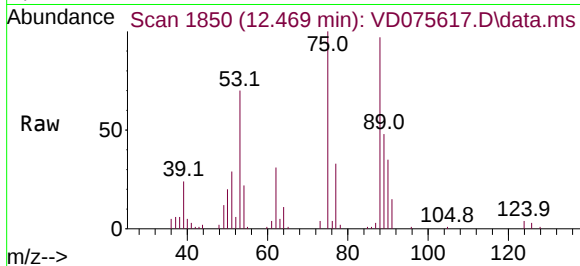




#81
trans-1,4-Dichloro-2-butene
Concen: 52.041 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

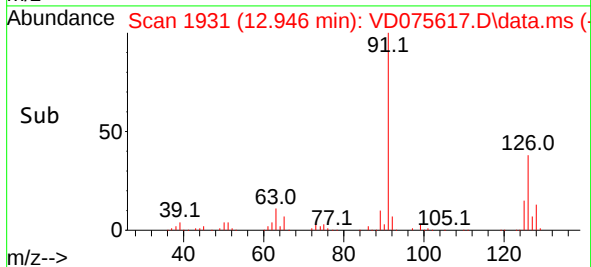
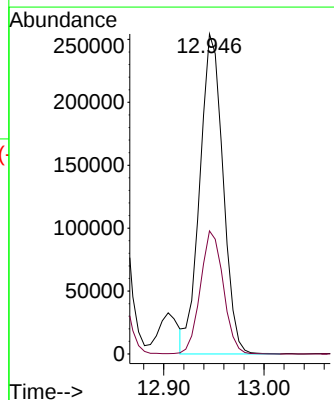
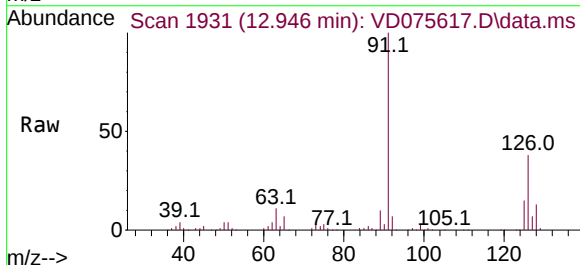
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

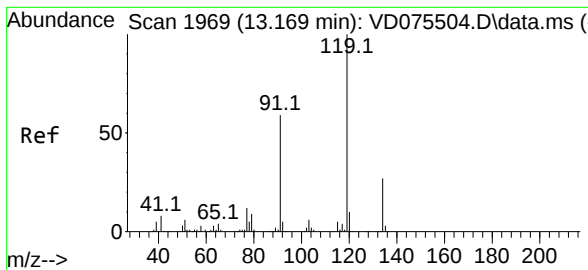
Tgt Ion: 75 Resp: 32284
Ion Ratio Lower Upper
75 100
53 72.7 90.5 135.7#
89 47.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 52.619 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 91 Resp: 409205
Ion Ratio Lower Upper
91 100
126 37.9 17.1 51.2

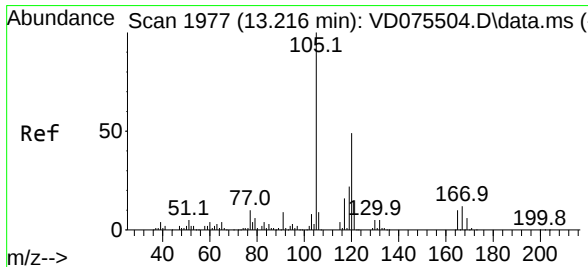
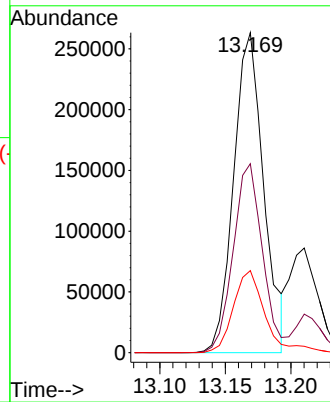
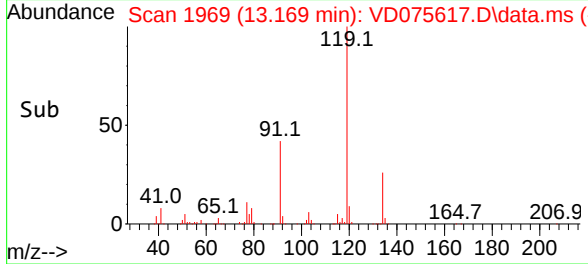
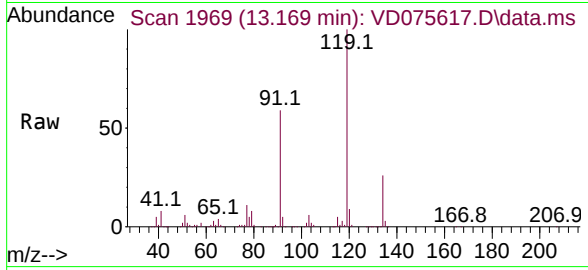




#83
 tert-Butylbenzene
 Concen: 52.350 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

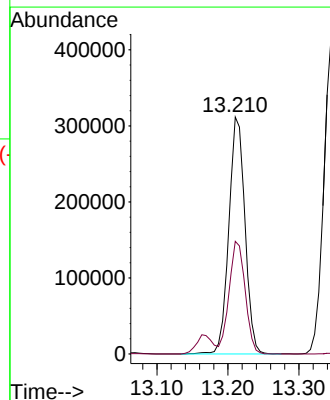
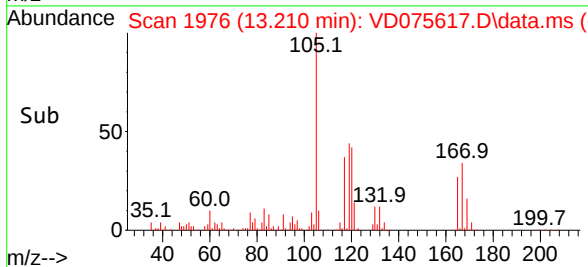
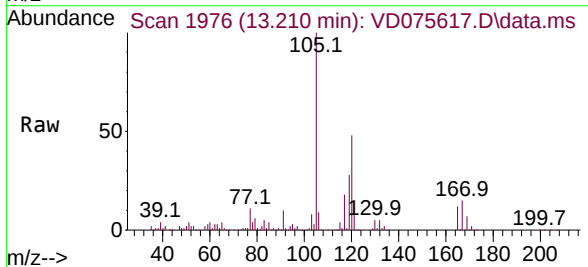
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

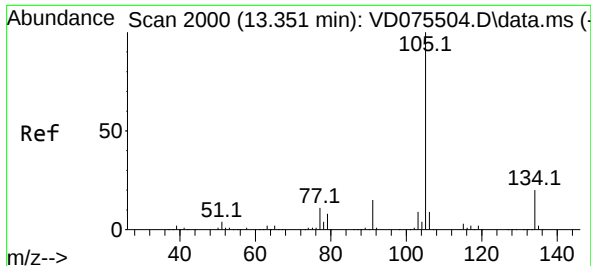
Tgt Ion:119 Resp: 419668
 Ion Ratio Lower Upper
 119 100
 91 57.1 32.4 97.0
 134 27.2 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.669 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion:105 Resp: 491072
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.3 66.9

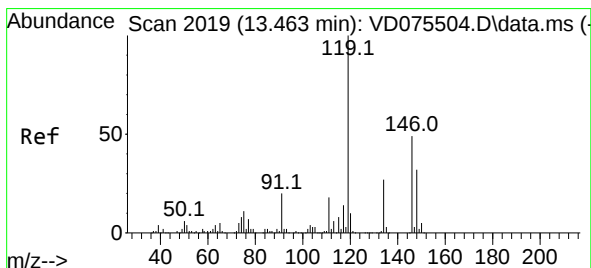
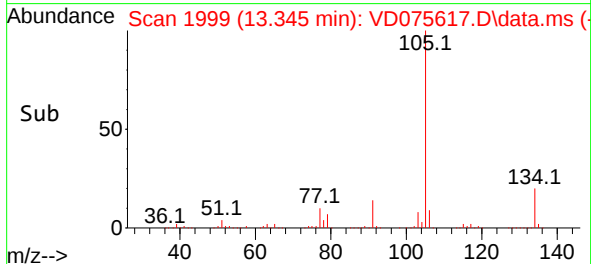
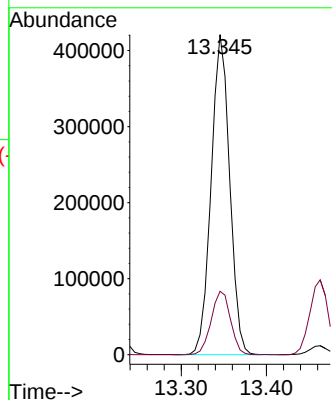
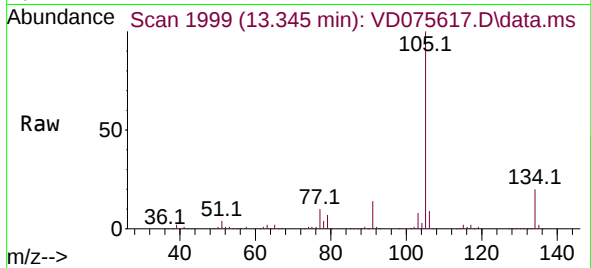




#85
 sec-Butylbenzene
 Concen: 51.866 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

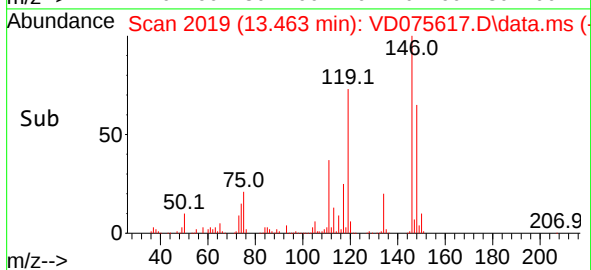
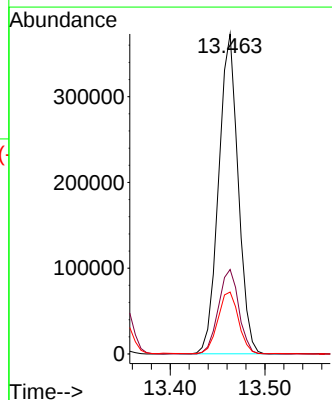
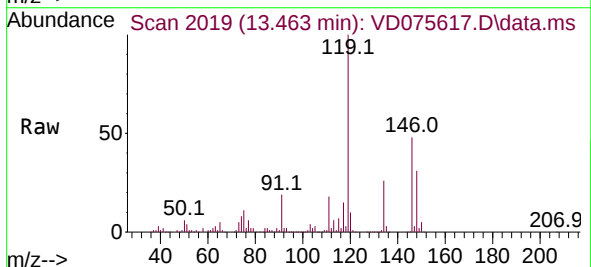
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

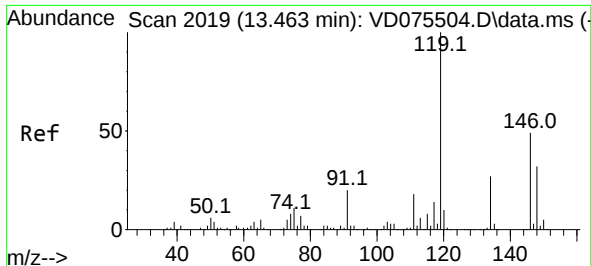
Tgt Ion:105 Resp: 635403
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 51.837 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion:119 Resp: 533817
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 20.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.013 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

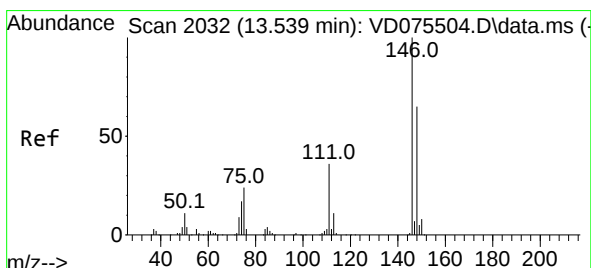
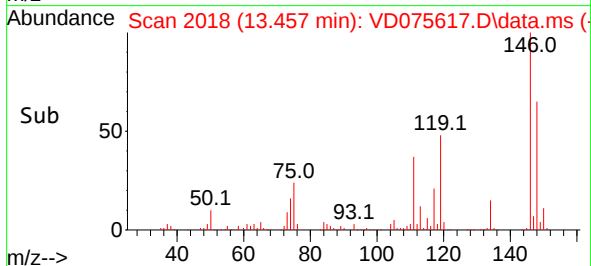
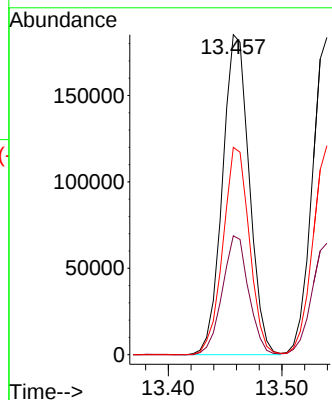
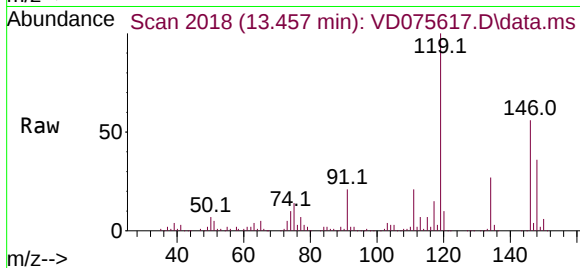
Tgt Ion:146 Resp: 303125

Ion Ratio Lower Upper

146 100

111 36.5 19.8 59.3

148 64.0 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 50.132 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

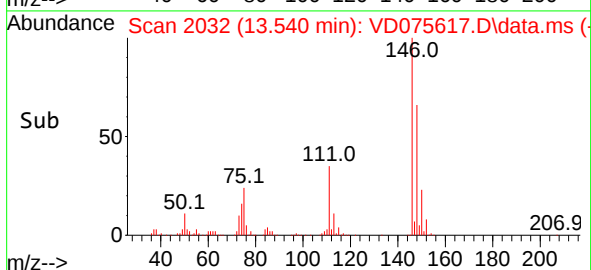
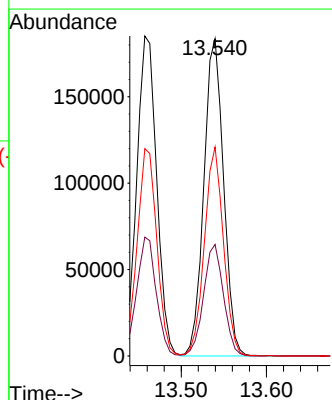
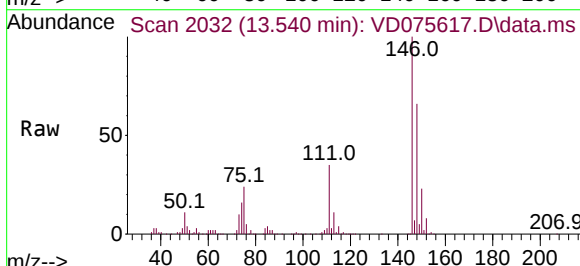
Tgt Ion:146 Resp: 294610

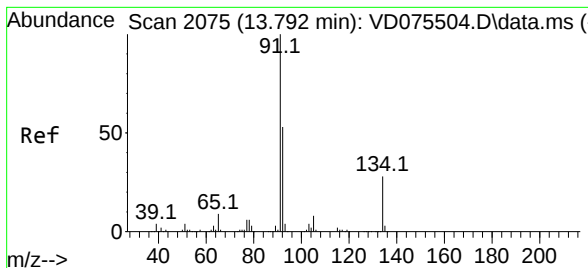
Ion Ratio Lower Upper

146 100

111 35.6 19.6 58.8

148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 51.823 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

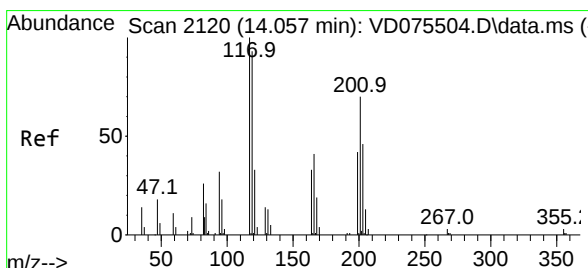
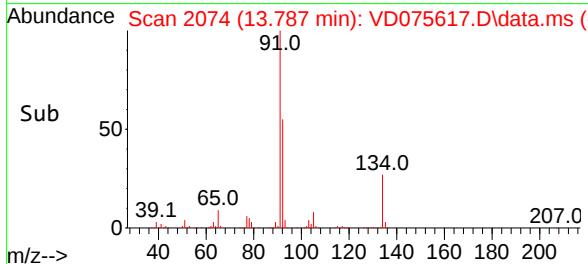
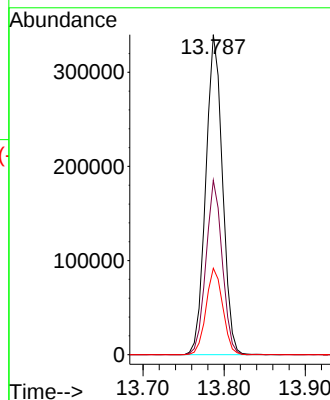
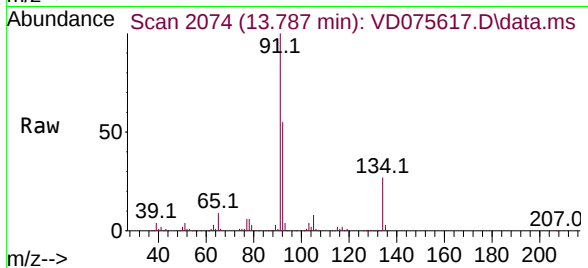
Tgt Ion: 91 Resp: 485222

Ion Ratio Lower Upper

91 100

92 53.1 26.2 78.5

134 26.9 12.7 38.0



#90

Hexachloroethane

Concen: 51.084 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD075617.D

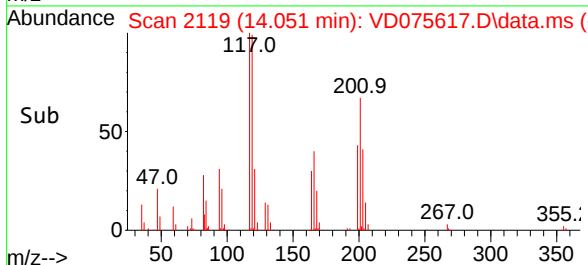
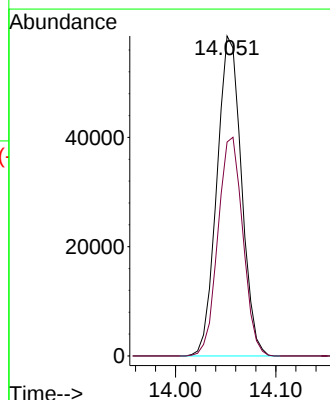
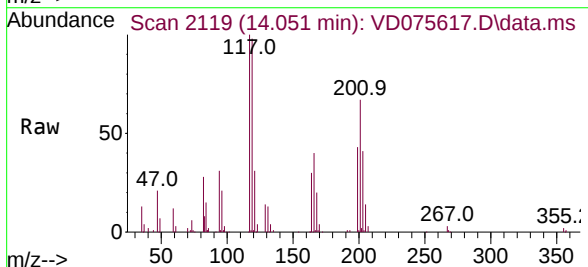
Acq: 10 Apr 2023 20:20

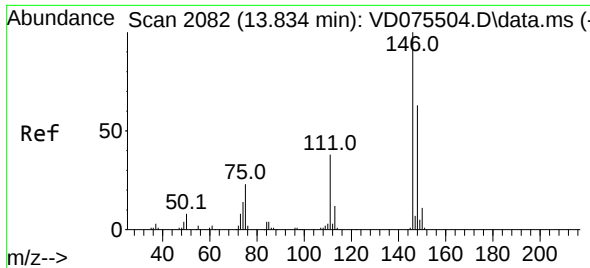
Tgt Ion: 117 Resp: 99511

Ion Ratio Lower Upper

117 100

201 69.2 34.5 103.6

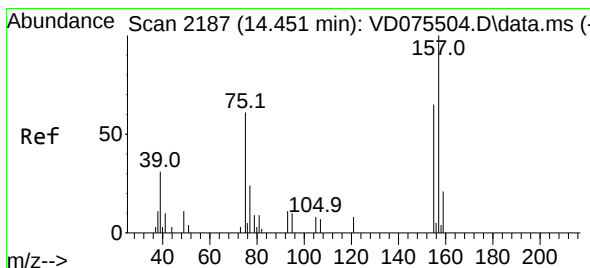
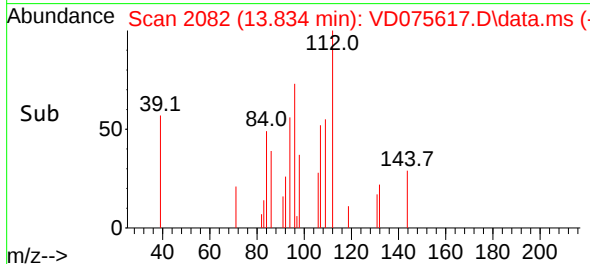
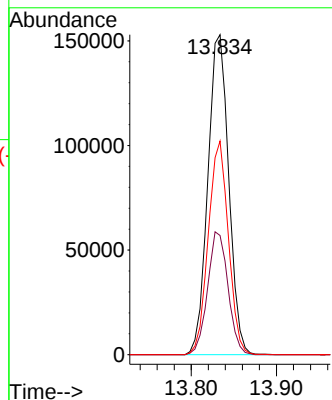
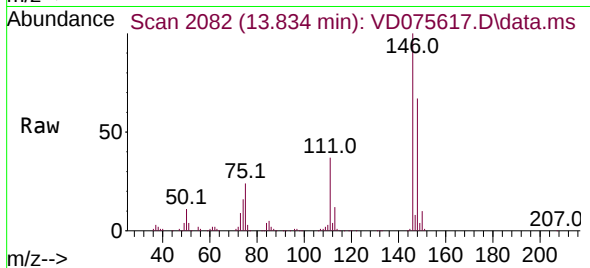




#91
1,2-Dichlorobenzene
Concen: 50.787 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

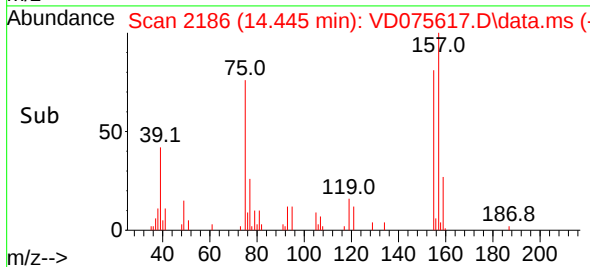
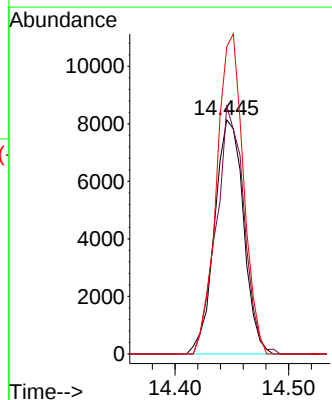
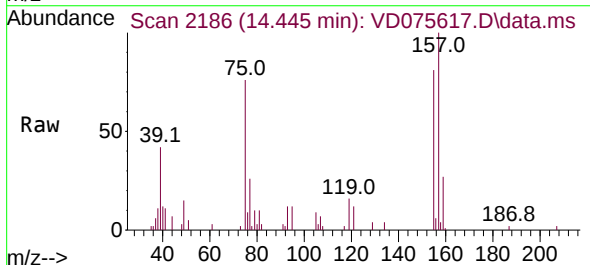
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

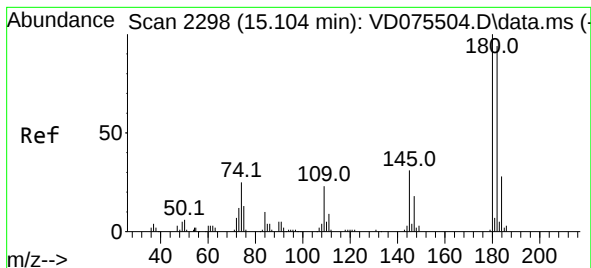
Tgt Ion:146 Resp: 260129
Ion Ratio Lower Upper
146 100
111 37.5 20.6 61.8
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.432 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 75 Resp: 14358
Ion Ratio Lower Upper
75 100
155 101.2 39.5 118.5
157 126.8 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 54.303 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

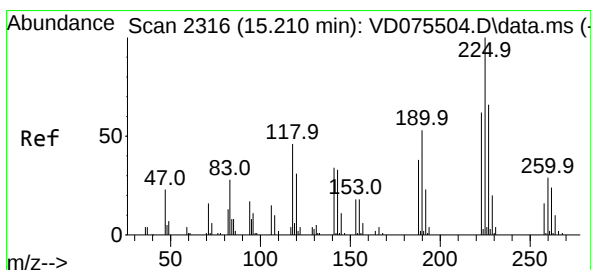
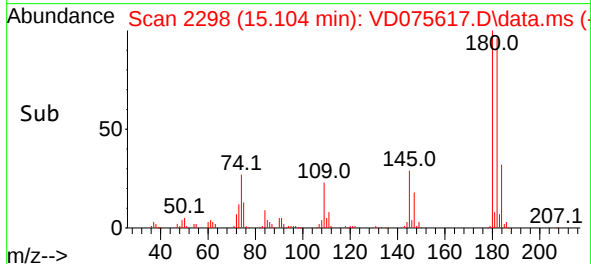
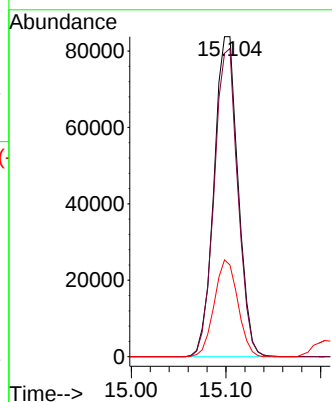
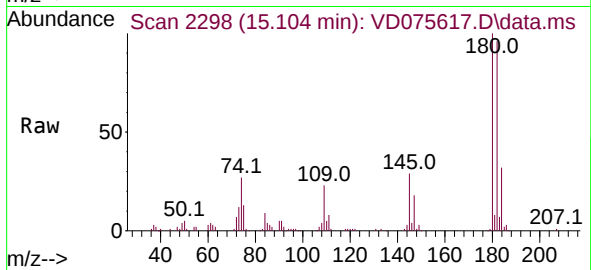
Tgt Ion:180 Resp: 147520

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 29.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 51.215 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

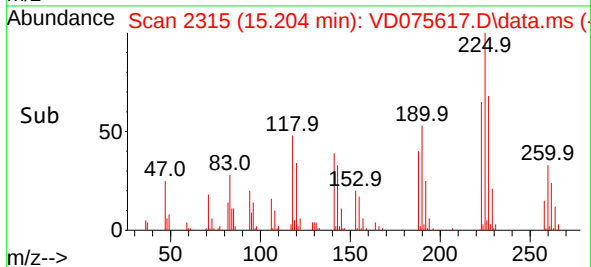
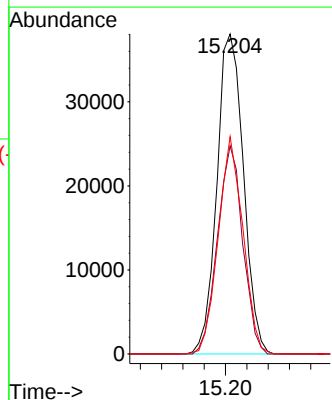
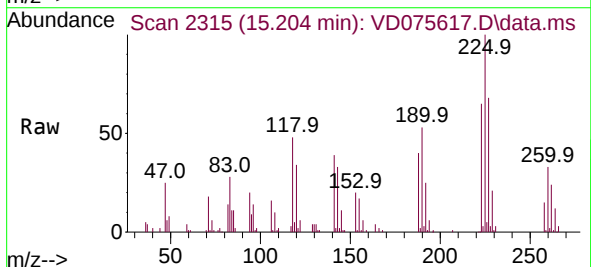
Tgt Ion:225 Resp: 65904

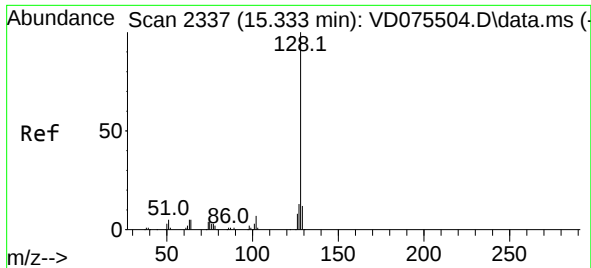
Ion Ratio Lower Upper

225 100

223 61.9 33.1 99.2

227 63.1 31.9 95.9

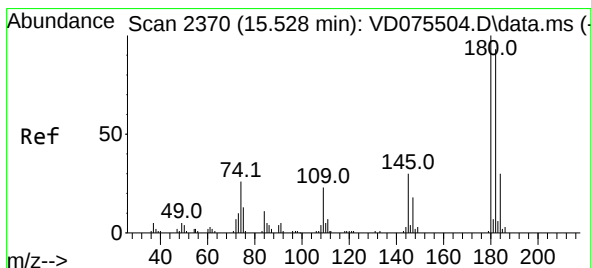
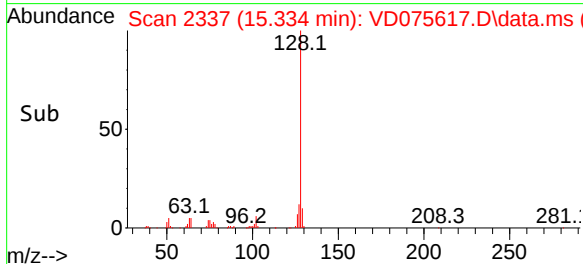
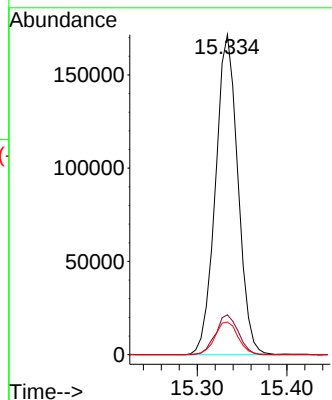
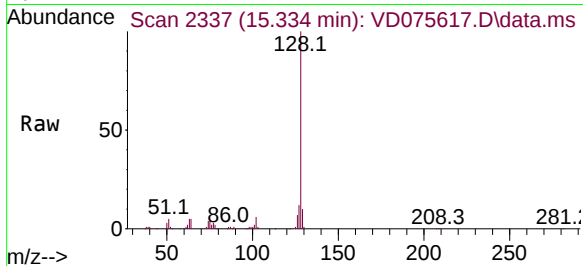




#95
Naphthalene
Concen: 57.733 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

Tgt Ion:128 Resp: 297796
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.355 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:180 Resp: 130829
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 30.9 16.4 49.4

