

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075091.D
 Acq On : 09 Jan 2023 13:54
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 10 03:02:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	142677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91924	90.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.280%#	
35) Dibromofluoromethane	7.810	113	98057	93.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 186.600%#	
50) Toluene-d8	10.269	98	368632	88.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 176.920%#	
62) 4-Bromofluorobenzene	12.575	95	118331	88.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 176.940%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	44325	80.992	ug/l	98
3) Chloromethane	2.146	50	65748	76.564	ug/l	96
4) Vinyl Chloride	2.281	62	81670	87.281	ug/l	99
5) Bromomethane	2.681	94	50617	80.393	ug/l	99
6) Chloroethane	2.834	64	61504	87.347	ug/l	96
7) Trichlorofluoromethane	3.175	101	123755	92.826	ug/l	95
8) Diethyl Ether	3.593	74	44203	95.532	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	86003	92.982	ug/l	98
10) Methyl Iodide	4.169	142	94288	100.977	ug/l	98
11) Tert butyl alcohol	5.058	59	29008	497.869	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	77620	90.492	ug/l	93
13) Acrolein	3.799	56	38398	416.132	ug/l	97
14) Allyl chloride	4.564	41	136762	93.136	ug/l	99
15) Acrylonitrile	5.258	53	111834	468.854	ug/l	99
16) Acetone	4.022	43	120912	503.159	ug/l	100
17) Carbon Disulfide	4.275	76	136234	81.126	ug/l	99
18) Methyl Acetate	4.564	43	56930	79.496	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	210068	93.507	ug/l	99
20) Methylene Chloride	4.799	84	99002	58.043	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	81460	86.611	ug/l	94
22) Diisopropyl ether	6.222	45	289365	92.068	ug/l	98
23) Vinyl Acetate	6.158	43	440301	452.711	ug/l	99
24) 1,1-Dichloroethane	6.116	63	175135	92.662	ug/l	98
25) 2-Butanone	7.081	43	149601	469.969	ug/l	97
26) 2,2-Dichloropropane	7.075	77	155559	91.770	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	109464	92.184	ug/l	99
28) Bromochloromethane	7.428	49	60092	91.666	ug/l	98
29) Tetrahydrofuran	7.446	42	82838	462.571	ug/l	98
30) Chloroform	7.599	83	175575	91.672	ug/l	99
31) Cyclohexane	7.875	56	118297	79.014	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	149613	91.040	ug/l	98
36) 1,1-Dichloropropene	8.010	75	117864	90.642	ug/l	98
37) Ethyl Acetate	7.169	43	62169	85.573	ug/l	98
38) Carbon Tetrachloride	7.993	117	111868	98.197	ug/l	100
39) Methylcyclohexane	9.275	83	134279	89.282	ug/l	98
40) Benzene	8.252	78	351484	90.597	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	34754	82.403	ug/l	92
42) 1,2-Dichloroethane	8.328	62	100513	92.447	ug/l	98
43) Isopropyl Acetate	8.363	43	118985	95.088	ug/l	99
44) Trichloroethene	9.028	130	99807	89.508	ug/l	93
45) 1,2-Dichloropropane	9.305	63	98233	92.922	ug/l	100
46) Dibromomethane	9.393	93	49715	93.050	ug/l	98
47) Bromodichloromethane	9.587	83	132411	94.903	ug/l	95
48) Methyl methacrylate	9.381	41	52862	93.760	ug/l	97
49) 1,4-Dioxane	9.381	88	11371	1954.250	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	302072	478.061	ug/l	99
52) Toluene	10.334	92	222837	88.596	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	125320	98.277	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	147315	94.321	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	73121	93.968	ug/l	98
56) Ethyl methacrylate	10.599	69	89215	94.916	ug/l	97
57) 1,3-Dichloropropane	10.881	76	121022	93.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	171697	483.847	ug/l	97
59) 2-Hexanone	10.922	43	213914	483.979	ug/l	100
60) Dibromochloromethane	11.075	129	89016	96.612	ug/l	99
61) 1,2-Dibromoethane	11.181	107	65291	92.413	ug/l	98
64) Tetrachloroethene	10.816	164	81706	89.303	ug/l	97
65) Chlorobenzene	11.610	112	247930	92.322	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.687	131	91060	95.960	ug/l	99
67) Ethyl Benzene	11.687	91	445855	93.237	ug/l	99
68) m/p-Xylenes	11.798	106	335172	181.839	ug/l	99
69) o-Xylene	12.122	106	162706	91.079	ug/l	99
70) Styrene	12.140	104	275464	92.262	ug/l	99
71) Bromoform	12.304	173	50945	99.886	ug/l #	98
73) Isopropylbenzene	12.422	105	444650	95.842	ug/l	100
74) N-amyl acetate	12.234	43	105553	100.164	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	78748	99.039	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	98675	151.960	ug/l #	1
77) Bromobenzene	12.704	156	99178	97.649	ug/l	97
78) n-propylbenzene	12.763	91	532279	95.661	ug/l	100
79) 2-Chlorotoluene	12.851	91	291364	95.281	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	356788	94.795	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21870	98.099	ug/l	96
82) 4-Chlorotoluene	12.951	91	297974	95.128	ug/l	99
83) tert-Butylbenzene	13.169	119	319235	96.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	350072	96.241	ug/l	99
85) sec-Butylbenzene	13.345	105	484239	96.209	ug/l	100
86) p-Isopropyltoluene	13.463	119	394035	96.918	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	193007	95.443	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	190823	93.318	ug/l	100
89) n-Butylbenzene	13.793	91	385157	96.326	ug/l	99
90) Hexachloroethane	14.057	117	71868	101.412	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	172458	95.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12139	94.935	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	118399	101.165	ug/l	99
94) Hexachlorobutadiene	15.210	225	59595	102.146	ug/l	98
95) Naphthalene	15.334	128	236189	102.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	102318	101.210	ug/l	99

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ClientSampleId :
VSTDICC100

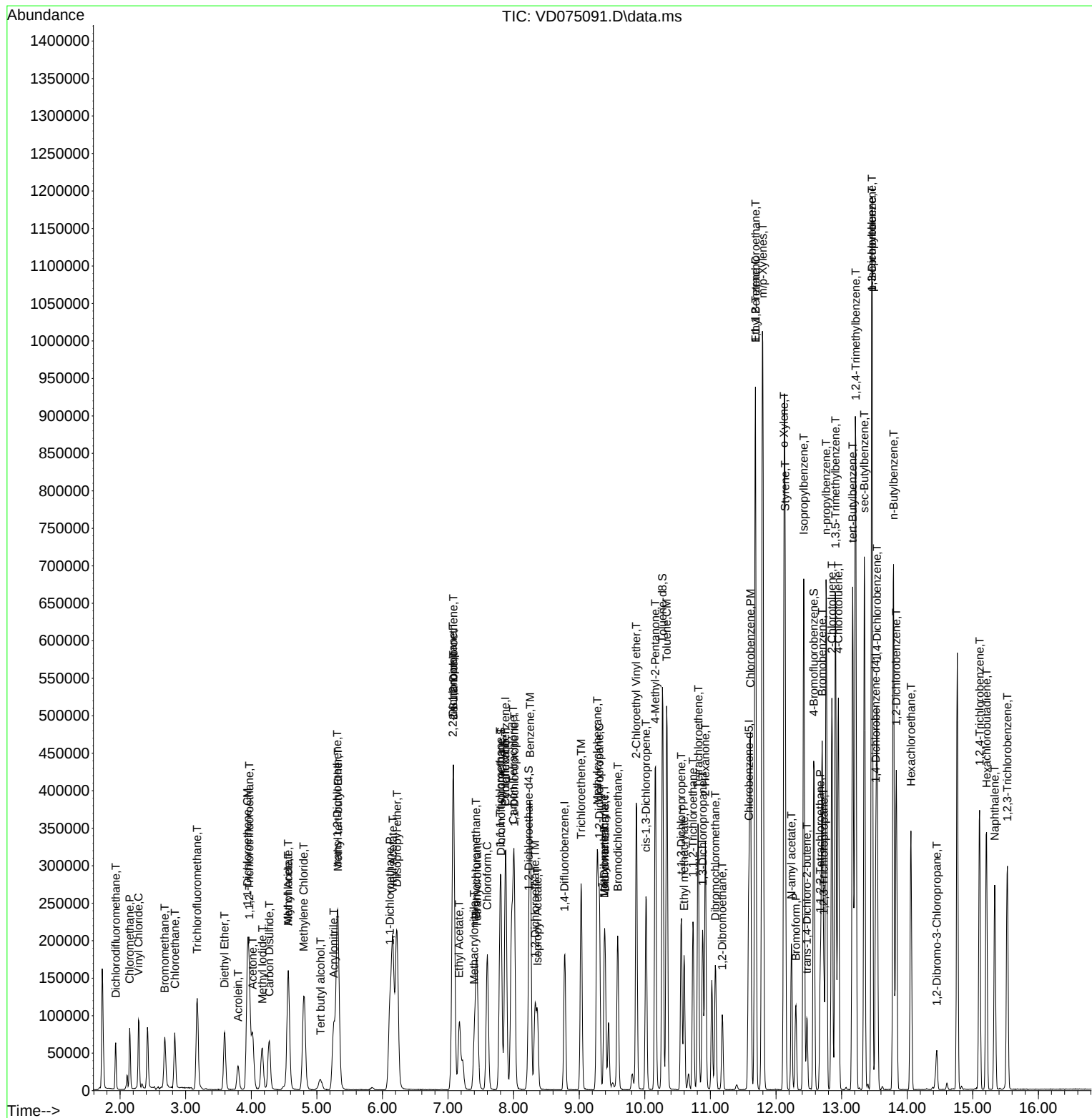
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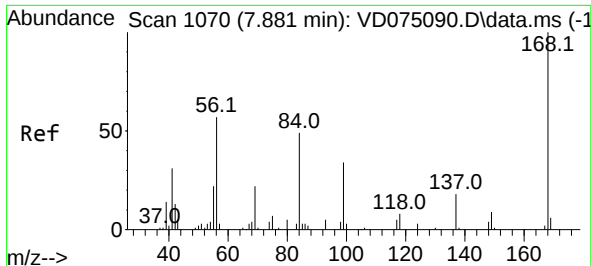
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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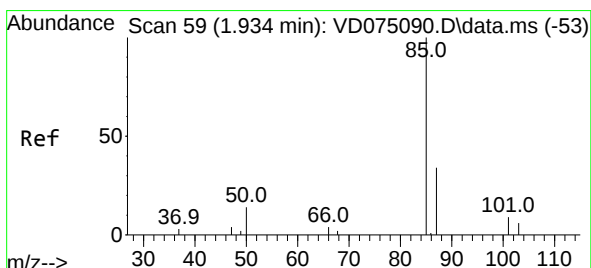
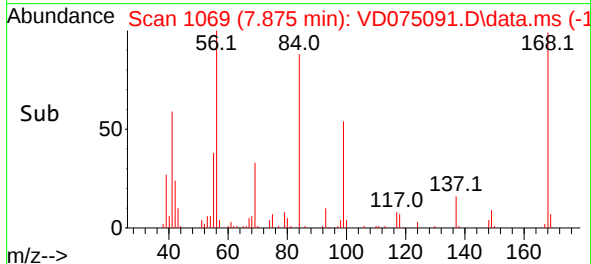
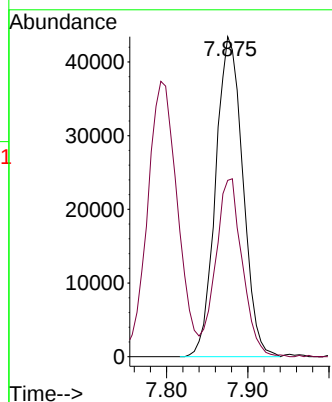
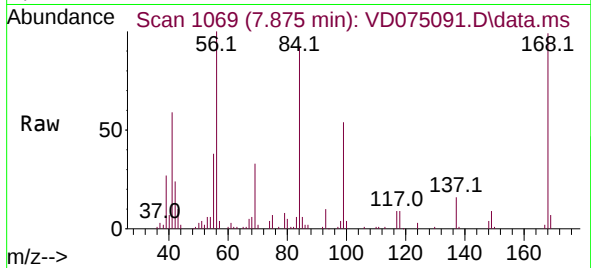




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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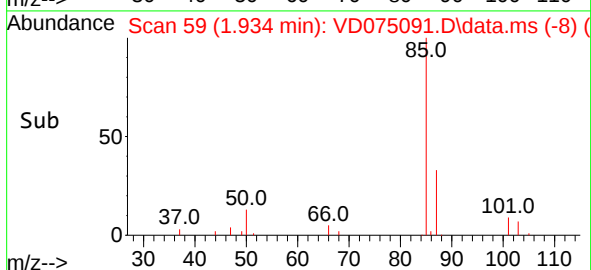
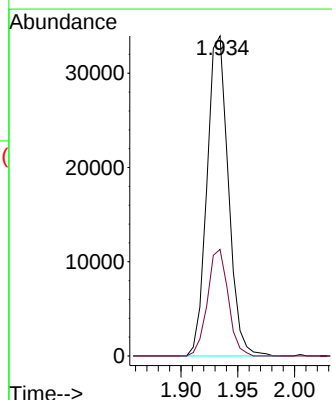
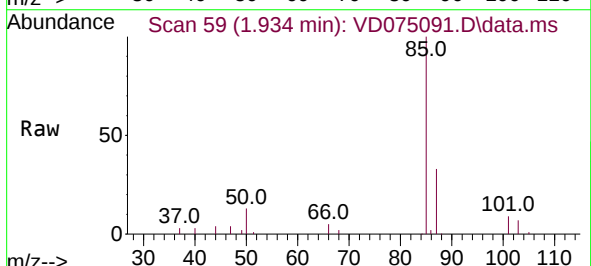
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

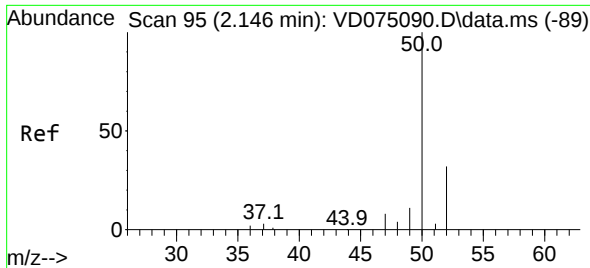
Tgt Ion:168 Resp: 101161
Ion Ratio Lower Upper
168 100
99 54.6 43.2 64.8



#2
Dichlorodifluoromethane
Concen: 80.992 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 85 Resp: 44325
Ion Ratio Lower Upper
85 100
87 33.3 17.2 51.6

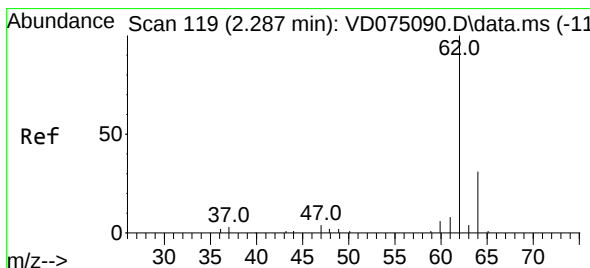
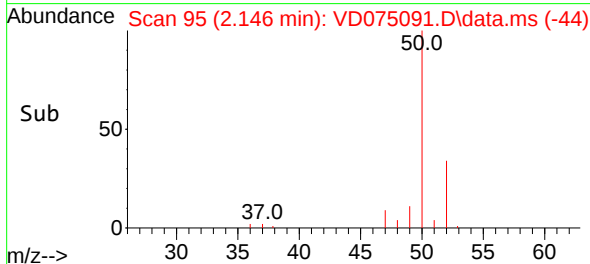
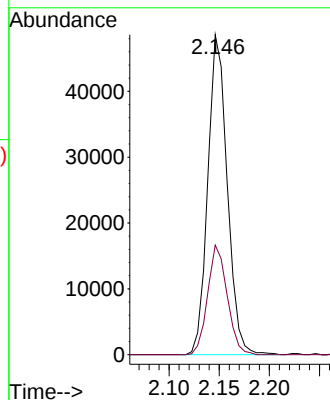
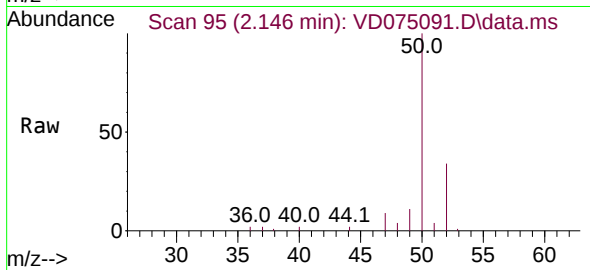




#3
Chloromethane
Concen: 76.564 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

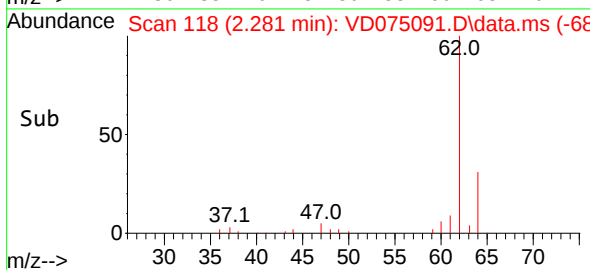
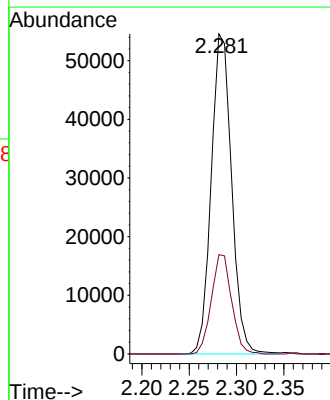
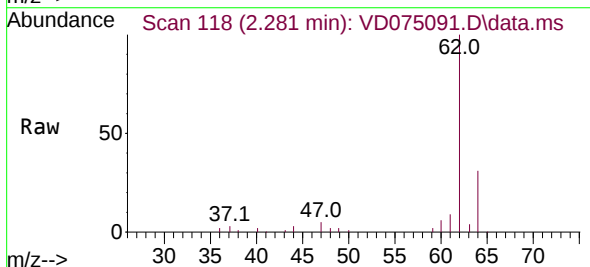
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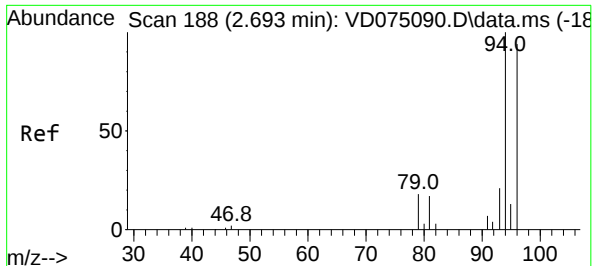
Tgt Ion: 50 Resp: 65748
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5



#4
Vinyl Chloride
Concen: 87.281 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 62 Resp: 81670
Ion Ratio Lower Upper
62 100
64 31.0 24.5 36.7

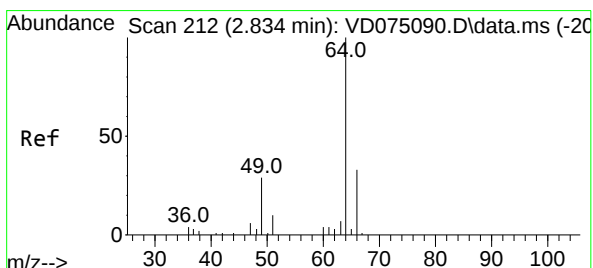
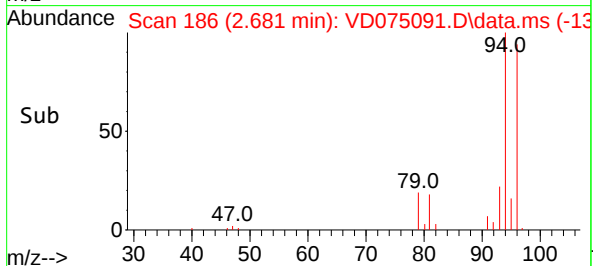
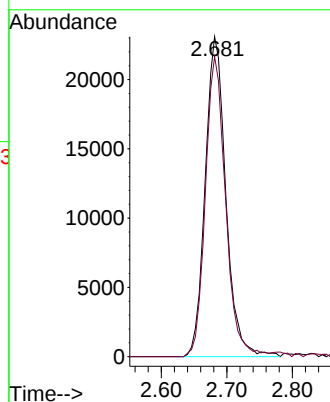
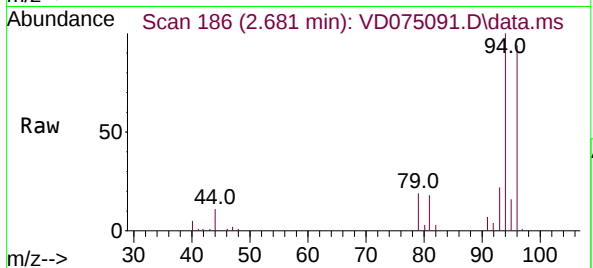




#5
Bromomethane
Concen: 80.393 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

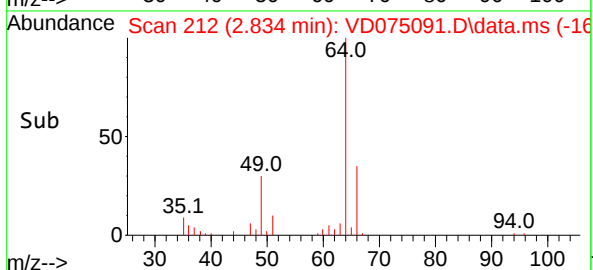
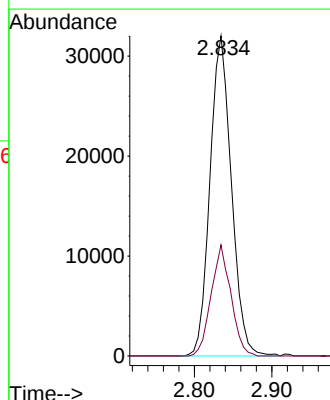
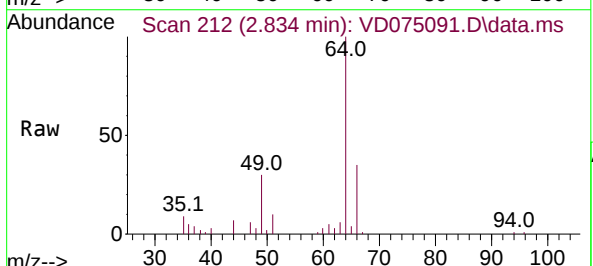
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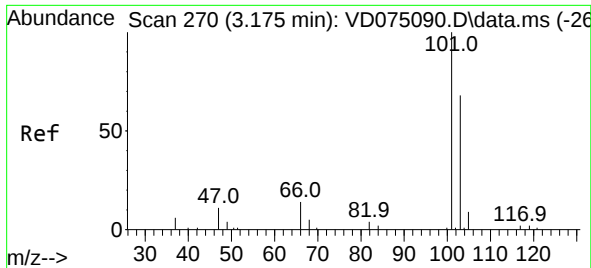
Tgt Ion: 94 Resp: 50617
Ion Ratio Lower Upper
94 100
96 91.7 72.5 108.7



#6
Chloroethane
Concen: 87.347 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 64 Resp: 61504
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.2

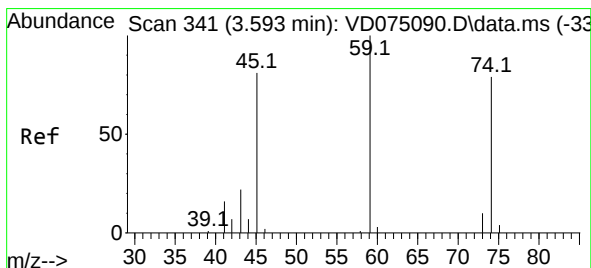
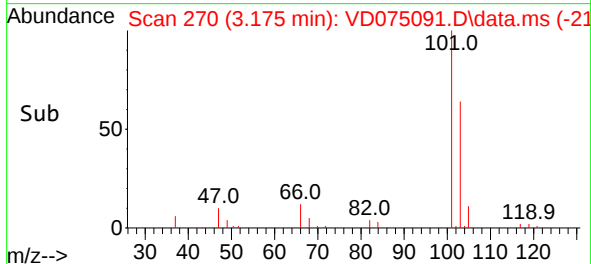
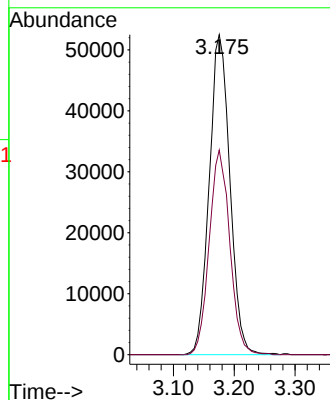
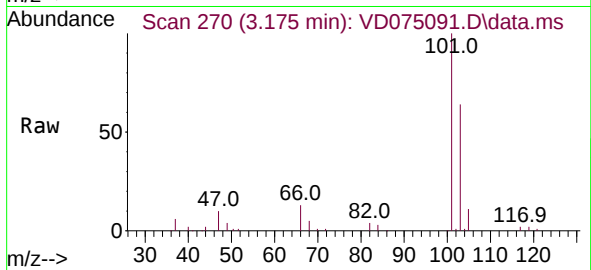




#7
 Trichlorofluoromethane
 Concen: 92.826 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075091.D
 Acq: 09 Jan 2023 13:54

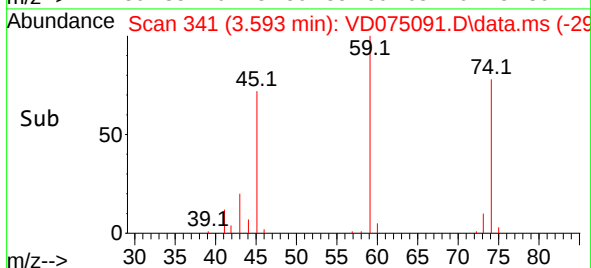
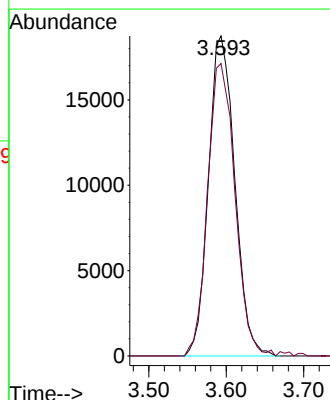
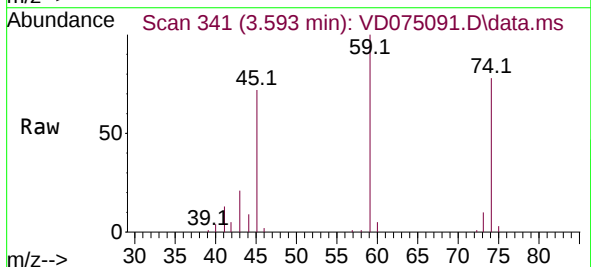
Instrument :
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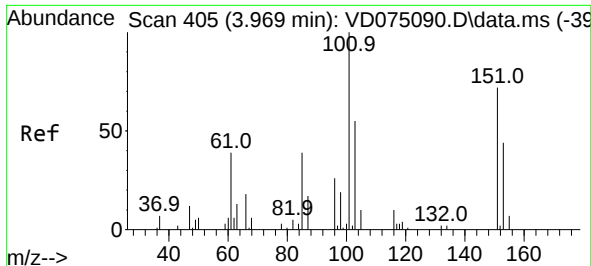
Tgt Ion:101 Resp: 123755
 Ion Ratio Lower Upper
 101 100
 103 63.9 54.6 82.0



#8
 Diethyl Ether
 Concen: 95.532 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 44203
 Ion Ratio Lower Upper
 74 100
 45 94.9 48.1 144.4

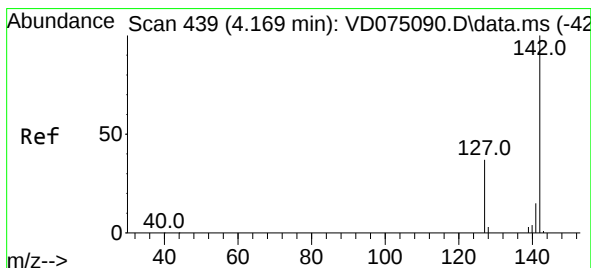
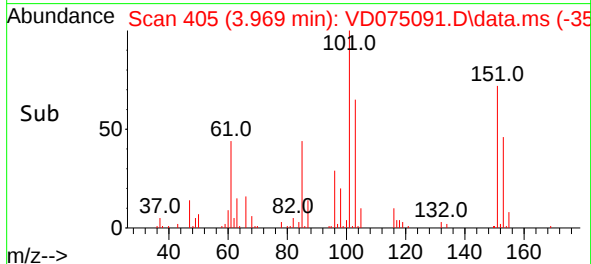
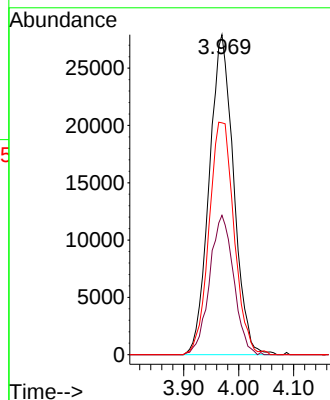
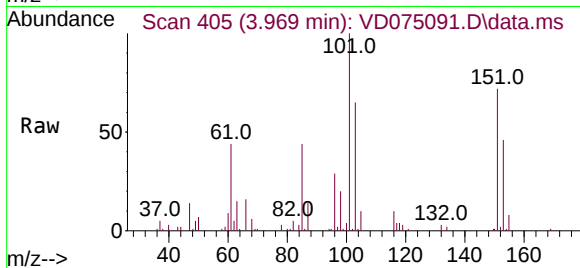




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.982 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

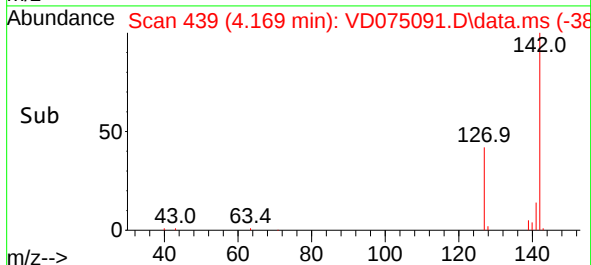
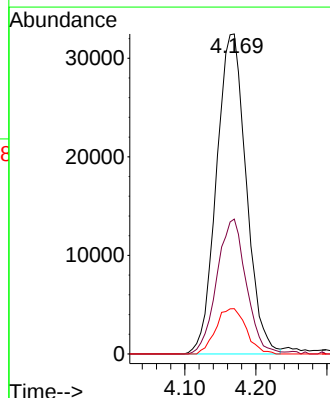
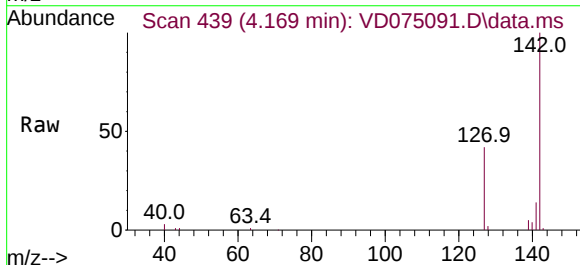
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

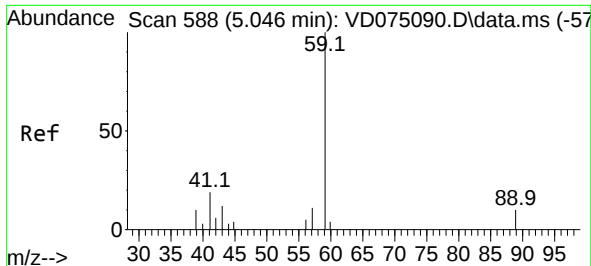
Tgt Ion:101 Resp: 86003
Ion Ratio Lower Upper
101 100
85 43.0 34.8 52.2
151 74.6 61.8 92.6



#10
Methyl Iodide
Concen: 100.977 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion:142 Resp: 94288
Ion Ratio Lower Upper
142 100
127 41.7 32.2 48.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 497.869 ug/l

RT: 5.058 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

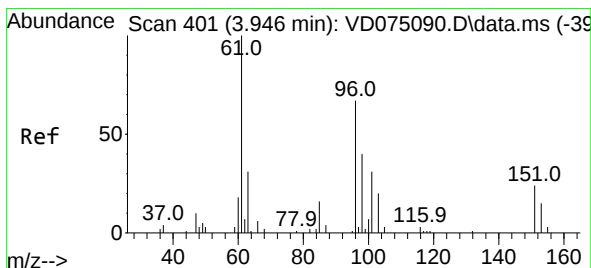
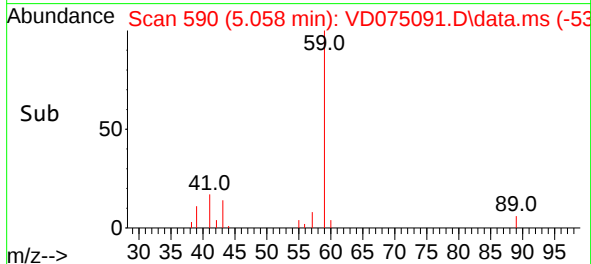
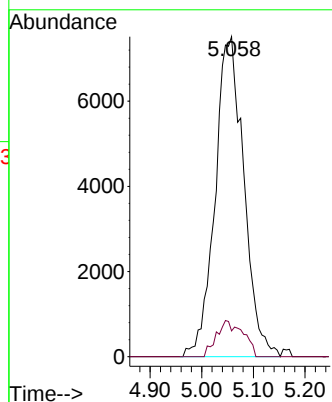
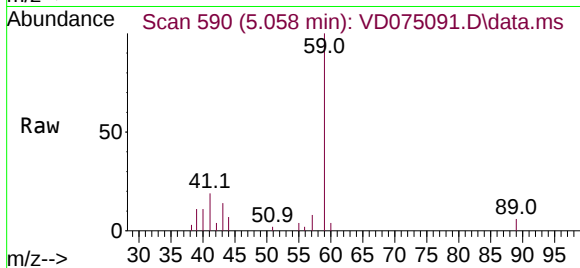
VSTDICC100

Tgt Ion: 59 Resp: 29008

Ion Ratio Lower Upper

59 100

57 10.4 6.1 9.1#



#12

1,1-Dichloroethene

Concen: 90.492 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

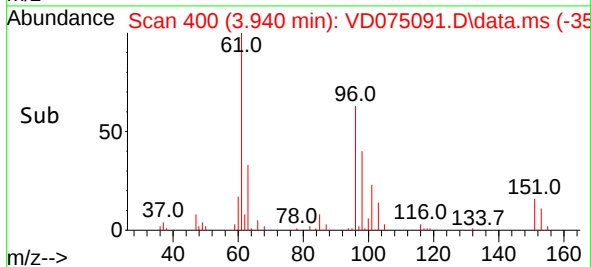
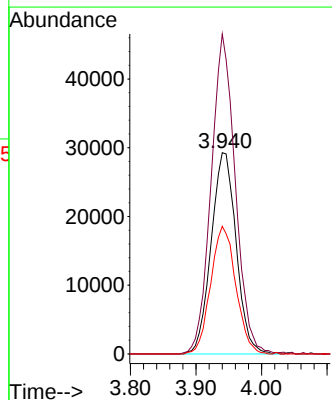
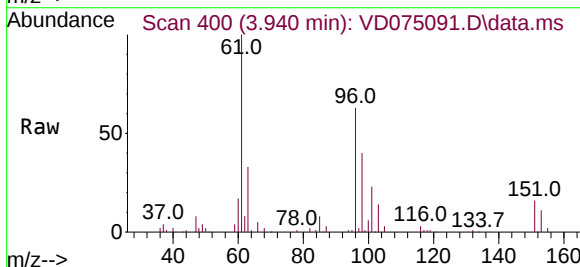
Tgt Ion: 96 Resp: 77620

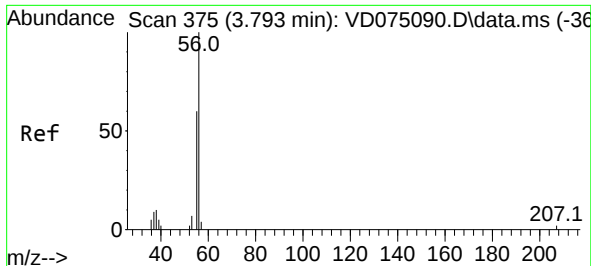
Ion Ratio Lower Upper

96 100

61 159.0 119.8 179.6

98 63.4 47.7 71.5

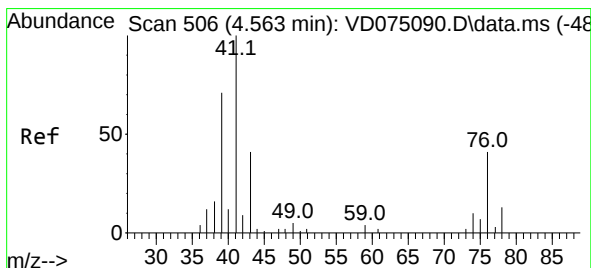
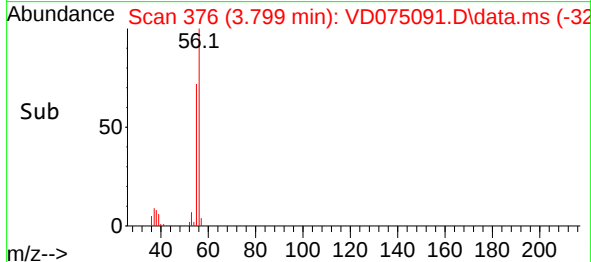
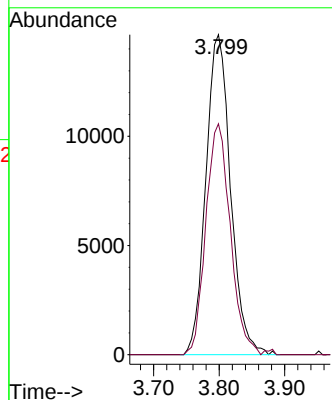
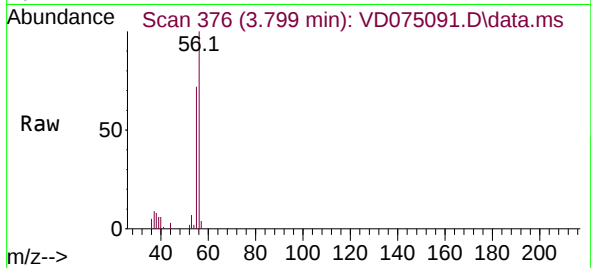




#13
Acrolein
Concen: 416.132 ug/l
RT: 3.799 min Scan# 375
Delta R.T. 0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

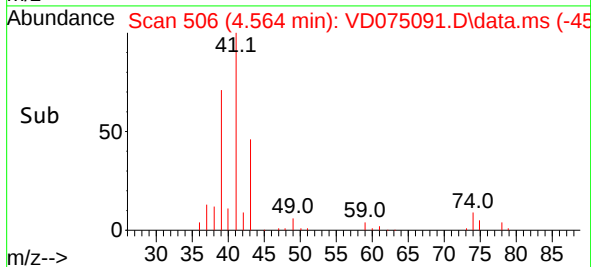
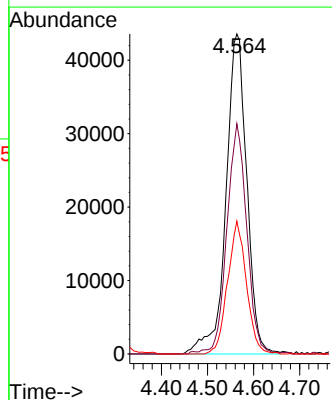
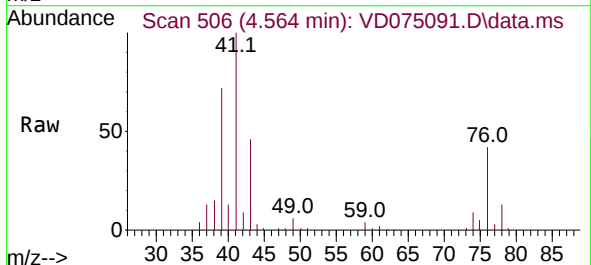
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

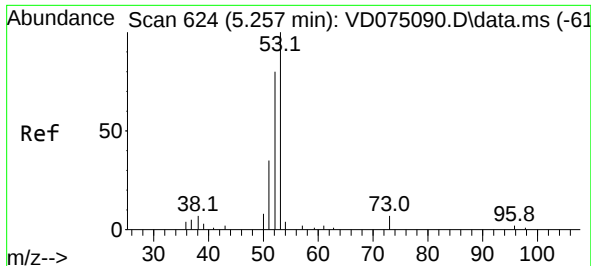
Tgt Ion: 56 Resp: 38398
Ion Ratio Lower Upper
56 100
55 71.5 55.0 82.6



#14
Allyl chloride
Concen: 93.136 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 41 Resp: 136762
Ion Ratio Lower Upper
41 100
39 68.7 55.6 83.4
76 37.6 30.2 45.2

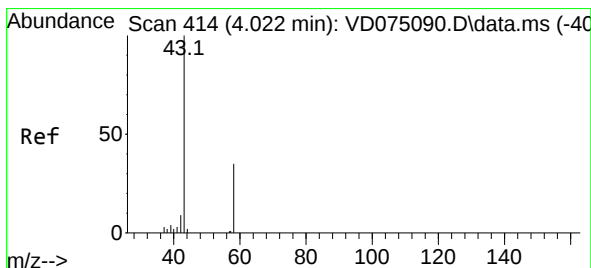
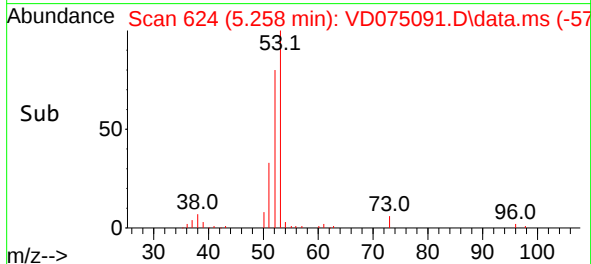
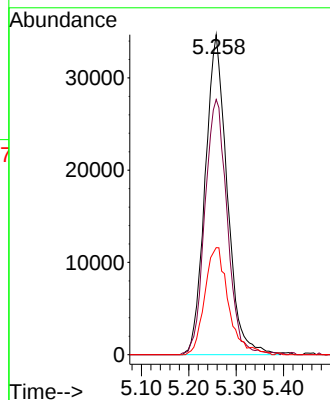
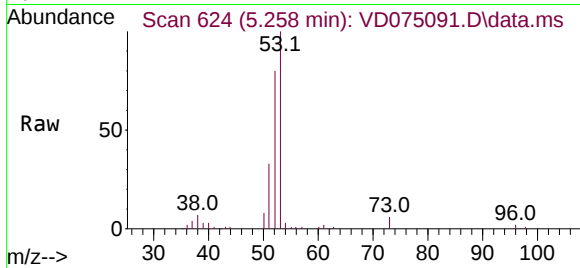




#15
Acrylonitrile
Concen: 468.854 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

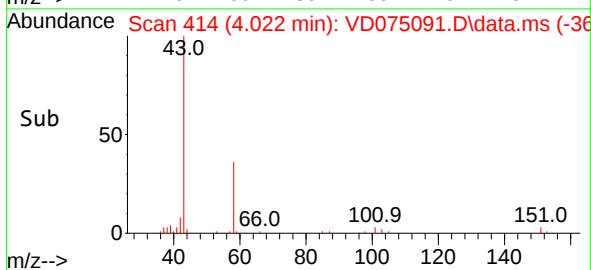
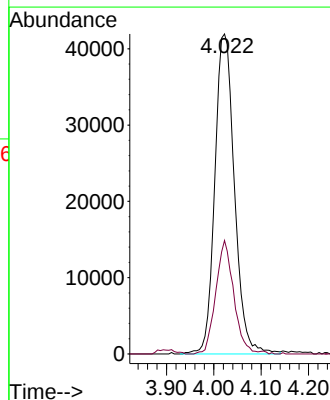
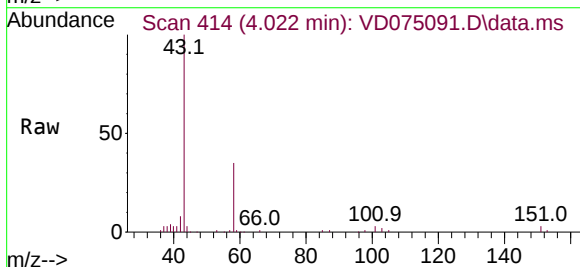
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

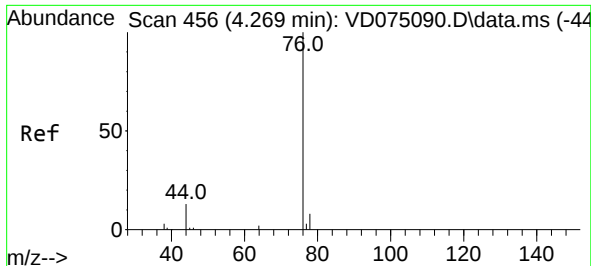
Tgt Ion: 53 Resp: 111834
Ion Ratio Lower Upper
53 100
52 80.9 65.1 97.7
51 36.3 28.2 42.2



#16
Acetone
Concen: 503.159 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 43 Resp: 120912
Ion Ratio Lower Upper
43 100
58 35.5 28.3 42.5





#17

Carbon Disulfide

Concen: 81.126 ug/l

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

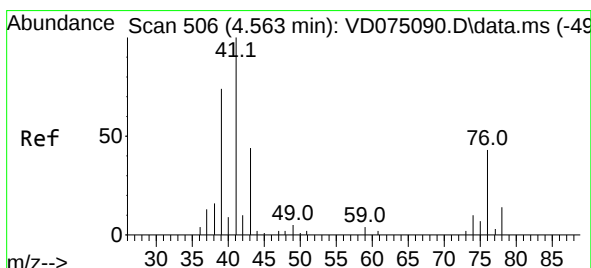
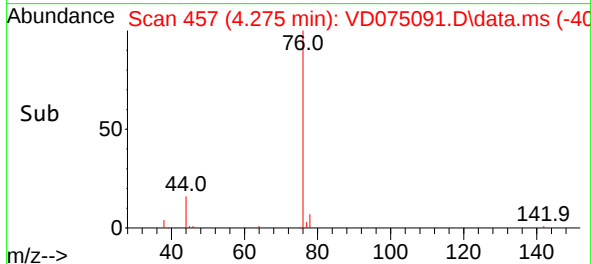
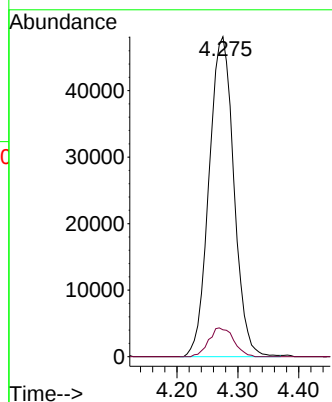
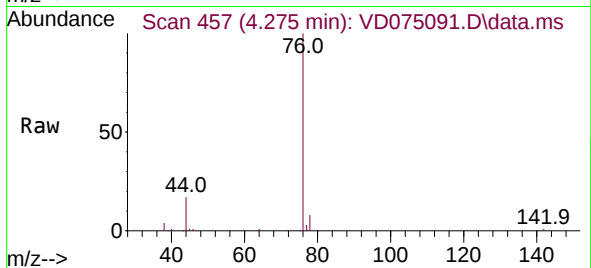
VSTDIC100

Tgt Ion: 76 Resp: 136234

Ion Ratio Lower Upper

76 100

78 8.4 6.3 9.5



#18

Methyl Acetate

Concen: 79.496 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075091.D

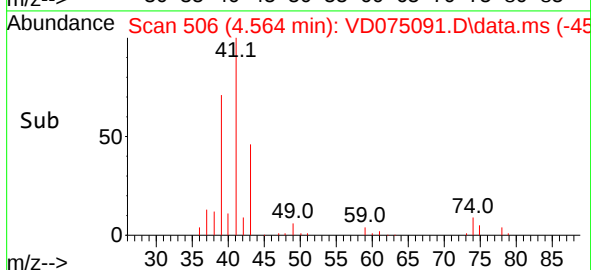
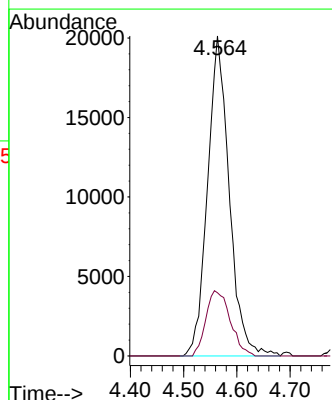
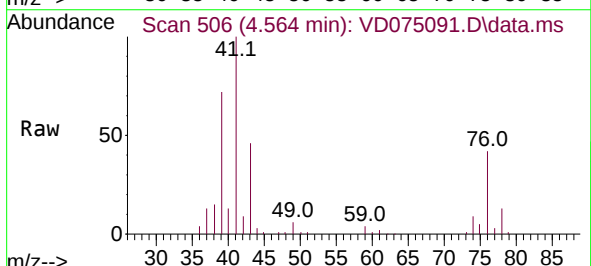
Acq: 09 Jan 2023 13:54

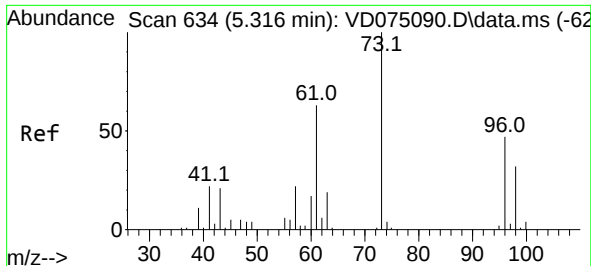
Tgt Ion: 43 Resp: 56930

Ion Ratio Lower Upper

43 100

74 22.9 18.6 27.8

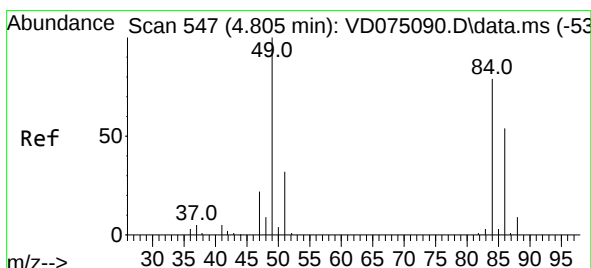
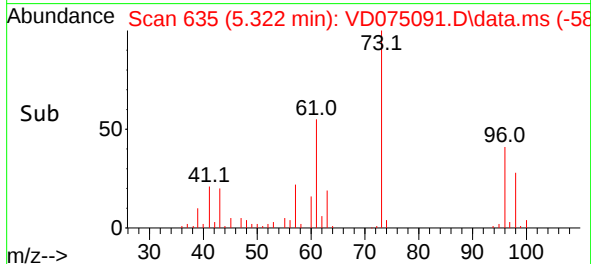
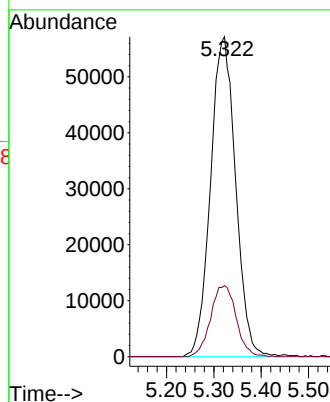
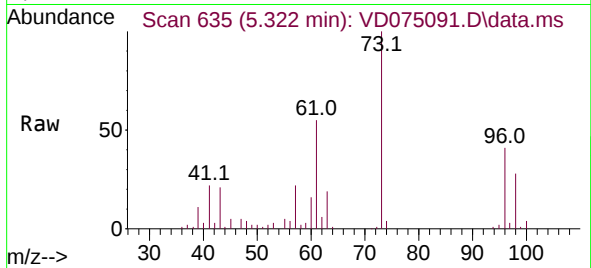




#19
Methyl tert-butyl Ether
Concen: 93.507 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

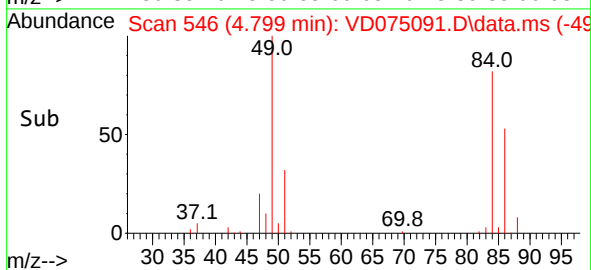
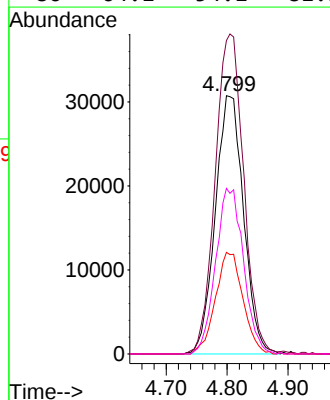
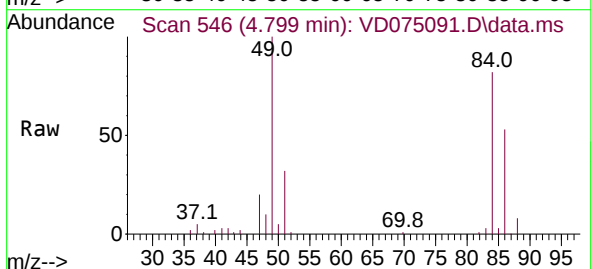
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

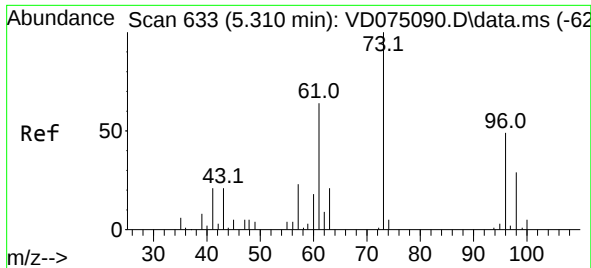
Tgt Ion: 73 Resp: 210068
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 58.043 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 84 Resp: 99002
Ion Ratio Lower Upper
84 100
49 121.4 100.6 151.0
51 39.3 31.8 47.8
86 64.1 54.1 81.1

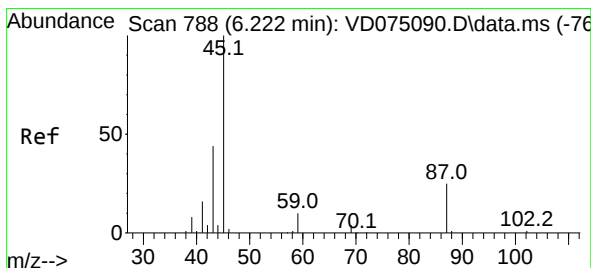
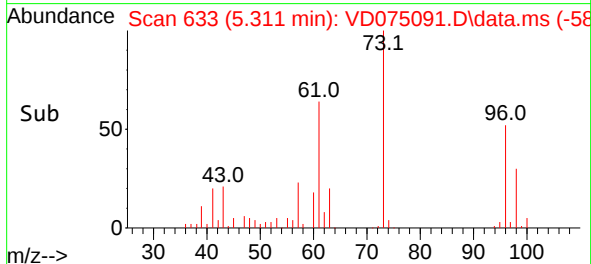
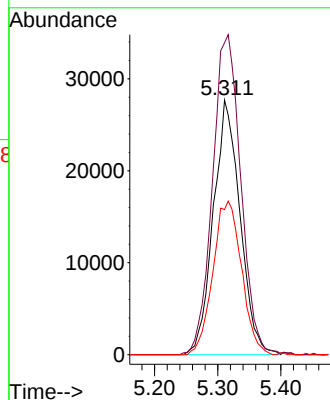
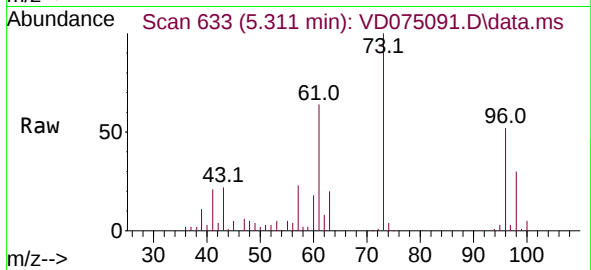




#21
trans-1,2-Dichloroethene
Concen: 86.611 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

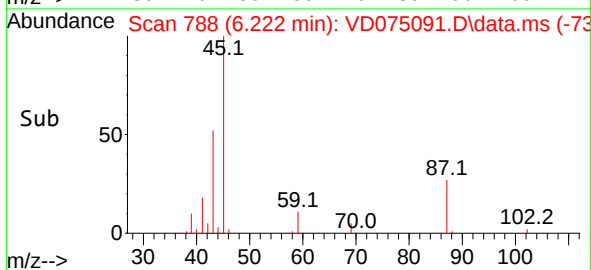
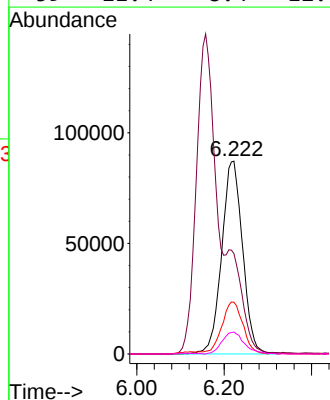
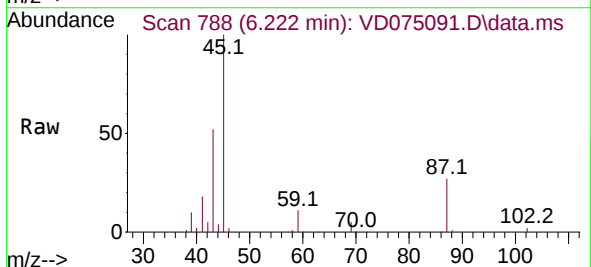
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

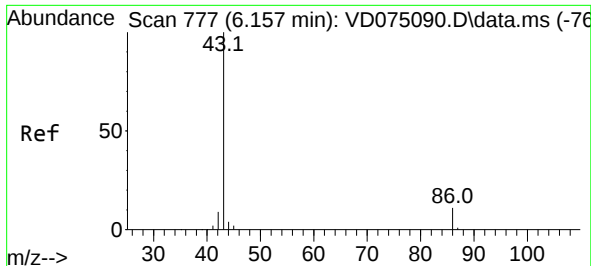
Tgt Ion: 96 Resp: 81460
Ion Ratio Lower Upper
96 100
61 122.5 104.8 157.2
98 57.0 47.7 71.5



#22
Diisopropyl ether
Concen: 92.068 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 45 Resp: 289365
Ion Ratio Lower Upper
45 100
43 51.4 39.5 59.3
87 26.6 20.8 31.2
59 11.4 8.4 12.6

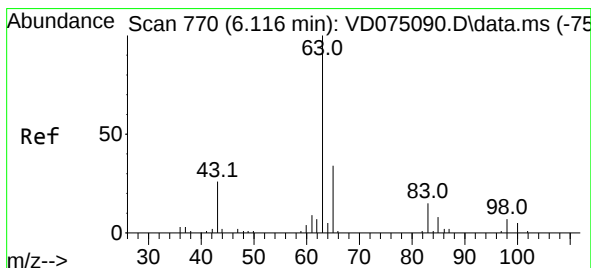
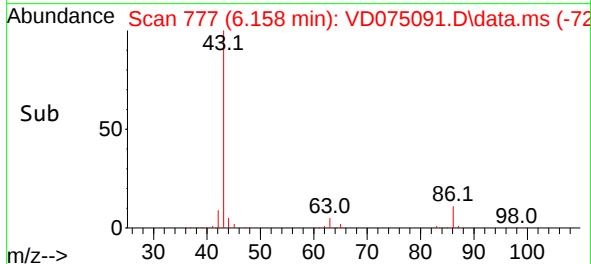
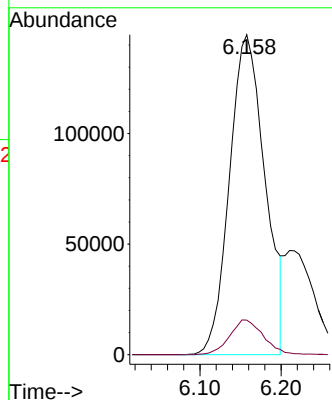
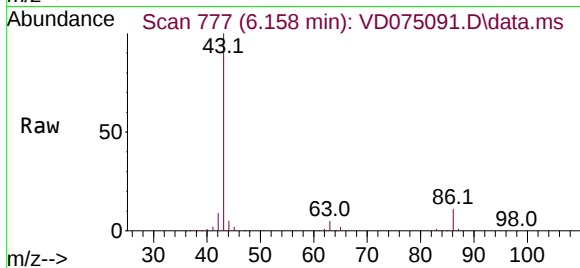




#23
 Vinyl Acetate
 Concen: 452.711 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075091.D
 Acq: 09 Jan 2023 13:54

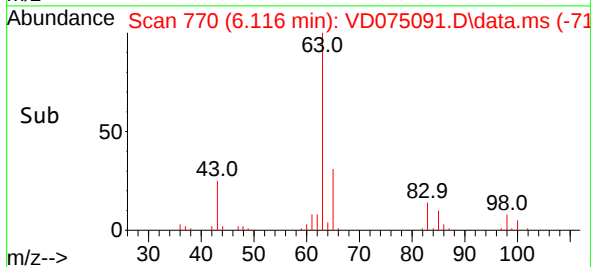
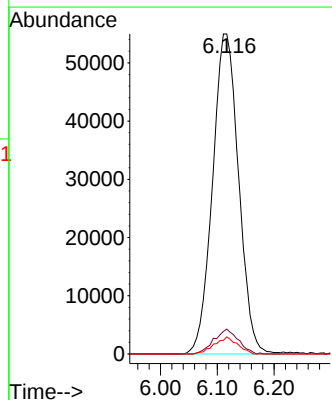
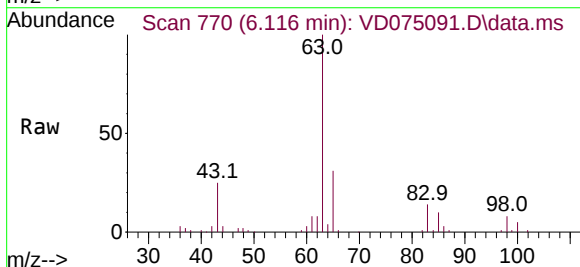
Instrument :
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 ClientSampleId :
 VSTDIC100

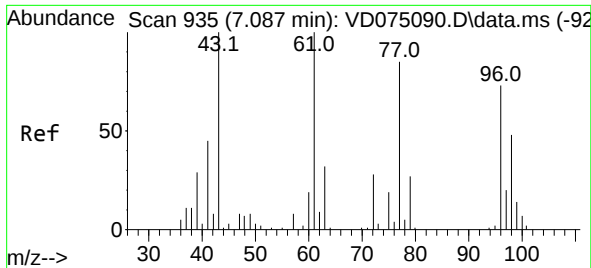
Tgt Ion: 43 Resp: 440301
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 92.662 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075091.D
 Acq: 09 Jan 2023 13:54

Tgt Ion: 63 Resp: 175135
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 5.4 2.5 7.4

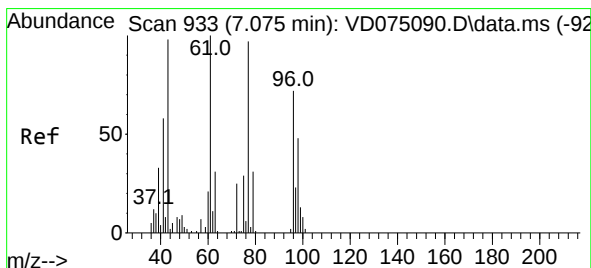
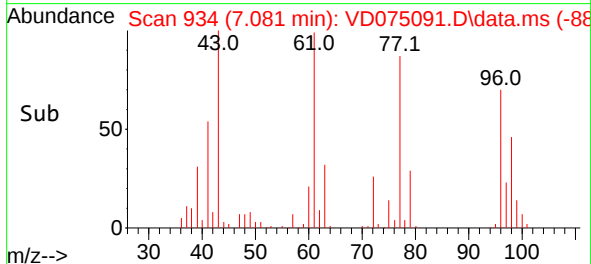
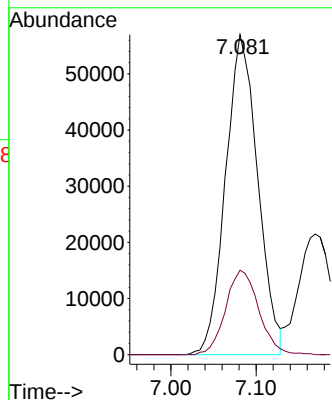
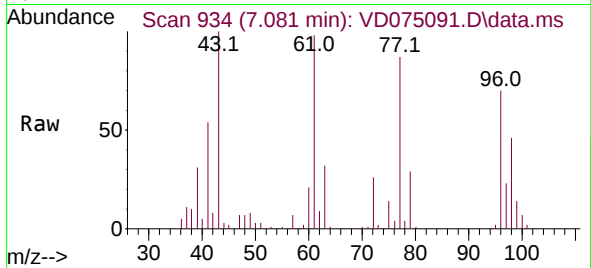




#25
2-Butanone
Concen: 469.969 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

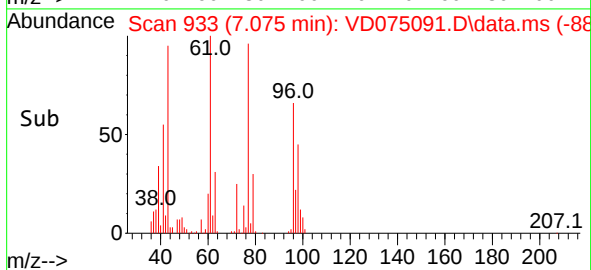
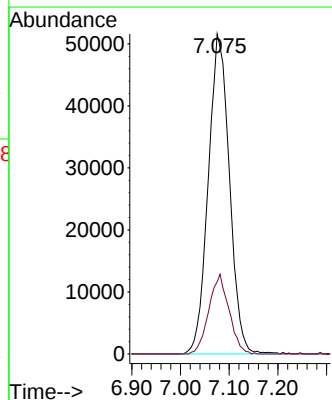
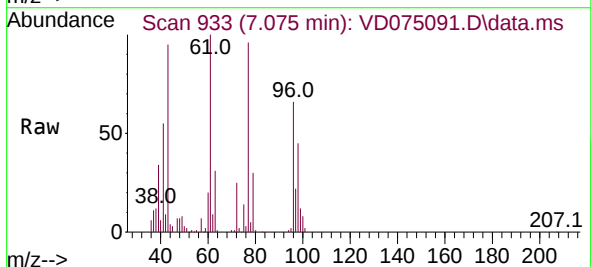
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

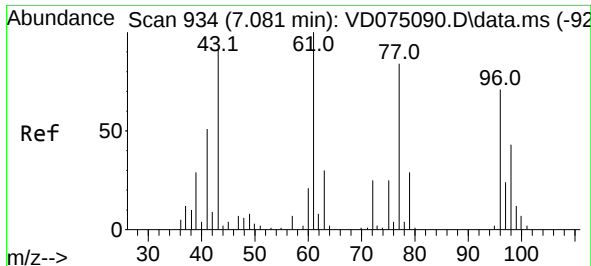
Tgt Ion: 43 Resp: 149601
Ion Ratio Lower Upper
43 100
72 26.4 22.6 33.8



#26
2,2-Dichloropropane
Concen: 91.770 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 77 Resp: 155559
Ion Ratio Lower Upper
77 100
97 23.8 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 92.184 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

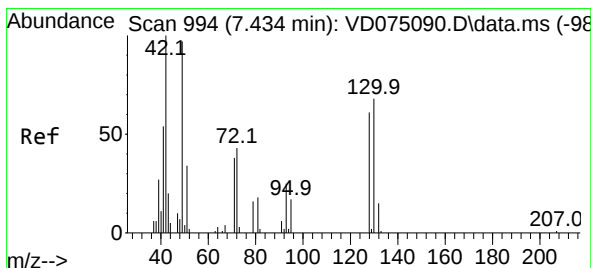
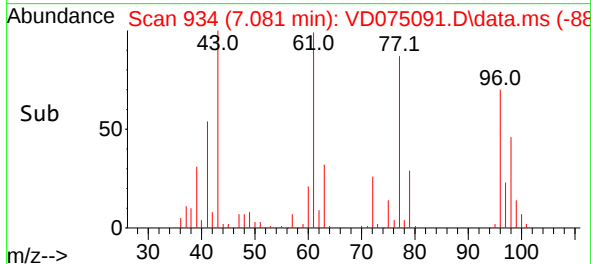
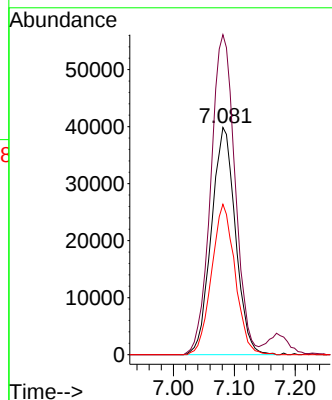
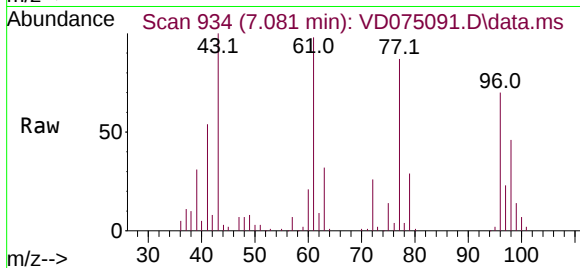
Tgt Ion: 96 Resp: 109464

Ion Ratio Lower Upper

96 100

61 142.2 0.0 282.4

98 64.7 0.0 126.2



#28

Bromochloromethane

Concen: 91.666 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.006 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

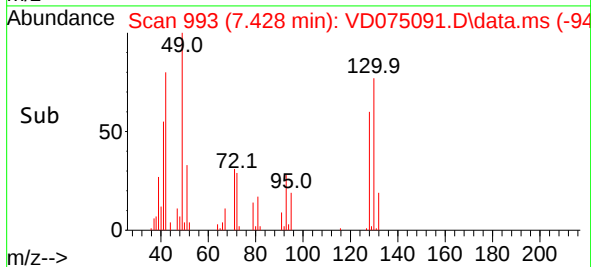
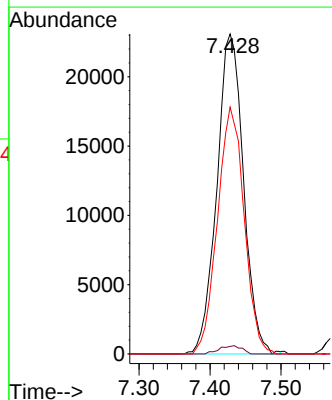
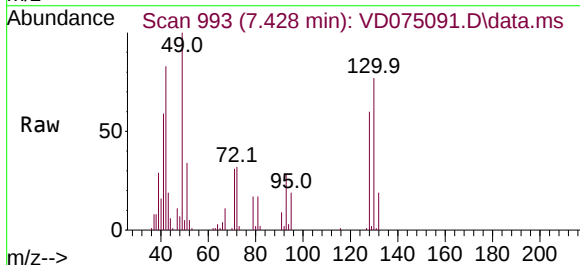
Tgt Ion: 49 Resp: 60092

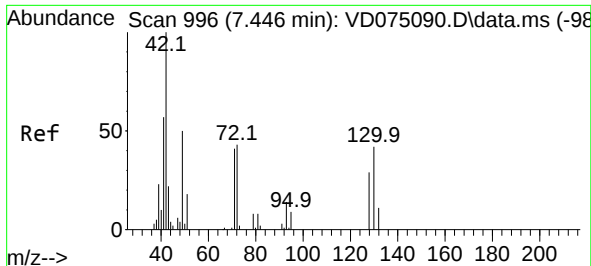
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.6

130 77.2 60.3 90.5





#29

Tetrahydrofuran

Concen: 462.571 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

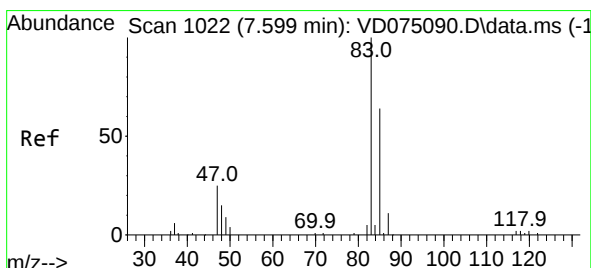
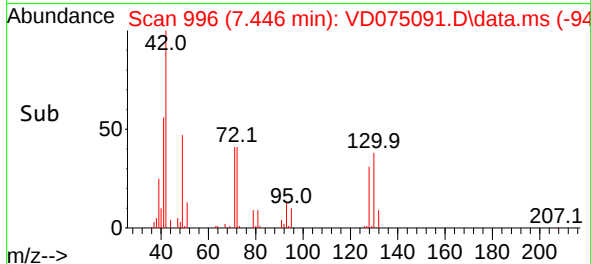
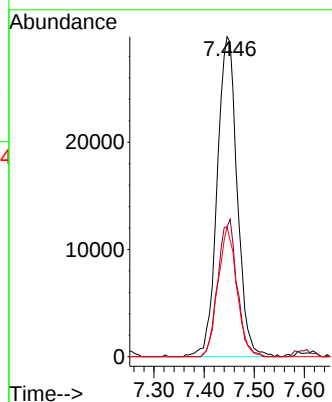
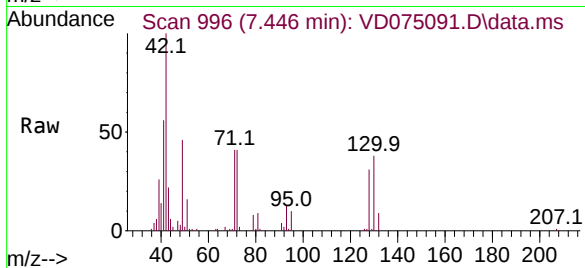
Tgt Ion: 42 Resp: 82838

Ion Ratio Lower Upper

42 100

72 41.2 34.3 51.5

71 38.0 31.2 46.8



#30

Chloroform

Concen: 91.672 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075091.D

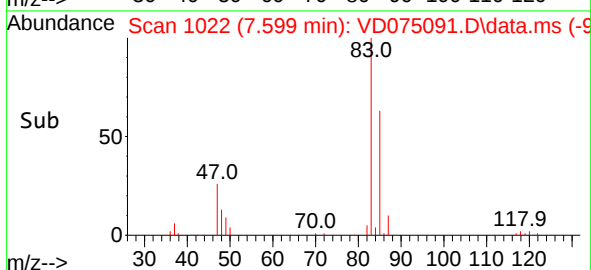
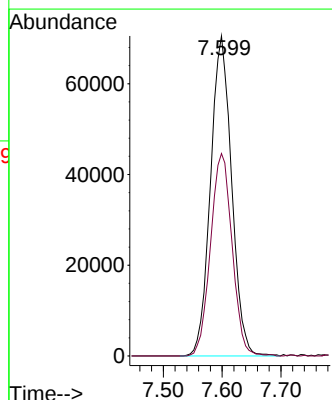
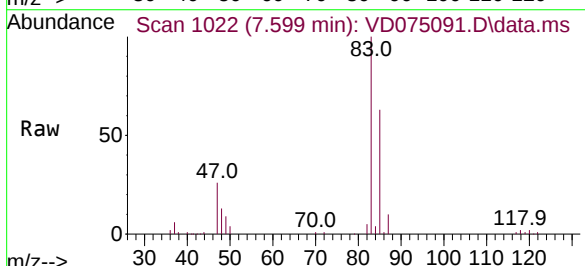
Acq: 09 Jan 2023 13:54

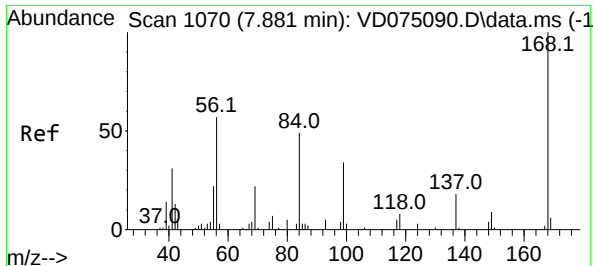
Tgt Ion: 83 Resp: 175575

Ion Ratio Lower Upper

83 100

85 63.2 51.3 76.9





#31

Cyclohexane

Concen: 79.014 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

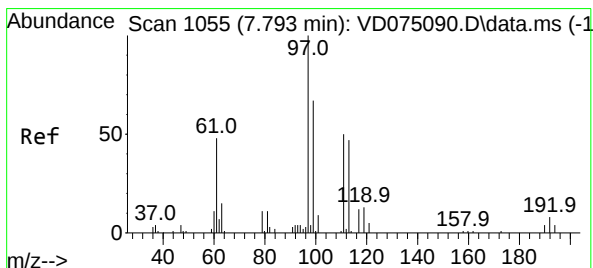
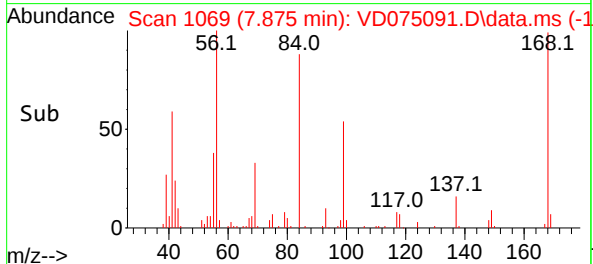
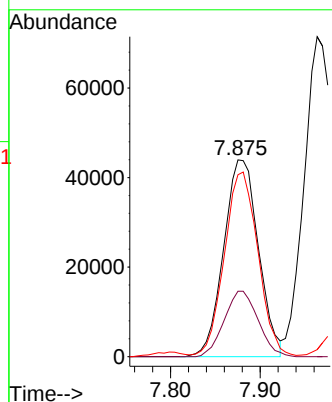
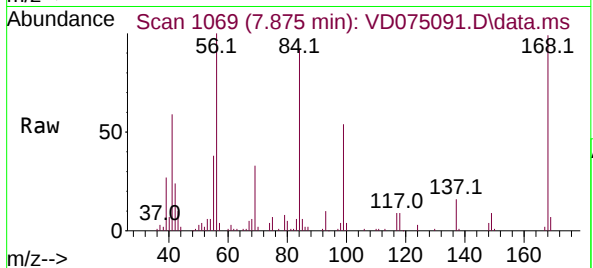
Tgt Ion: 56 Resp: 118297

Ion Ratio Lower Upper

56 100

69 33.2 30.4 45.6

84 90.8 68.6 102.8



#32

1,1,1-Trichloroethane

Concen: 91.040 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

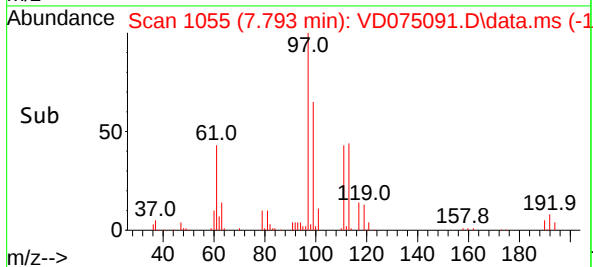
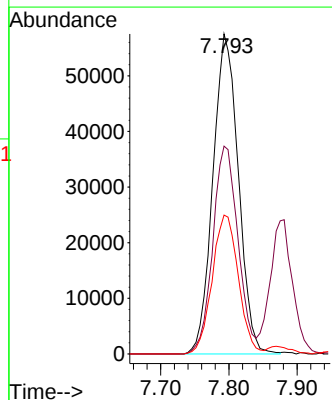
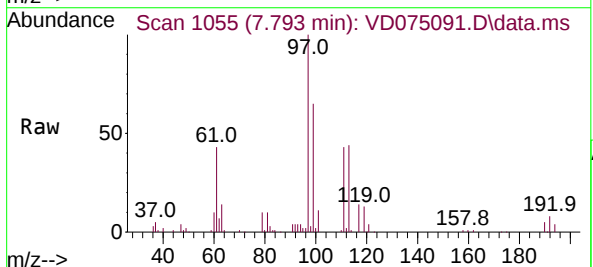
Tgt Ion: 97 Resp: 149613

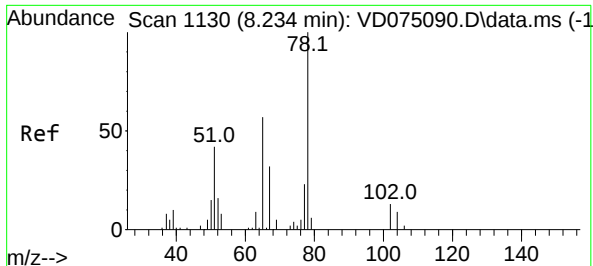
Ion Ratio Lower Upper

97 100

99 64.3 52.3 78.5

61 44.6 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 90.638 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

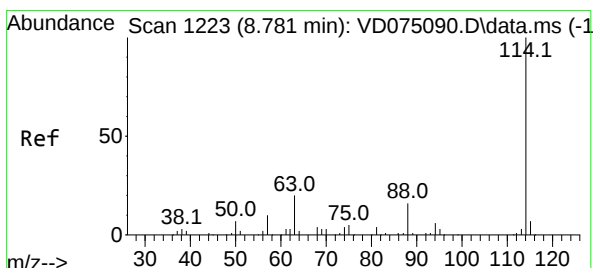
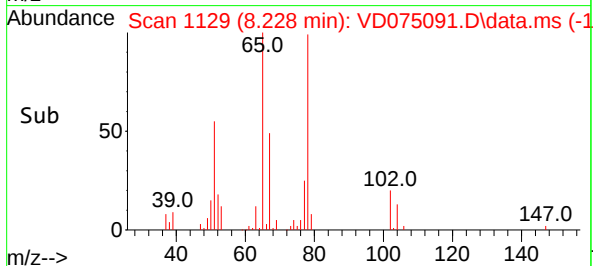
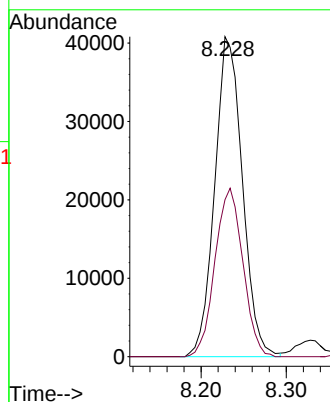
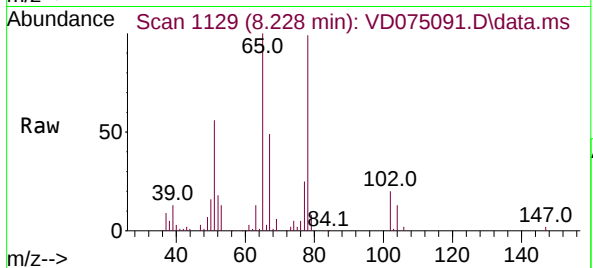
VSTDIC100

Tgt Ion: 65 Resp: 91924

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

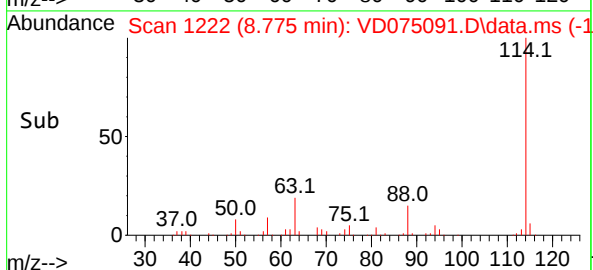
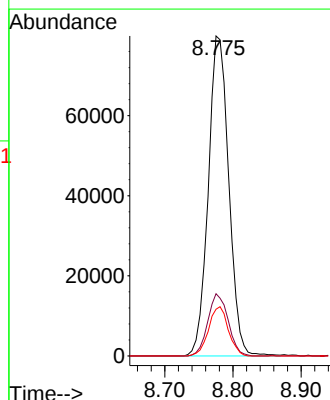
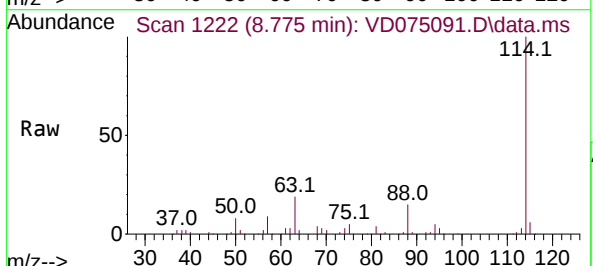
Tgt Ion: 114 Resp: 167082

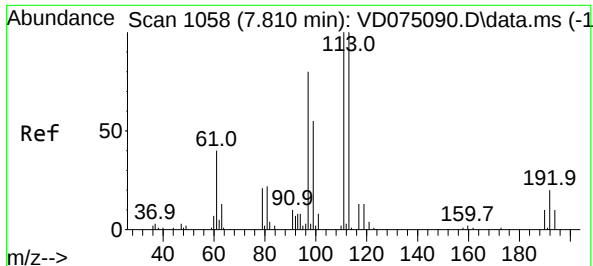
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.6 0.0 31.2

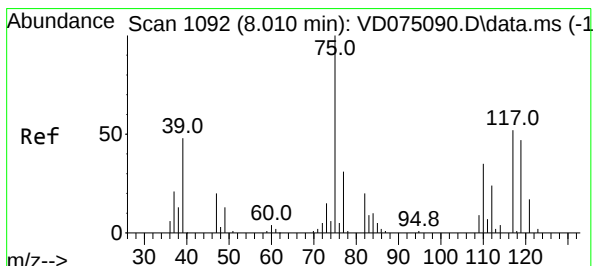
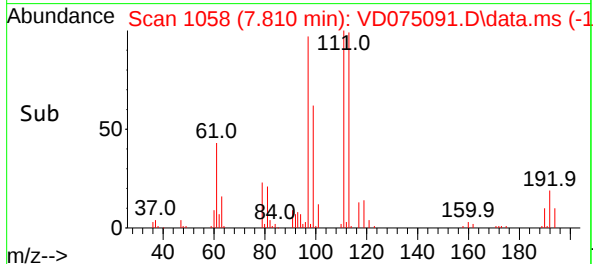
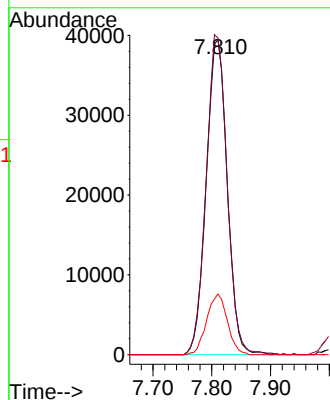
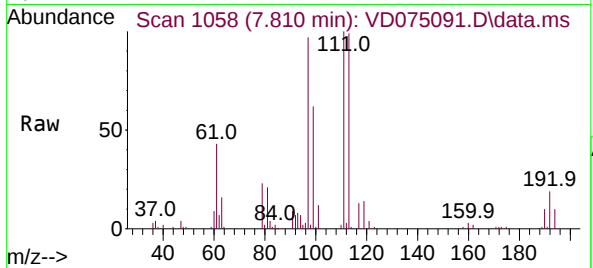




#35
Dibromofluoromethane
Concen: 93.300 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

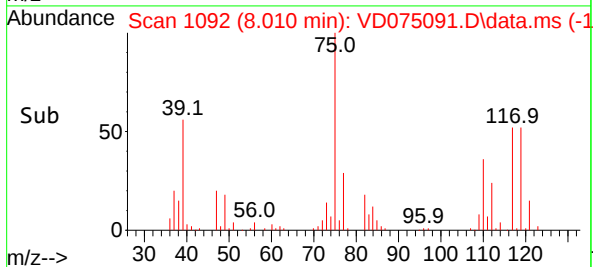
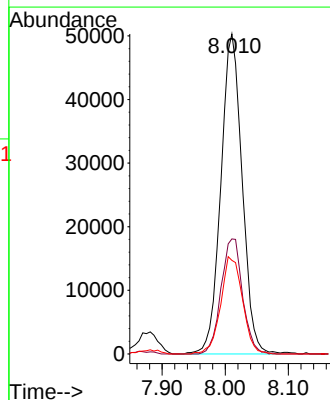
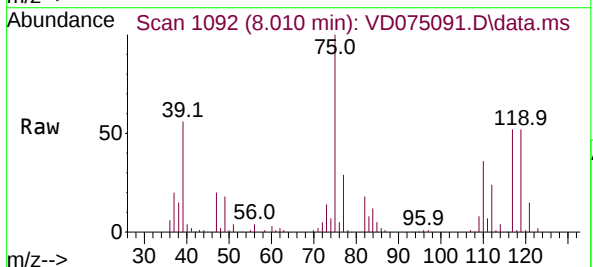
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

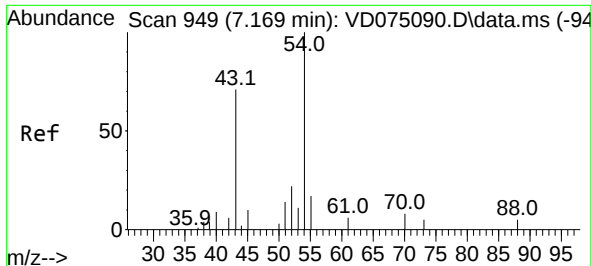
Tgt Ion:113 Resp: 98057
Ion Ratio Lower Upper
113 100
111 101.4 83.2 124.8
192 19.0 15.0 22.6



#36
1,1-Dichloropropene
Concen: 90.642 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 75 Resp: 117864
Ion Ratio Lower Upper
75 100
110 36.3 18.8 56.3
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 85.573 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

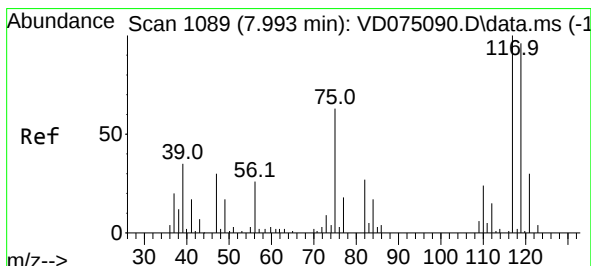
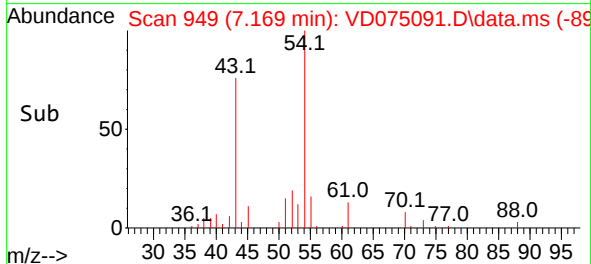
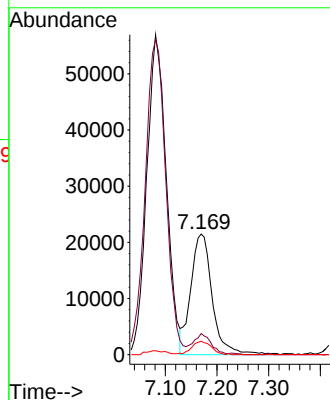
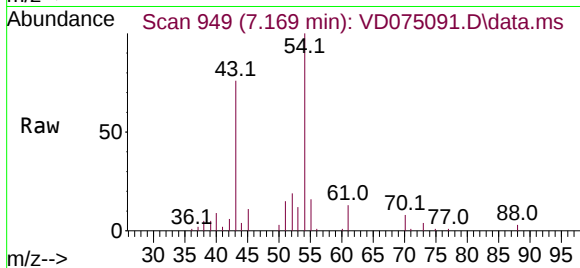
Tgt Ion: 43 Resp: 62169

Ion Ratio Lower Upper

43 100

61 13.2 11.4 17.2

70 10.1 8.4 12.6



#38

Carbon Tetrachloride

Concen: 98.197 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

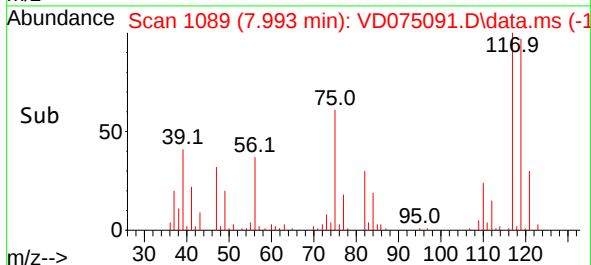
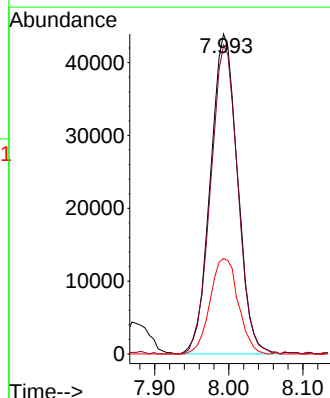
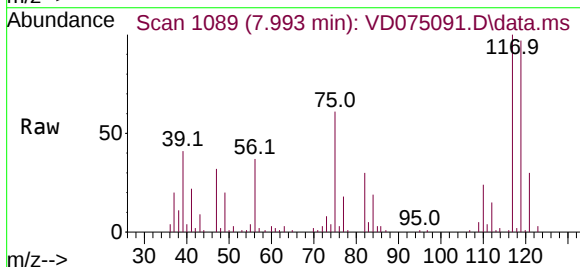
Tgt Ion: 117 Resp: 111868

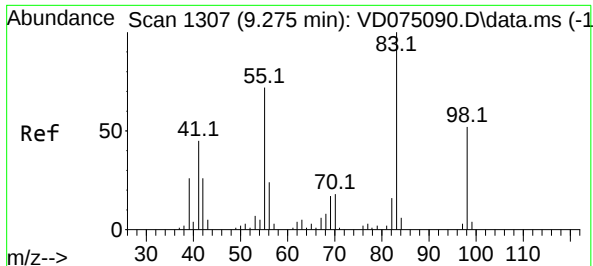
Ion Ratio Lower Upper

117 100

119 96.5 76.8 115.2

121 29.8 23.8 35.8





#39

Methylcyclohexane

Concen: 89.282 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

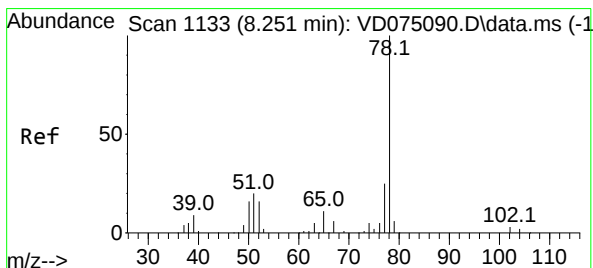
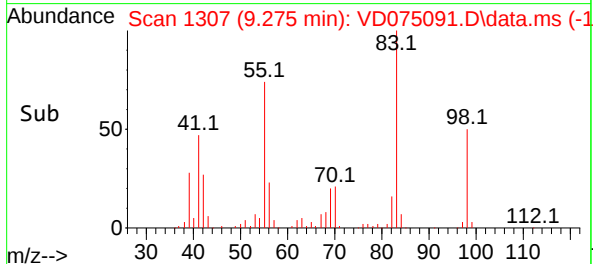
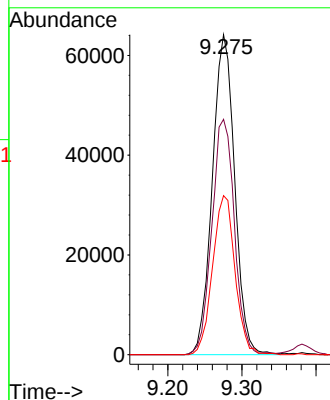
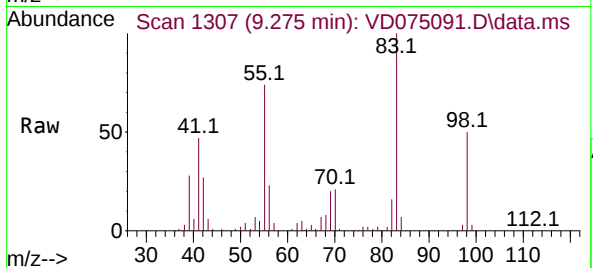
Tgt Ion: 83 Resp: 134279

Ion Ratio Lower Upper

83 100

55 73.6 57.6 86.4

98 49.7 41.4 62.0



#40

Benzene

Concen: 90.597 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075091.D

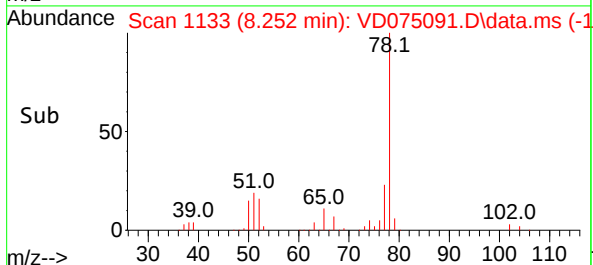
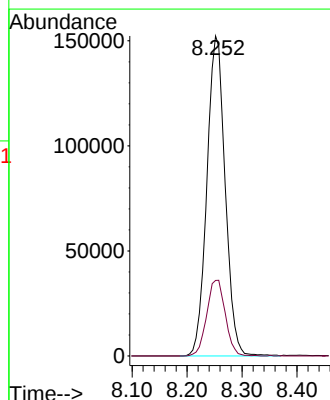
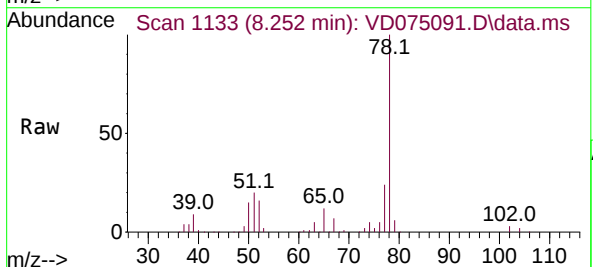
Acq: 09 Jan 2023 13:54

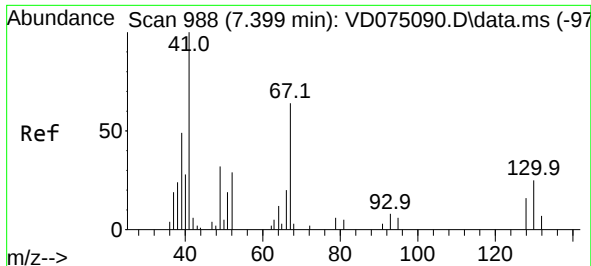
Tgt Ion: 78 Resp: 351484

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6



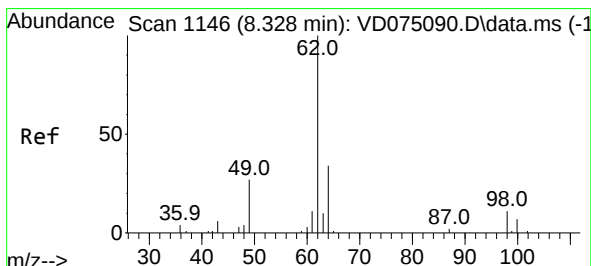
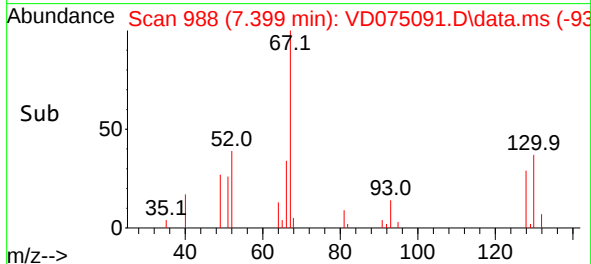
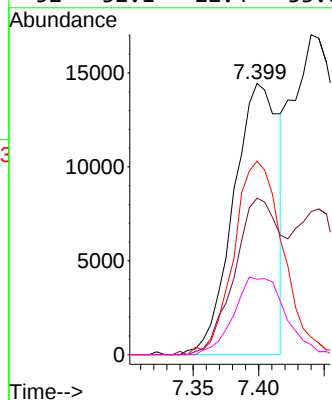
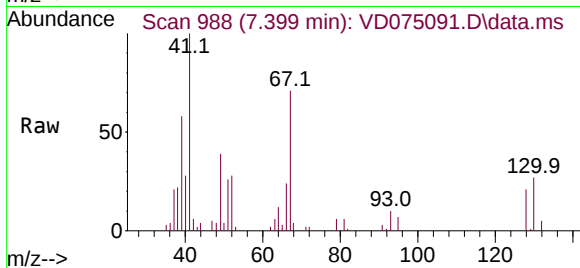


#41
Methacrylonitrile
Concen: 82.403 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 34754

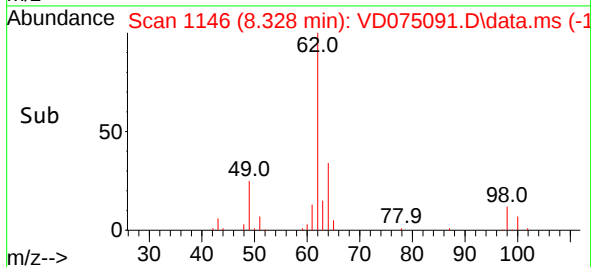
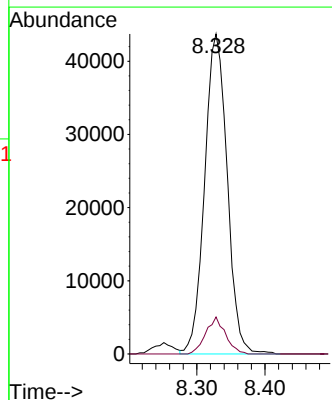
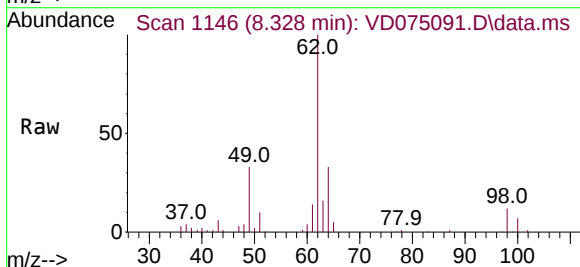
Ion	Ratio	Lower	Upper
41	100		
39	61.5	48.2	72.2
67	77.1	53.1	79.7
52	32.1	22.4	33.6

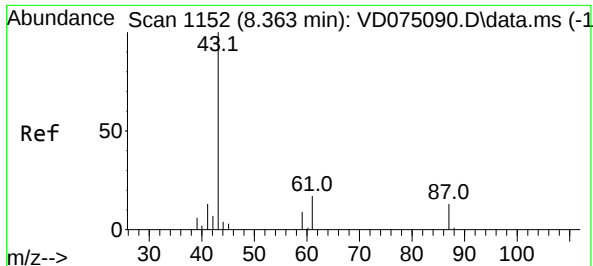


#42
1,2-Dichloroethane
Concen: 92.447 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 62 Resp: 100513

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.4

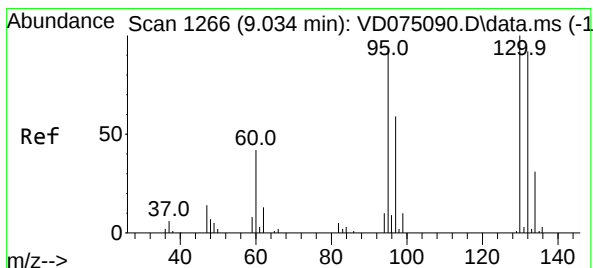
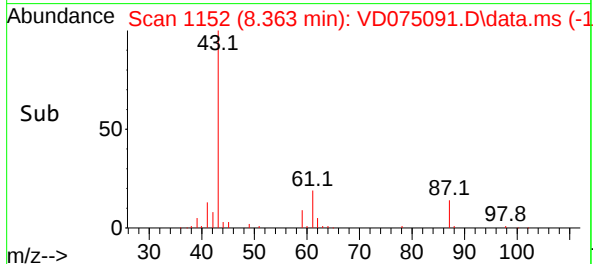
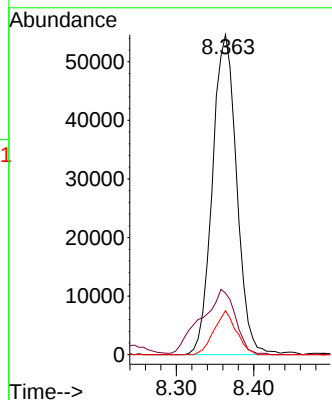
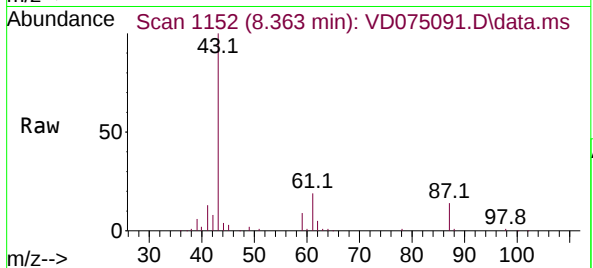




#43
Isopropyl Acetate
Concen: 95.088 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

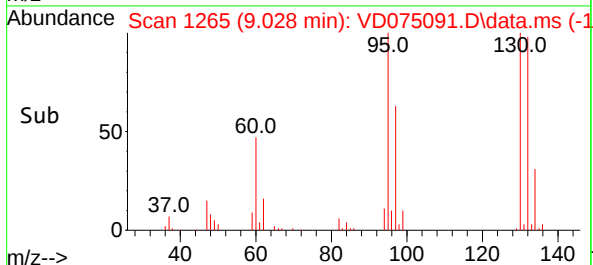
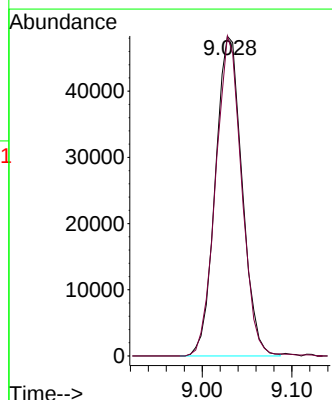
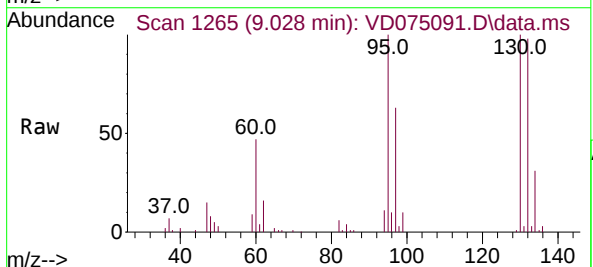
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

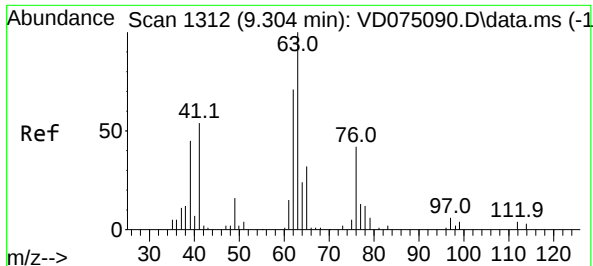
Tgt Ion: 43 Resp: 118985
Ion Ratio Lower Upper
43 100
61 28.9 23.2 34.8
87 12.6 10.6 16.0



#44
Trichloroethene
Concen: 89.508 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 130 Resp: 99807
Ion Ratio Lower Upper
130 100
95 100.1 0.0 186.6





#45

1,2-Dichloropropane

Concen: 92.922 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

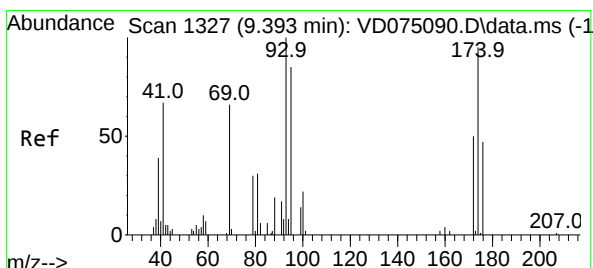
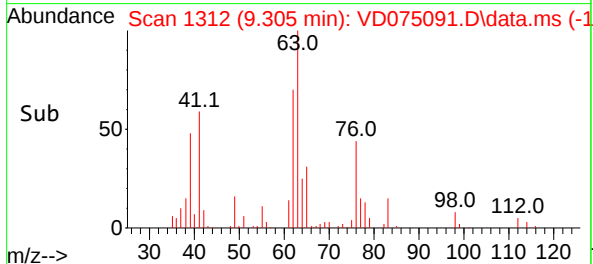
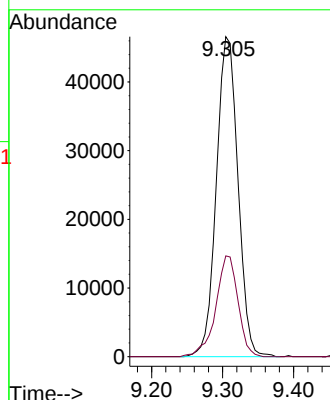
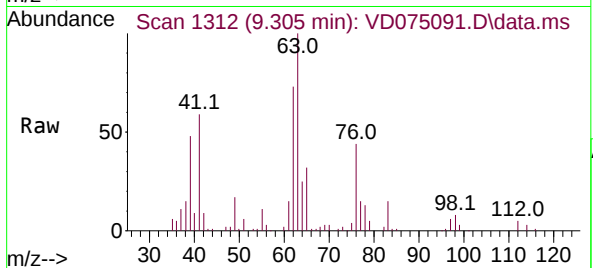
VSTDIC100

Tgt Ion: 63 Resp: 98233

Ion Ratio Lower Upper

63 100

65 31.5 25.2 37.8



#46

Dibromomethane

Concen: 93.050 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

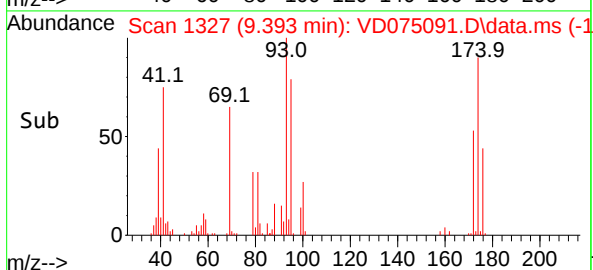
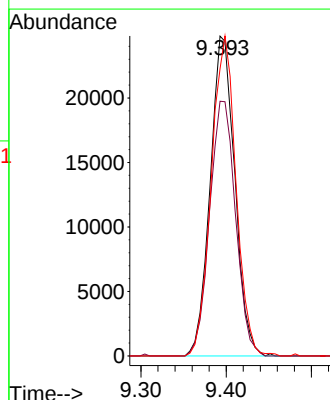
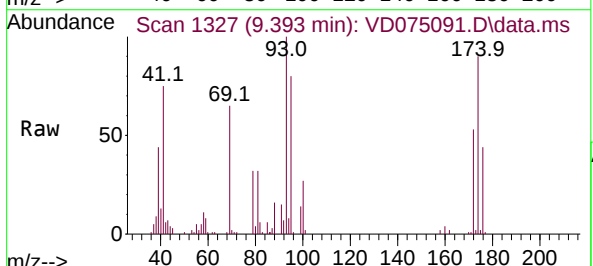
Tgt Ion: 93 Resp: 49715

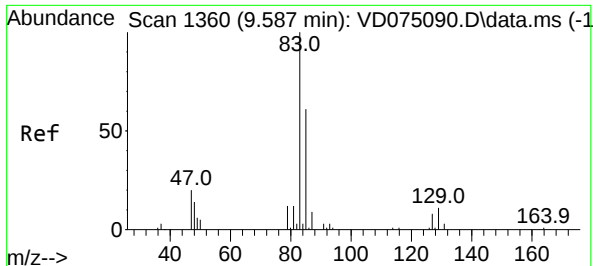
Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 100.2 76.8 115.2





#47

Bromodichloromethane

Concen: 94.903 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

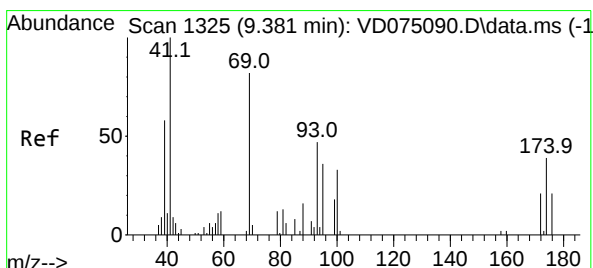
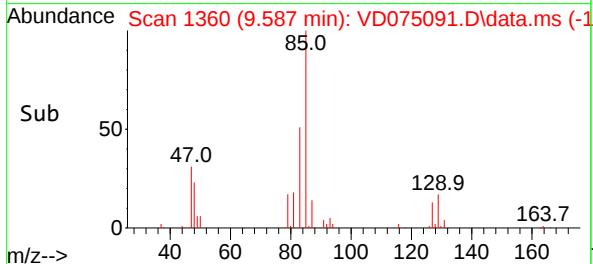
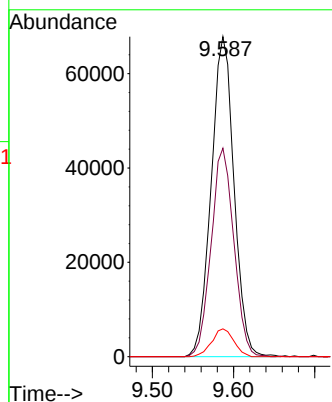
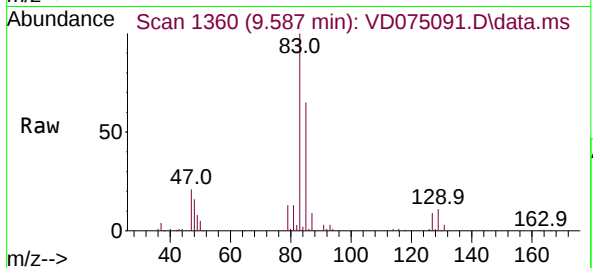
Tgt Ion: 83 Resp: 132411

Ion Ratio Lower Upper

83 100

85 65.1 48.8 73.2

127 8.7 6.6 9.8



#48

Methyl methacrylate

Concen: 93.760 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

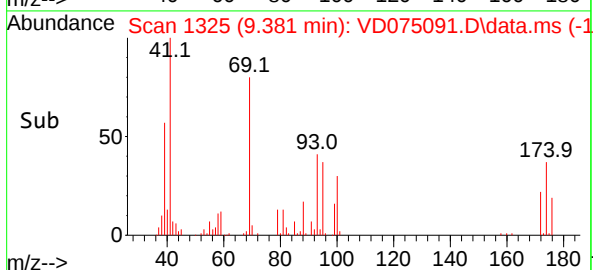
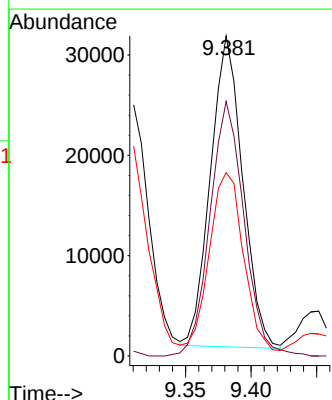
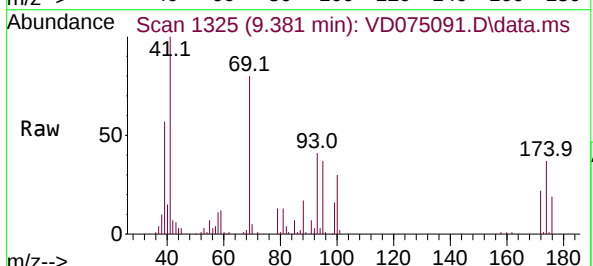
Tgt Ion: 41 Resp: 52862

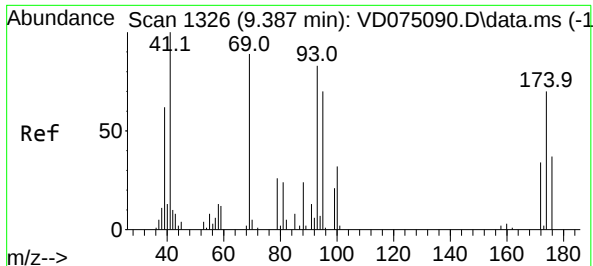
Ion Ratio Lower Upper

41 100

69 86.8 72.4 108.6

39 64.8 50.6 76.0

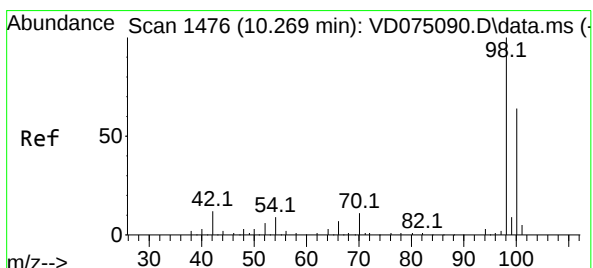
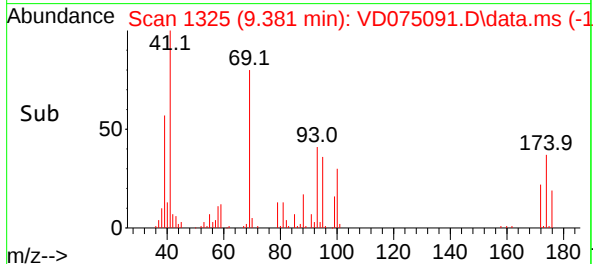
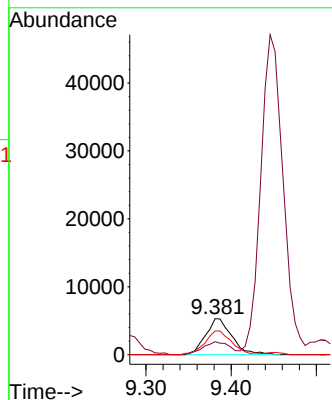
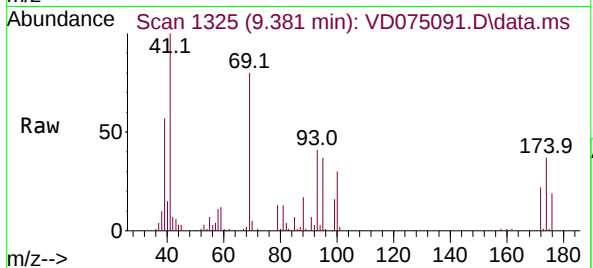




#49
1,4-Dioxane
Concen: 1954.250 ug/l
RT: 9.381 min Scan# 11371
Delta R.T. -0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

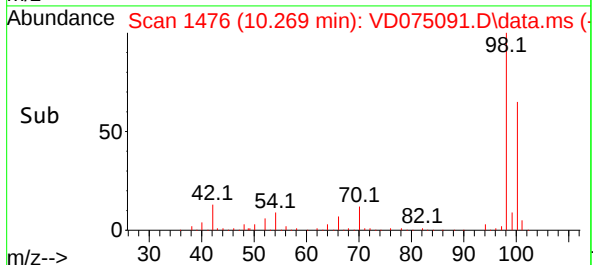
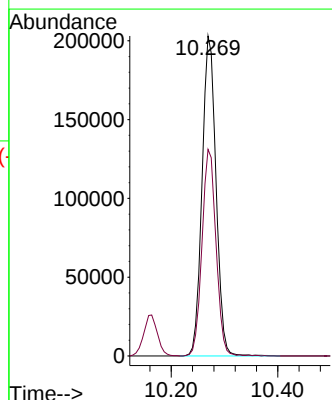
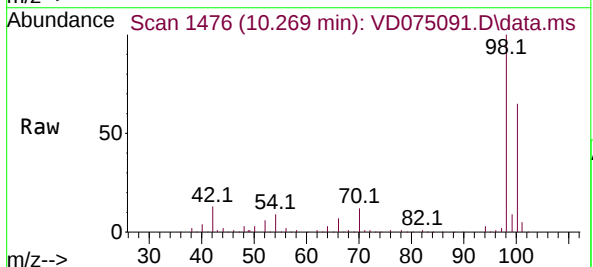
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

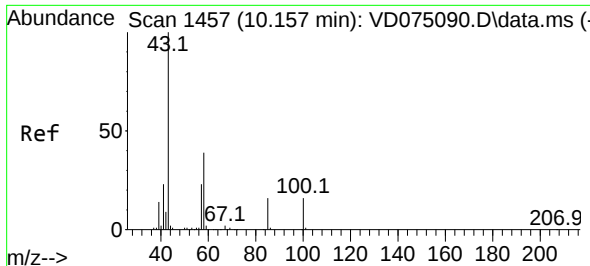
Tgt Ion: 88 Resp: 11371
Ion Ratio Lower Upper
88 100
43 37.1 27.4 41.2
58 67.1 48.6 73.0



#50
Toluene-d8
Concen: 88.460 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 98 Resp: 368632
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

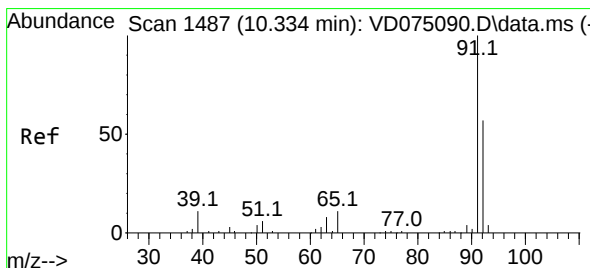
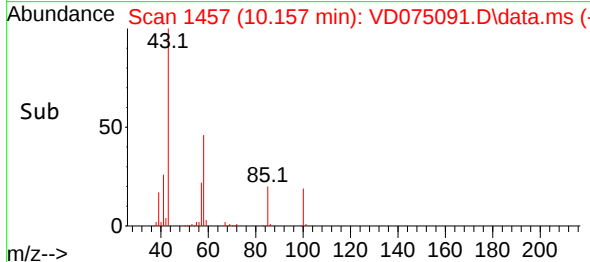
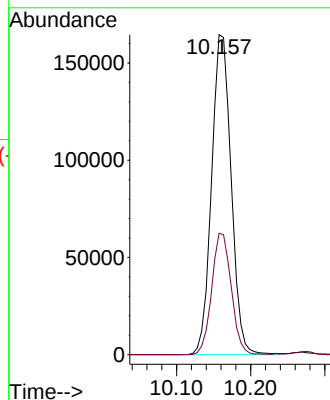
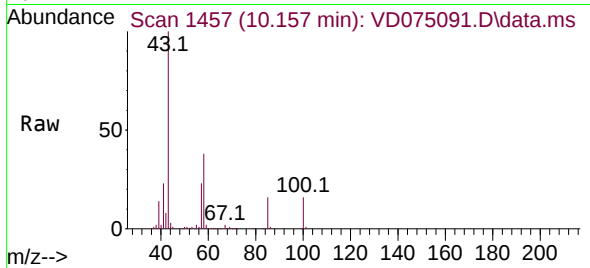




#51
4-Methyl-2-Pentanone
Concen: 478.061 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

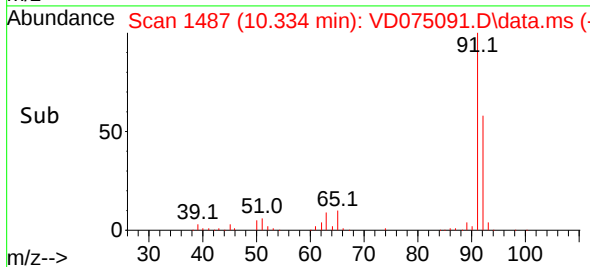
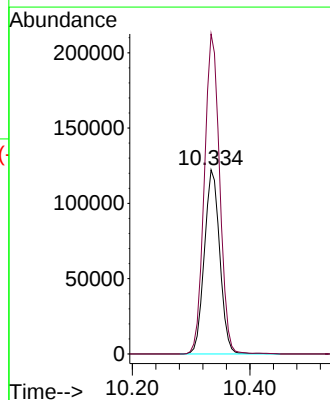
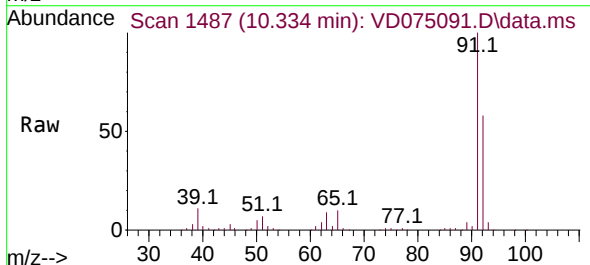
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

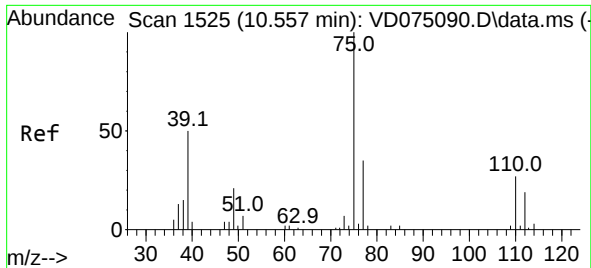
Tgt Ion: 43 Resp: 302072
Ion Ratio Lower Upper
43 100
58 37.8 31.0 46.4



#52
Toluene
Concen: 88.596 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 92 Resp: 222837
Ion Ratio Lower Upper
92 100
91 172.7 140.1 210.1

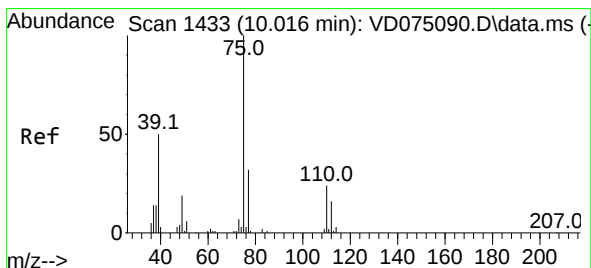
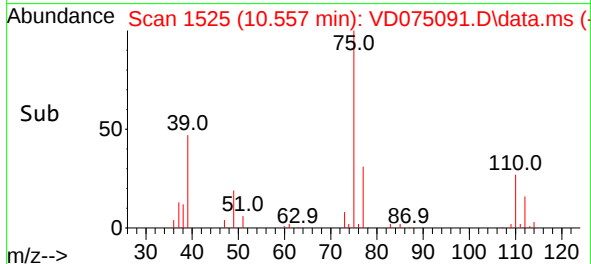
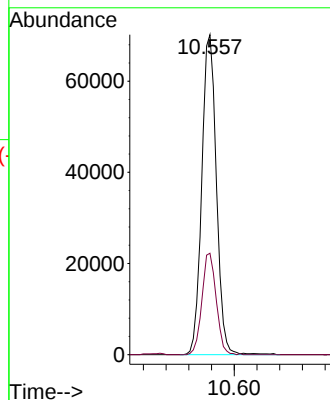
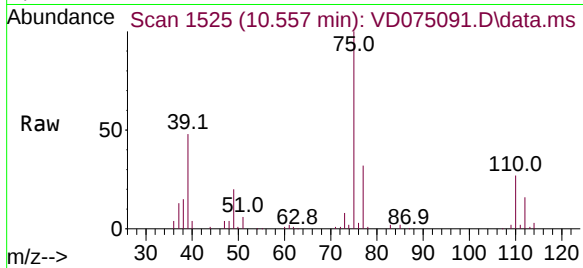




#53
 t-1,3-Dichloropropene
 Concen: 98.277 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075091.D
 Acq: 09 Jan 2023 13:54

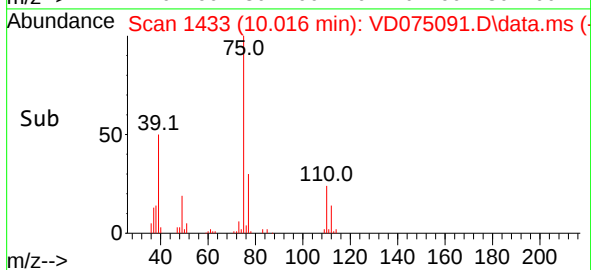
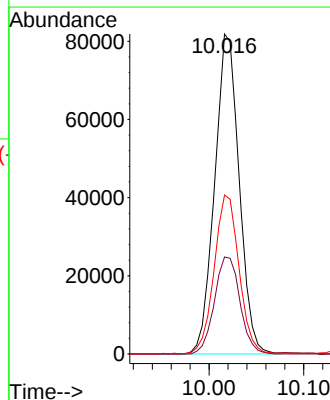
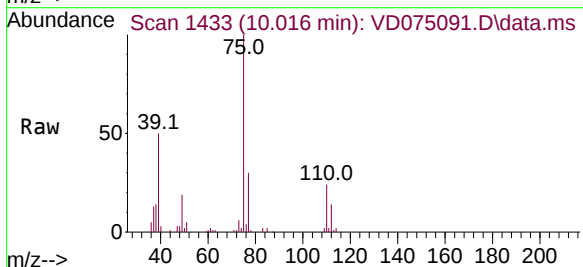
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

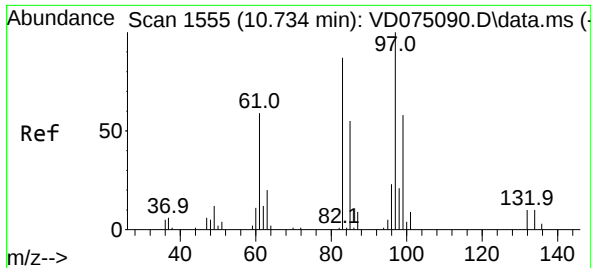
Tgt Ion: 75 Resp: 125320
 Ion Ratio Lower Upper
 75 100
 77 31.7 27.6 41.4



#54
 cis-1,3-Dichloropropene
 Concen: 94.321 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075091.D
 Acq: 09 Jan 2023 13:54

Tgt Ion: 75 Resp: 147315
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3
 39 49.7 40.3 60.5

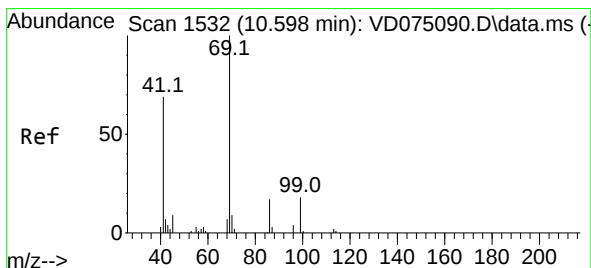
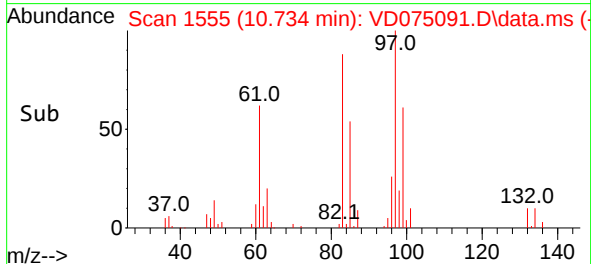
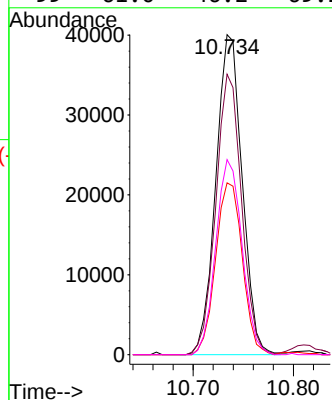
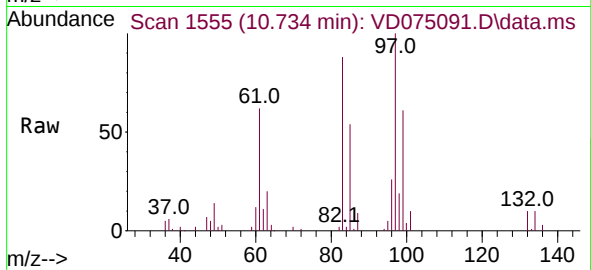




#55
1,1,2-Trichloroethane
Concen: 93.968 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

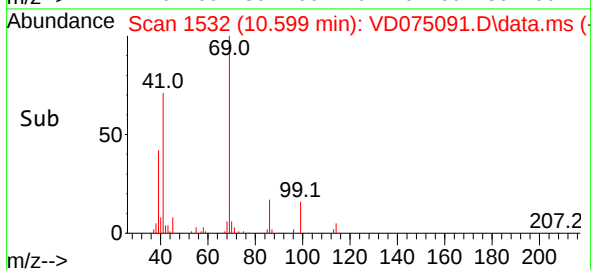
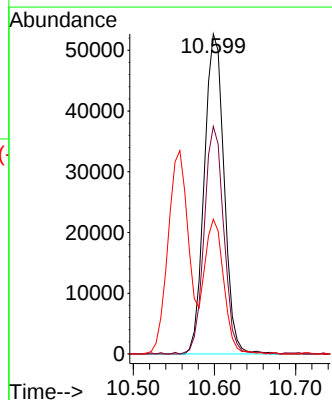
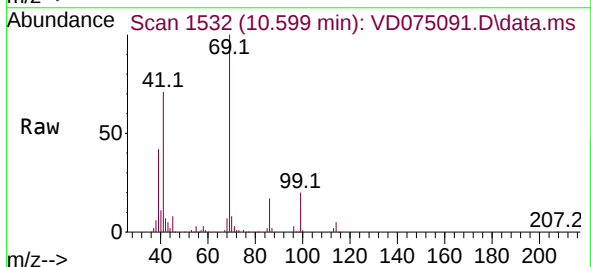
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

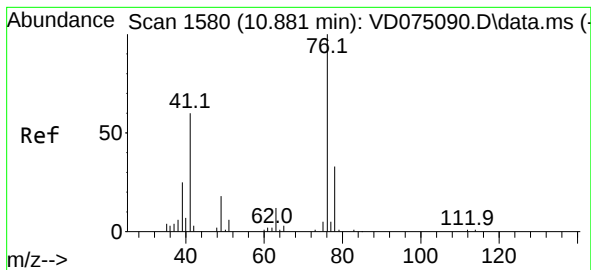
Tgt Ion: 97	Resp: 73121
Ion Ratio	Lower Upper
97 100	
83 87.7	69.4 104.2
85 53.7	43.8 65.8
99 61.0	46.2 69.2



#56
Ethyl methacrylate
Concen: 94.916 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 69	Resp: 89215
Ion Ratio	Lower Upper
69 100	
41 70.5	54.4 81.6
39 39.6	30.6 45.8





#57

1,3-Dichloropropane

Concen: 93.623 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

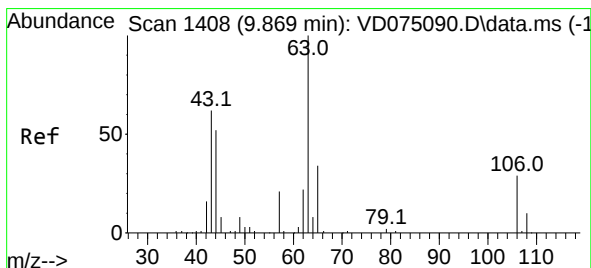
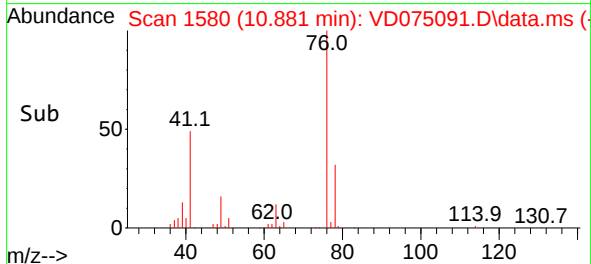
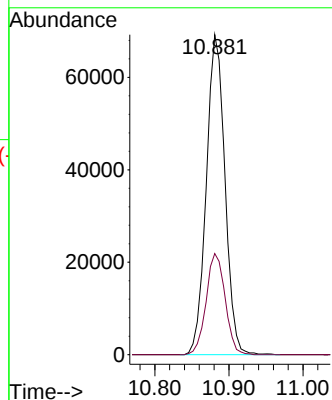
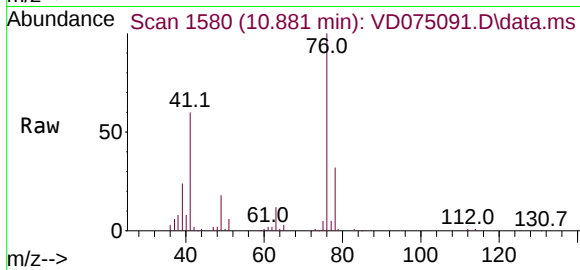
VSTDIC100

Tgt Ion: 76 Resp: 121022

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 483.847 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075091.D

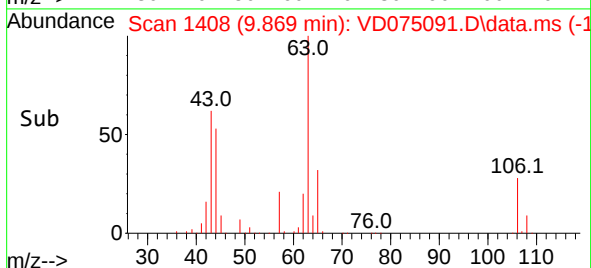
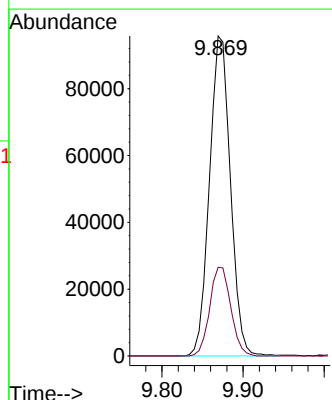
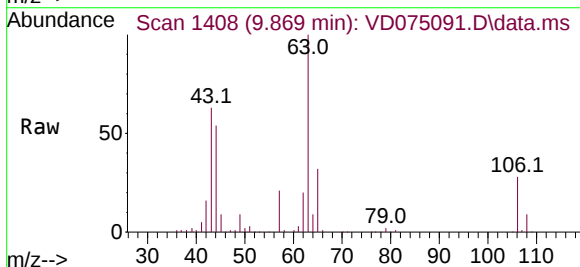
Acq: 09 Jan 2023 13:54

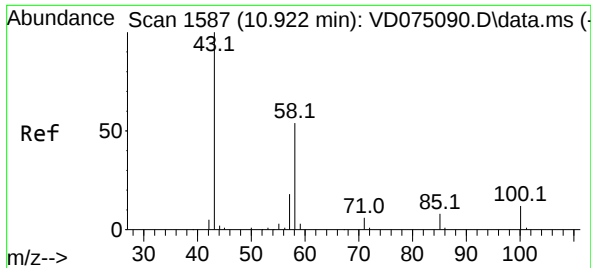
Tgt Ion: 63 Resp: 171697

Ion Ratio Lower Upper

63 100

106 27.8 23.6 35.4

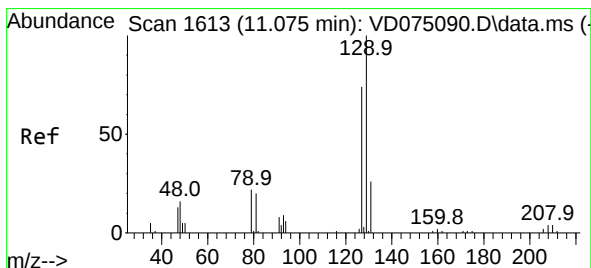
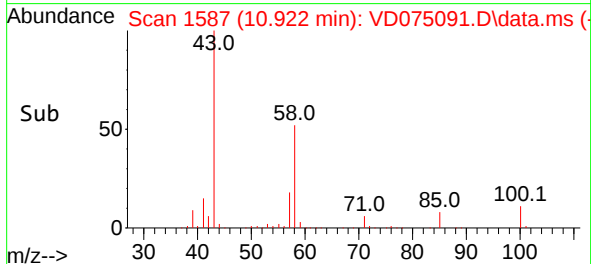
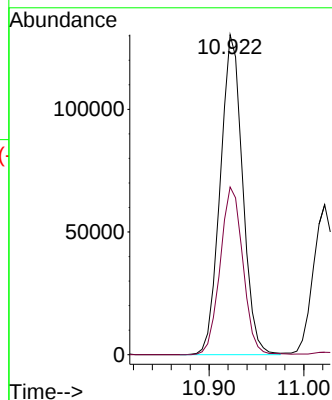
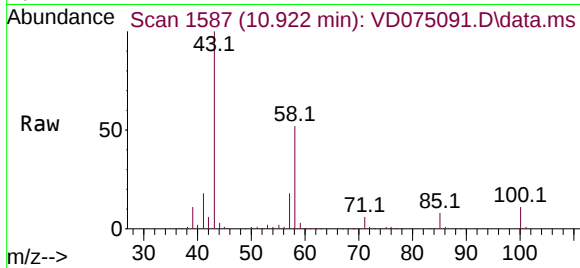




#59
2-Hexanone
Concen: 483.979 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

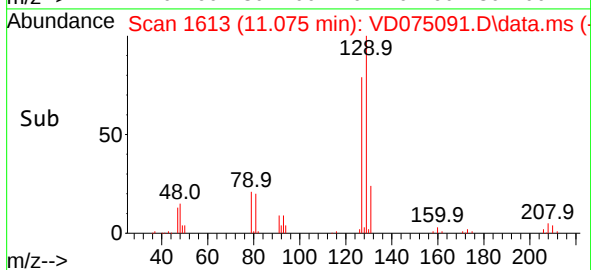
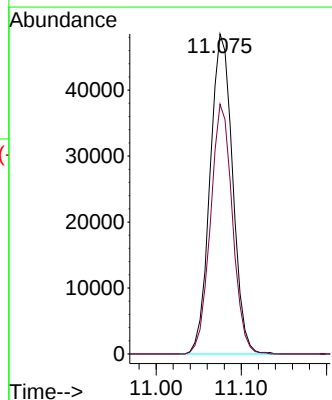
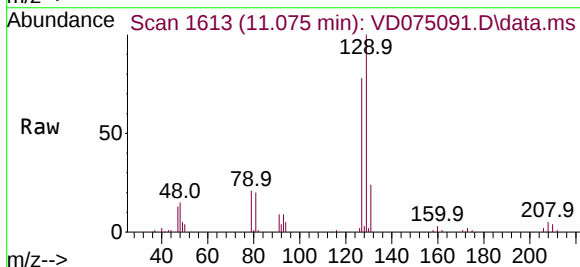
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

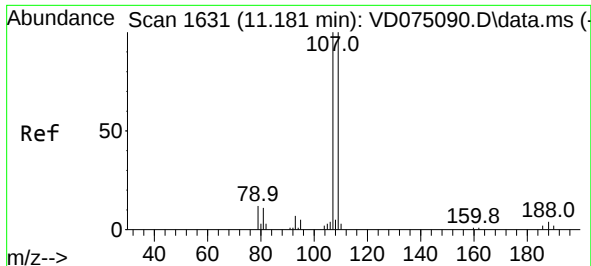
Tgt Ion: 43 Resp: 213914
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.8



#60
Dibromochloromethane
Concen: 96.612 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 129 Resp: 89016
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0

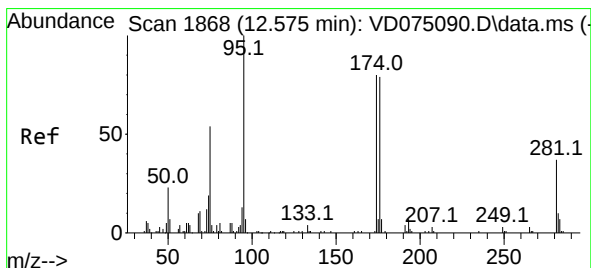
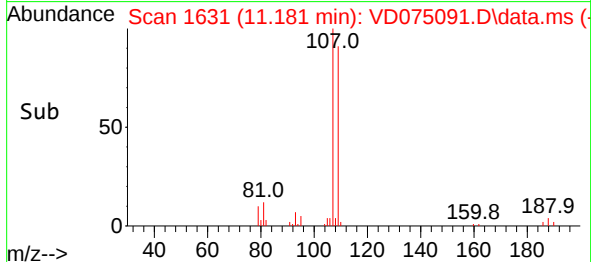
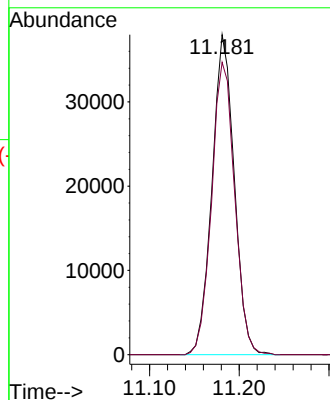
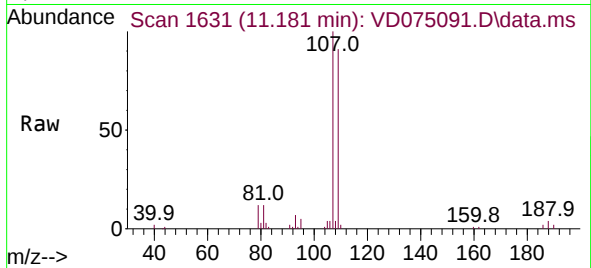




#61
1,2-Dibromoethane
Concen: 92.413 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

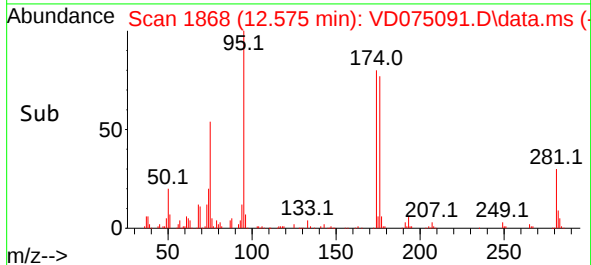
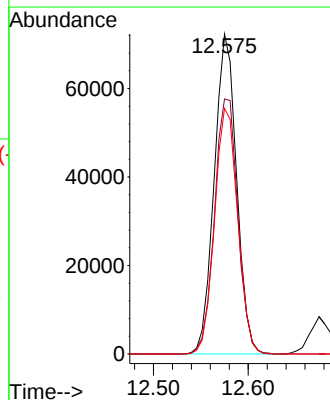
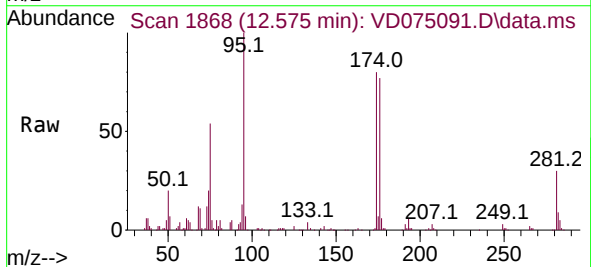
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

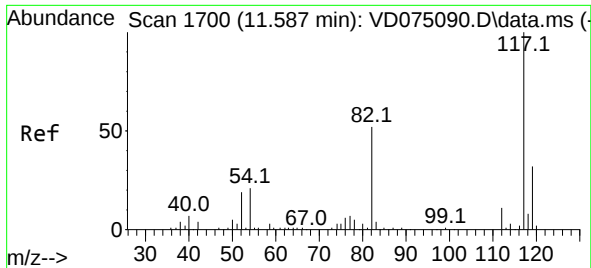
Tgt Ion:107 Resp: 65291
Ion Ratio Lower Upper
107 100
109 94.8 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 88.467 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 95 Resp: 118331
Ion Ratio Lower Upper
95 100
174 83.3 0.0 168.4
176 79.4 0.0 163.8

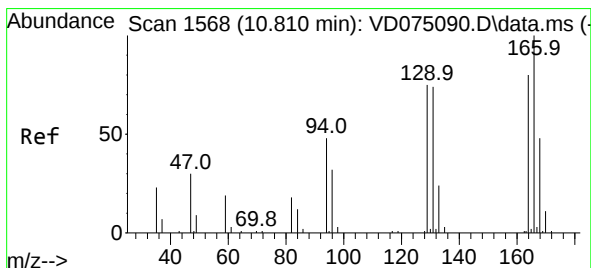
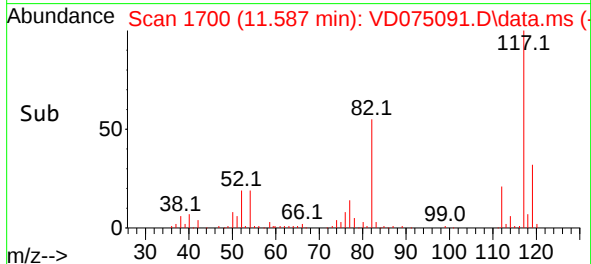
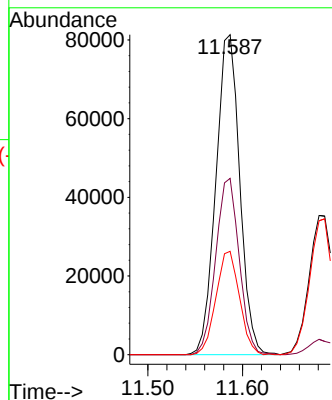
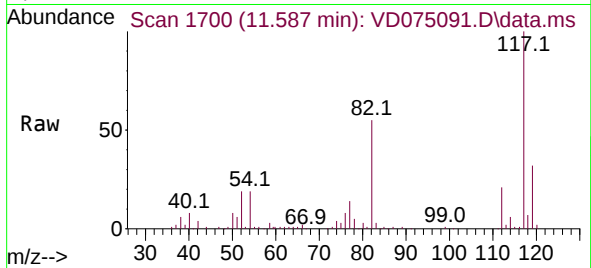




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

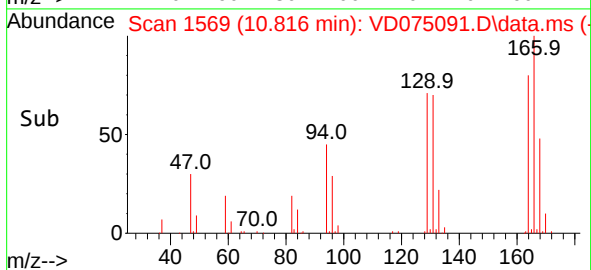
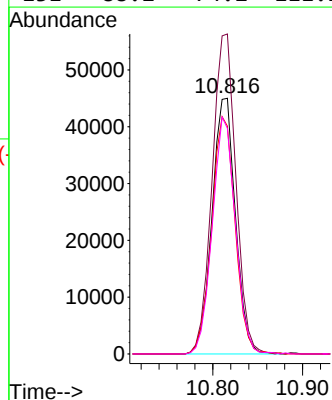
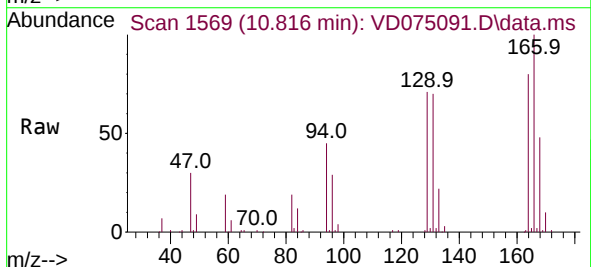
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

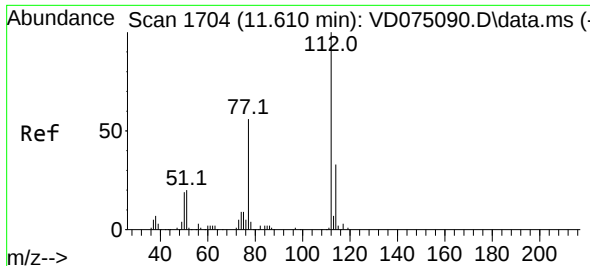
Tgt Ion:117 Resp: 142677
Ion Ratio Lower Upper
117 100
82 55.1 41.3 61.9
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 89.303 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion:164 Resp: 81706
Ion Ratio Lower Upper
164 100
166 125.2 100.3 150.5
129 89.1 75.8 113.6
131 88.2 74.2 111.2

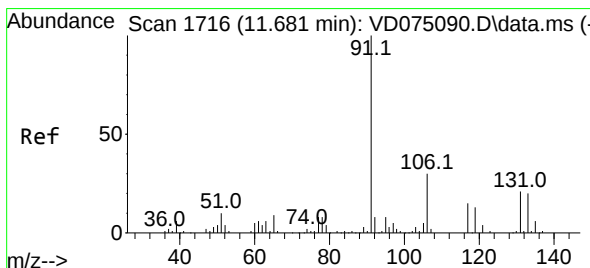
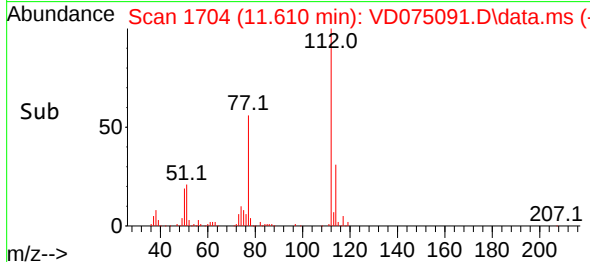
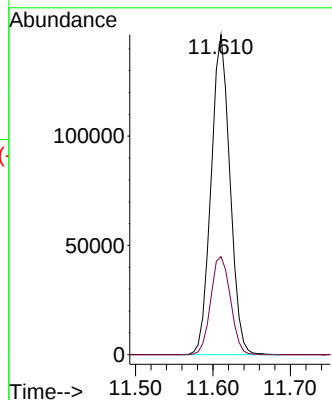
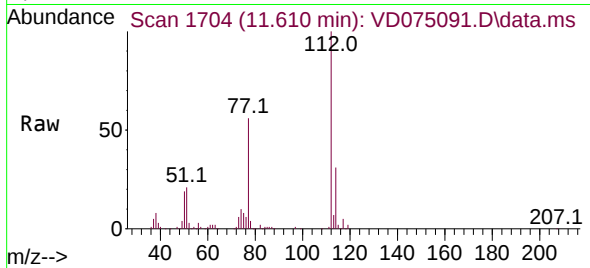




#65
Chlorobenzene
Concen: 92.322 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

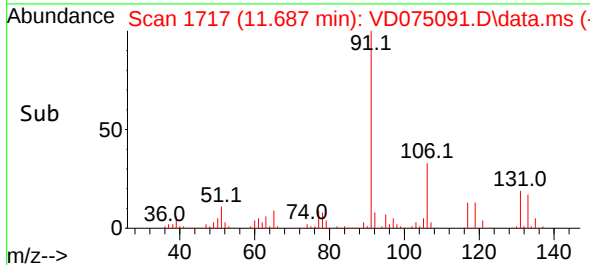
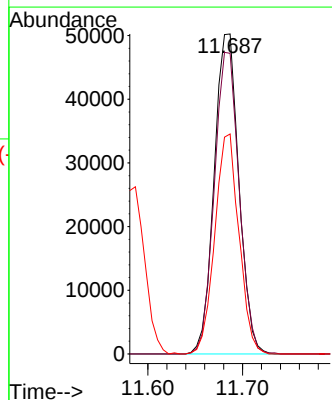
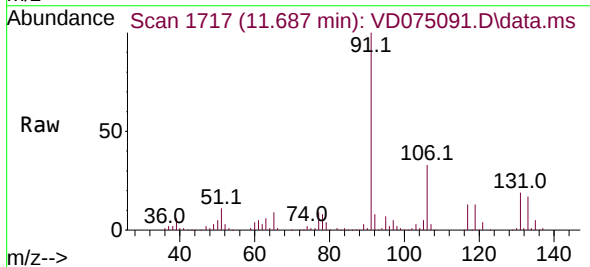
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

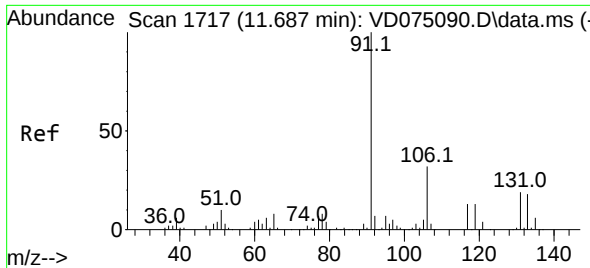
Tgt Ion:112 Resp: 247930
Ion Ratio Lower Upper
112 100
114 30.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 95.960 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion:131 Resp: 91060
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.2
119 67.2 33.4 100.2

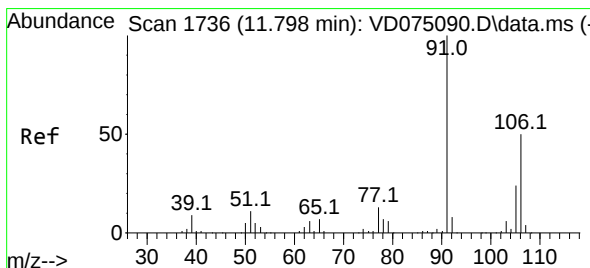
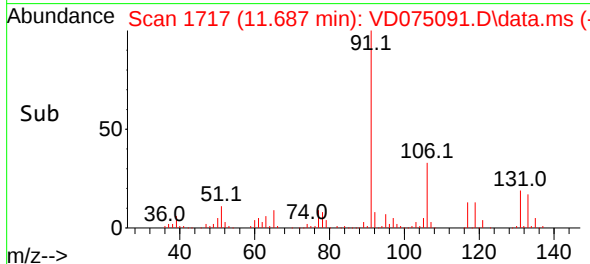
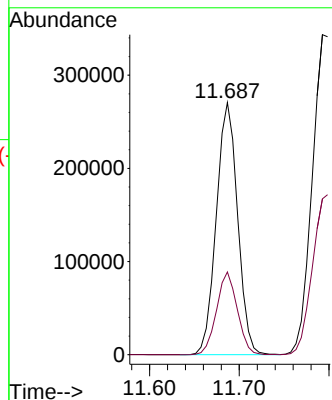
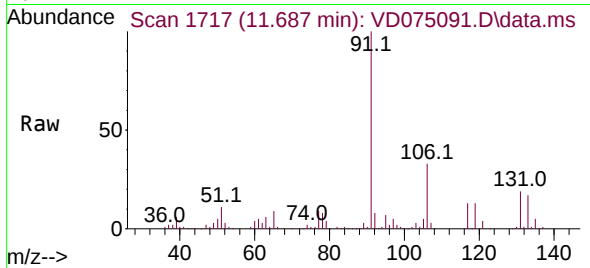




#67
Ethyl Benzene
Concen: 93.237 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

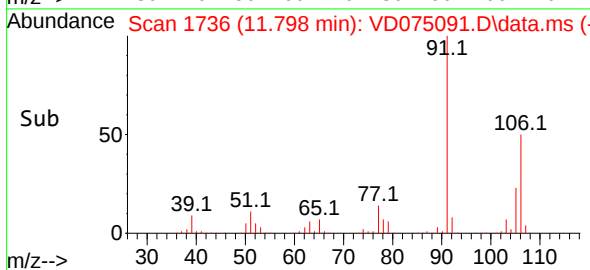
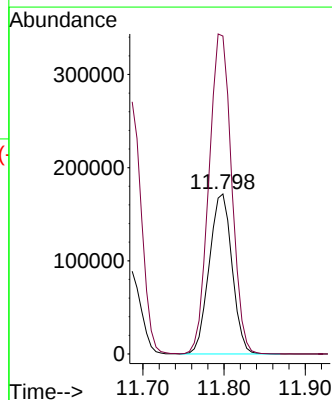
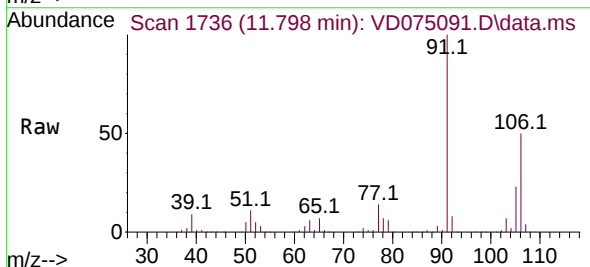
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

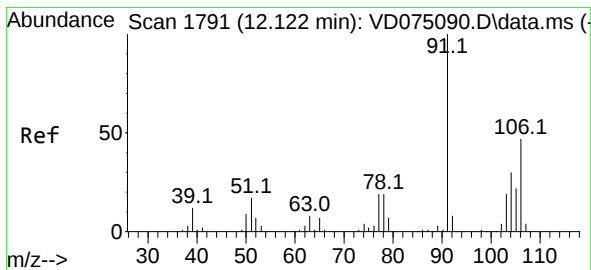
Tgt Ion: 91 Resp: 445855
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.6



#68
m/p-Xylenes
Concen: 181.839 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion:106 Resp: 335172
Ion Ratio Lower Upper
106 100
91 198.9 157.9 236.9

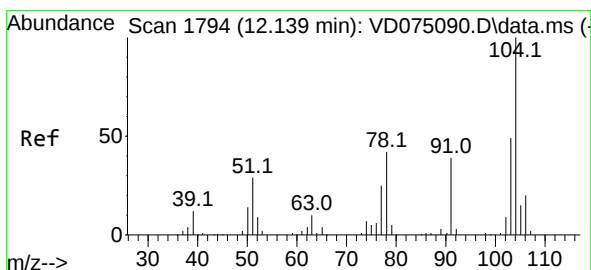
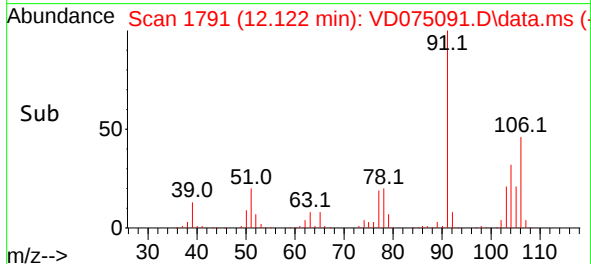
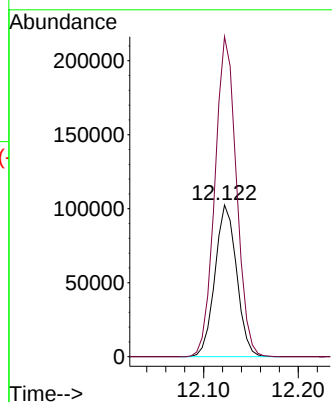
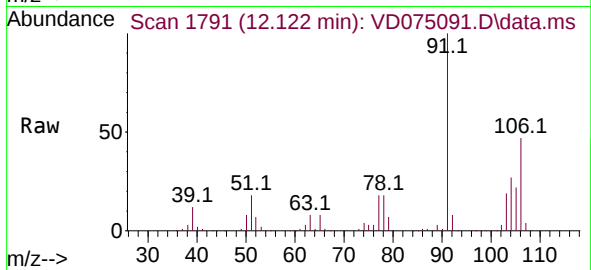




#69
o-Xylene
Concen: 91.079 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

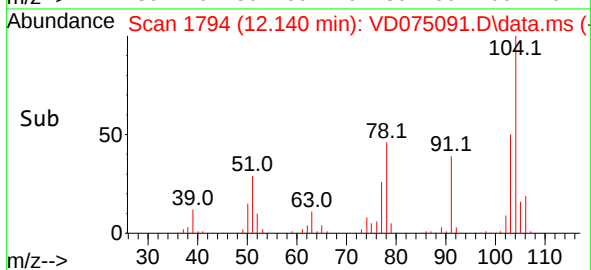
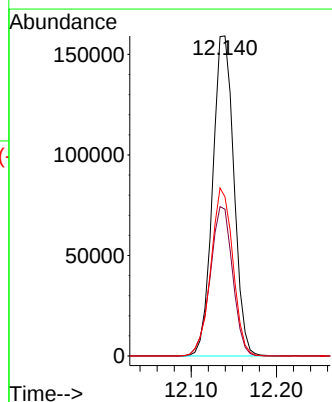
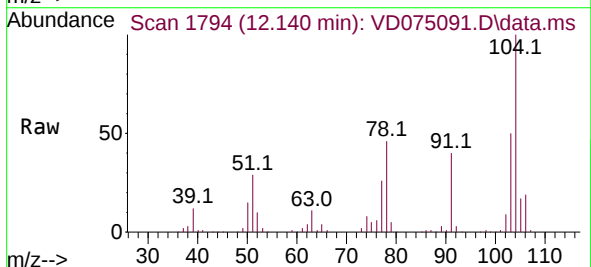
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

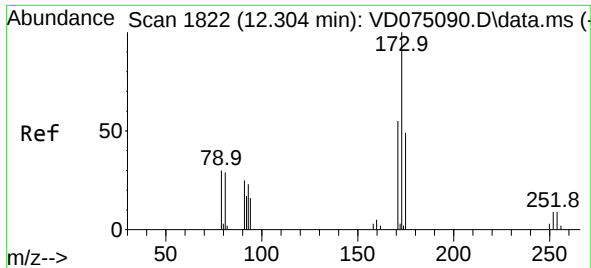
Tgt Ion:106 Resp: 162706
Ion Ratio Lower Upper
106 100
91 210.2 104.5 313.3



#70
Styrene
Concen: 92.262 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion:104 Resp: 275464
Ion Ratio Lower Upper
104 100
78 49.2 38.2 57.2
103 54.4 43.9 65.9

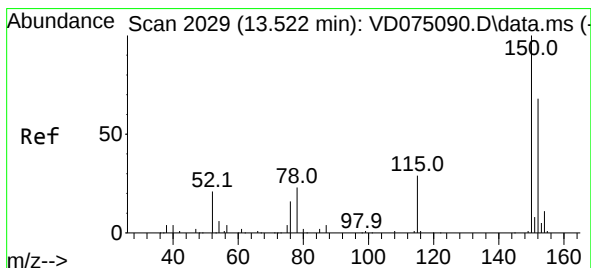
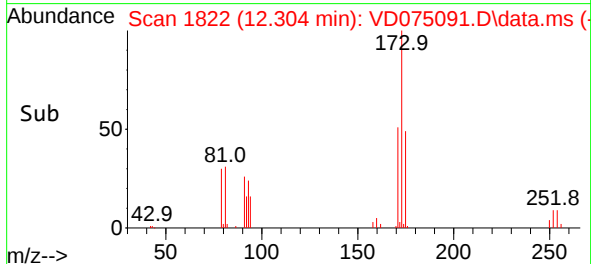
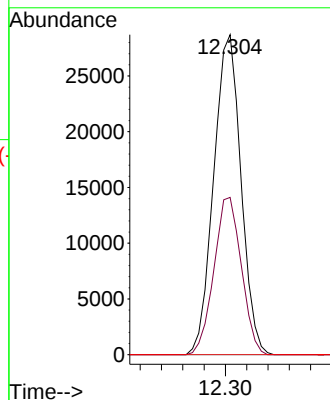
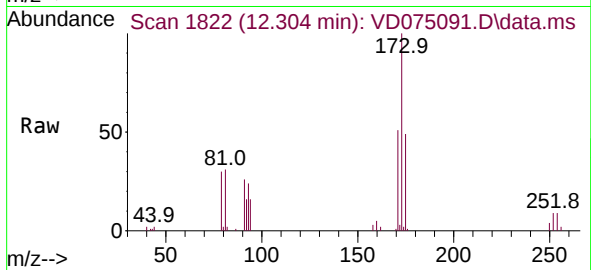




#71
Bromoform
Concen: 99.886 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

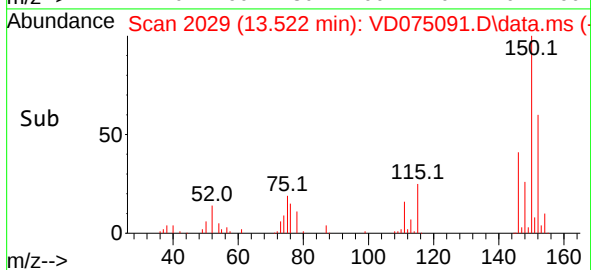
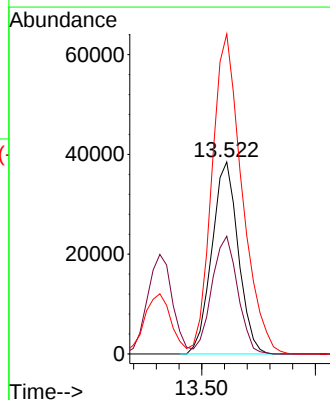
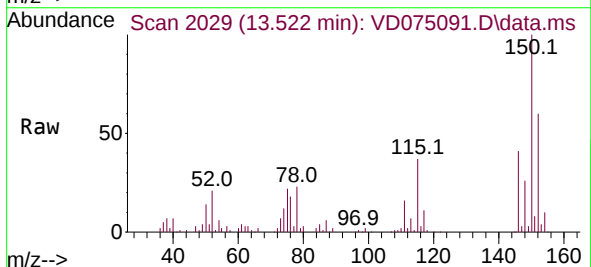
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

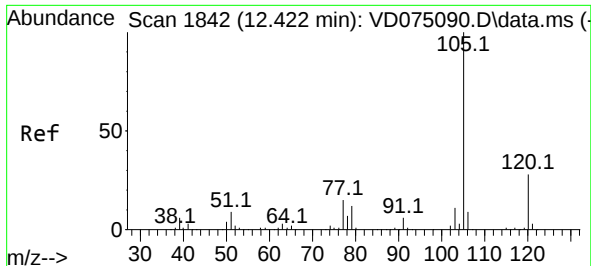
Tgt Ion:173 Resp: 50945
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion:152 Resp: 62050
Ion Ratio Lower Upper
152 100
115 60.1 28.7 86.1
150 190.2 0.0 343.2

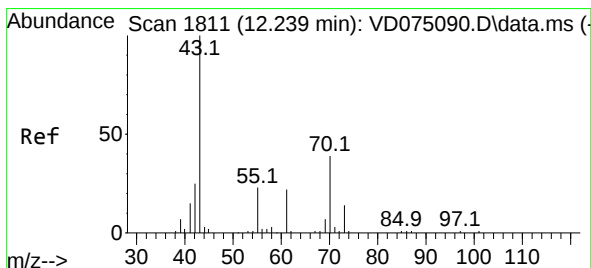
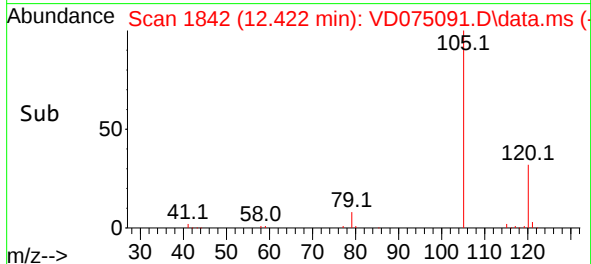
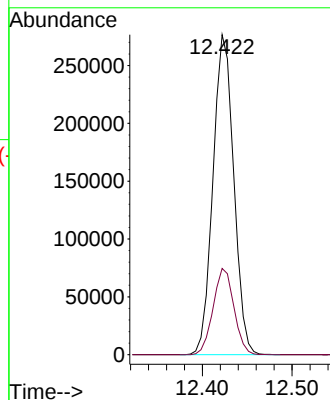
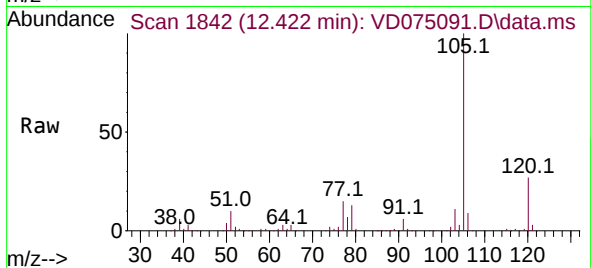




#73
Isopropylbenzene
Concen: 95.842 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

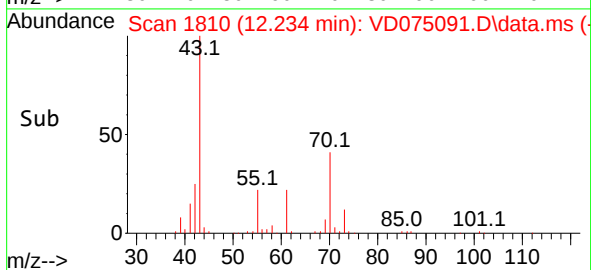
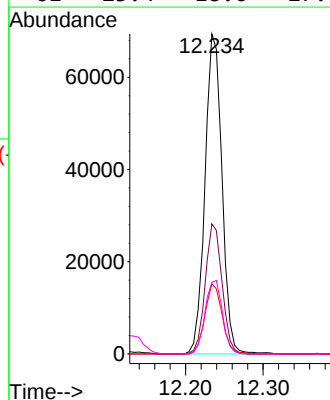
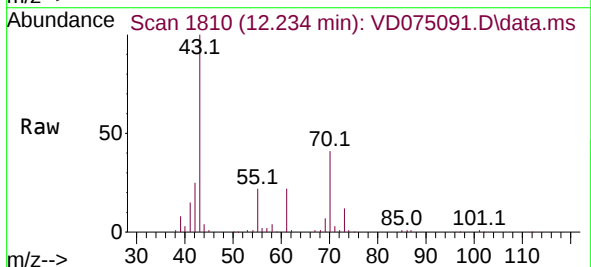
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

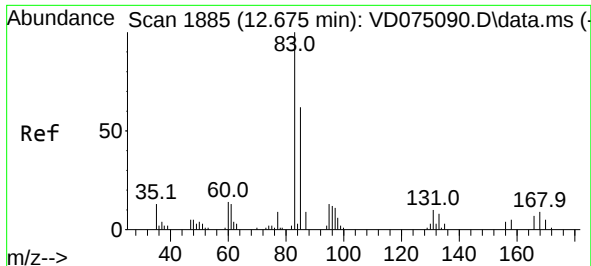
Tgt Ion:105 Resp: 444650
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#74
N-ethyl acetate
Concen: 100.164 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 43 Resp: 105553
Ion Ratio Lower Upper
43 100
70 40.2 33.4 50.0
55 22.2 17.4 26.0
61 23.4 18.6 27.8

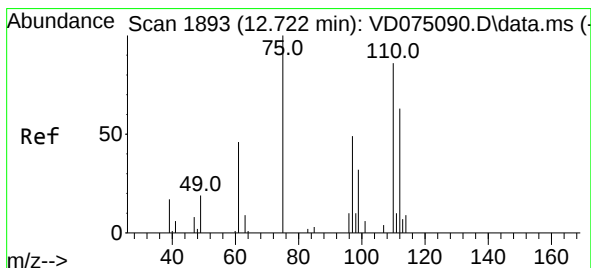
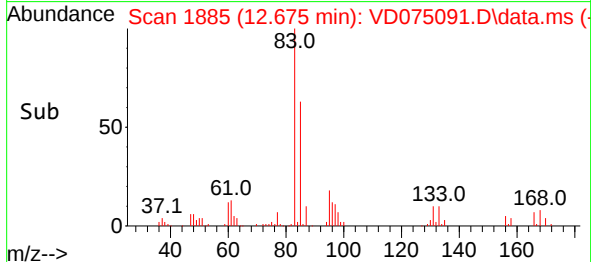
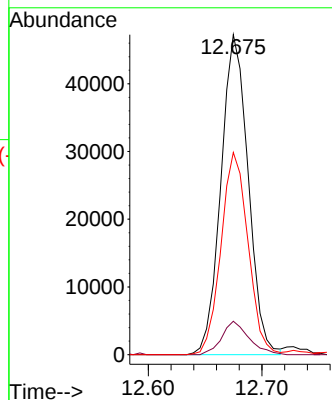
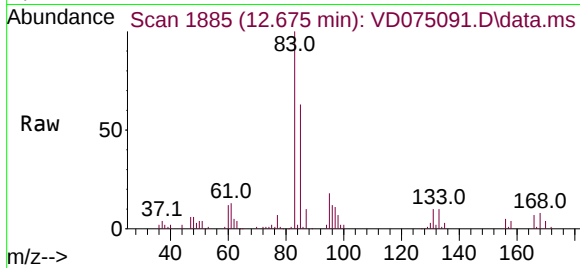




#75
1,1,2,2-Tetrachloroethane
Concen: 99.039 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

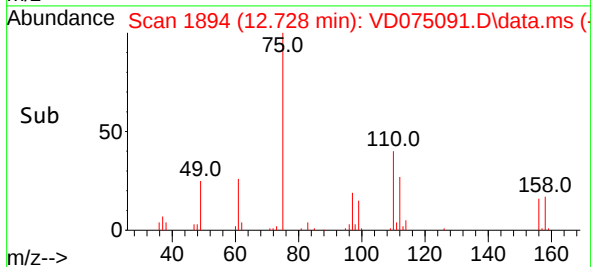
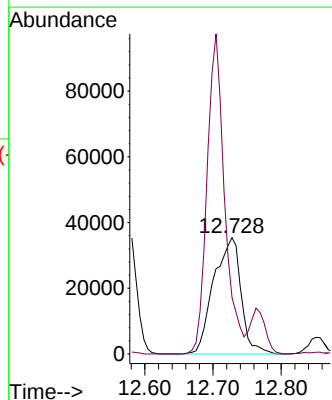
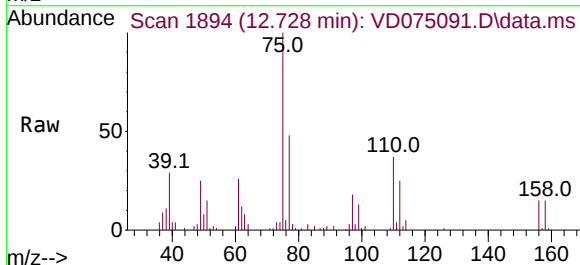
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

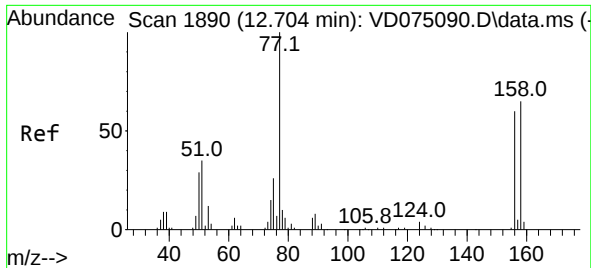
Tgt Ion: 83 Resp: 78748
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 62.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 151.960 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 75 Resp: 98675
Ion Ratio Lower Upper
75 100
77 0.0 149.0 447.1#

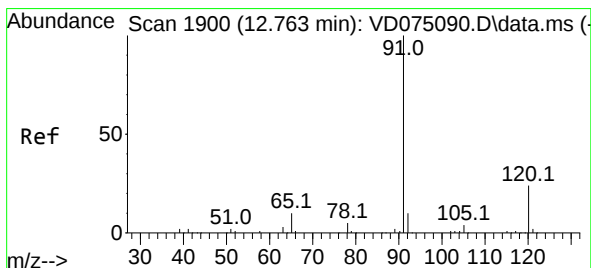
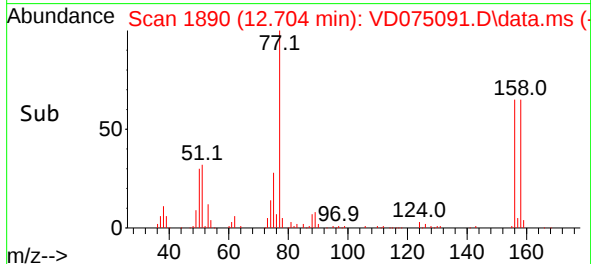
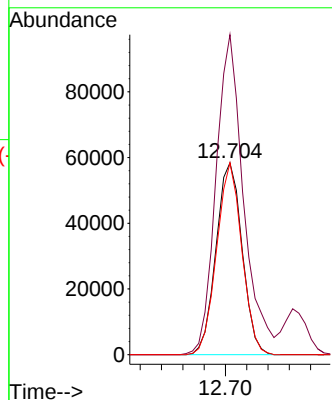
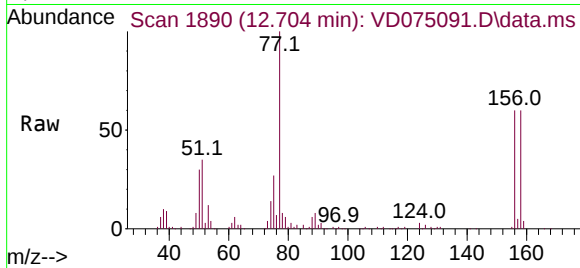




#77
Bromobenzene
Concen: 97.649 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

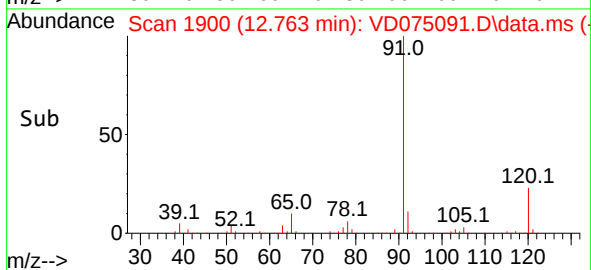
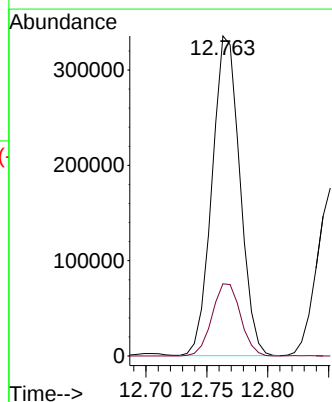
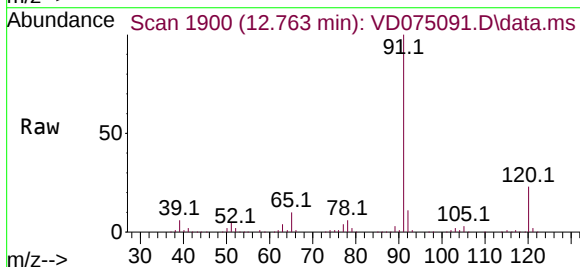
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

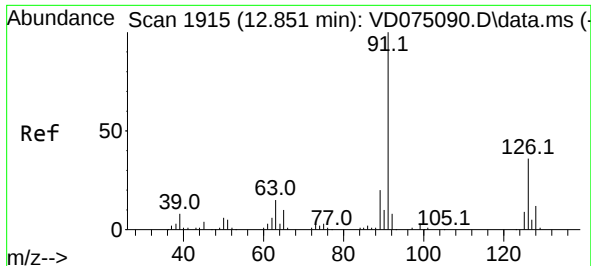
Tgt Ion:156 Resp: 99178
Ion Ratio Lower Upper
156 100
77 176.4 90.8 272.5
158 96.5 49.4 148.0



#78
n-propylbenzene
Concen: 95.661 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 91 Resp: 532279
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0

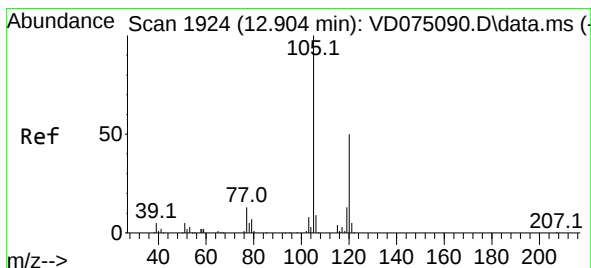
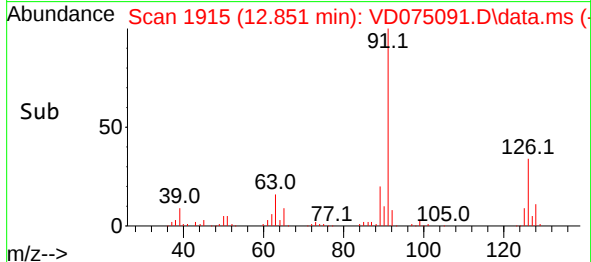
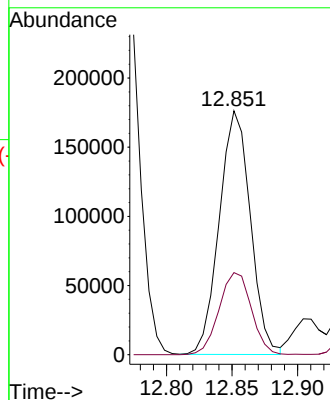
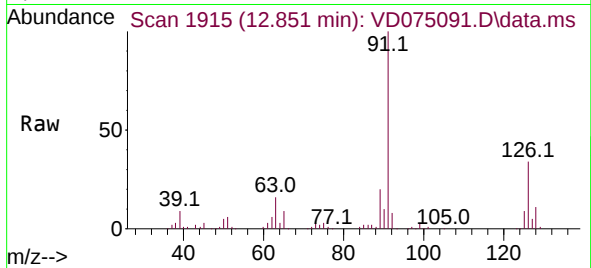




#79
2-Chlorotoluene
Concen: 95.281 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

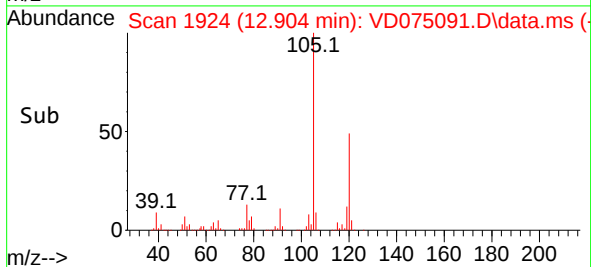
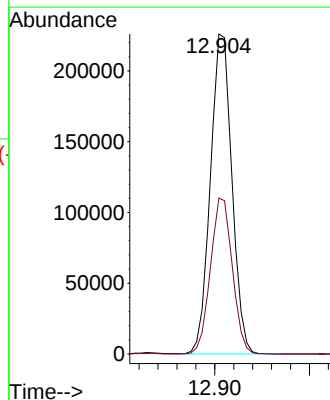
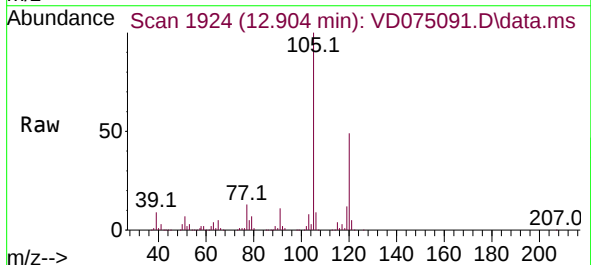
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

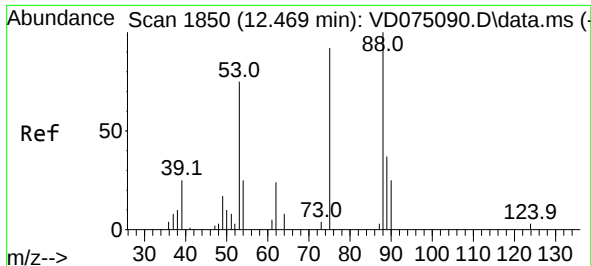
Tgt Ion: 91 Resp: 291364
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 94.795 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 105 Resp: 356788
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.3

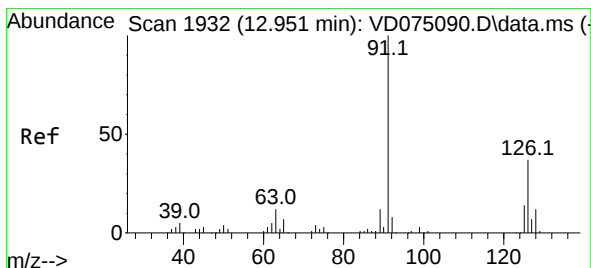
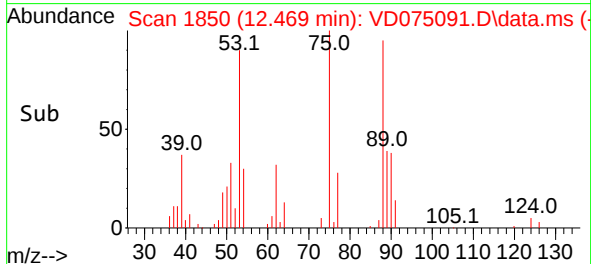
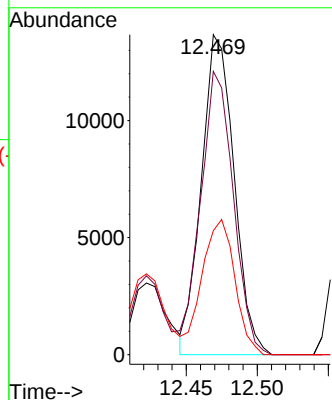
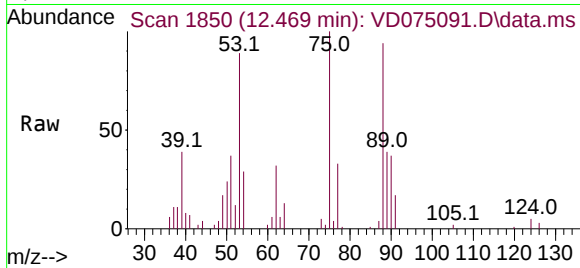




#81
trans-1,4-Dichloro-2-butene
Concen: 98.099 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

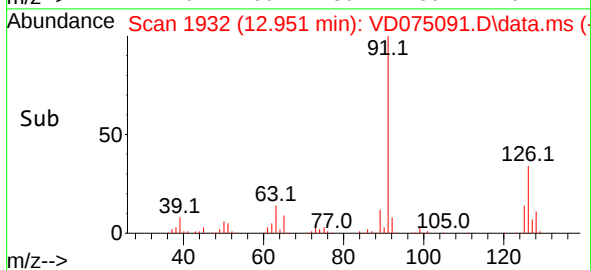
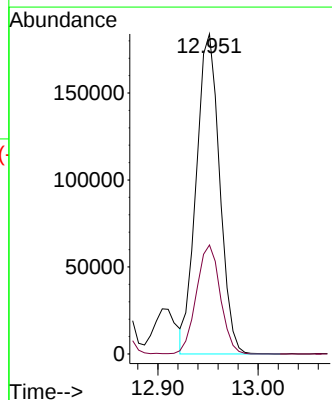
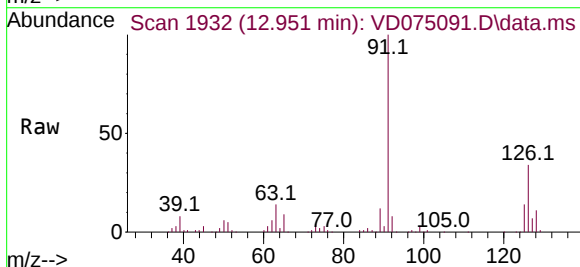
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

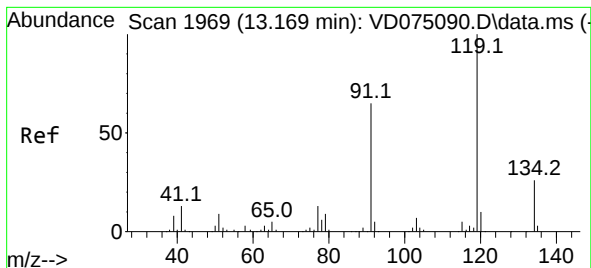
Tgt Ion: 75 Resp: 21870
Ion Ratio Lower Upper
75 100
53 90.1 68.6 103.0
89 42.7 33.4 50.0



#82
4-Chlorotoluene
Concen: 95.128 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 91 Resp: 297974
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.8





#83

tert-Butylbenzene

Concen: 96.102 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

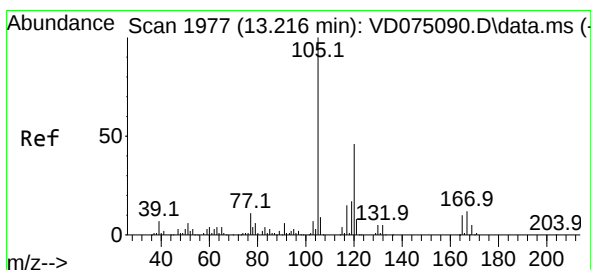
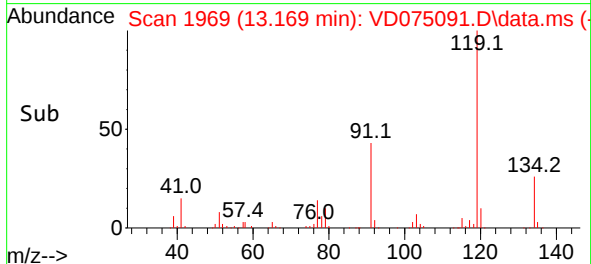
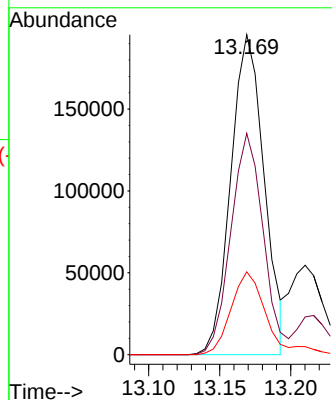
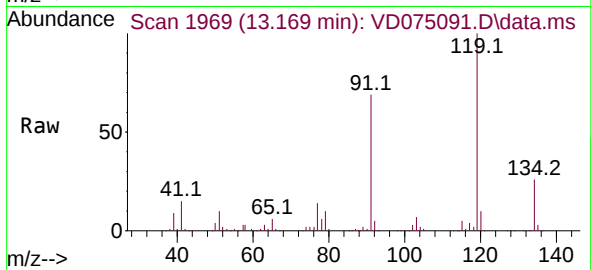
Tgt Ion:119 Resp: 319235

Ion Ratio Lower Upper

119 100

91 67.4 32.6 97.8

134 27.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 96.241 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075091.D

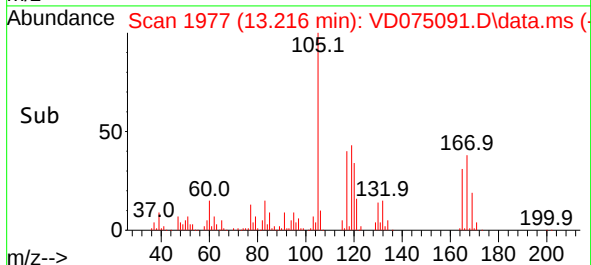
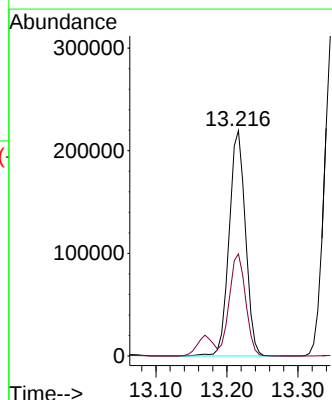
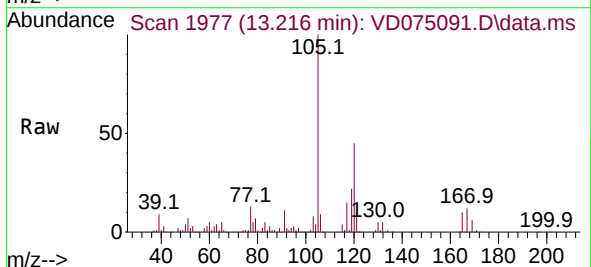
Acq: 09 Jan 2023 13:54

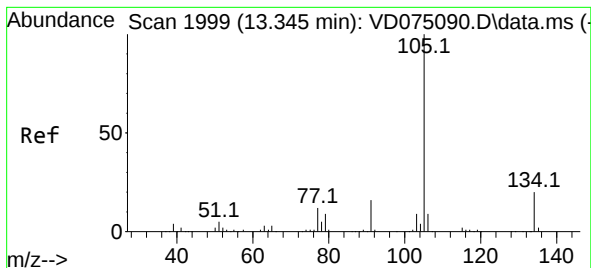
Tgt Ion:105 Resp: 350072

Ion Ratio Lower Upper

105 100

120 45.2 22.8 68.4





#85

sec-Butylbenzene

Concen: 96.209 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

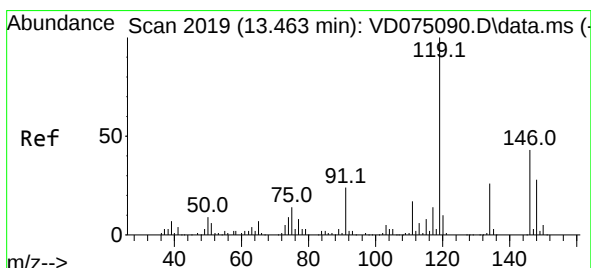
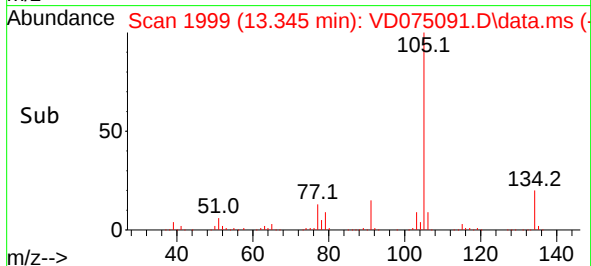
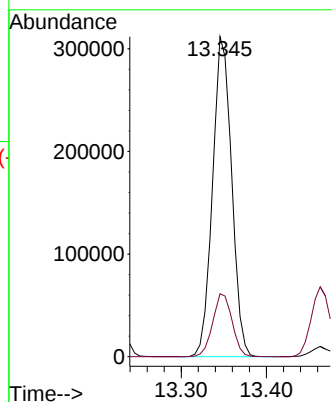
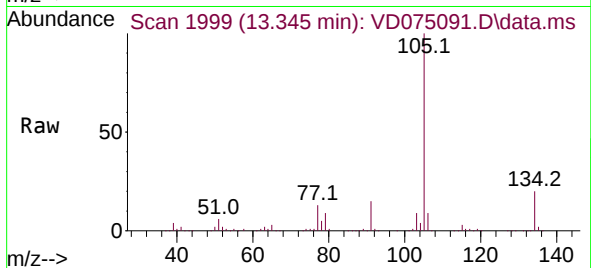
VSTDIC100

Tgt Ion:105 Resp: 484239

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 96.918 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

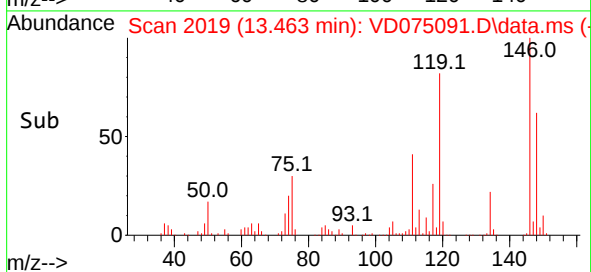
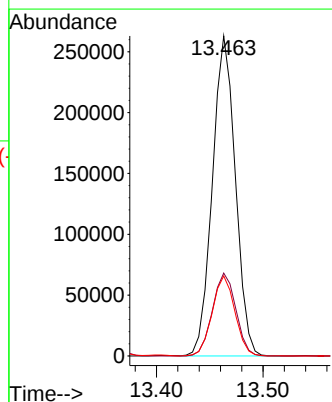
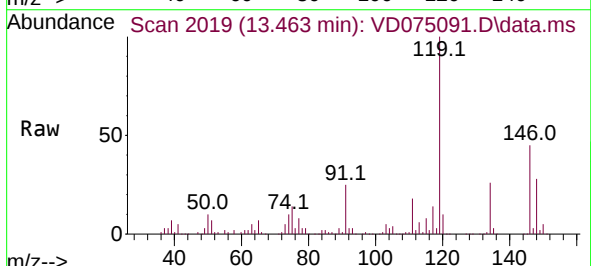
Tgt Ion:119 Resp: 394035

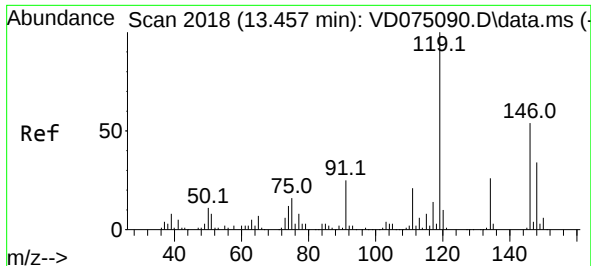
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 24.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 95.443 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

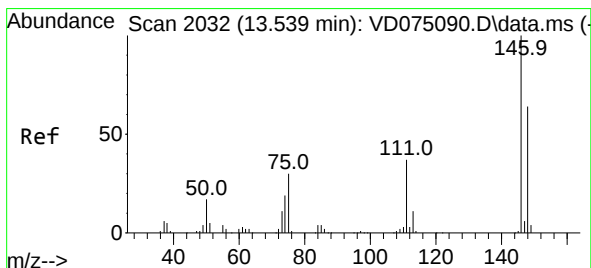
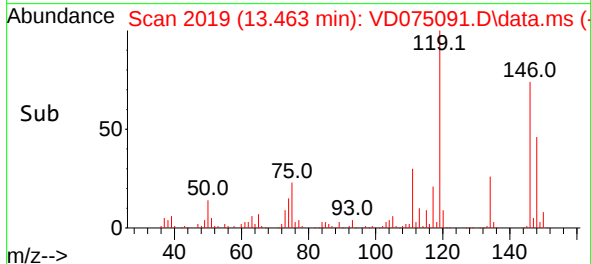
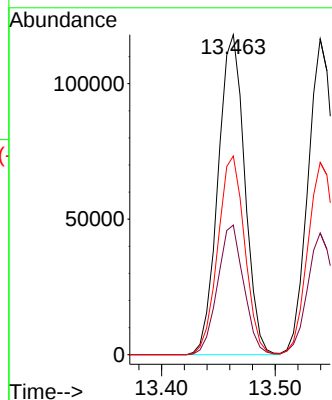
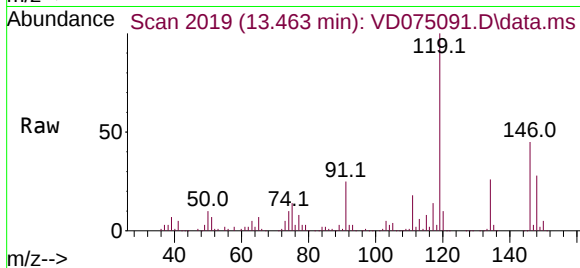
Tgt Ion:146 Resp: 193007

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 62.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 93.318 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

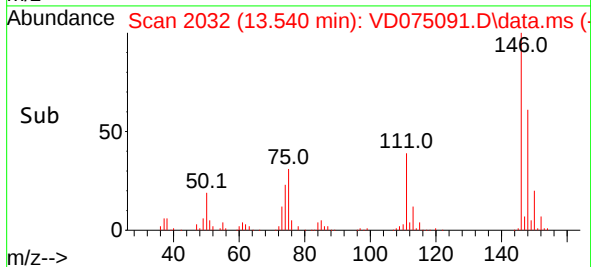
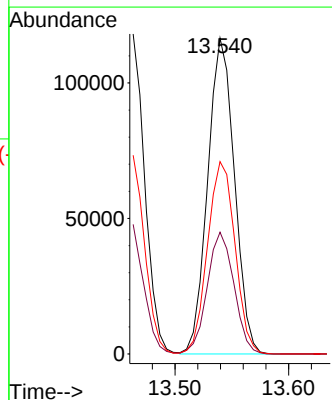
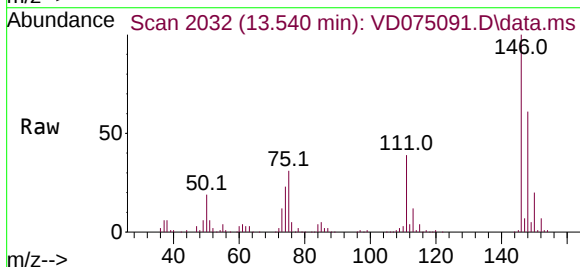
Tgt Ion:146 Resp: 190823

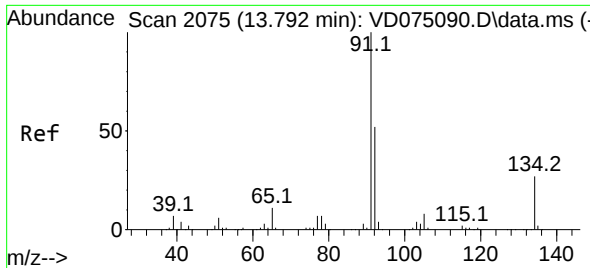
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.8

148 62.6 31.4 94.0

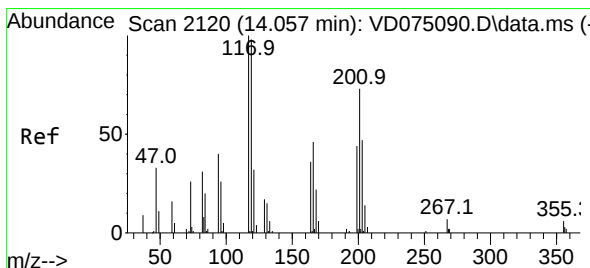
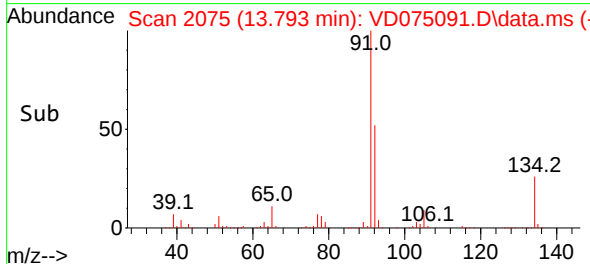
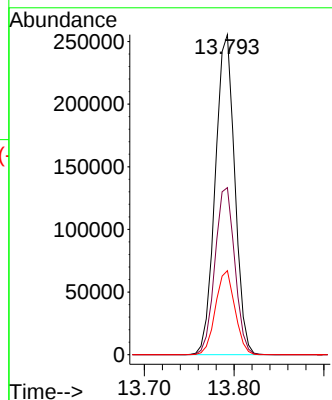
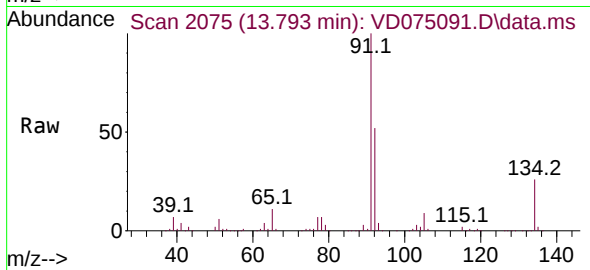




#89
n-Butylbenzene
Concen: 96.326 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

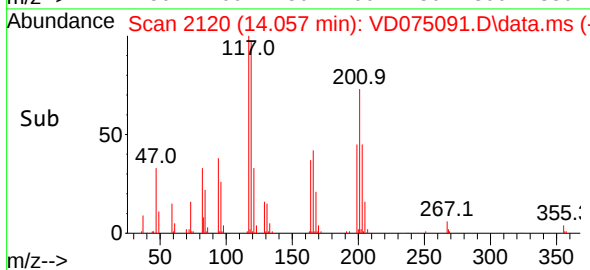
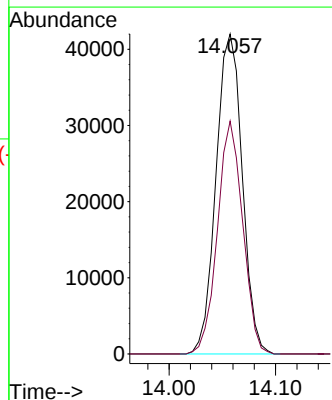
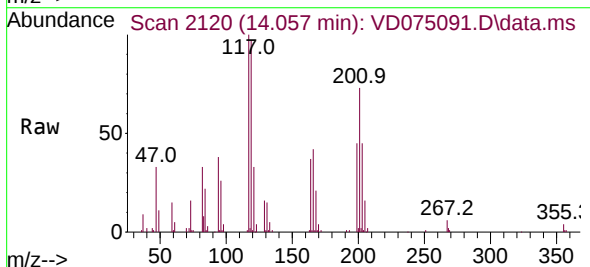
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

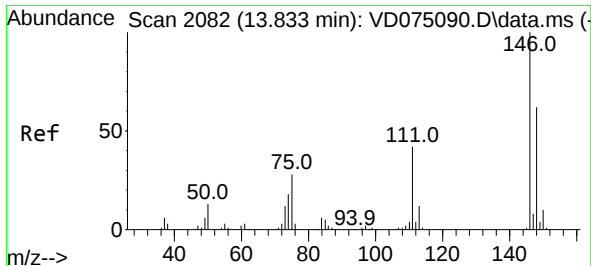
Tgt Ion: 91 Resp: 385157
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 101.412 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075091.D
Acq: 09 Jan 2023 13:54

Tgt Ion: 117 Resp: 71868
Ion Ratio Lower Upper
117 100
201 70.0 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 95.282 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

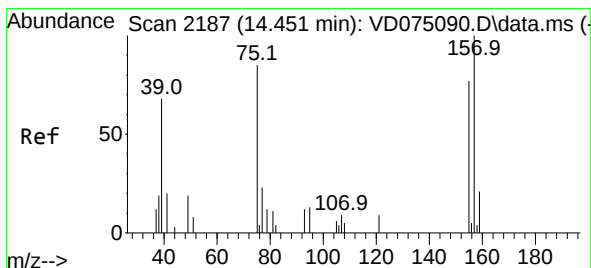
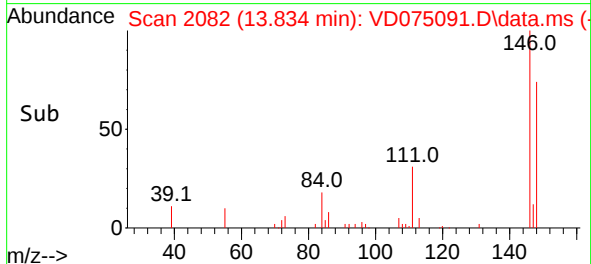
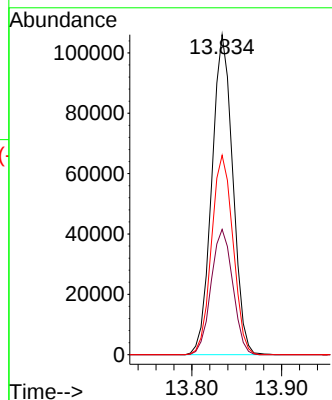
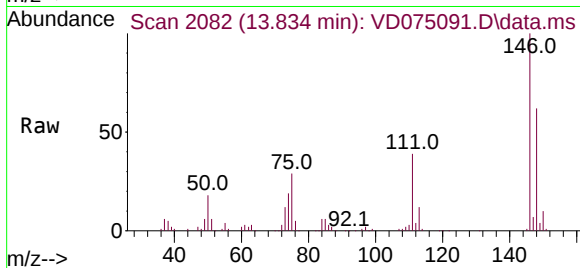
Tgt Ion:146 Resp: 172458

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.5

148 63.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 94.935 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

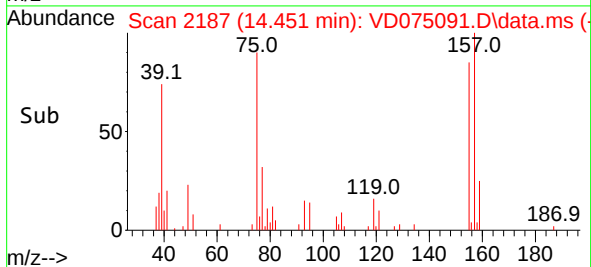
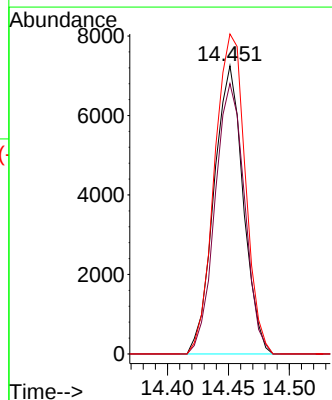
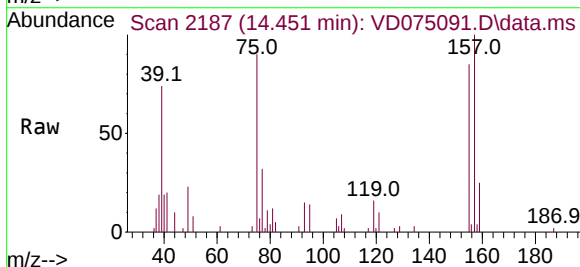
Tgt Ion: 75 Resp: 12139

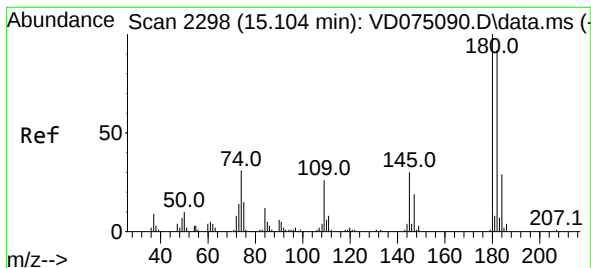
Ion Ratio Lower Upper

75 100

155 94.5 45.4 136.2

157 116.5 60.1 180.2





#93

1,2,4-Trichlorobenzene

Concen: 101.165 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

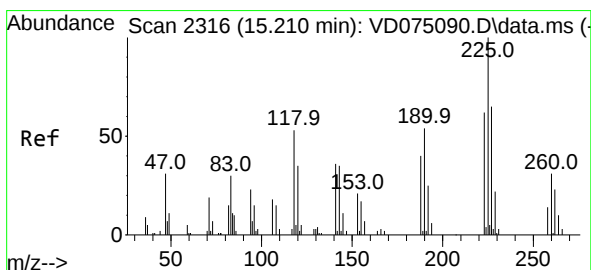
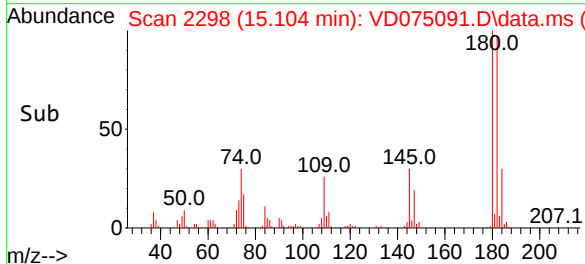
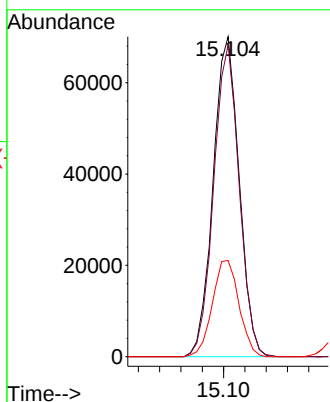
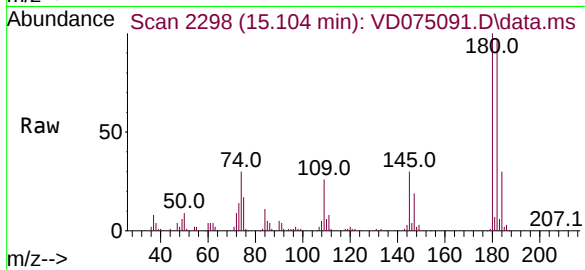
Tgt Ion:180 Resp: 118399

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 30.9 15.7 47.0



#94

Hexachlorobutadiene

Concen: 102.146 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

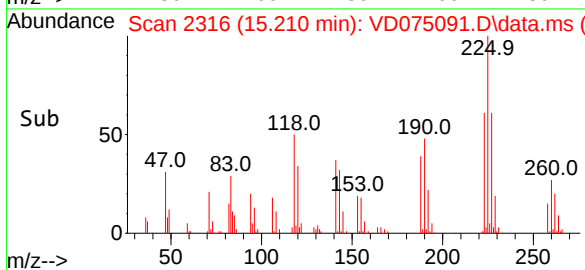
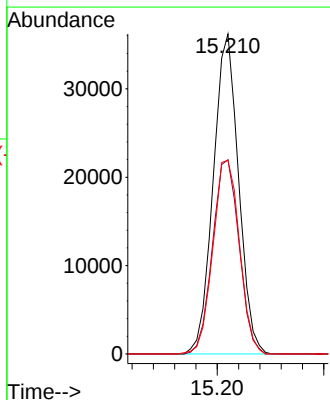
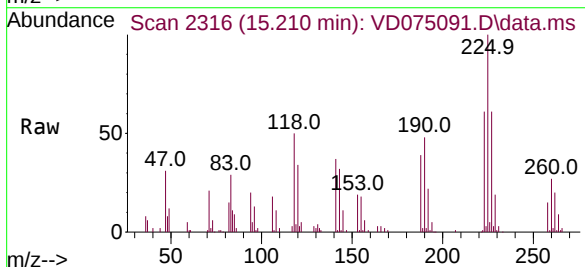
Tgt Ion:225 Resp: 59595

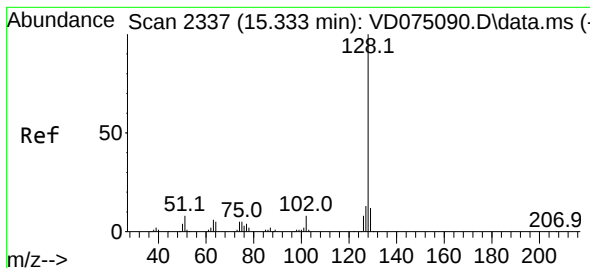
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.5

227 63.8 31.1 93.3





#95

Naphthalene

Concen: 102.776 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

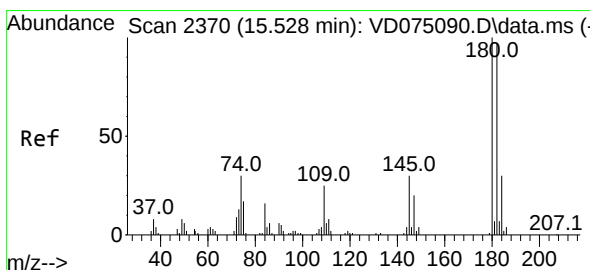
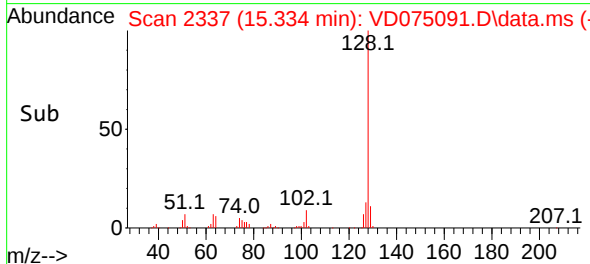
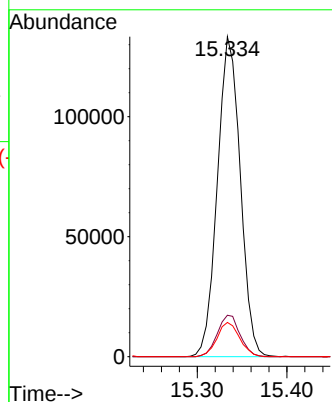
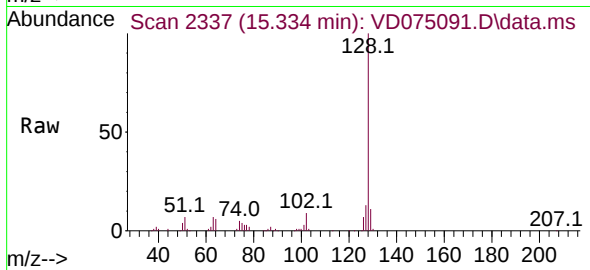
Tgt Ion:128 Resp: 236189

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 101.210 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD075091.D

Acq: 09 Jan 2023 13:54

Tgt Ion:180 Resp: 102318

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.3

145 32.7 16.0 48.0

