

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
 Data File : VD075044.D
 Acq On : 22 Dec 2022 12:20
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 22 14:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 22 14:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	153480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75407	50.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.360%	
35) Dibromofluoromethane	7.804	113	79570	49.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.580%	
50) Toluene-d8	10.269	98	318860	48.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	12.575	95	102905	48.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	32803	40.625	ug/l	96
3) Chloromethane	2.146	50	60521	41.870	ug/l	98
4) Vinyl Chloride	2.275	62	55389	46.514	ug/l	100
5) Bromomethane	2.681	94	26377	44.492	ug/l	99
6) Chloroethane	2.828	64	36148	49.204	ug/l	99
7) Trichlorofluoromethane	3.169	101	85276	44.641	ug/l	93
8) Diethyl Ether	3.587	74	35495	47.047	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	61481	44.887	ug/l	98
10) Methyl Iodide	4.158	142	54672	50.445	ug/l	98
11) Tert butyl alcohol	5.058	59	28929	204.669	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	59249	43.880	ug/l #	85
13) Acrolein	3.793	56	40748	210.603	ug/l	97
14) Allyl chloride	4.558	41	110890	47.065	ug/l #	91
15) Acrylonitrile	5.252	53	95176	243.141	ug/l	99
16) Acetone	4.022	43	104216	271.016	ug/l	99
17) Carbon Disulfide	4.269	76	113935	40.816	ug/l	98
18) Methyl Acetate	4.563	43	45824	41.113	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	172785	47.774	ug/l #	90
20) Methylene Chloride	4.799	84	88017	36.306	ug/l #	83
21) trans-1,2-Dichloroethene	5.310	96	65926	44.280	ug/l #	85
22) Diisopropyl ether	6.216	45	238676	46.910	ug/l #	93
23) Vinyl Acetate	6.157	43	605971	251.691	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	135557	46.167	ug/l	97
25) 2-Butanone	7.087	43	129845	243.299	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	119290	44.827	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	87671	45.837	ug/l	90
28) Bromochloromethane	7.422	49	49291	47.548	ug/l #	77
29) Tetrahydrofuran	7.446	42	71733	230.221	ug/l #	84
30) Chloroform	7.599	83	136111	46.719	ug/l	98
31) Cyclohexane	7.875	56	98845	39.552	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	112420	45.784	ug/l	95
36) 1,1-Dichloropropene	8.004	75	92661	44.614	ug/l	98
37) Ethyl Acetate	7.169	43	49018	47.740	ug/l	97
38) Carbon Tetrachloride	7.993	117	83894	46.922	ug/l	98
39) Methylcyclohexane	9.275	83	109093	42.879	ug/l	92
40) Benzene	8.251	78	291677	45.539	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30337	46.759	ug/l	91
42) 1,2-Dichloroethane	8.328	62	77362	47.956	ug/l	99
43) Isopropyl Acetate	8.363	43	100674	47.156	ug/l #	90
44) Trichloroethene	9.028	130	79318	45.945	ug/l	97
45) 1,2-Dichloropropane	9.304	63	80387	46.457	ug/l	93
46) Dibromomethane	9.393	93	40001	47.323	ug/l	99
47) Bromodichloromethane	9.587	83	105804	47.764	ug/l	100
48) Methyl methacrylate	9.381	41	45049	46.076	ug/l	87
49) 1,4-Dioxane	9.387	88	10721	969.092	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	256033	239.969	ug/l	92
52) Toluene	10.334	92	183070	44.848	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	105114	47.715	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	125002	47.134	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	59856	47.664	ug/l	97
56) Ethyl methacrylate	10.598	69	79274	46.139	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	101098	47.468	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	167078	245.646	ug/l	94
59) 2-Hexanone	10.922	43	191099	247.337	ug/l	92
60) Dibromochloromethane	11.075	129	68985	48.122	ug/l	99
61) 1,2-Dibromoethane	11.181	107	54020	47.492	ug/l	98
64) Tetrachloroethene	10.810	164	60525	43.681	ug/l	96
65) Chlorobenzene	11.610	112	200337	46.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	70765	47.350	ug/l	98
67) Ethyl Benzene	11.687	91	356748	45.264	ug/l	99
68) m/p-Xylenes	11.792	106	269838	90.254	ug/l	99
69) o-Xylene	12.122	106	133388	45.512	ug/l	99
70) Styrene	12.134	104	225768	46.216	ug/l	97
71) Bromoform	12.298	173	39659	49.398	ug/l #	98
73) Isopropylbenzene	12.422	105	348300	45.089	ug/l	99
74) N-amyl acetate	12.234	43	89936	45.512	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	66056	46.107	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	47144m	44.581	ug/l	
77) Bromobenzene	12.704	156	75925	46.346	ug/l	90
78) n-propylbenzene	12.763	91	422089	44.578	ug/l	100
79) 2-Chlorotoluene	12.851	91	233989	45.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	279156	44.792	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21320	46.816	ug/l	93
82) 4-Chlorotoluene	12.945	91	240346	44.671	ug/l	96
83) tert-Butylbenzene	13.169	119	248805	45.136	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	272570	44.896	ug/l	99
85) sec-Butylbenzene	13.345	105	377210	44.756	ug/l	99
86) p-Isopropyltoluene	13.463	119	299716	44.791	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	145523	45.478	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	146066	45.586	ug/l	98
89) n-Butylbenzene	13.786	91	296356	44.201	ug/l	99
90) Hexachloroethane	14.057	117	54176	45.620	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	132634	46.692	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10102	49.701	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	86493	47.635	ug/l	97
94) Hexachlorobutadiene	15.210	225	41683	45.730	ug/l	99
95) Naphthalene	15.333	128	188441	48.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	75051	47.610	ug/l	97

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Response via : Initial Calibration

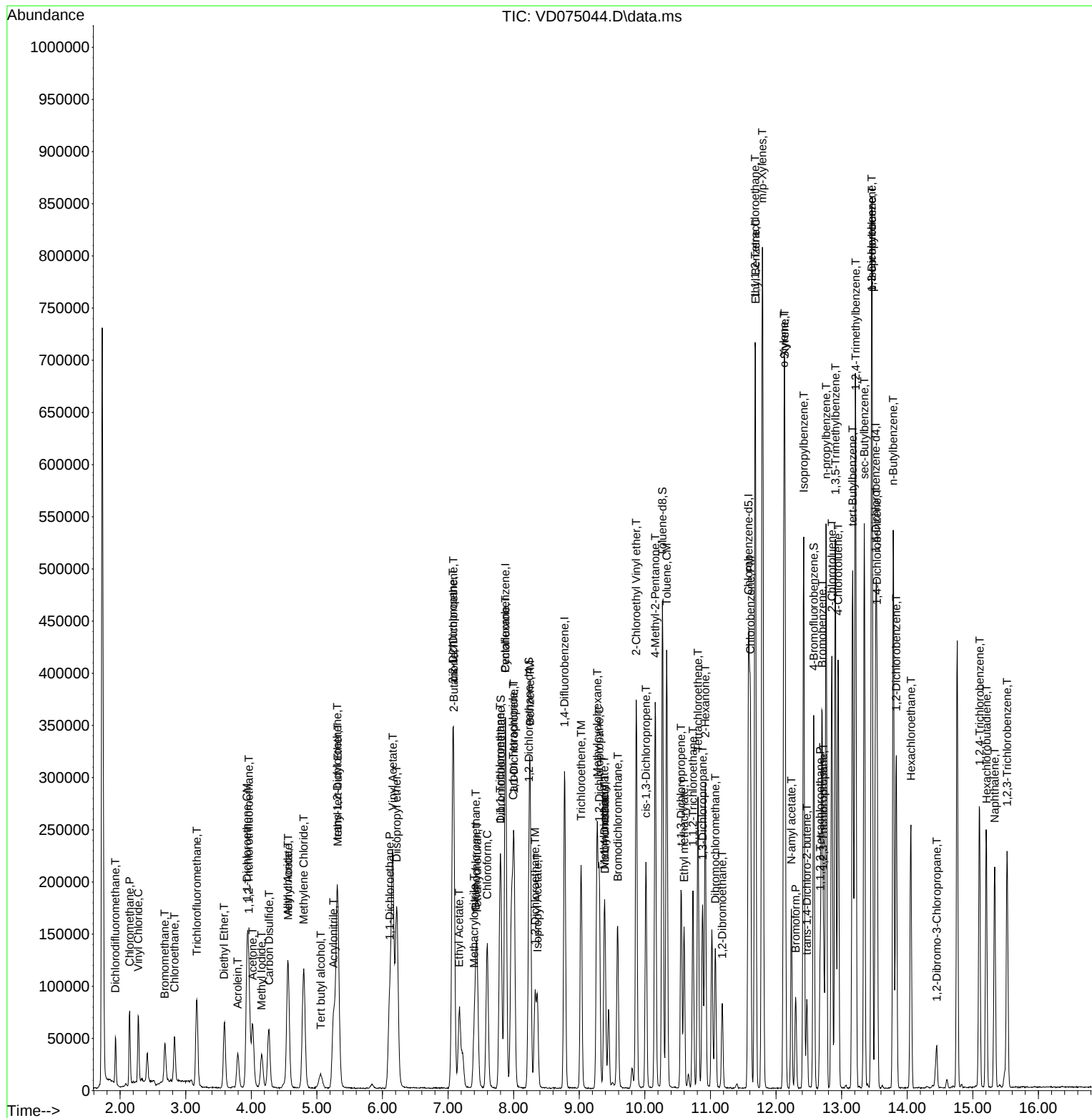
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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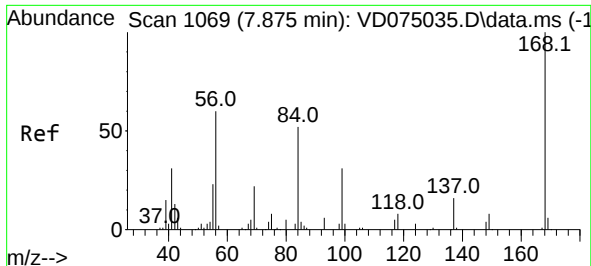
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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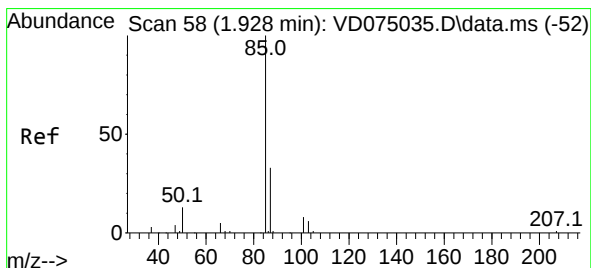
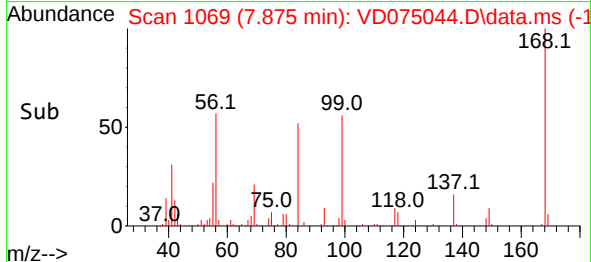
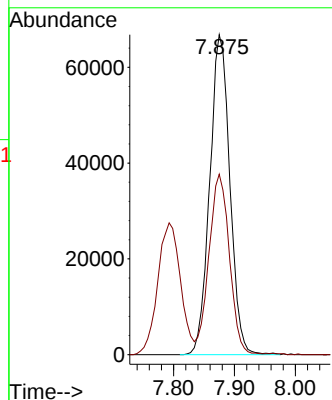
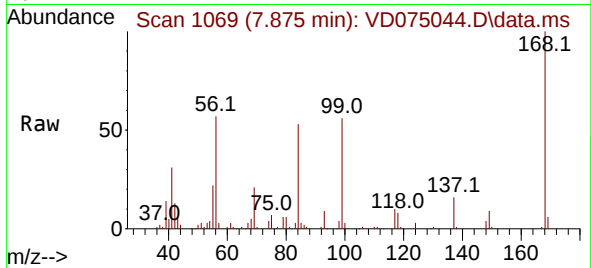




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075044.D
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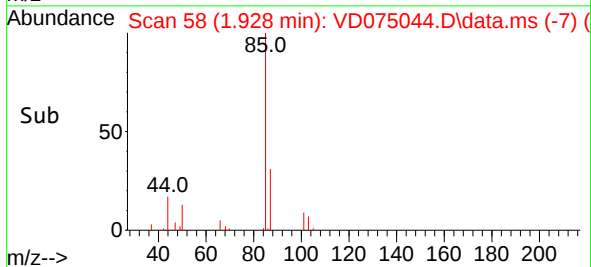
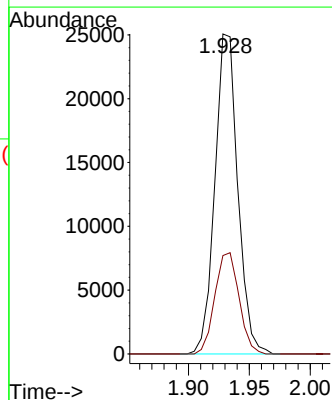
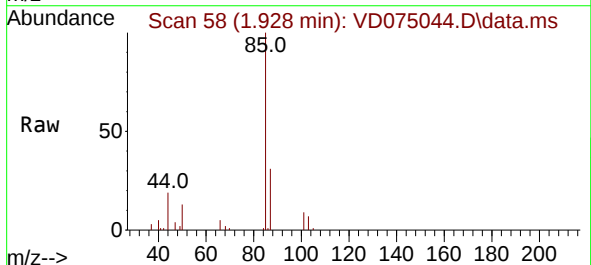
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

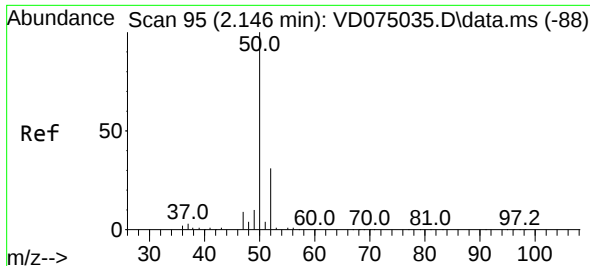
Tgt Ion:168 Resp: 153480
Ion Ratio Lower Upper
168 100
99 56.1 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 40.625 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 85 Resp: 32803
Ion Ratio Lower Upper
85 100
87 30.8 16.5 49.5

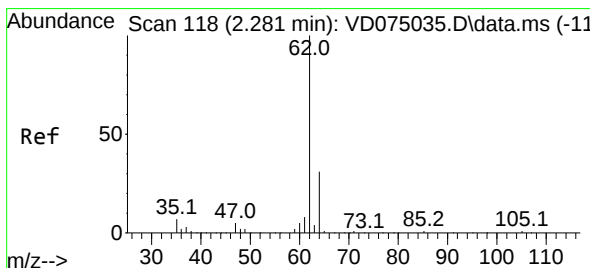
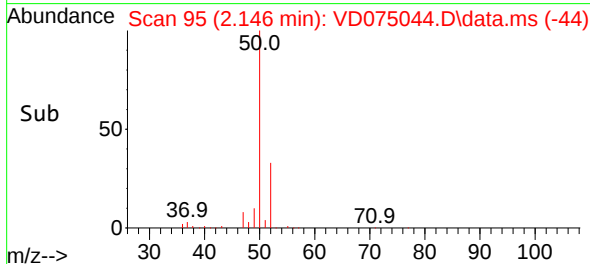
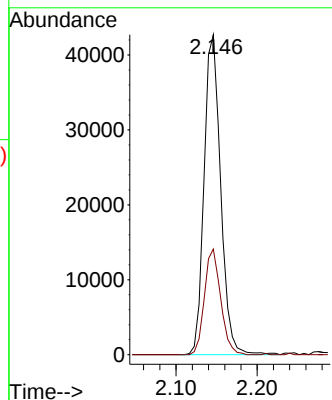
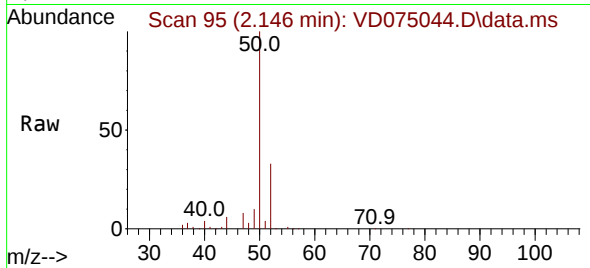




#3
Chloromethane
Concen: 41.870 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

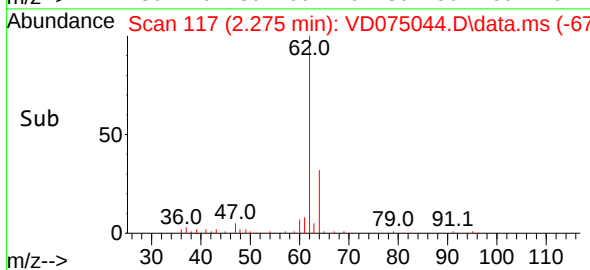
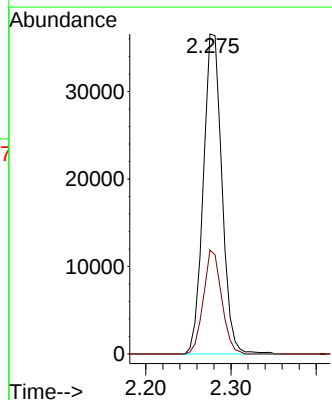
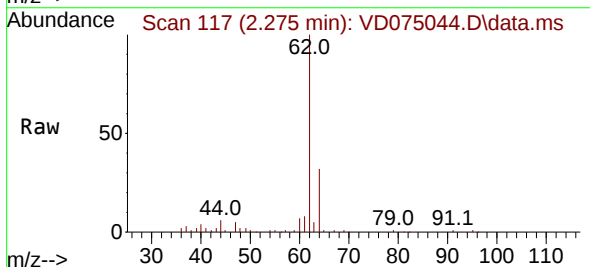
Instrument :
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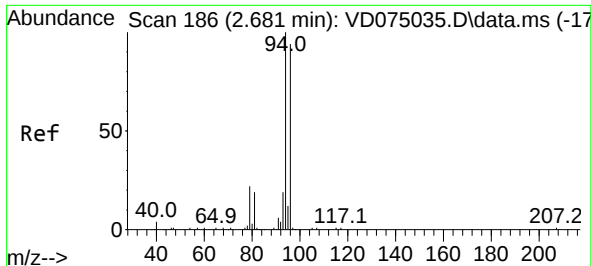
Tgt Ion: 50 Resp: 60521
Ion Ratio Lower Upper
50 100
52 33.0 27.2 40.8



#4
Vinyl Chloride
Concen: 46.514 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 62 Resp: 55389
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6

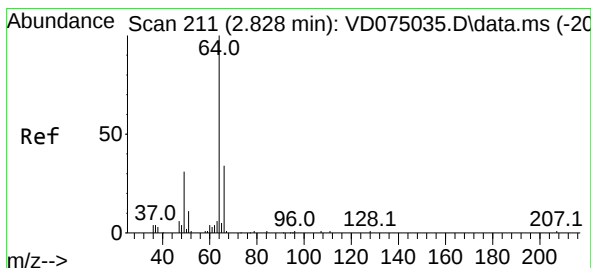
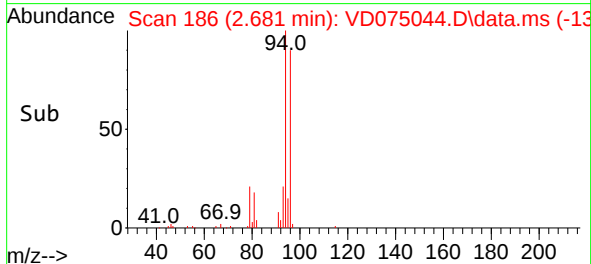
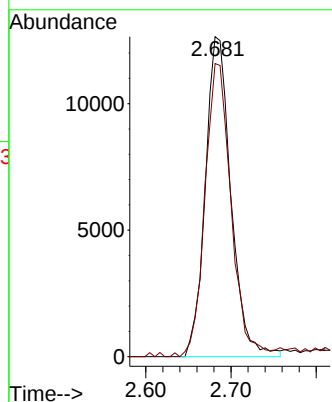
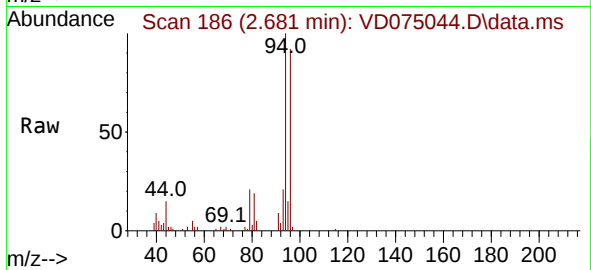




#5
Bromomethane
Concen: 44.492 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

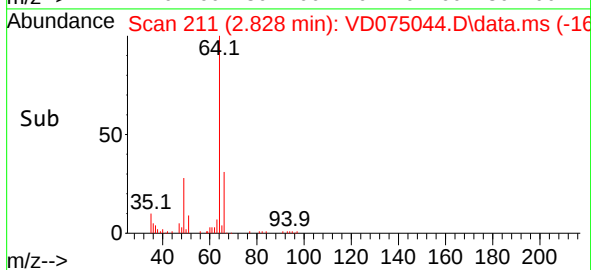
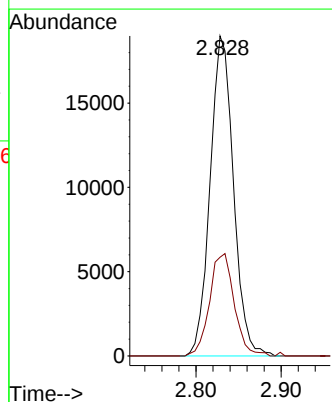
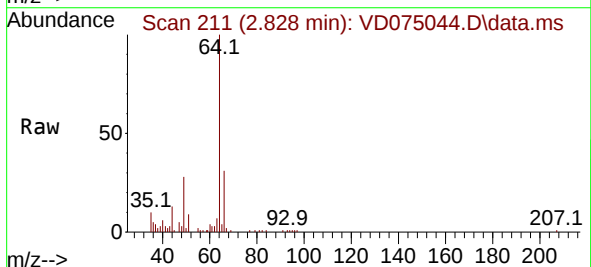
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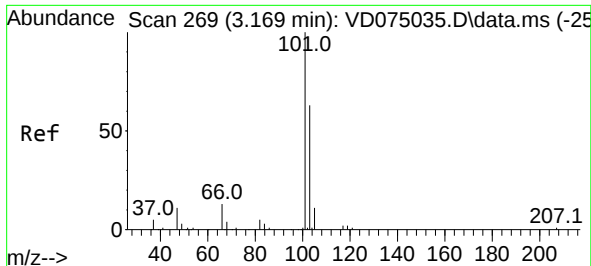
Tgt Ion: 94 Resp: 26377
Ion Ratio Lower Upper
94 100
96 93.4 75.2 112.8



#6
Chloroethane
Concen: 49.204 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075044.D
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Tgt Ion: 64 Resp: 36148
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7

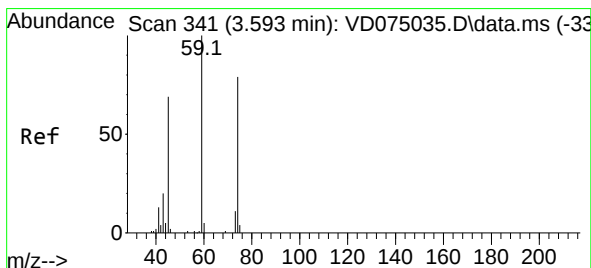
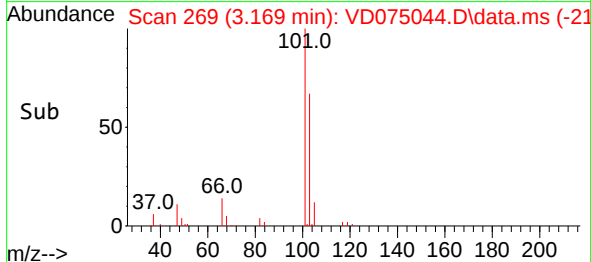
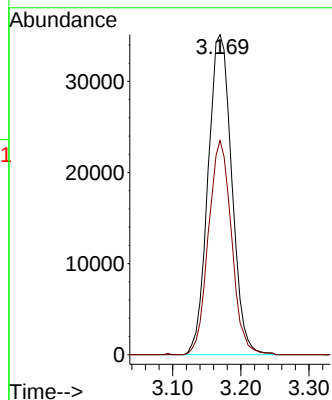
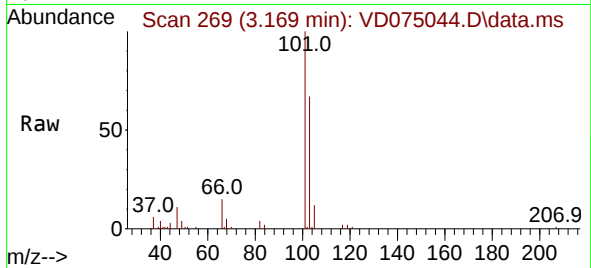




#7
 Trichlorofluoromethane
 Concen: 44.641 ug/l
 RT: 3.169 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VD075044.D
 Acq: 22 Dec 2022 12:20

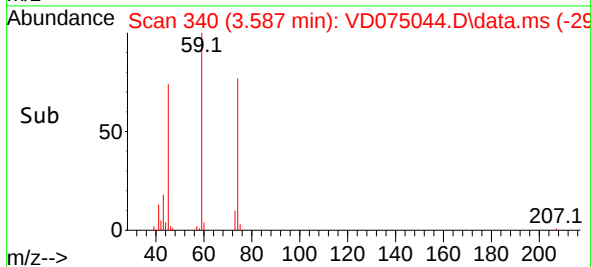
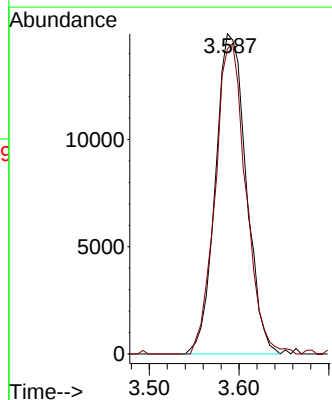
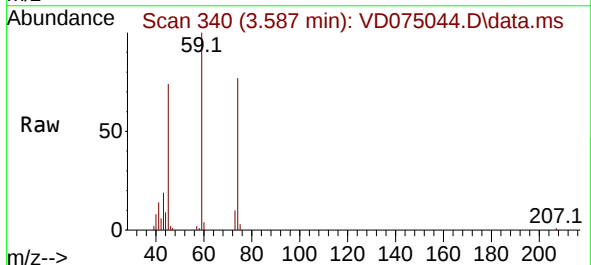
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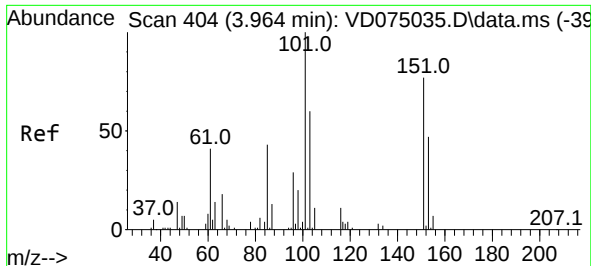
Tgt Ion:101 Resp: 85276
 Ion Ratio Lower Upper
 101 100
 103 66.9 49.1 73.7



#8
 Diethyl Ether
 Concen: 47.047 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD075044.D
 Acq: 22 Dec 2022 12:20

Tgt Ion: 74 Resp: 35495
 Ion Ratio Lower Upper
 74 100
 45 96.9 40.2 120.5

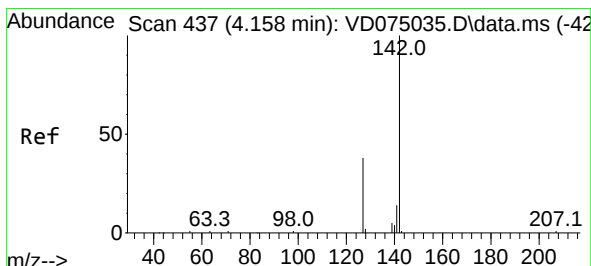
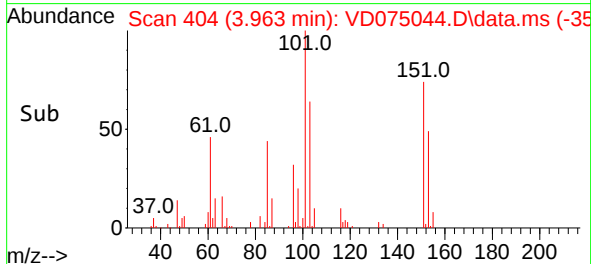
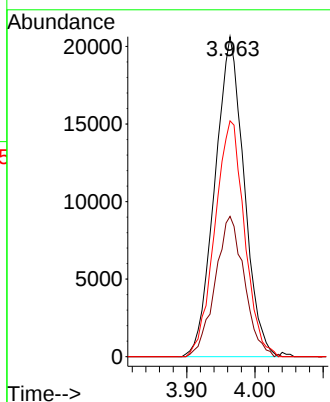
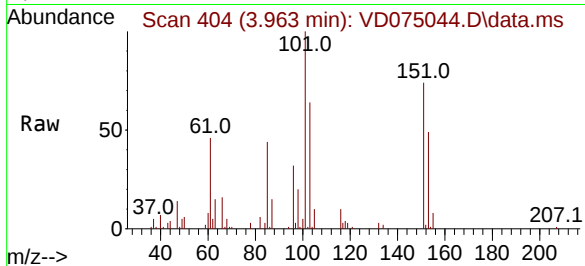




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.887 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

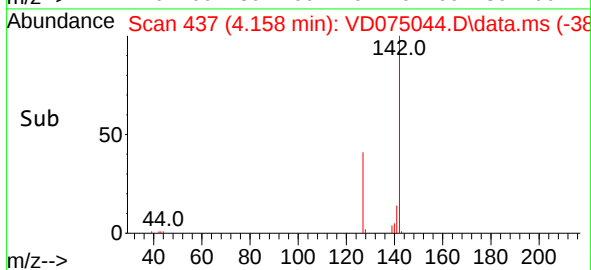
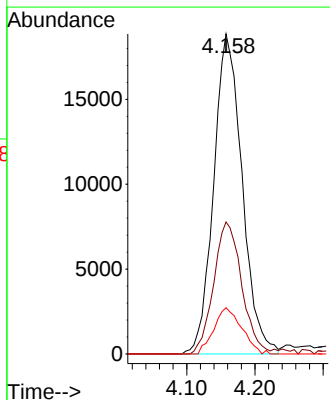
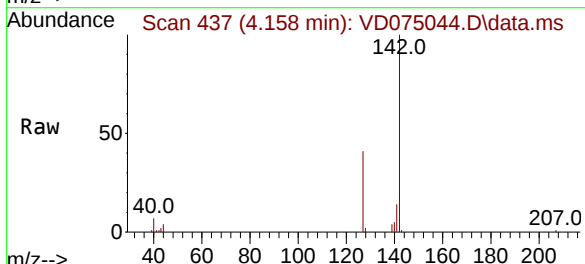
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

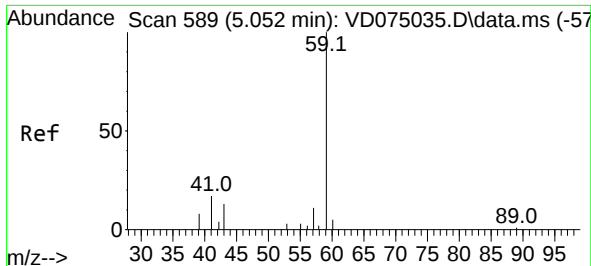
Tgt Ion:101 Resp: 61481
Ion Ratio Lower Upper
101 100
85 43.8 33.4 50.0
151 74.9 58.9 88.3



#10
Methyl Iodide
Concen: 50.445 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:142 Resp: 54672
Ion Ratio Lower Upper
142 100
127 40.6 31.4 47.2
141 14.1 11.4 17.2

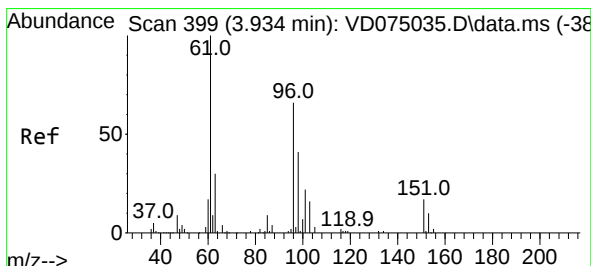
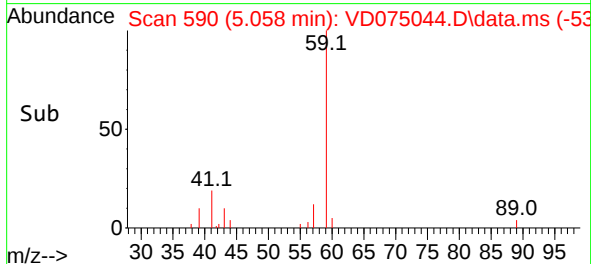
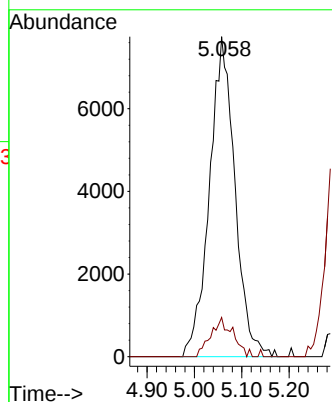
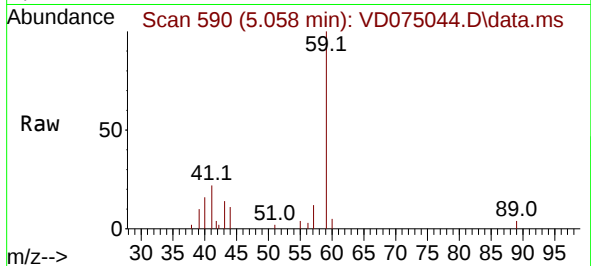




#11
Tert butyl alcohol
Concen: 204.669 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

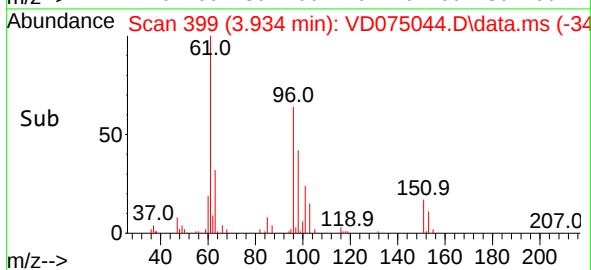
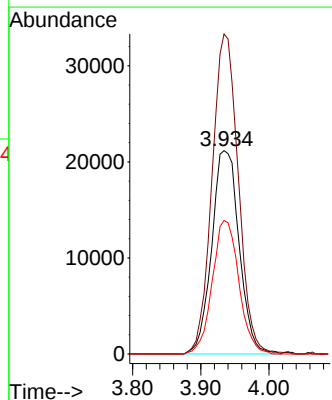
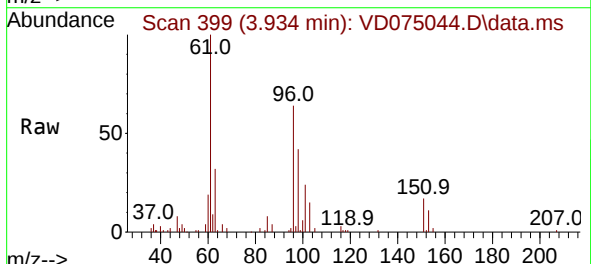
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

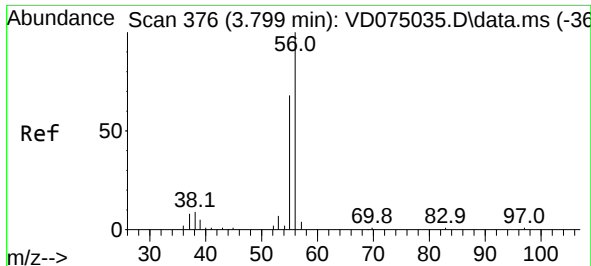
Tgt Ion: 59 Resp: 28929
Ion Ratio Lower Upper
59 100
57 10.6 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 43.880 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 96 Resp: 59249
Ion Ratio Lower Upper
96 100
61 157.4 104.9 157.3#
98 65.7 51.8 77.8





#13

Acrolein

Concen: 210.603 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

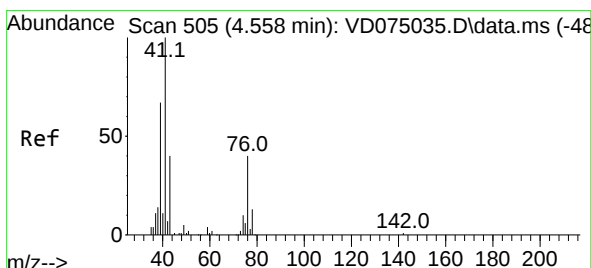
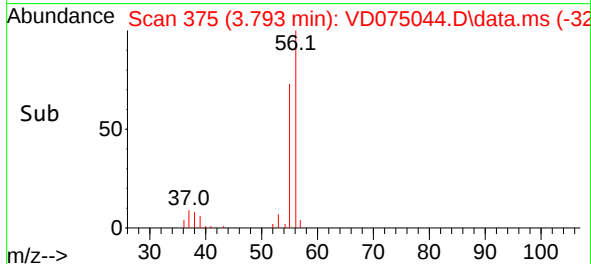
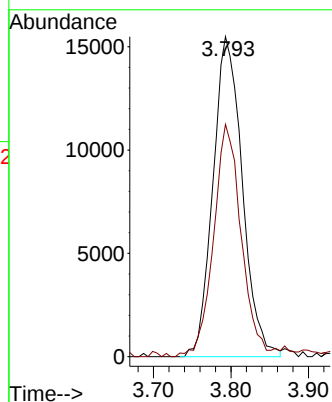
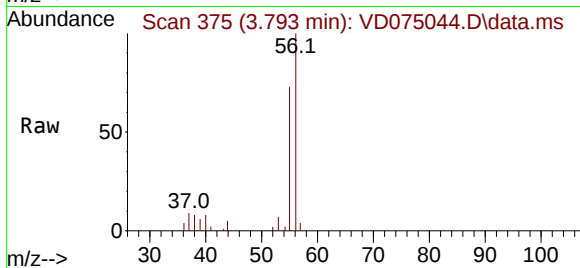
VSTDICCC050

Tgt Ion: 56 Resp: 40748

Ion Ratio Lower Upper

56 100

55 68.3 56.6 84.8



#14

Allyl chloride

Concen: 47.065 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

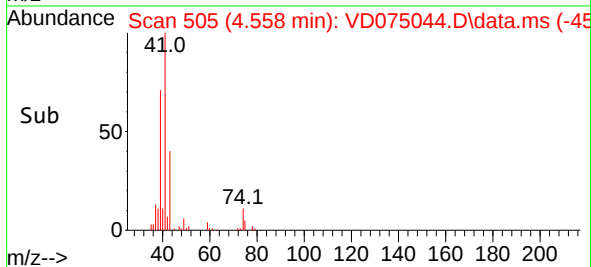
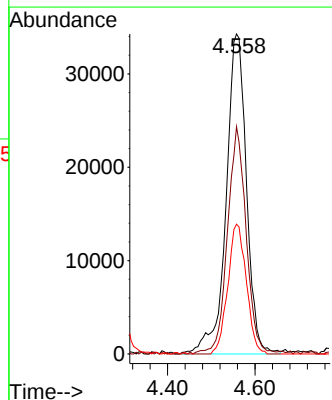
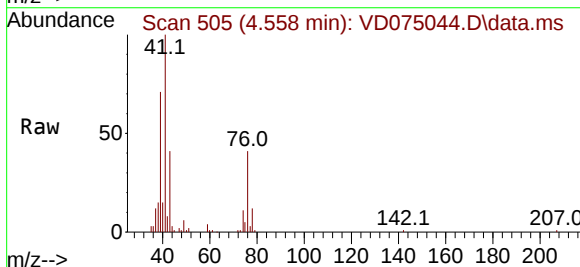
Tgt Ion: 41 Resp: 110890

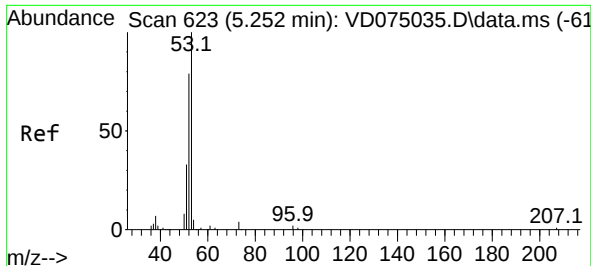
Ion Ratio Lower Upper

41 100

39 65.3 52.5 78.7

76 36.9 41.1 61.7#

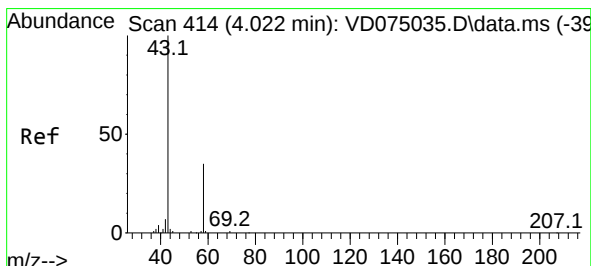
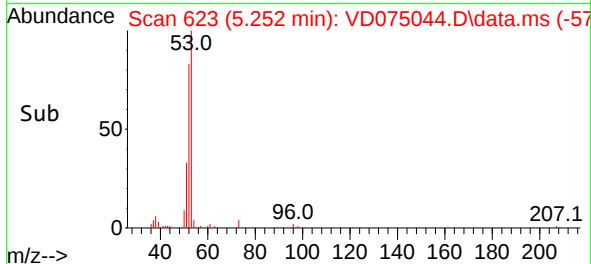
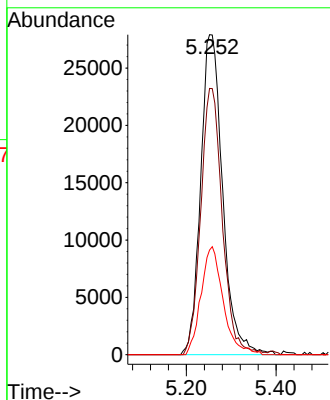
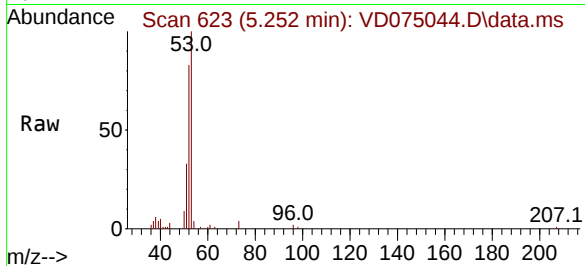




#15
Acrylonitrile
Concen: 243.141 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

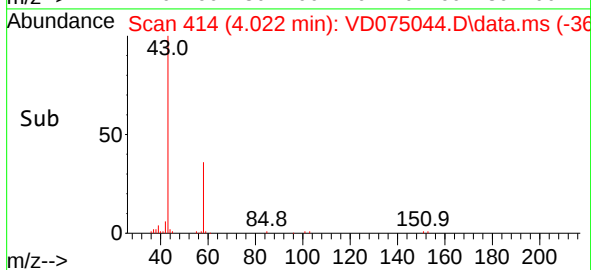
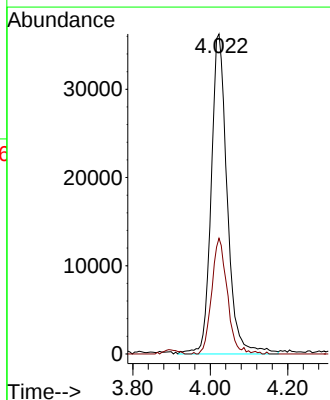
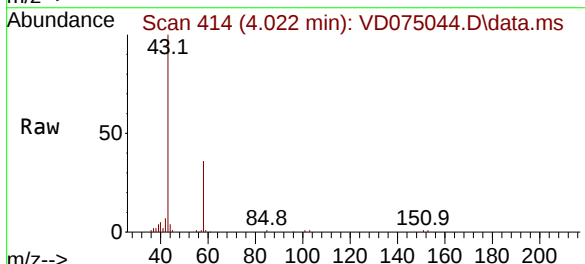
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

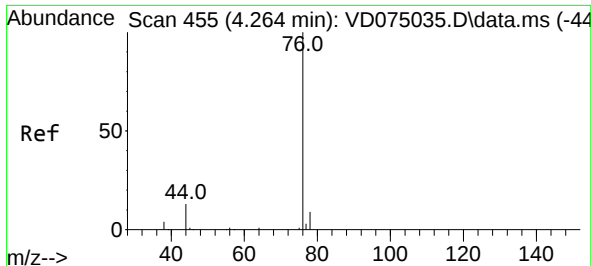
Tgt Ion: 53 Resp: 95176
Ion Ratio Lower Upper
53 100
52 81.4 64.0 96.0
51 34.1 27.8 41.8



#16
Acetone
Concen: 271.016 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 43 Resp: 104216
Ion Ratio Lower Upper
43 100
58 36.1 28.6 43.0

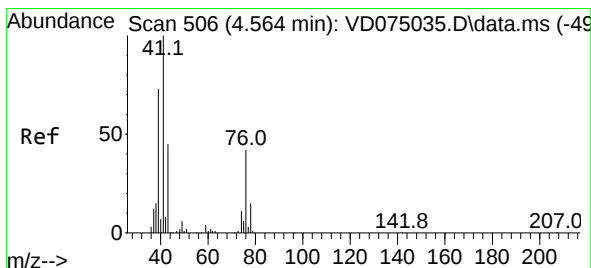
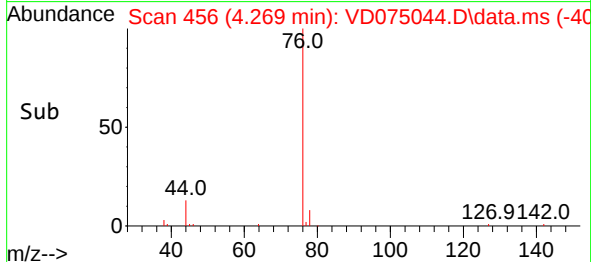
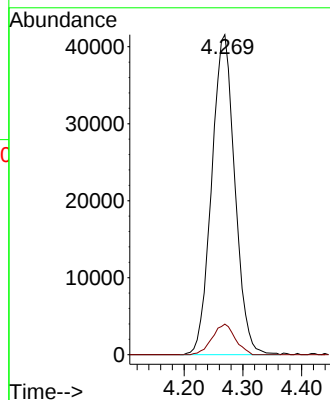
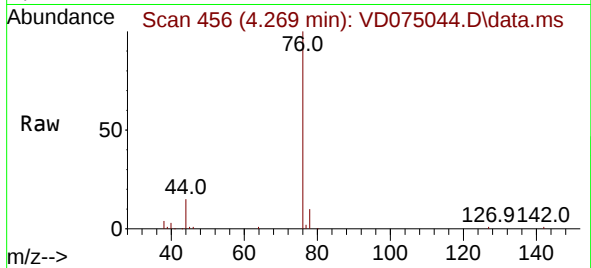




#17
Carbon Disulfide
Concen: 40.816 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.005 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

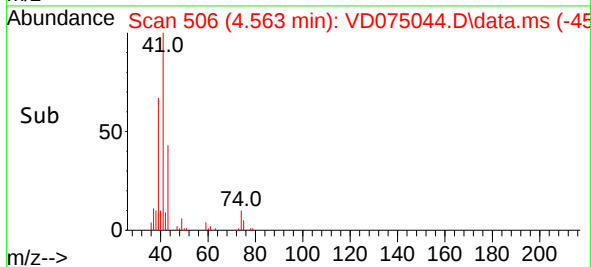
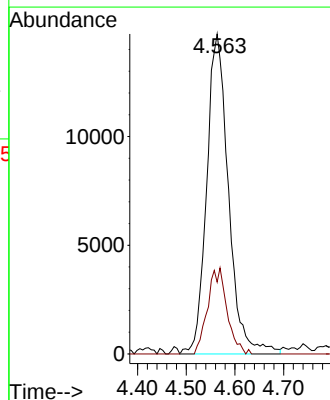
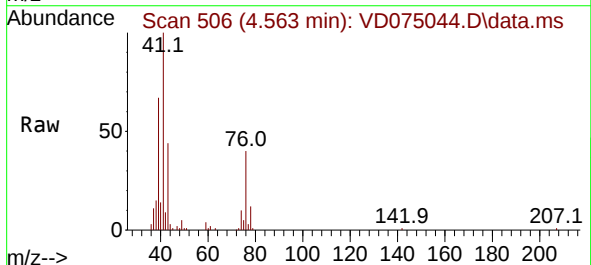
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

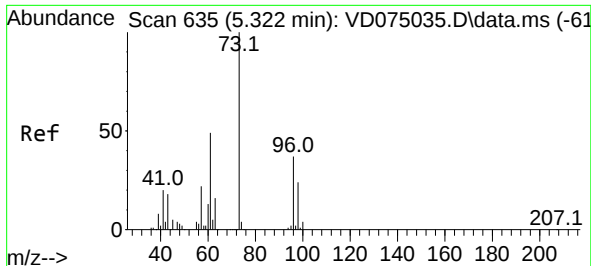
Tgt Ion: 76 Resp: 113935
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 41.113 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 43 Resp: 45824
Ion Ratio Lower Upper
43 100
74 23.8 24.5 36.7#

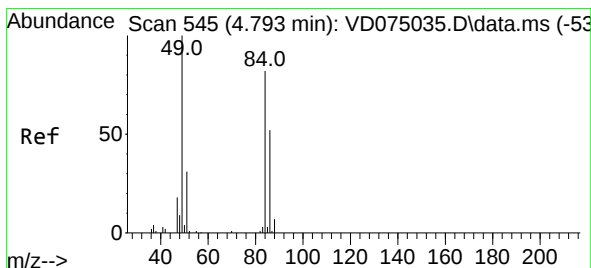
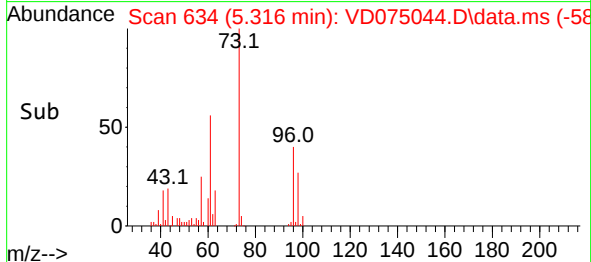
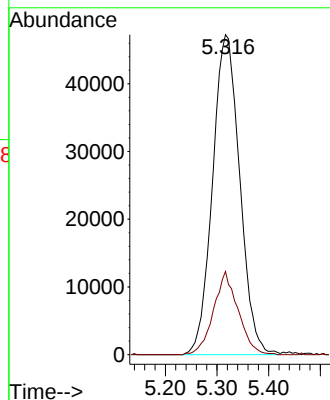
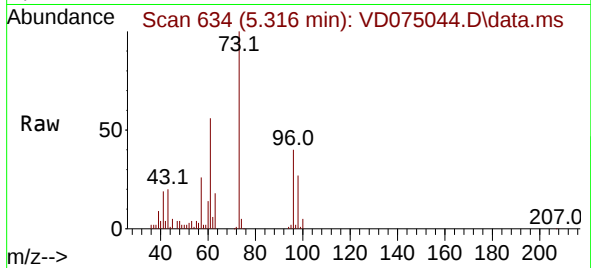




#19
Methyl tert-butyl Ether
Concen: 47.774 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

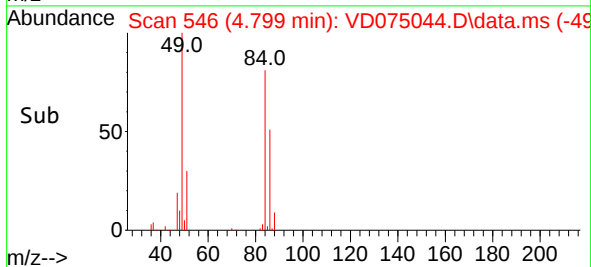
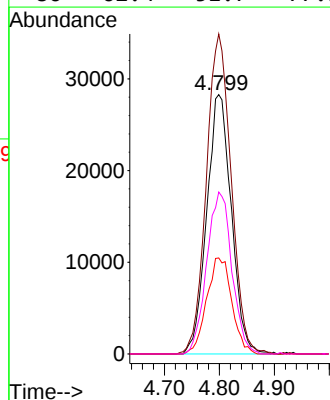
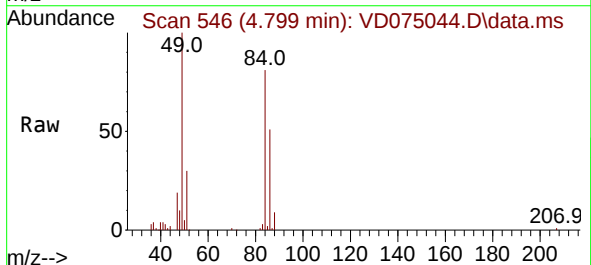
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

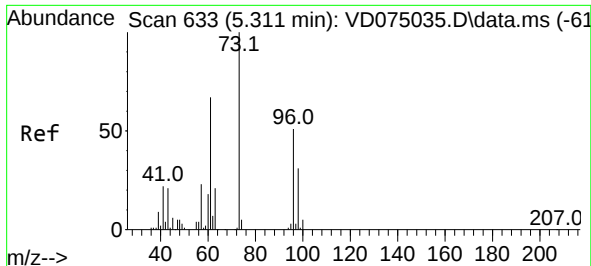
Tgt Ion: 73 Resp: 172785
Ion Ratio Lower Upper
73 100
57 26.0 16.9 25.3#



#20
Methylene Chloride
Concen: 36.306 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 84 Resp: 88017
Ion Ratio Lower Upper
84 100
49 123.4 77.2 115.8#
51 37.0 24.1 36.1#
86 62.4 51.7 77.5

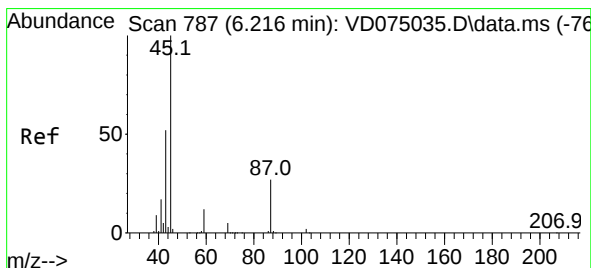
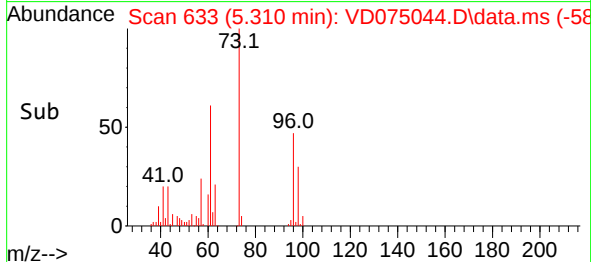
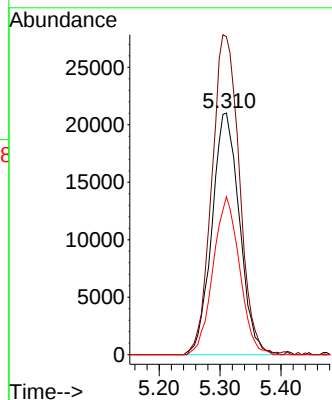
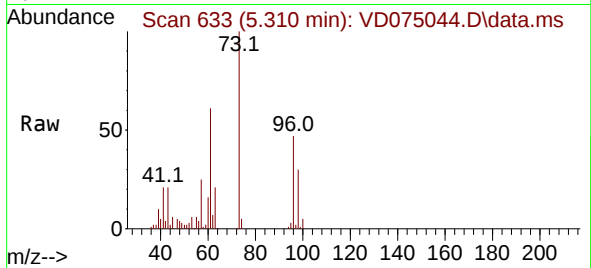




#21
trans-1,2-Dichloroethene
Concen: 44.280 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

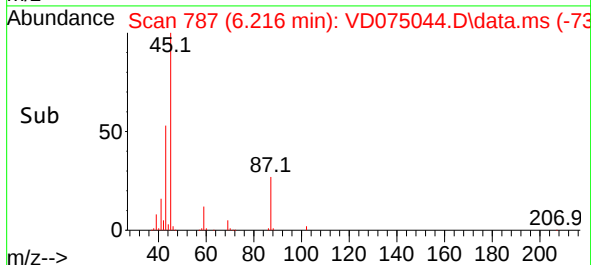
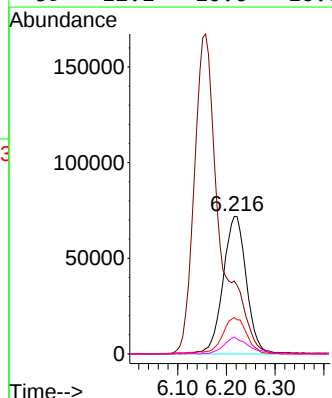
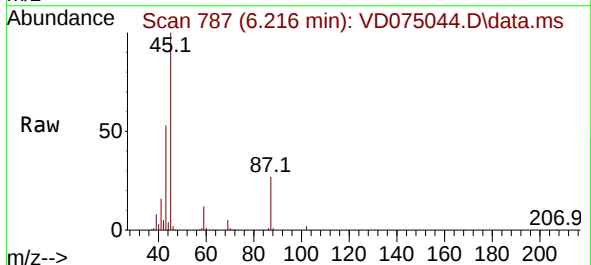
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

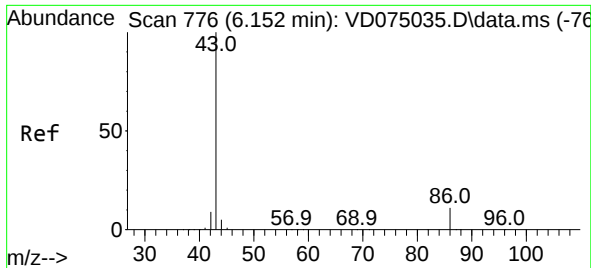
Tgt Ion: 96 Resp: 65926
Ion Ratio Lower Upper
96 100
61 131.5 86.7 130.1#
98 65.3 49.8 74.8



#22
Diisopropyl ether
Concen: 46.910 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 45 Resp: 238676
Ion Ratio Lower Upper
45 100
43 52.0 39.8 59.8
87 26.6 27.5 41.3#
59 12.1 10.6 16.0

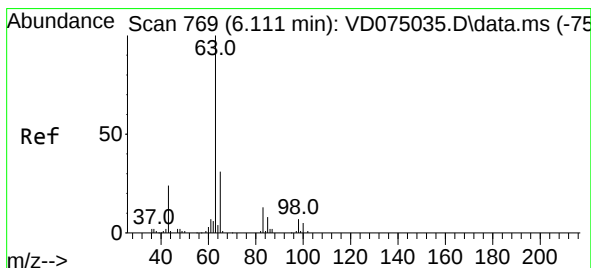
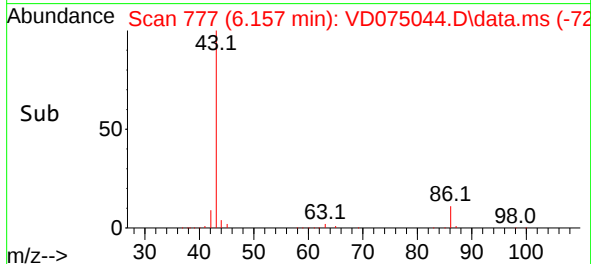
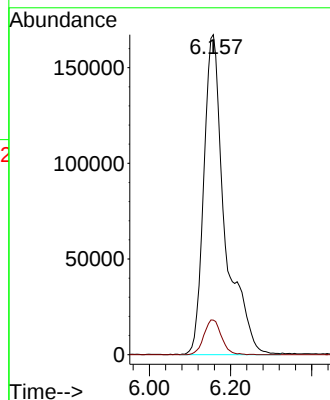
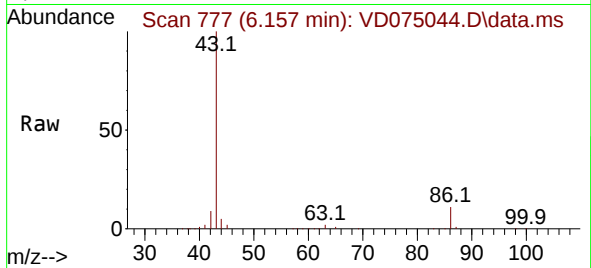




#23
 Vinyl Acetate
 Concen: 251.691 ug/l
 RT: 6.157 min Scan# 776
 Delta R.T. 0.005 min
 Lab File: VD075044.D
 Acq: 22 Dec 2022 12:20

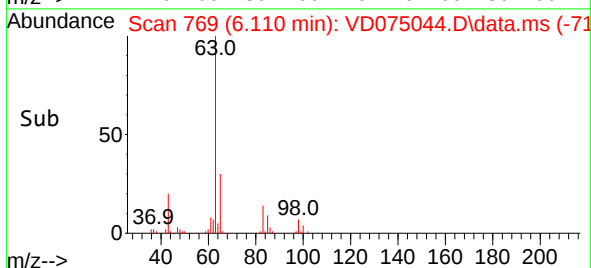
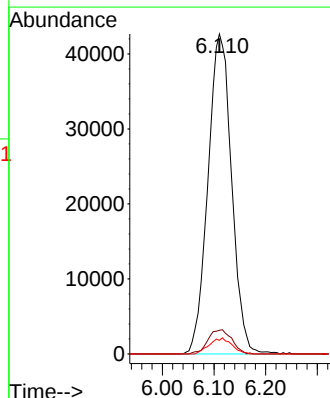
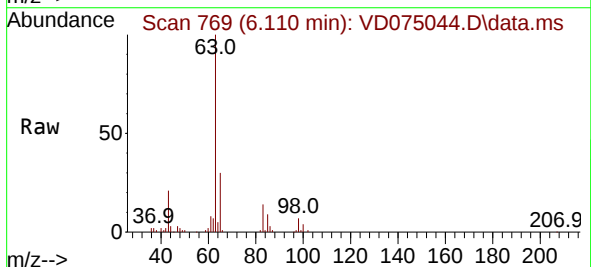
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

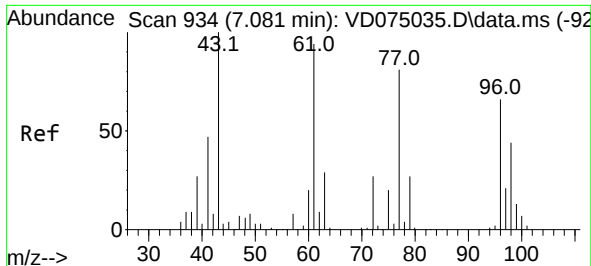
Tgt Ion: 43 Resp: 605971
 Ion Ratio Lower Upper
 43 100
 86 10.8 11.4 17.0#



#24
 1,1-Dichloroethane
 Concen: 46.167 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: VD075044.D
 Acq: 22 Dec 2022 12:20

Tgt Ion: 63 Resp: 135557
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.3 13.1
 100 4.2 2.5 7.4

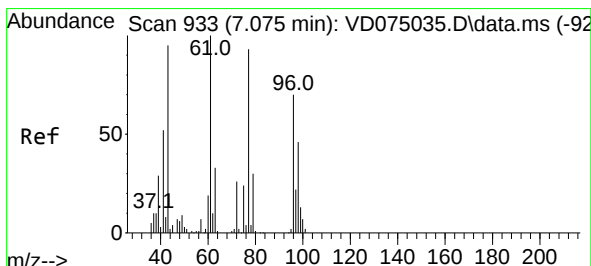
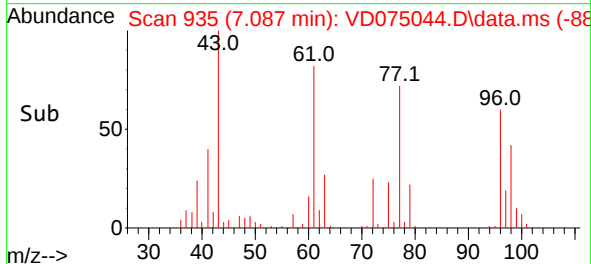
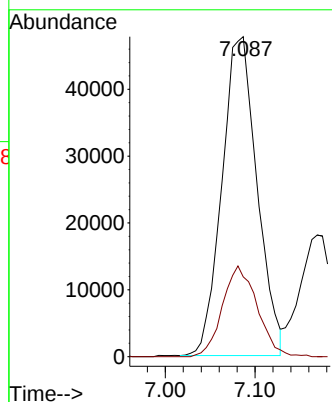
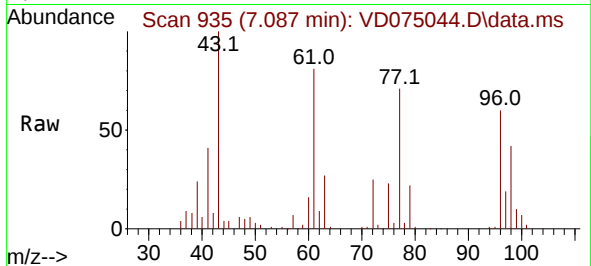




#25
2-Butanone
Concen: 243.299 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

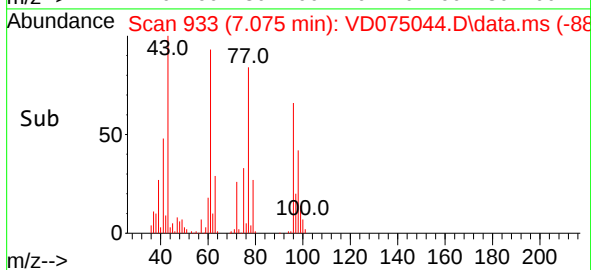
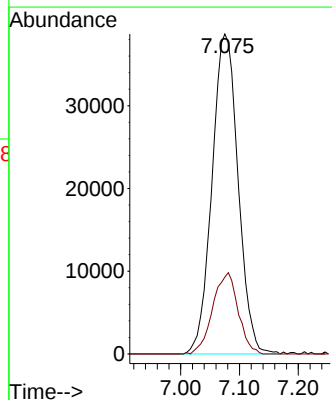
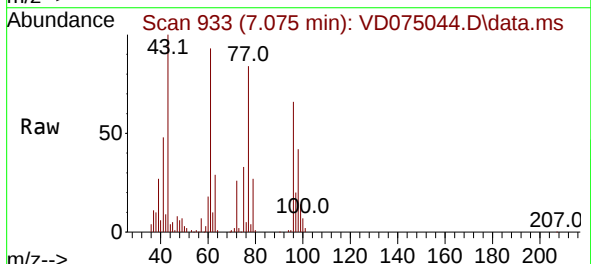
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

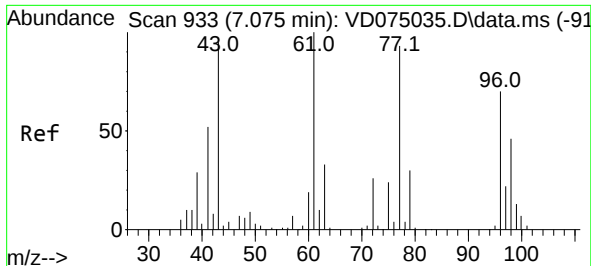
Tgt Ion: 43 Resp: 129845
Ion Ratio Lower Upper
43 100
72 25.1 28.4 42.6#



#26
2,2-Dichloropropane
Concen: 44.827 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 77 Resp: 119290
Ion Ratio Lower Upper
77 100
97 24.7 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 45.837 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

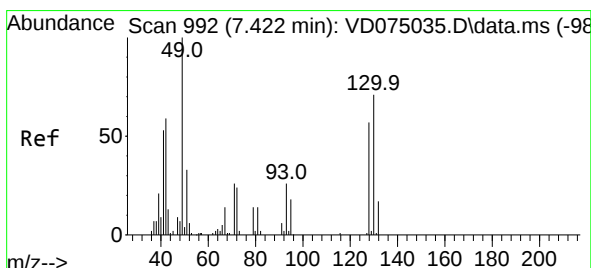
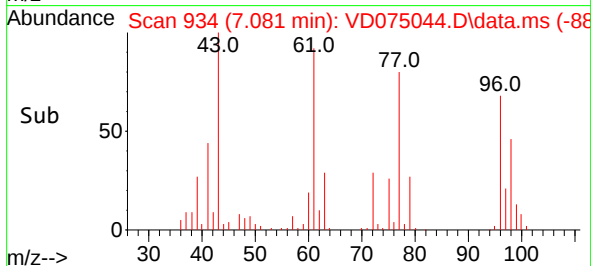
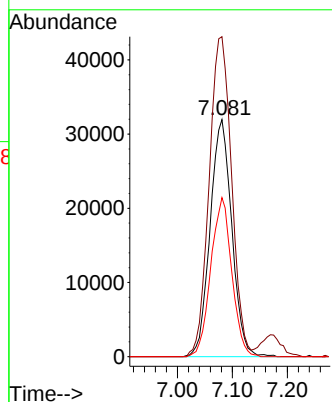
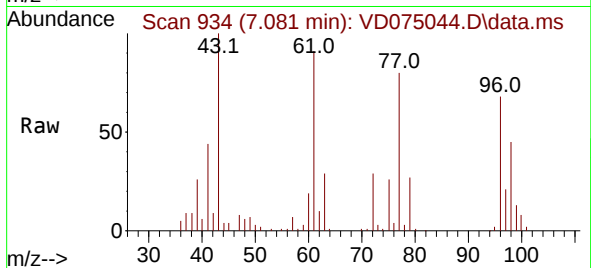
Tgt Ion: 96 Resp: 87671

Ion Ratio Lower Upper

96 100

61 139.5 0.0 244.6

98 64.7 0.0 131.0



#28

Bromochloromethane

Concen: 47.548 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

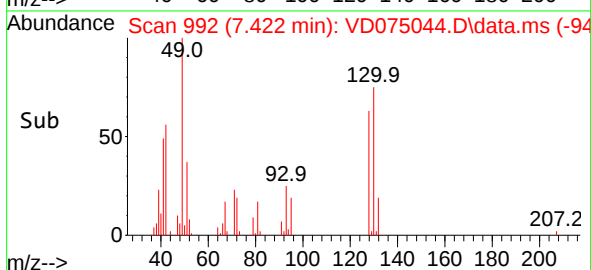
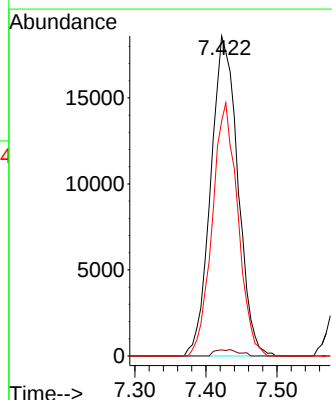
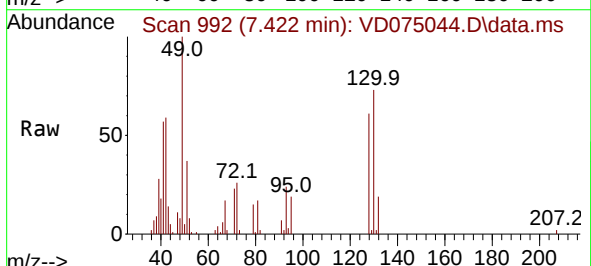
Tgt Ion: 49 Resp: 49291

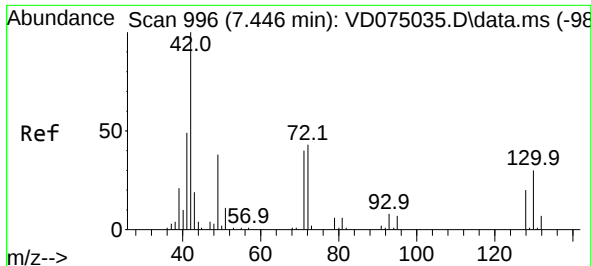
Ion Ratio Lower Upper

49 100

129 1.7 0.0 5.0

130 74.2 78.2 117.4#





#29

Tetrahydrofuran

Concen: 230.221 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

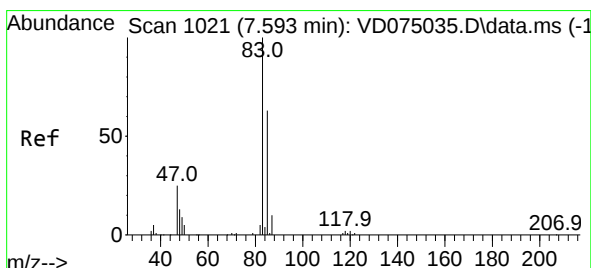
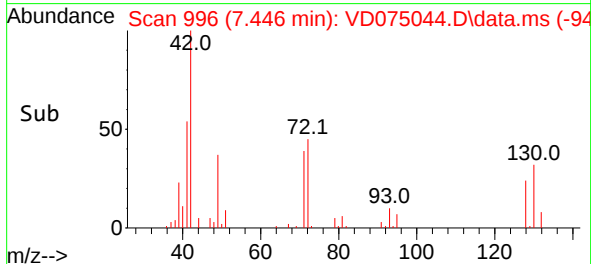
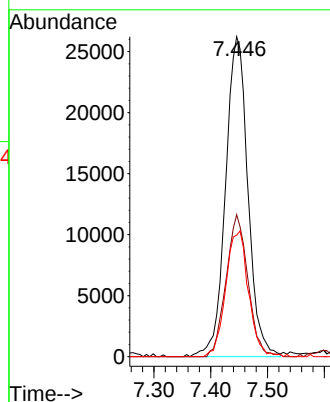
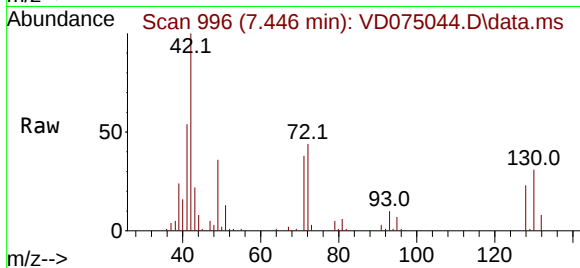
Tgt Ion: 42 Resp: 71733

Ion Ratio Lower Upper

42 100

72 43.4 43.8 65.8#

71 40.0 41.1 61.7#



#30

Chloroform

Concen: 46.719 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD075044.D

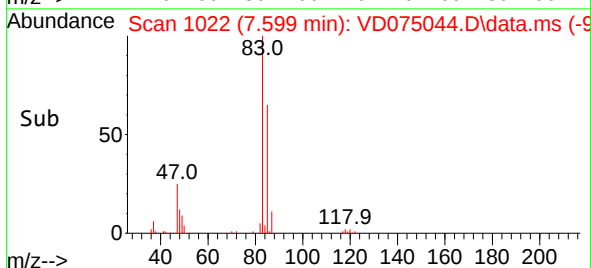
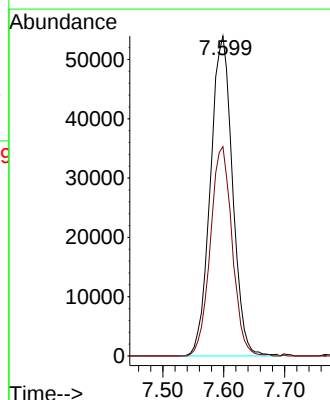
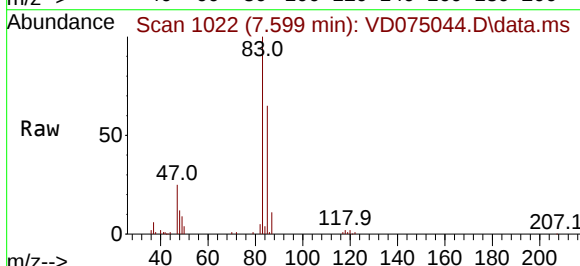
Acq: 22 Dec 2022 12:20

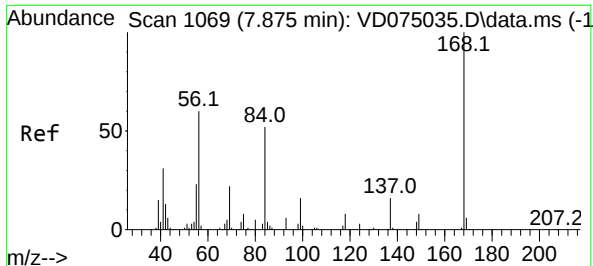
Tgt Ion: 83 Resp: 136111

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

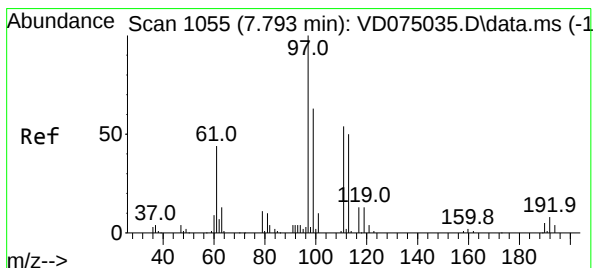
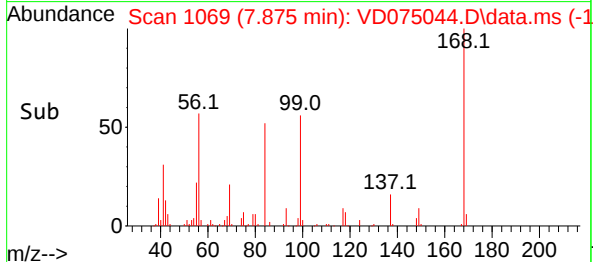
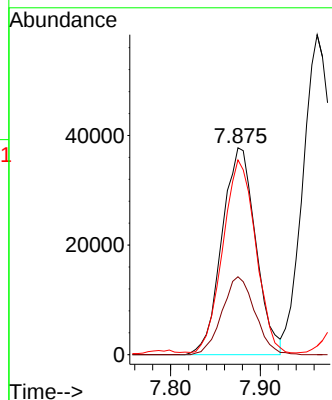
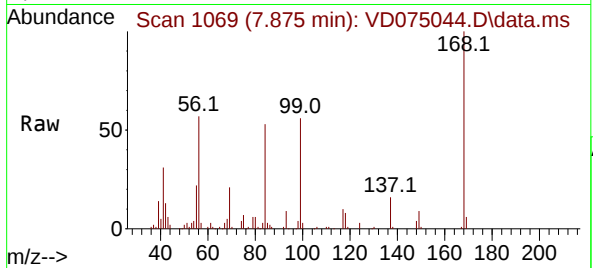




#31
Cyclohexane
Concen: 39.552 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

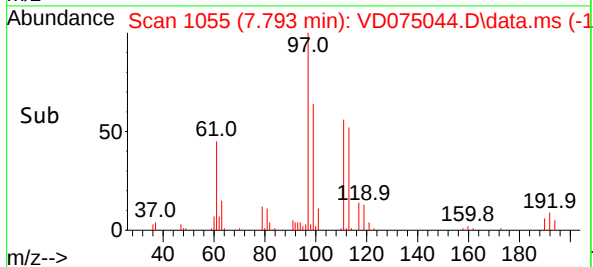
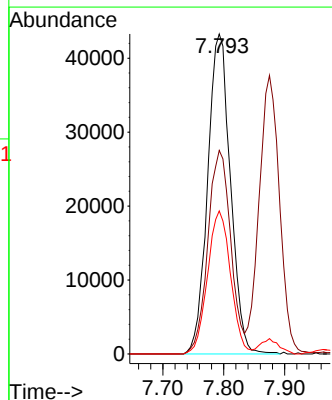
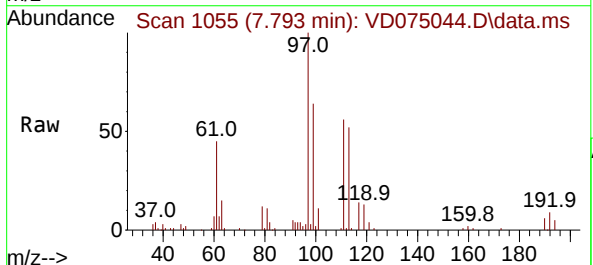
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

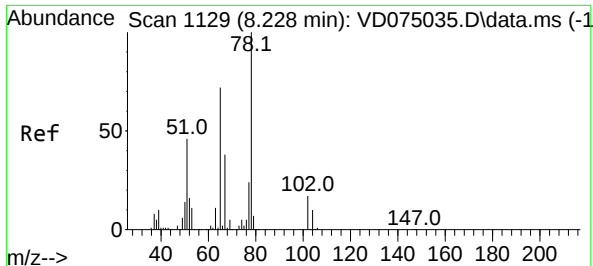
Tgt Ion: 56 Resp: 98845
Ion Ratio Lower Upper
56 100
69 37.6 29.4 44.2
84 93.0 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 45.784 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 97 Resp: 112420
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 45.2 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 50.178 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

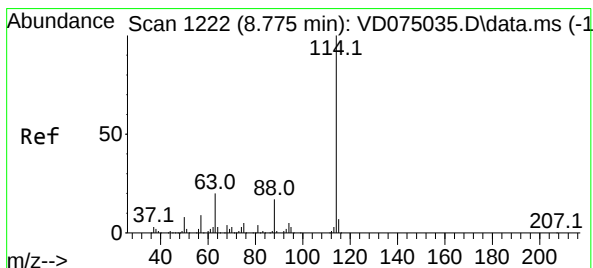
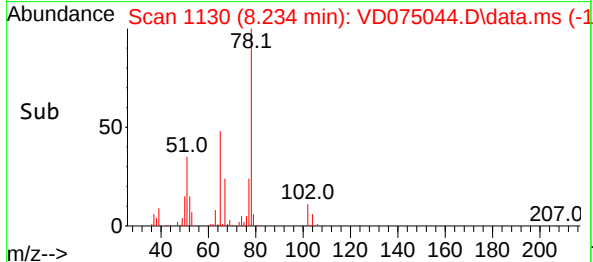
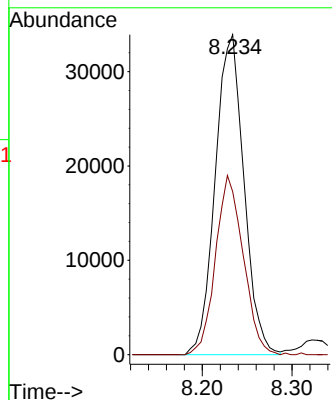
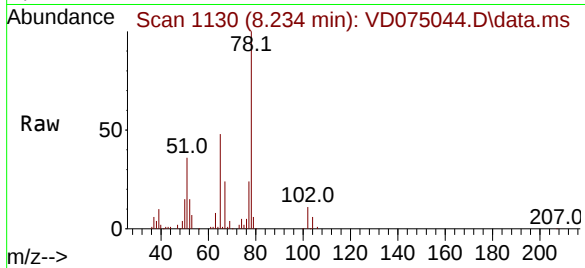
VSTDICCC050

Tgt Ion: 65 Resp: 75407

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

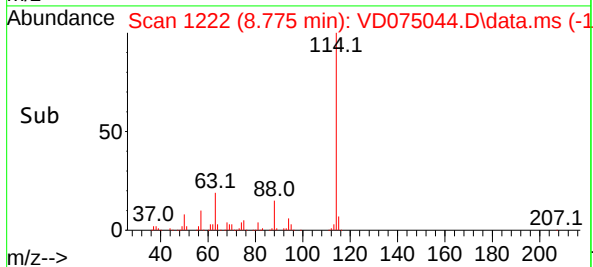
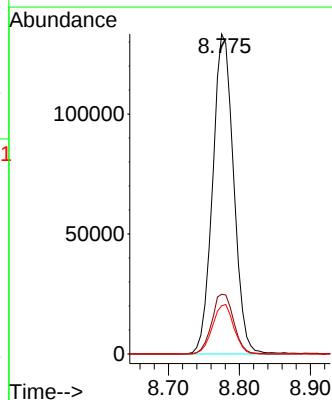
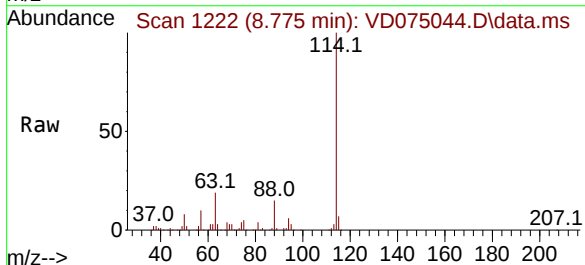
Tgt Ion: 114 Resp: 272962

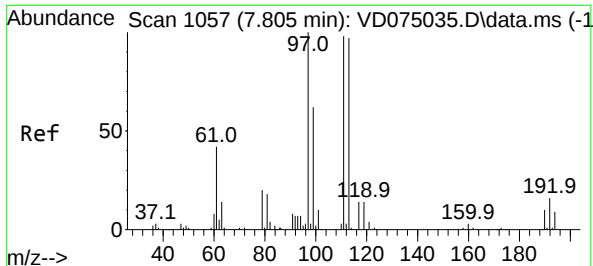
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.8

88 15.1 0.0 27.8





#35

Dibromofluoromethane

Concen: 49.790 ug/l

RT: 7.804 min Scan# 1091

Delta R.T. -0.001 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

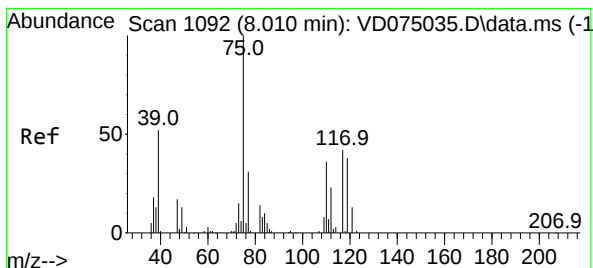
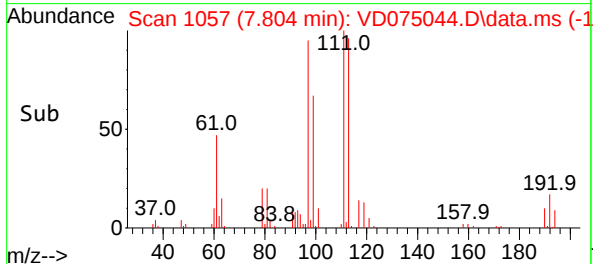
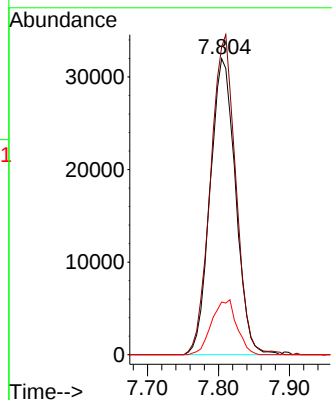
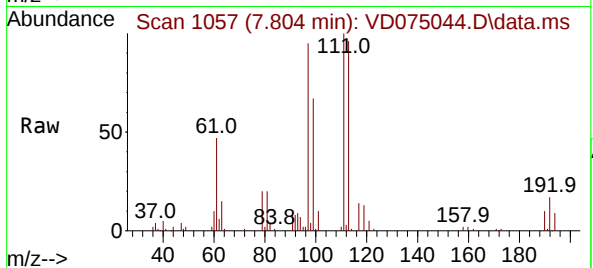
Tgt Ion:113 Resp: 79570

Ion Ratio Lower Upper

113 100

111 106.9 82.1 123.1

192 18.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 44.614 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

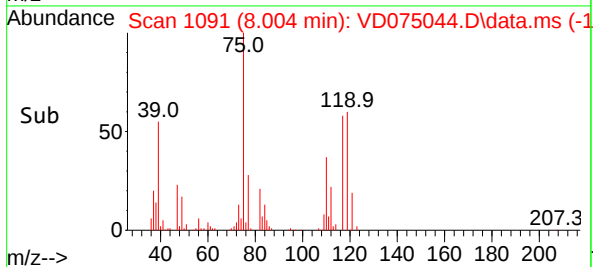
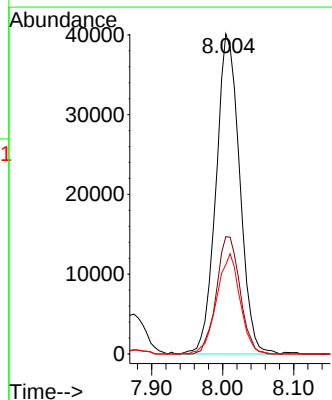
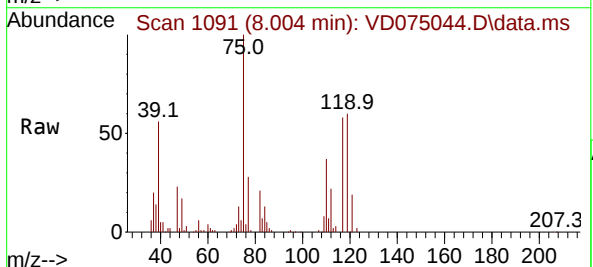
Tgt Ion: 75 Resp: 92661

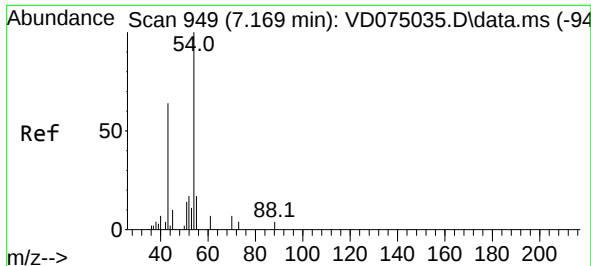
Ion Ratio Lower Upper

75 100

110 36.4 19.0 57.0

77 31.1 25.2 37.8





#37

Ethyl Acetate

Concen: 47.740 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

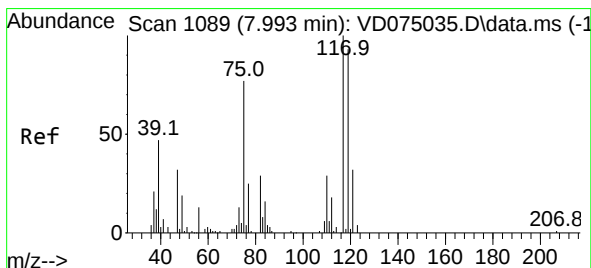
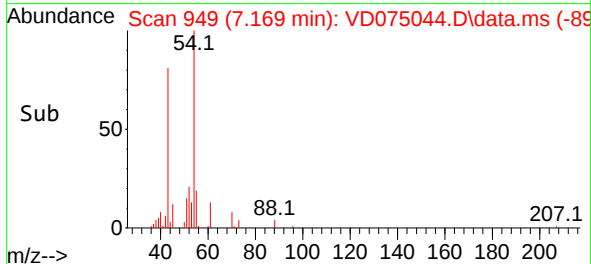
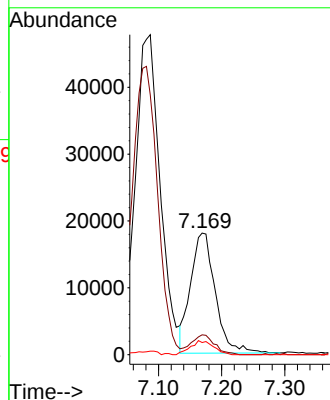
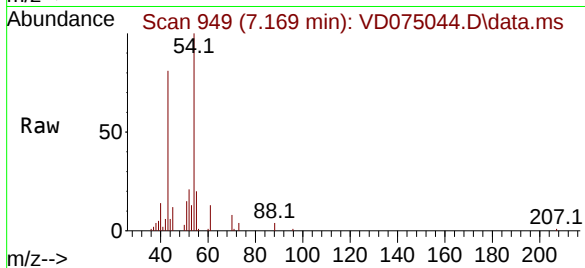
Tgt Ion: 43 Resp: 49018

Ion Ratio Lower Upper

43 100

61 15.1 12.8 19.2

70 10.7 10.2 15.4



#38

Carbon Tetrachloride

Concen: 46.922 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

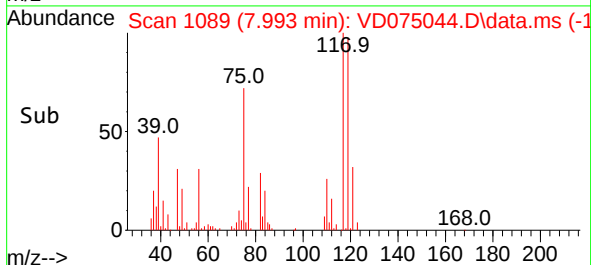
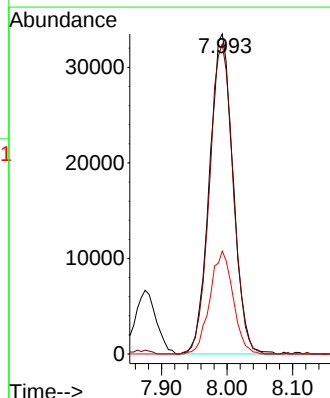
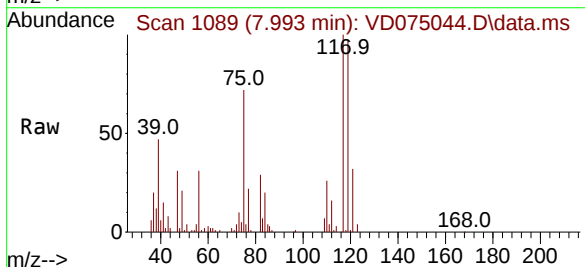
Tgt Ion: 117 Resp: 83894

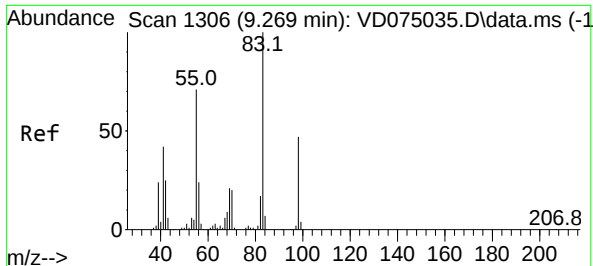
Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.6

121 32.2 25.4 38.0





#39

Methylcyclohexane

Concen: 42.879 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

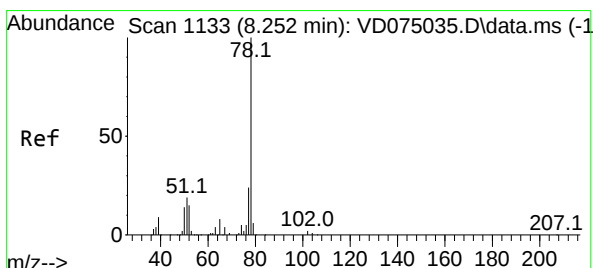
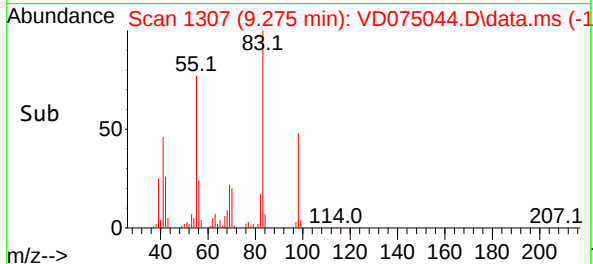
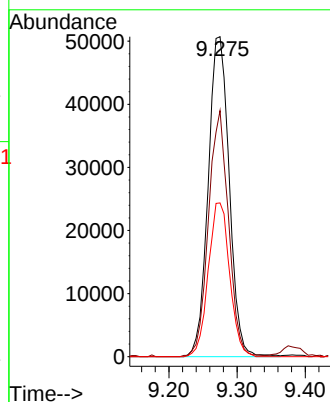
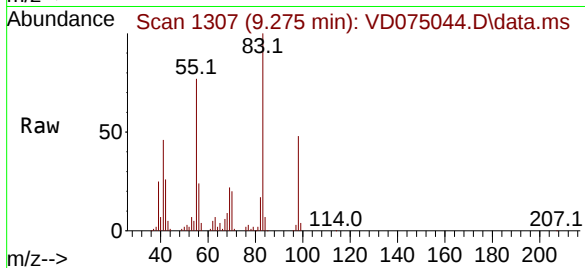
Tgt Ion: 83 Resp: 109093

Ion Ratio Lower Upper

83 100

55 76.9 53.1 79.7

98 48.0 37.5 56.3



#40

Benzene

Concen: 45.539 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075044.D

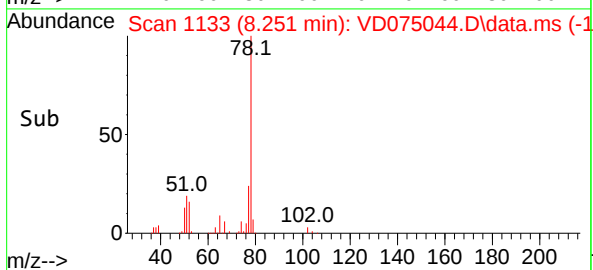
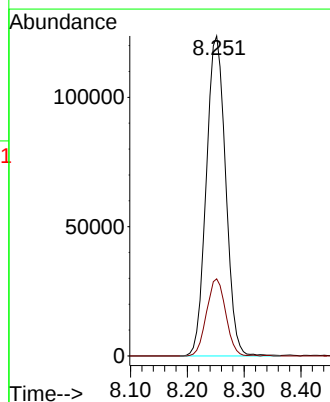
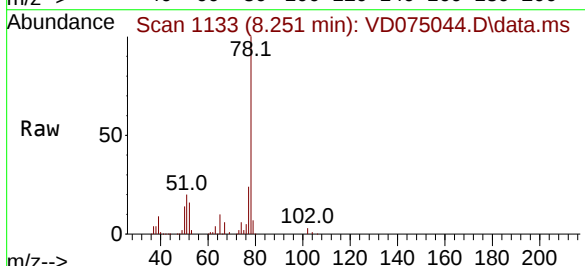
Acq: 22 Dec 2022 12:20

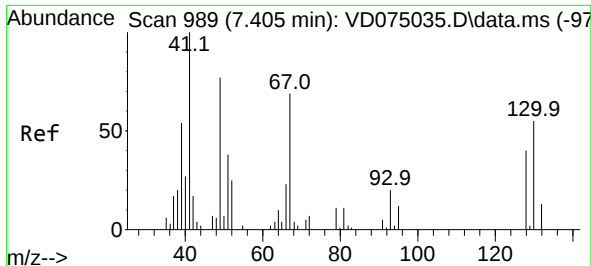
Tgt Ion: 78 Resp: 291677

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8



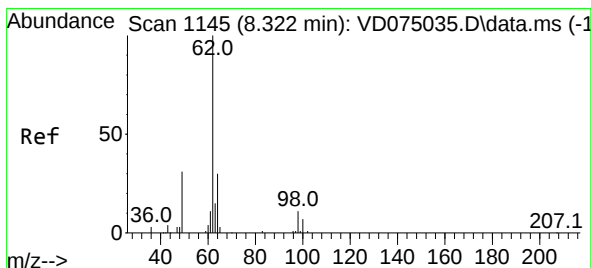
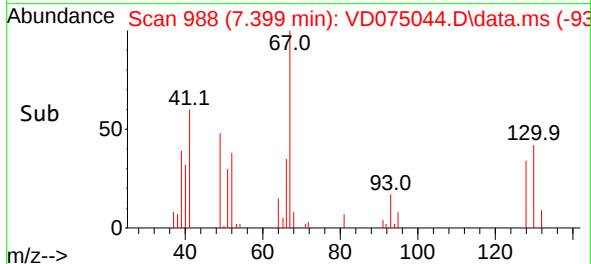
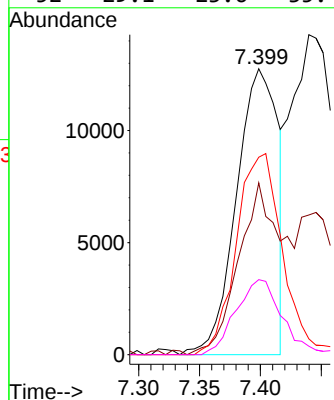
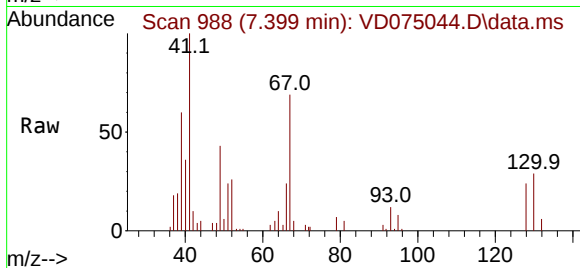


#41
Methacrylonitrile
Concen: 46.759 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 30337

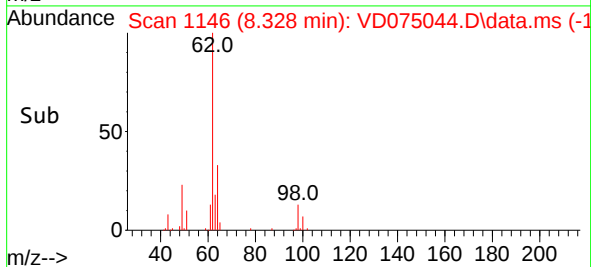
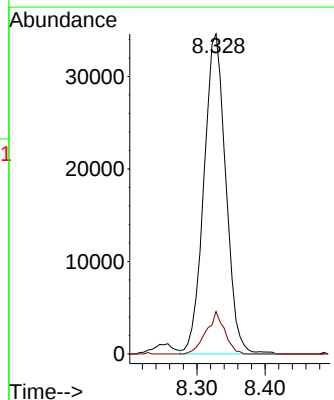
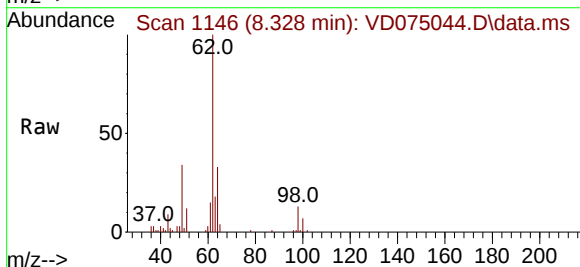
Ion	Ratio	Lower	Upper
41	100		
39	65.3	44.8	67.2
67	77.7	69.6	104.4
52	29.1	23.6	35.4

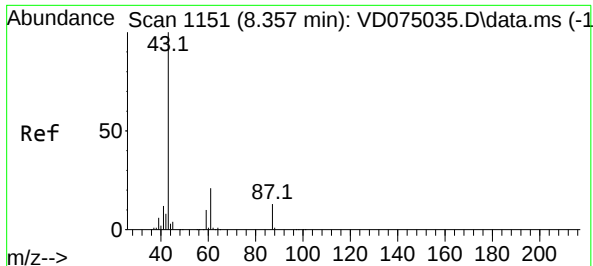


#42
1,2-Dichloroethane
Concen: 47.956 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 62 Resp: 77362

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	23.4





#43

Isopropyl Acetate

Concen: 47.156 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

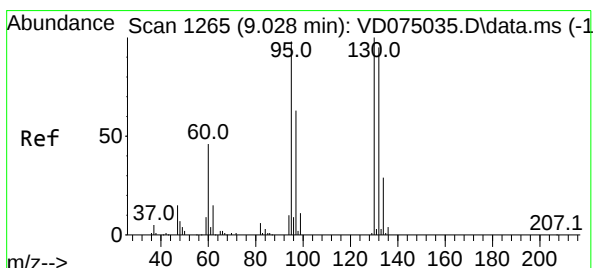
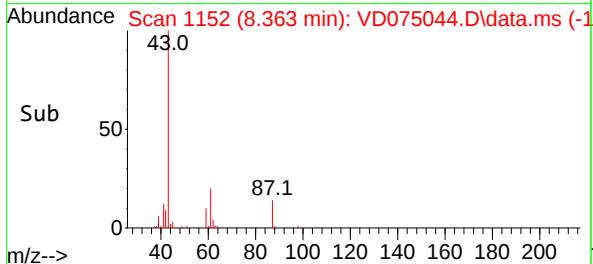
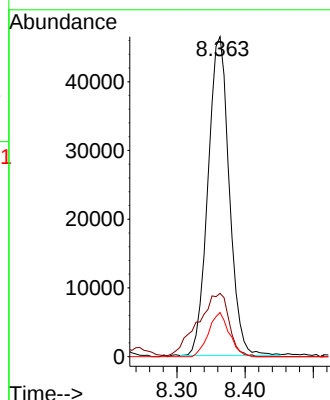
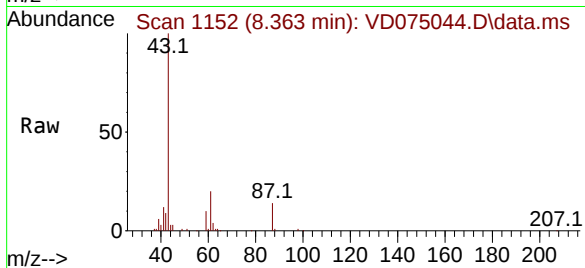
Tgt Ion: 43 Resp: 100674

Ion Ratio Lower Upper

43 100

61 29.2 28.2 42.4

87 13.5 13.6 20.4#



#44

Trichloroethene

Concen: 45.945 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075044.D

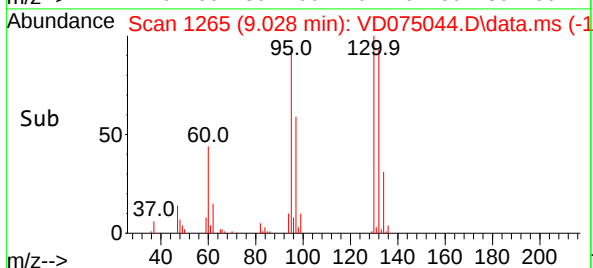
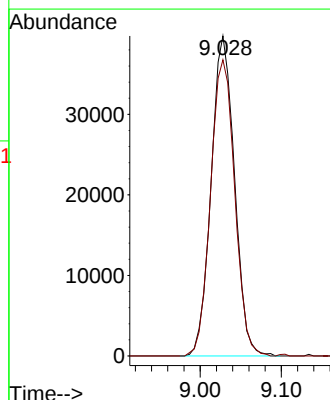
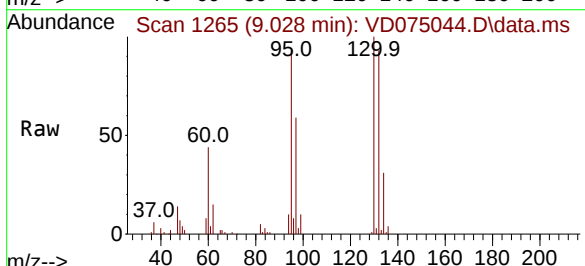
Acq: 22 Dec 2022 12:20

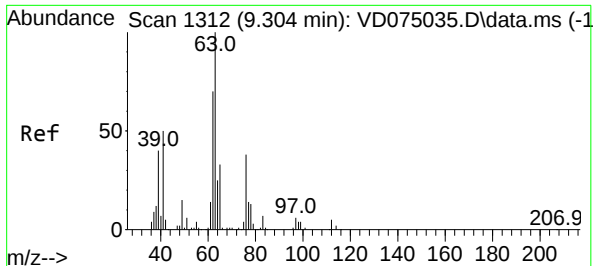
Tgt Ion:130 Resp: 79318

Ion Ratio Lower Upper

130 100

95 92.6 0.0 190.0





#45

1,2-Dichloropropane

Concen: 46.457 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

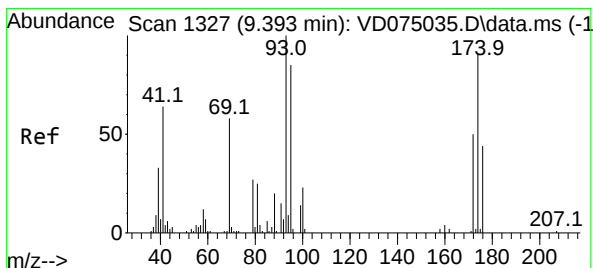
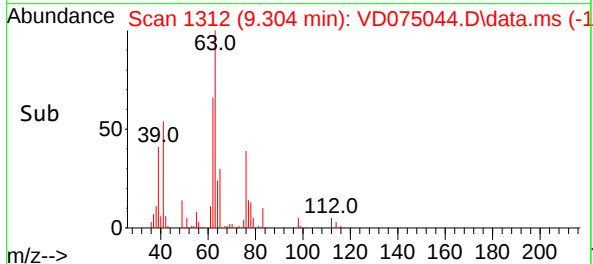
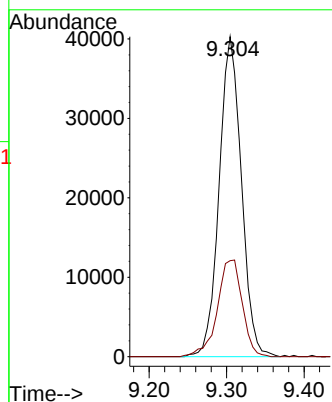
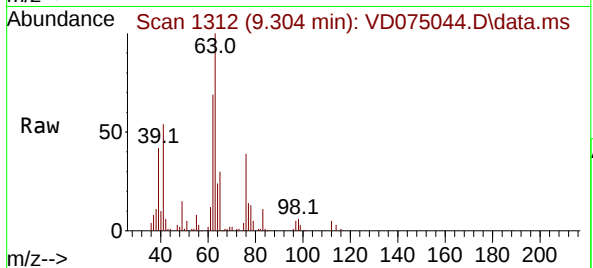
VSTDICCC050

Tgt Ion: 63 Resp: 80387

Ion Ratio Lower Upper

63 100

65 30.0 27.0 40.6



#46

Dibromomethane

Concen: 47.323 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

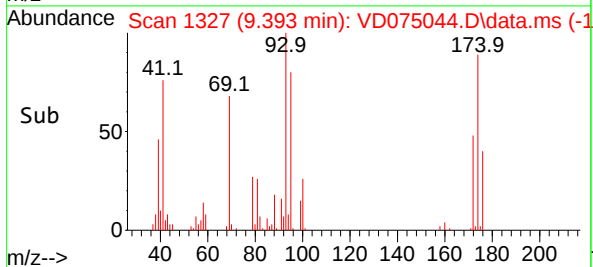
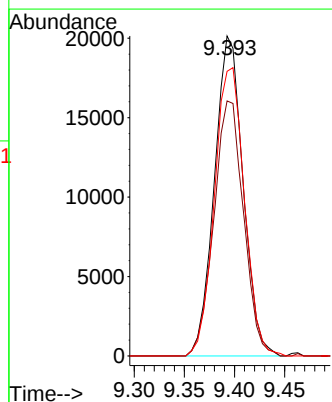
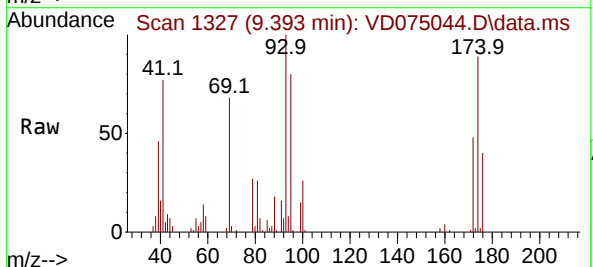
Tgt Ion: 93 Resp: 40001

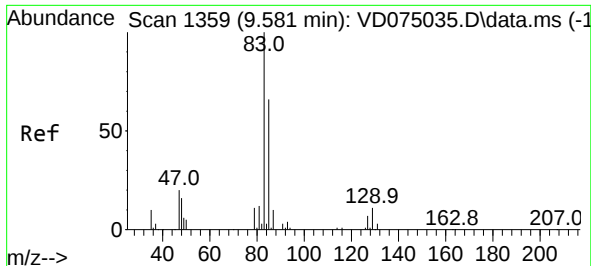
Ion Ratio Lower Upper

93 100

95 82.8 65.7 98.5

174 94.2 74.7 112.1





#47

Bromodichloromethane

Concen: 47.764 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

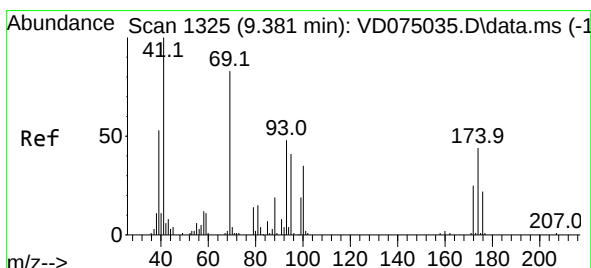
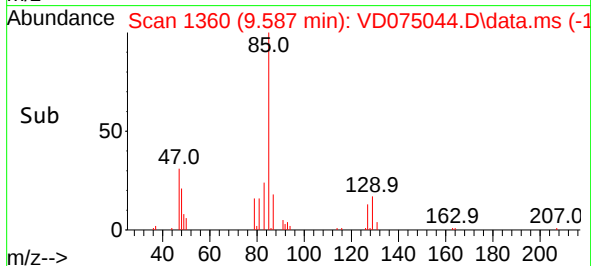
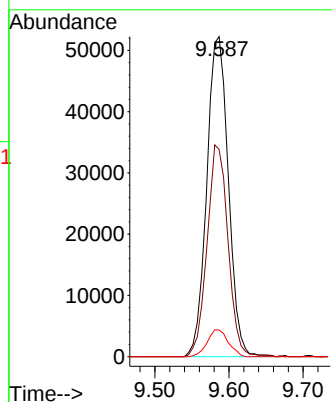
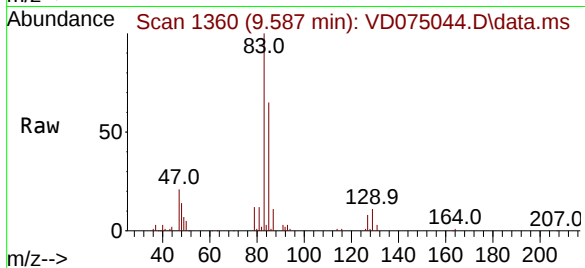
Tgt Ion: 83 Resp: 105804

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8

127 8.3 7.2 10.8



#48

Methyl methacrylate

Concen: 46.076 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

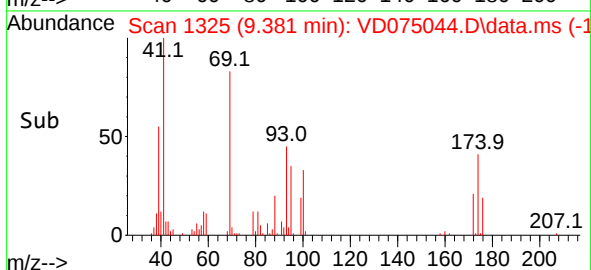
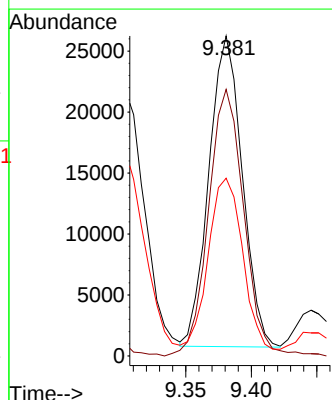
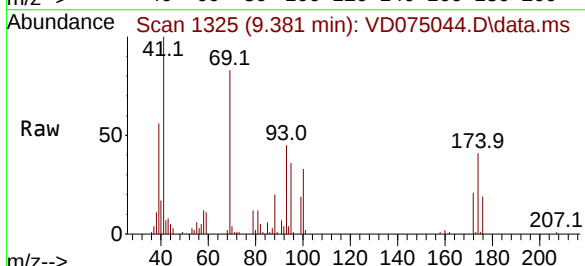
Tgt Ion: 41 Resp: 45049

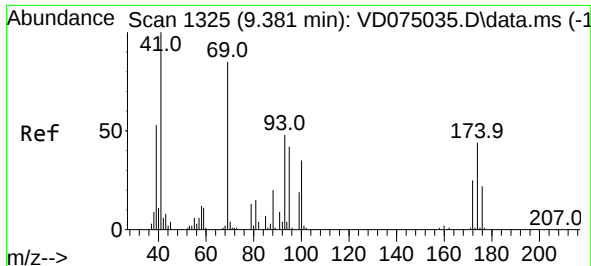
Ion Ratio Lower Upper

41 100

69 91.0 84.8 127.2

39 61.5 43.6 65.4





#49

1,4-Dioxane

Concen: 969.092 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

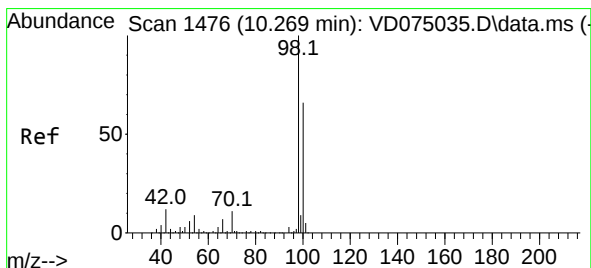
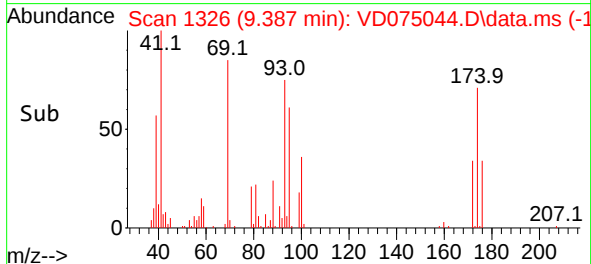
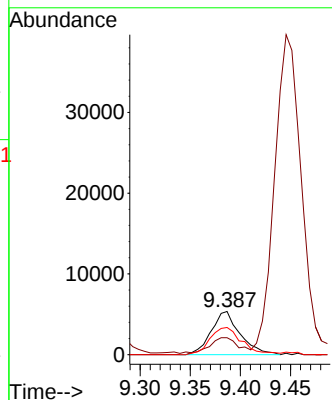
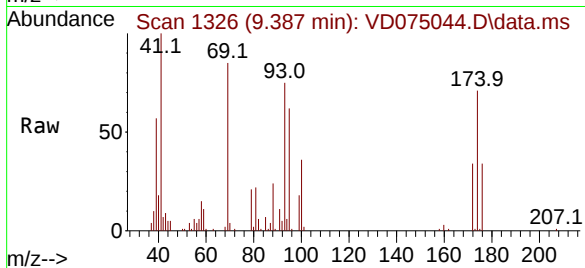
Tgt Ion: 88 Resp: 10721

Ion Ratio Lower Upper

88 100

43 35.7 23.9 35.9

58 69.5 48.4 72.6



#50

Toluene-d8

Concen: 48.445 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075044.D

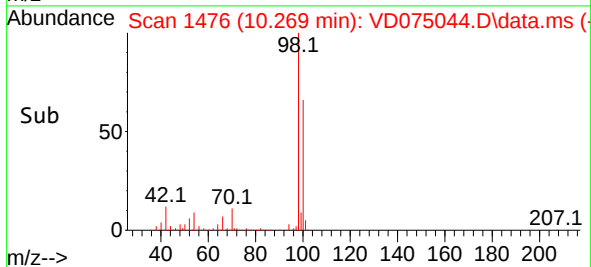
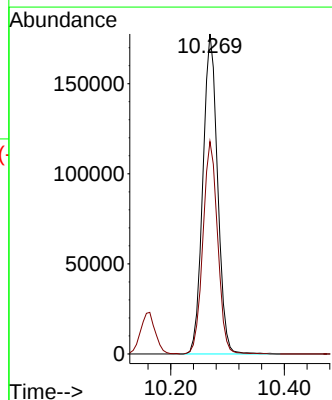
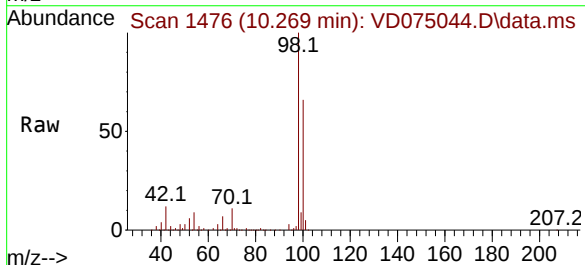
Acq: 22 Dec 2022 12:20

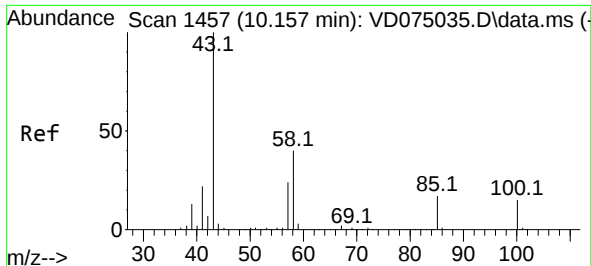
Tgt Ion: 98 Resp: 318860

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2

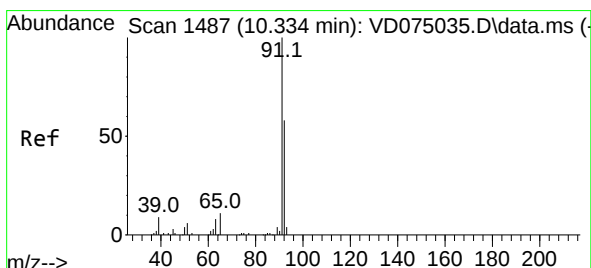
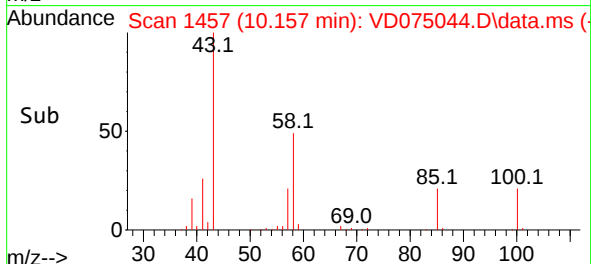
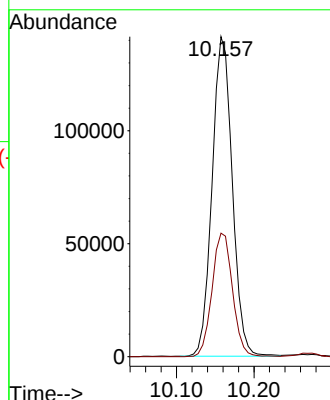
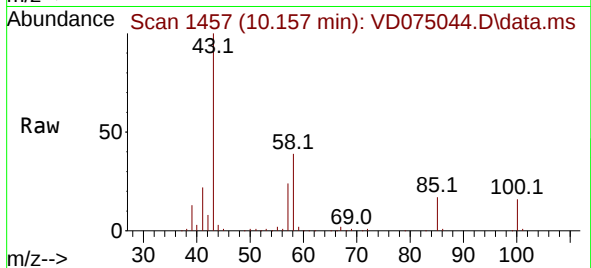




#51
4-Methyl-2-Pentanone
Concen: 239.969 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

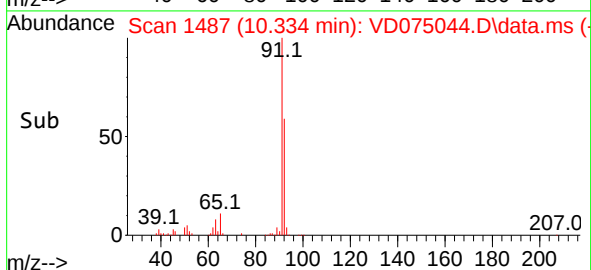
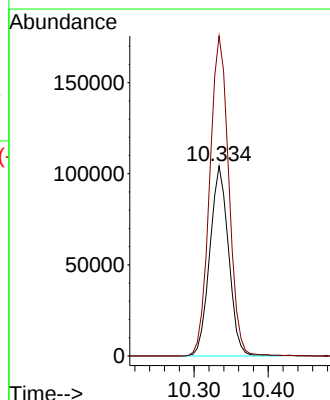
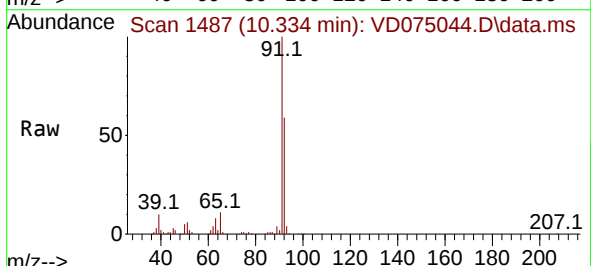
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

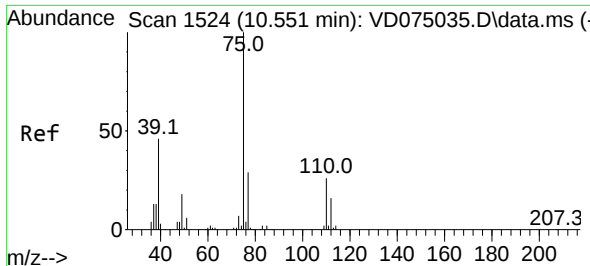
Tgt Ion: 43 Resp: 256033
Ion Ratio Lower Upper
43 100
58 39.3 35.7 53.5



#52
Toluene
Concen: 44.848 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 92 Resp: 183070
Ion Ratio Lower Upper
92 100
91 171.8 139.3 208.9

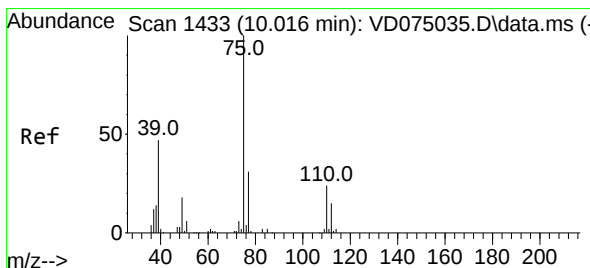
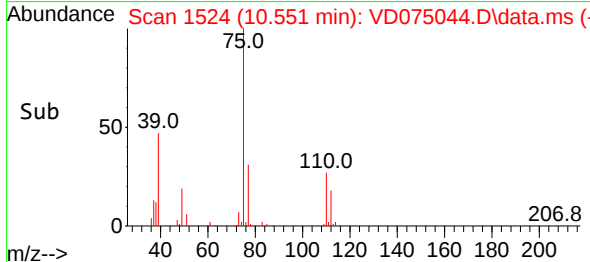
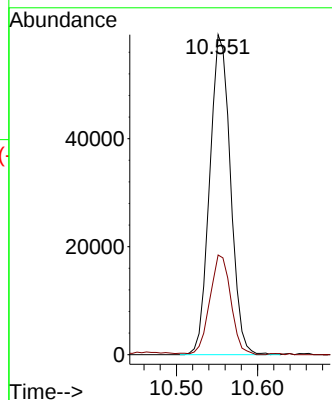
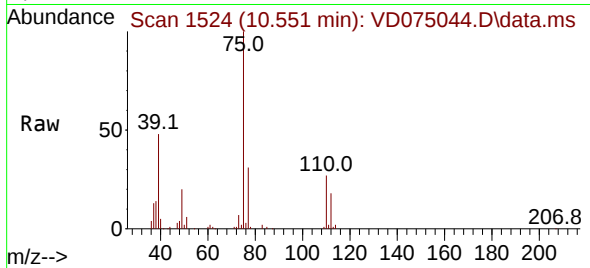




#53
t-1,3-Dichloropropene
Concen: 47.715 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

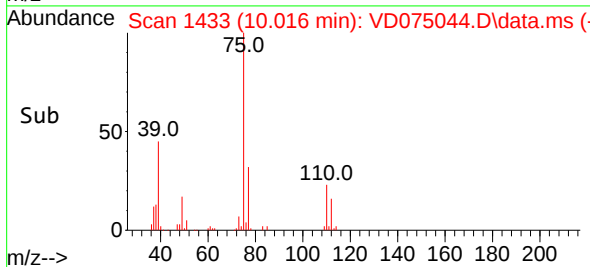
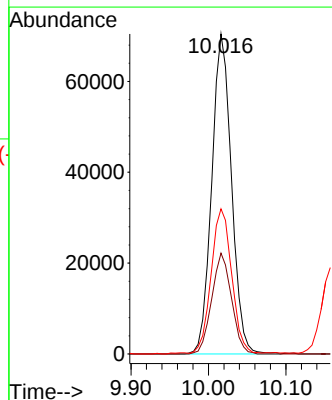
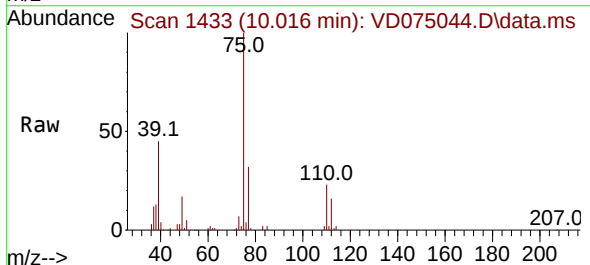
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

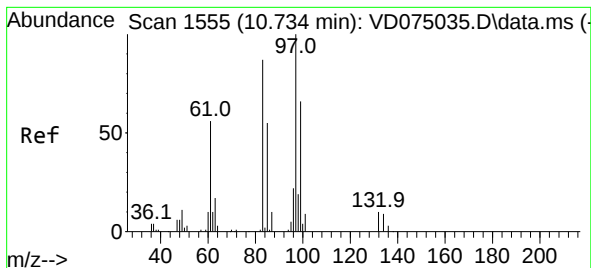
Tgt Ion: 75 Resp: 105114
Ion Ratio Lower Upper
75 100
77 30.8 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 47.134 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 75 Resp: 125002
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 45.1 25.7 38.5#

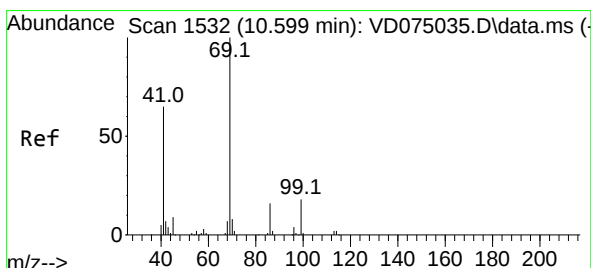
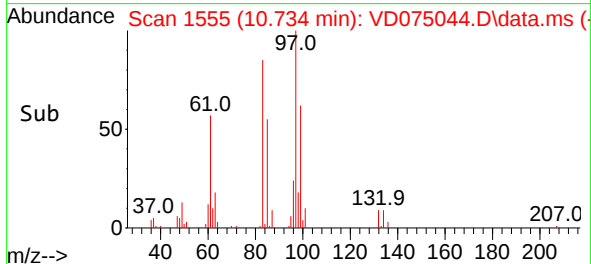
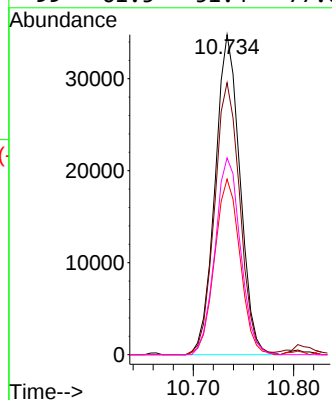
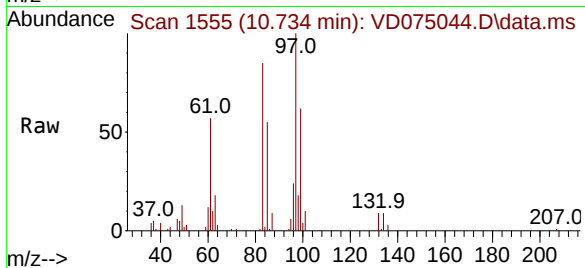




#55
1,1,2-Trichloroethane
Concen: 47.664 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

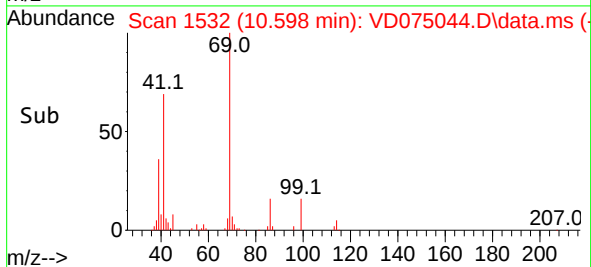
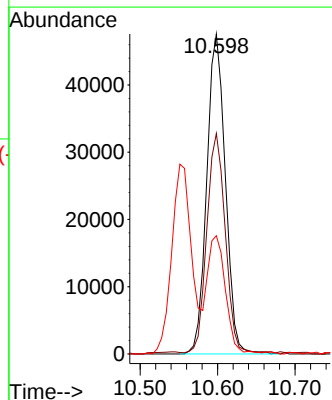
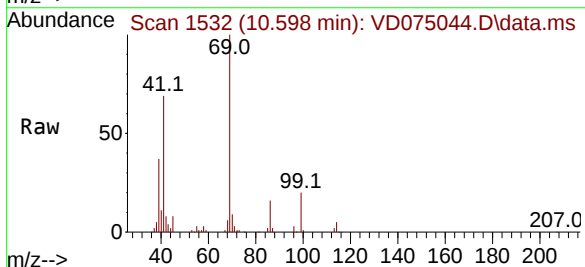
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

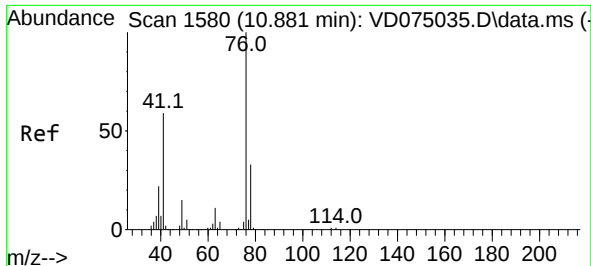
Tgt Ion:	97	Resp:	59856
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.1	97.7
85	54.9	43.3	64.9
99	61.5	51.4	77.0



#56
Ethyl methacrylate
Concen: 46.139 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:	69	Resp:	79274
Ion	Ratio	Lower	Upper
69	100		
41	67.5	42.2	63.4#
39	34.5	20.2	30.4#





#57

1,3-Dichloropropane

Concen: 47.468 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

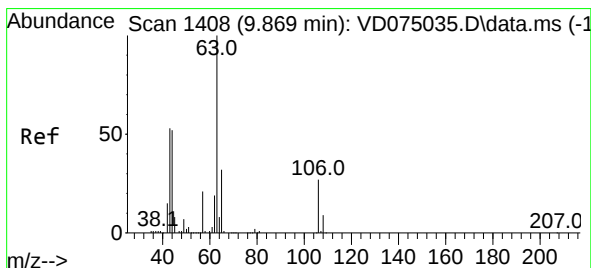
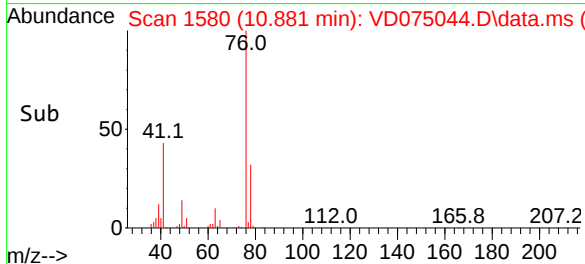
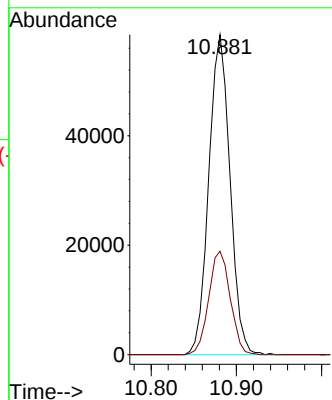
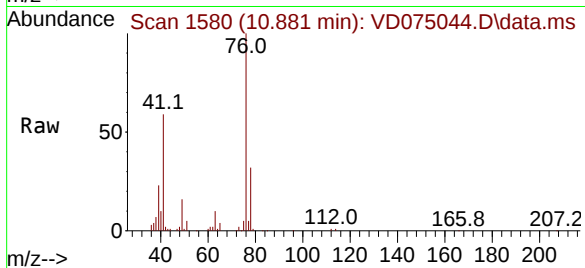
VSTDICCC050

Tgt Ion: 76 Resp: 101098

Ion Ratio Lower Upper

76 100

78 32.8 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 245.646 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075044.D

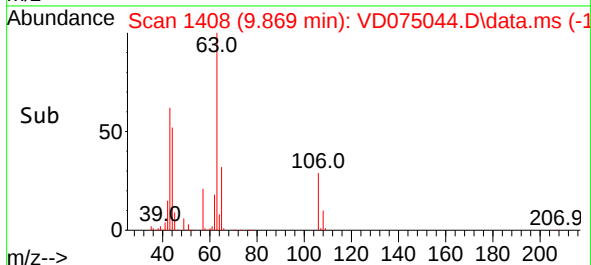
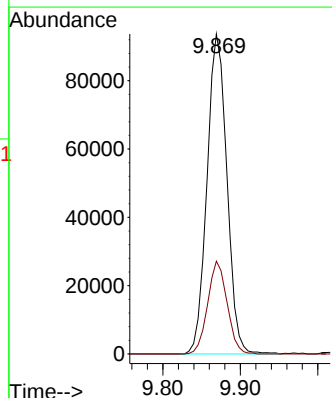
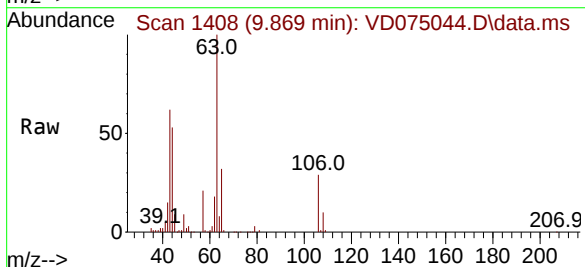
Acq: 22 Dec 2022 12:20

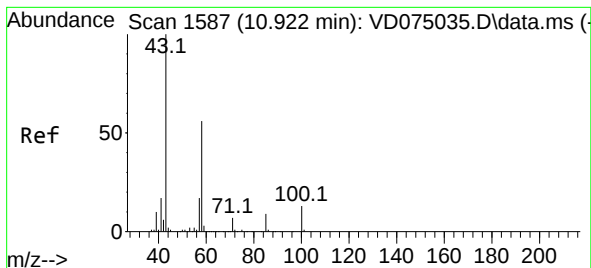
Tgt Ion: 63 Resp: 167078

Ion Ratio Lower Upper

63 100

106 28.3 25.3 37.9

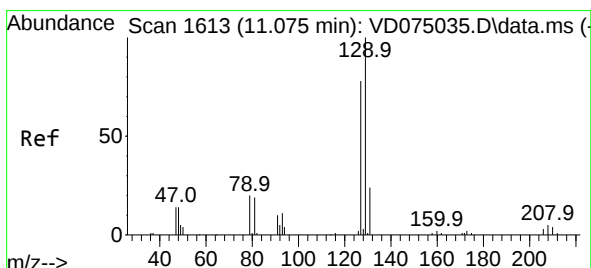
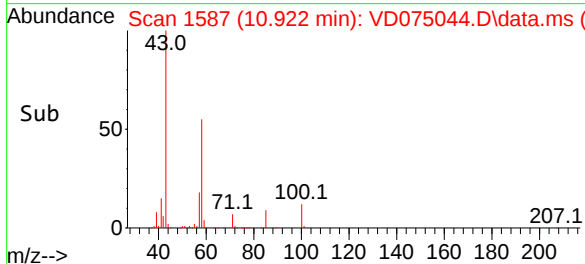
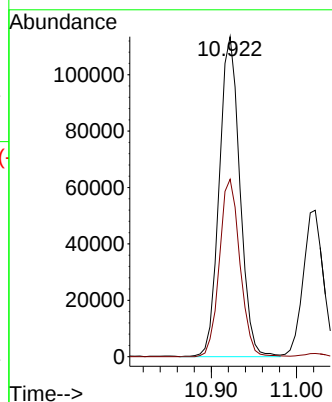
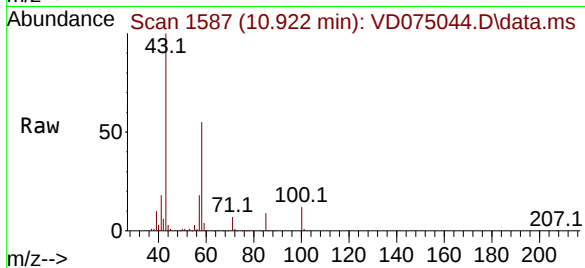




#59
2-Hexanone
Concen: 247.337 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

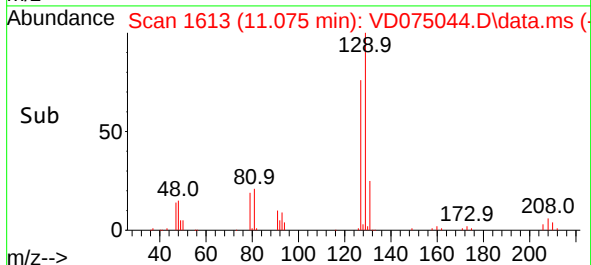
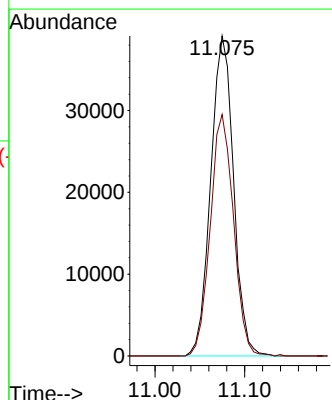
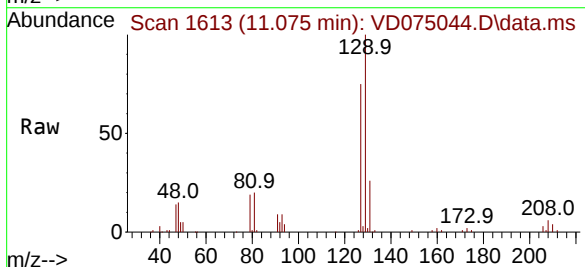
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

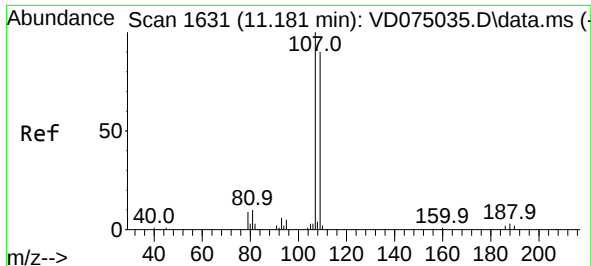
Tgt Ion: 43 Resp: 191099
Ion Ratio Lower Upper
43 100
58 55.1 30.8 92.4



#60
Dibromochloromethane
Concen: 48.122 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 129 Resp: 68985
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

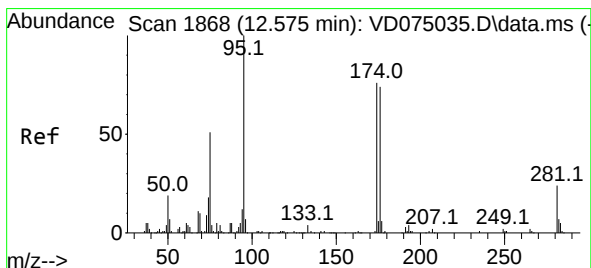
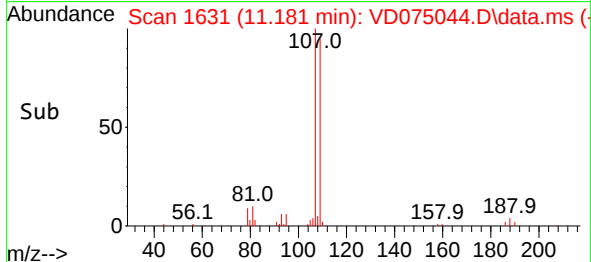
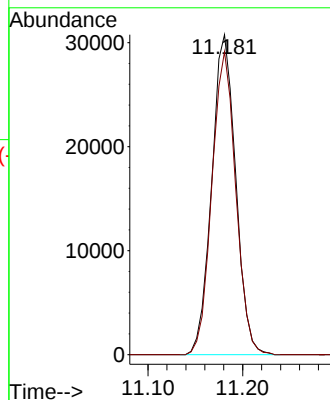
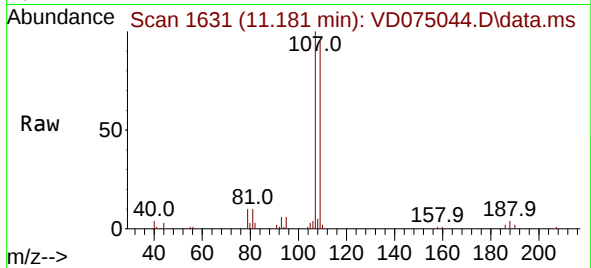




#61
1,2-Dibromoethane
Concen: 47.492 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

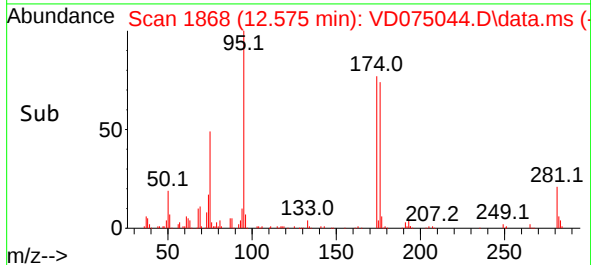
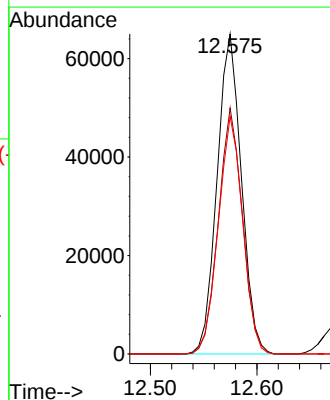
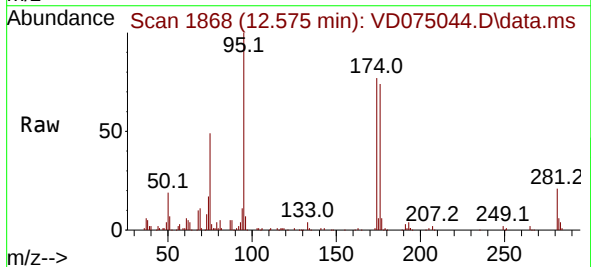
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

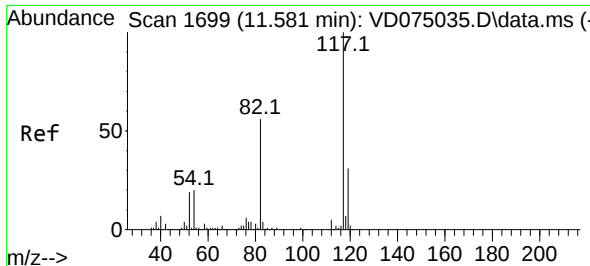
Tgt Ion:107 Resp: 54020
Ion Ratio Lower Upper
107 100
109 94.3 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 48.303 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 95 Resp: 102905
Ion Ratio Lower Upper
95 100
174 76.3 0.0 171.2
176 74.2 0.0 165.0

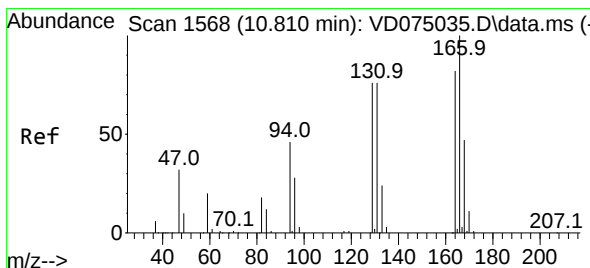
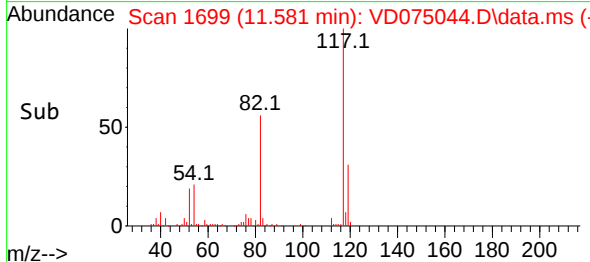
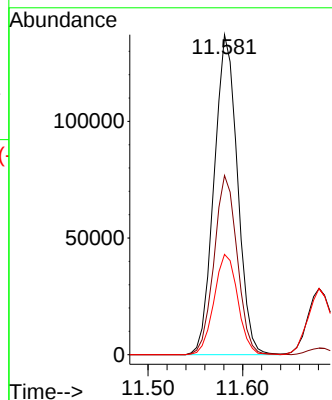
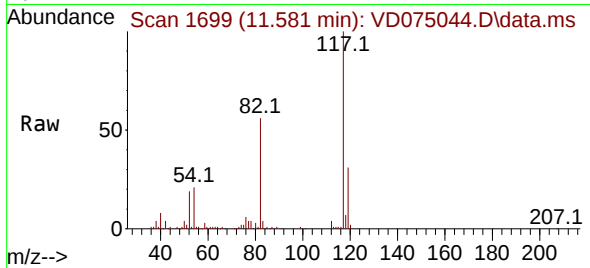




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

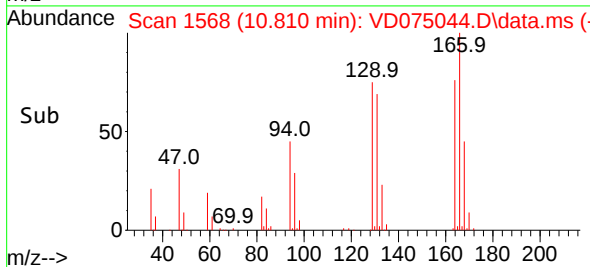
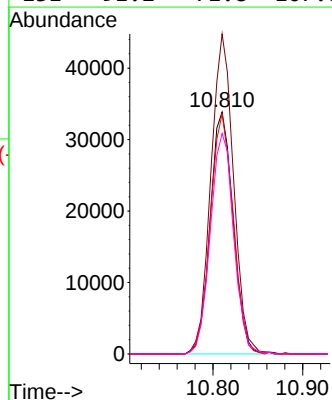
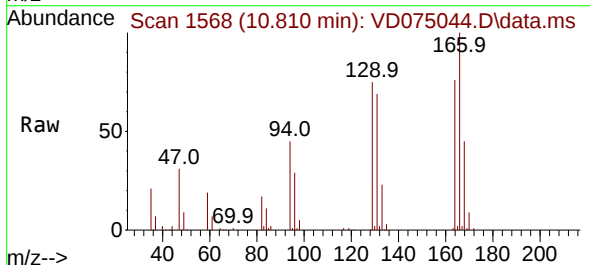
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

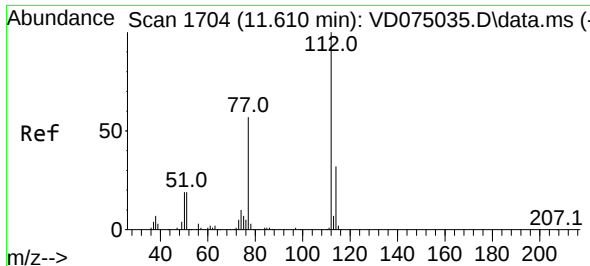
Tgt Ion:117 Resp: 235079
Ion Ratio Lower Upper
117 100
82 56.0 40.9 61.3
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 43.681 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:164 Resp: 60525
Ion Ratio Lower Upper
164 100
166 132.3 99.4 149.0
129 99.3 76.7 115.1
131 91.2 71.8 107.8

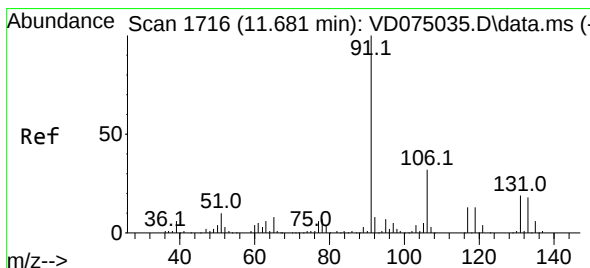
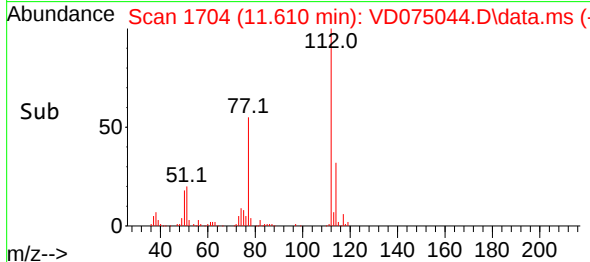
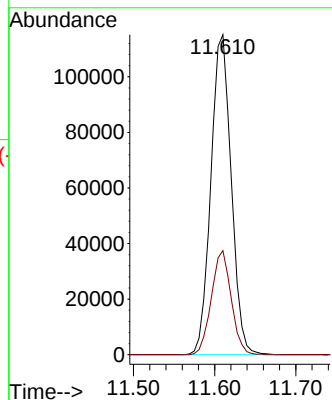
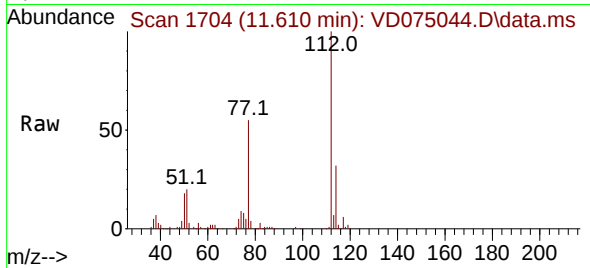




#65
Chlorobenzene
Concen: 46.385 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

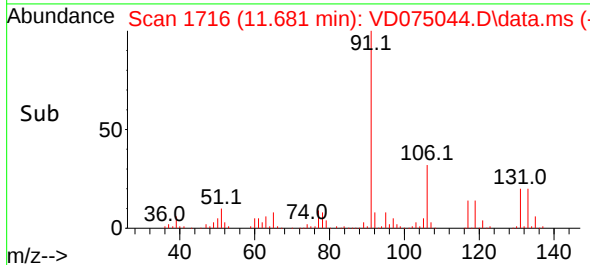
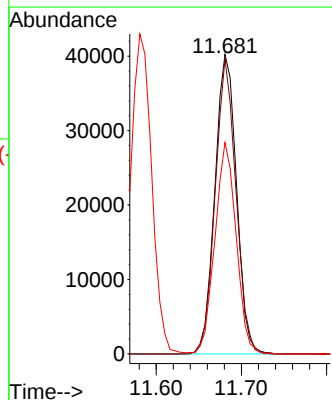
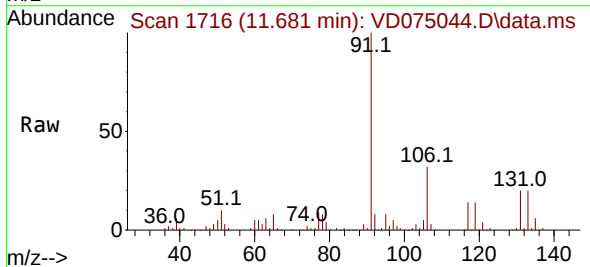
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

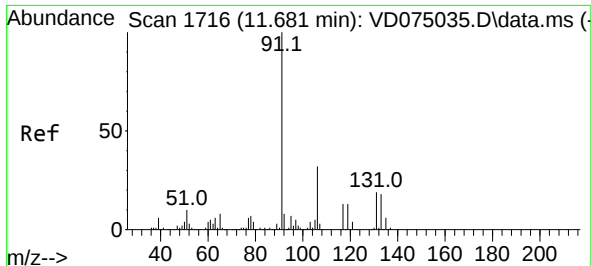
Tgt Ion:112 Resp: 200337
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.350 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:131 Resp: 70765
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.6
119 69.6 34.2 102.5

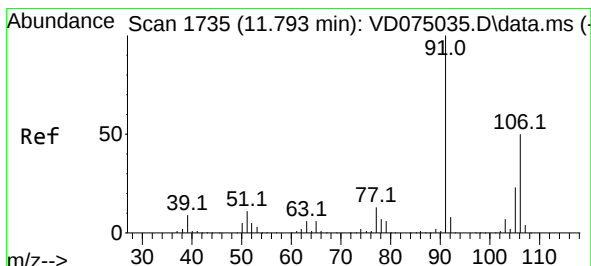
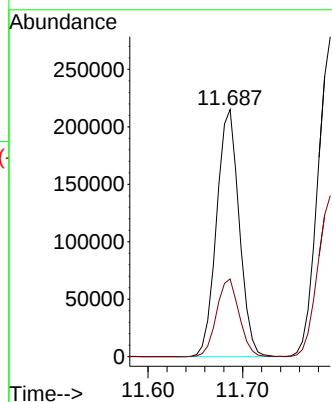
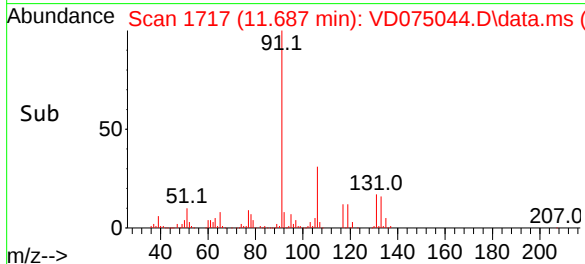
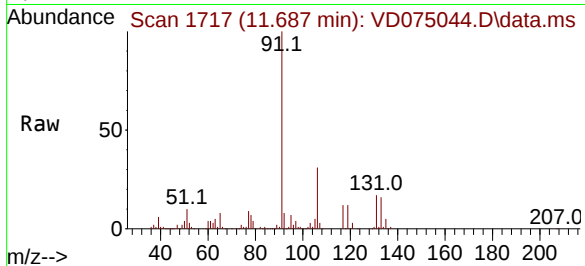




#67
Ethyl Benzene
Concen: 45.264 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

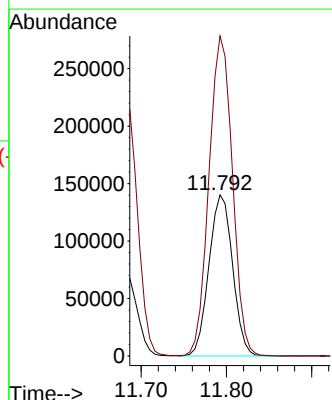
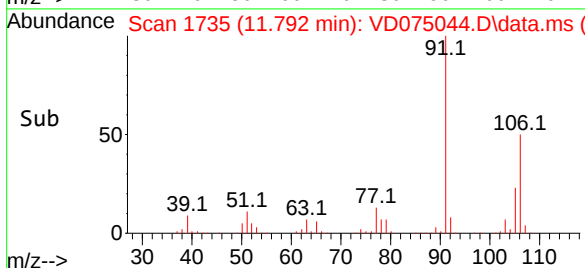
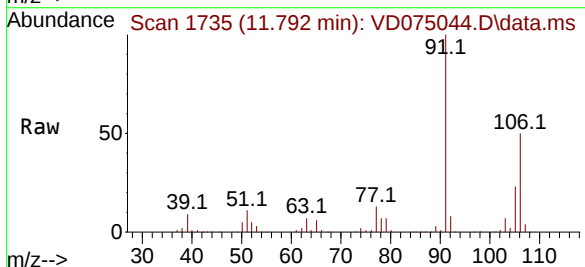
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

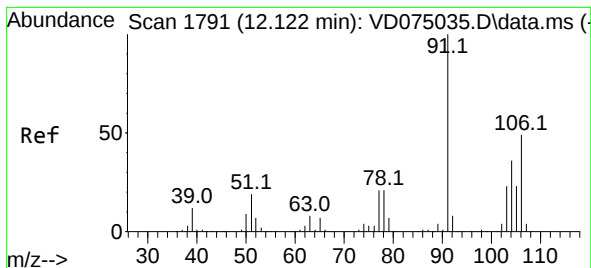
Tgt Ion: 91 Resp: 356748
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 90.254 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:106 Resp: 269838
Ion Ratio Lower Upper
106 100
91 197.6 156.3 234.5





#69

o-Xylene

Concen: 45.512 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

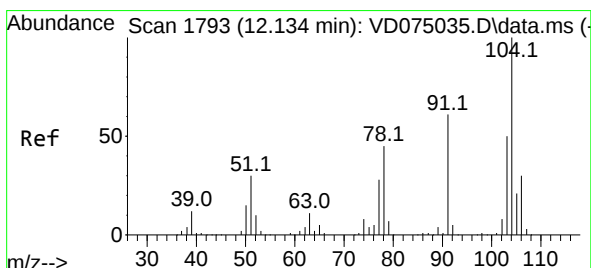
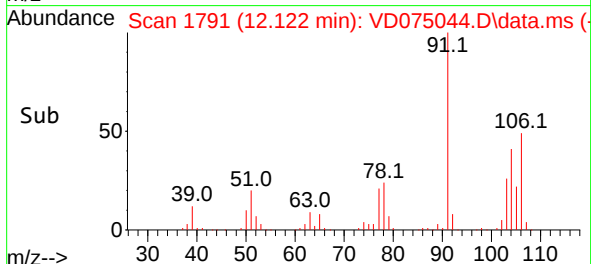
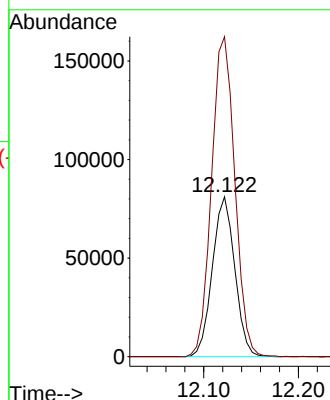
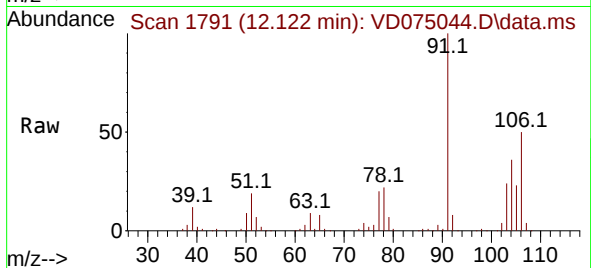
VSTDICCC050

Tgt Ion:106 Resp: 133388

Ion Ratio Lower Upper

106 100

91 207.4 102.7 308.1



#70

Styrene

Concen: 46.216 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

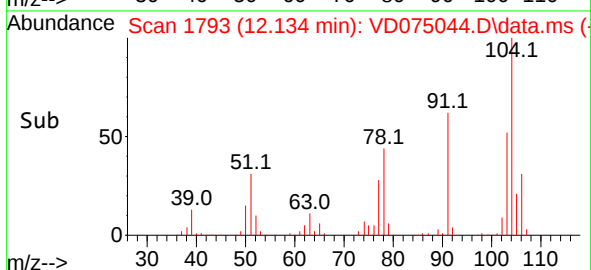
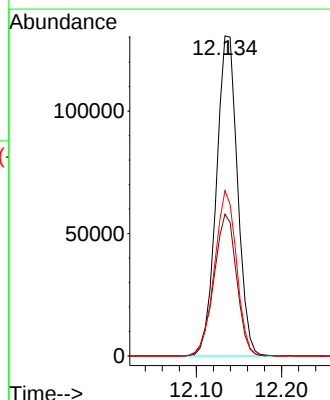
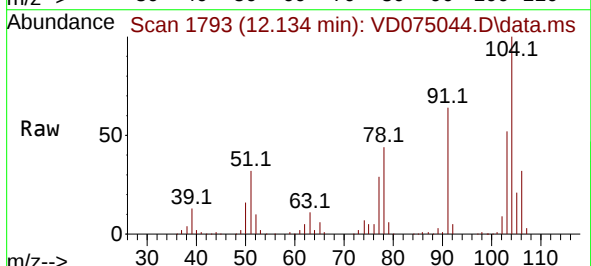
Tgt Ion:104 Resp: 225768

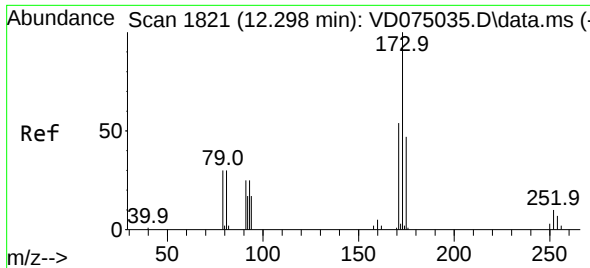
Ion Ratio Lower Upper

104 100

78 47.7 35.5 53.3

103 53.8 43.9 65.9

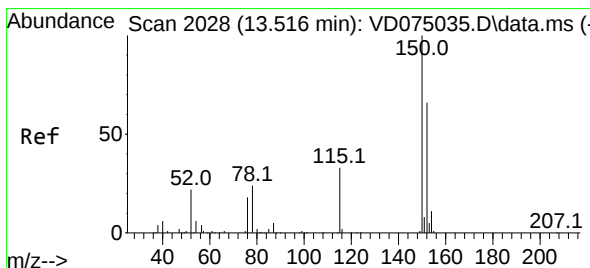
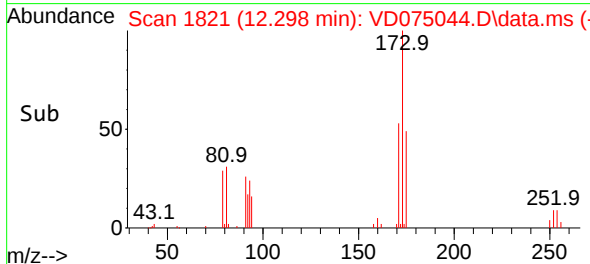
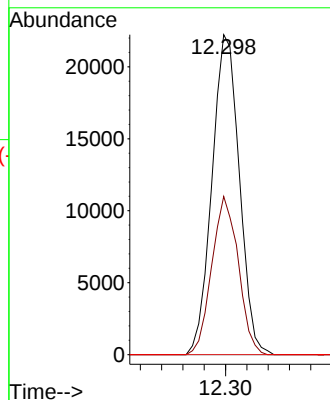
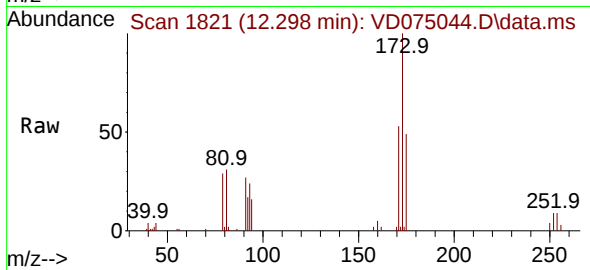




#71
Bromoform
Concen: 49.398 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

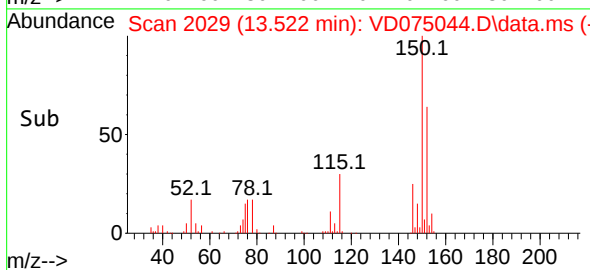
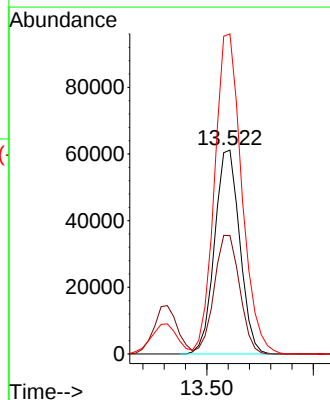
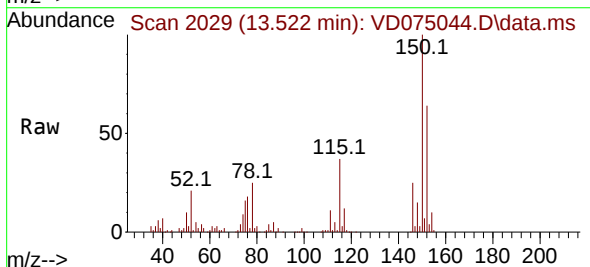
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

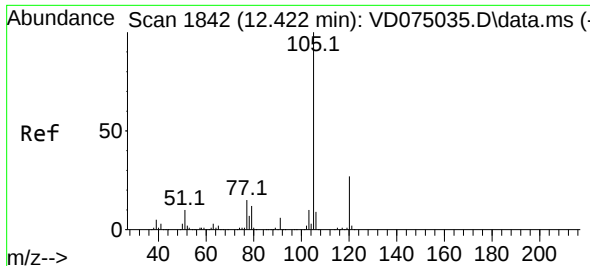
Tgt Ion:173 Resp: 39659
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:152 Resp: 100096
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 169.8 0.0 354.2

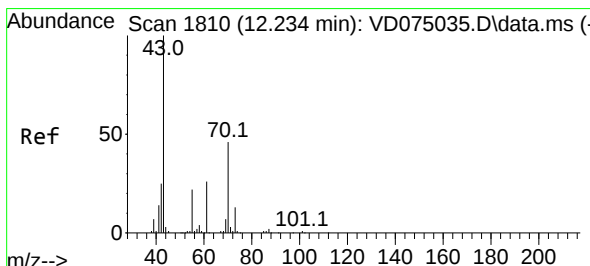
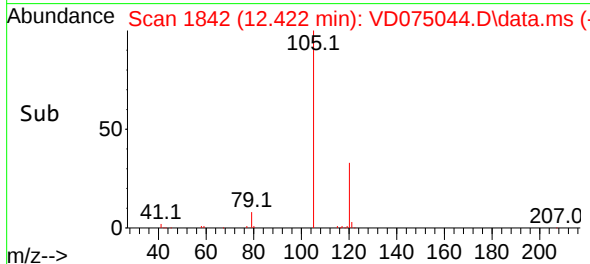
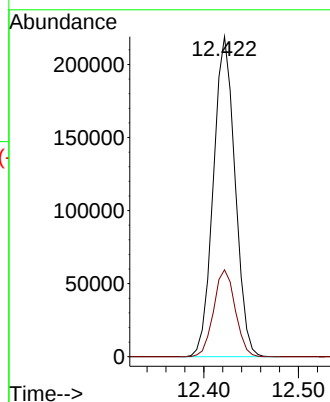
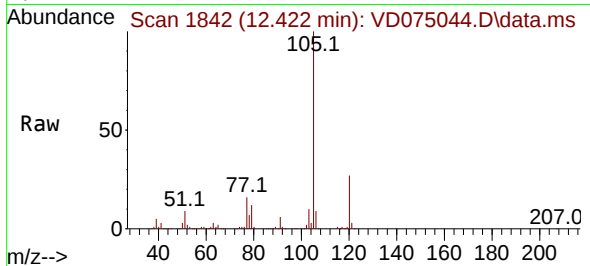




#73
Isopropylbenzene
Concen: 45.089 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

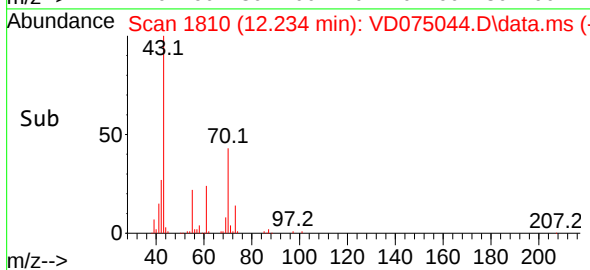
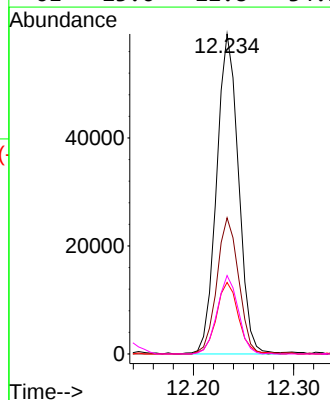
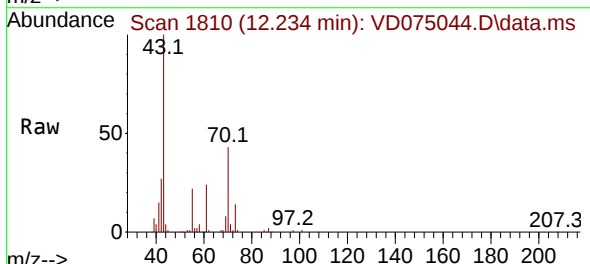
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

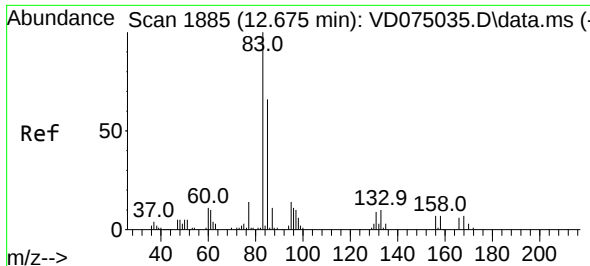
Tgt Ion:105 Resp: 348300
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 45.512 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 43 Resp: 89936
Ion Ratio Lower Upper
43 100
70 42.3 40.6 60.8
55 22.7 22.0 33.0
61 23.6 22.8 34.2

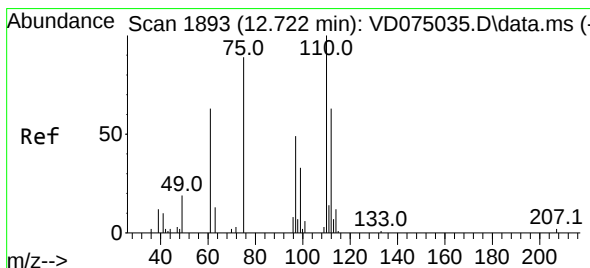
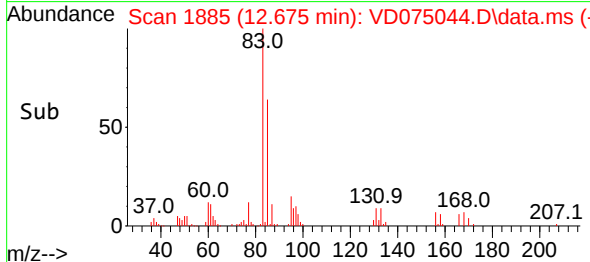
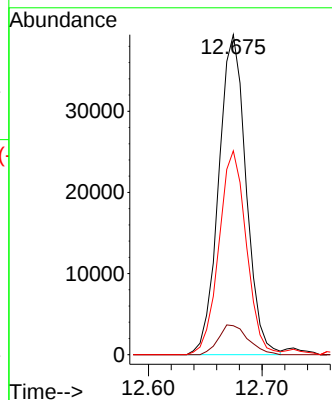
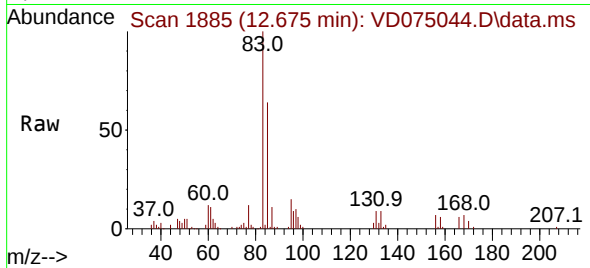




#75
1,1,2,2-Tetrachloroethane
Concen: 46.107 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

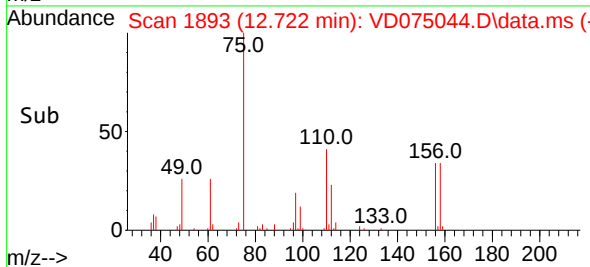
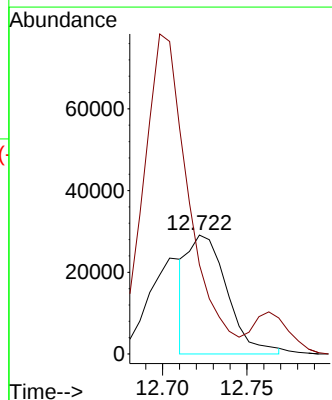
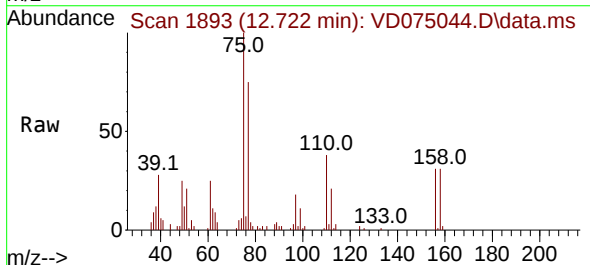
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

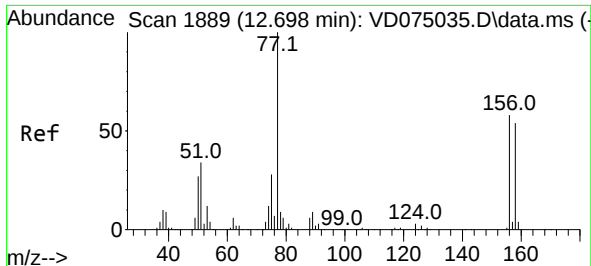
Tgt Ion: 83 Resp: 66056
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.6
85 63.9 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 44.581 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 75 Resp: 47144
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

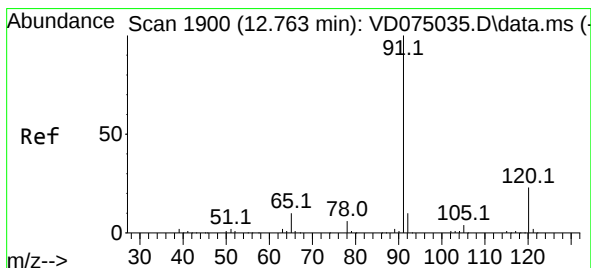
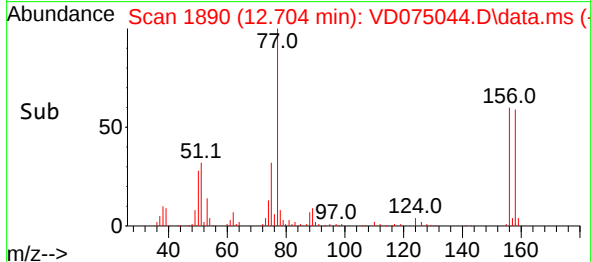
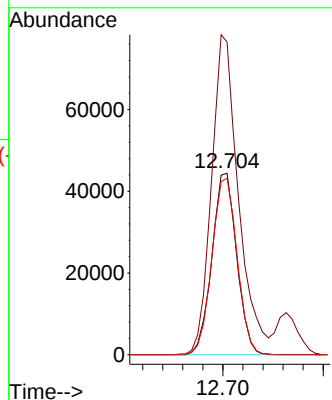
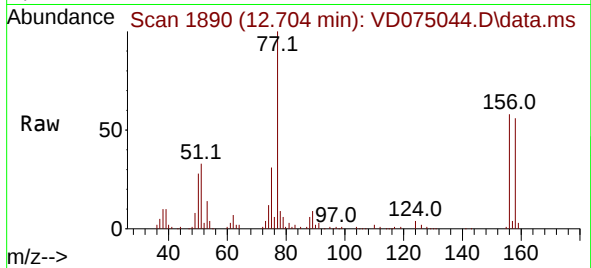




#77
Bromobenzene
Concen: 46.346 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

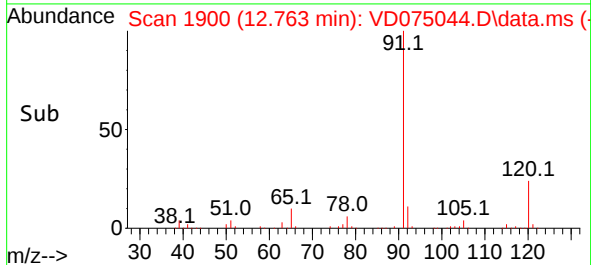
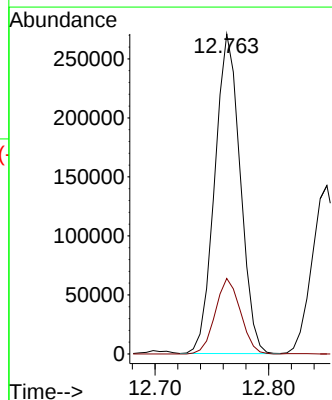
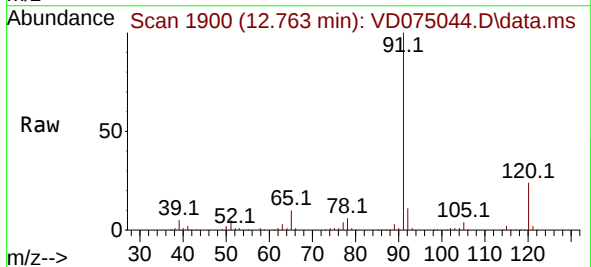
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

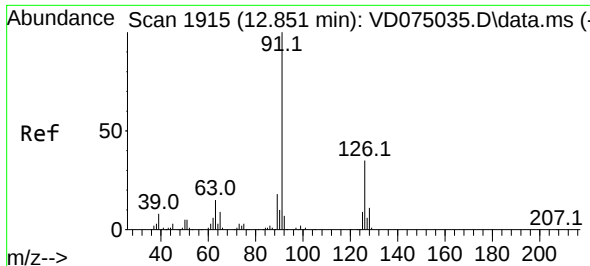
Tgt Ion:156 Resp: 75925
Ion Ratio Lower Upper
156 100
77 192.3 86.3 258.9
158 99.2 48.3 144.9



#78
n-propylbenzene
Concen: 44.578 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 91 Resp: 422089
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7

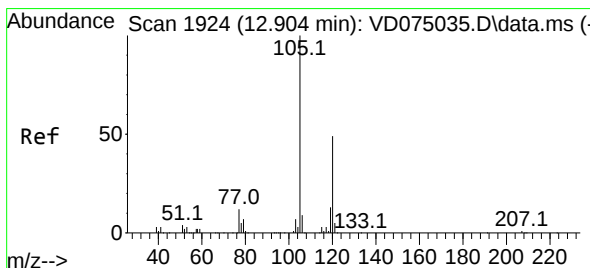
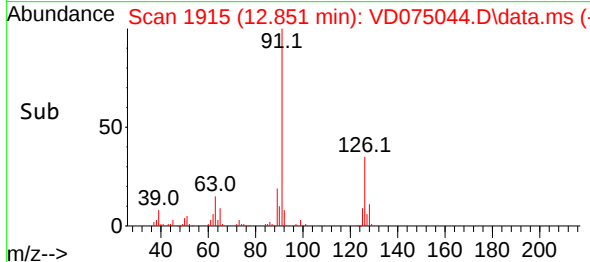
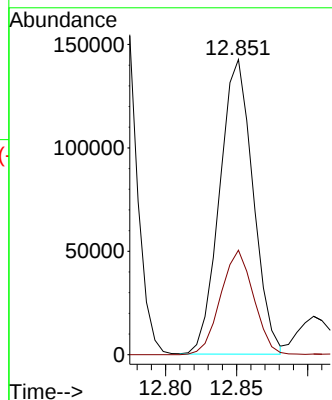
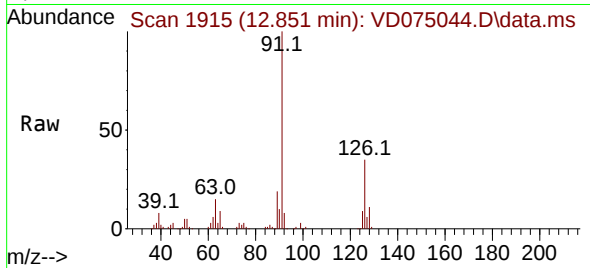




#79
2-Chlorotoluene
Concen: 45.157 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

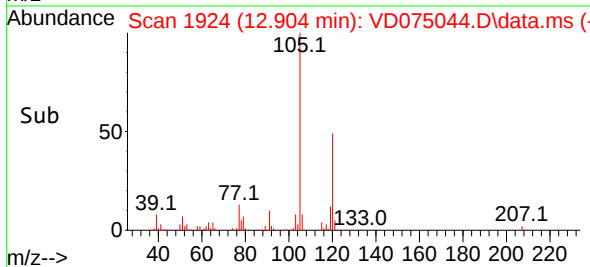
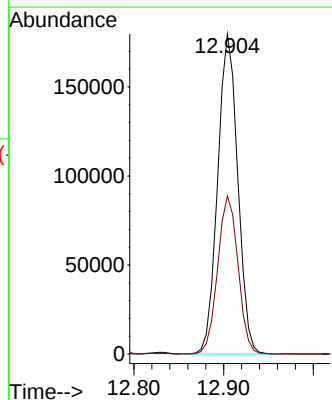
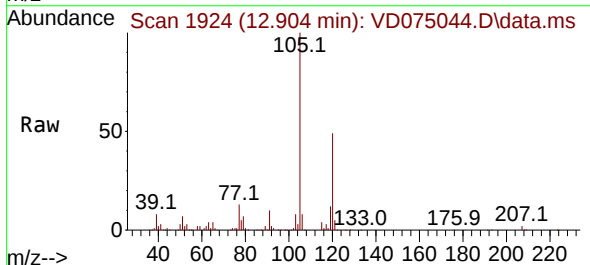
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

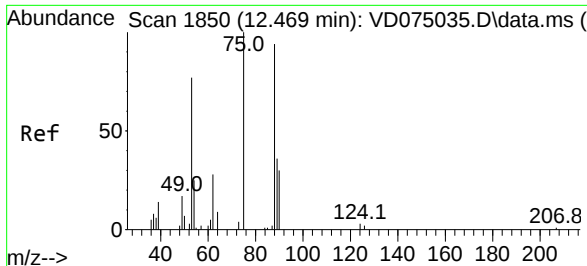
Tgt Ion: 91 Resp: 233989
Ion Ratio Lower Upper
91 100
126 34.9 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 44.792 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 105 Resp: 279156
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.3

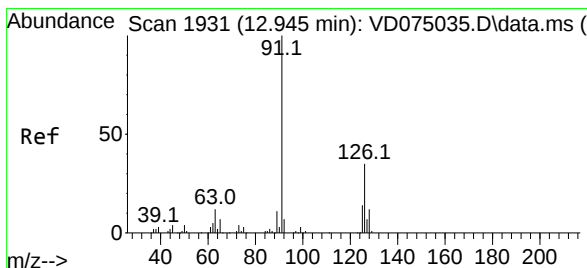
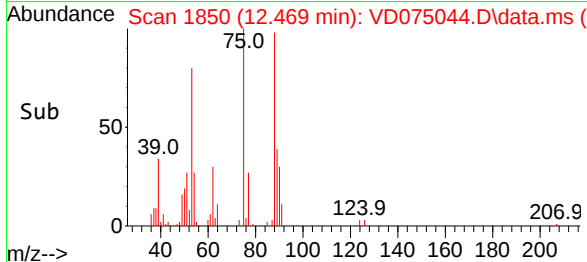
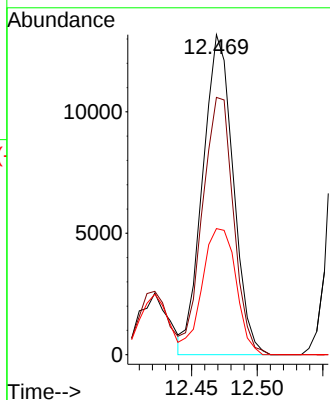
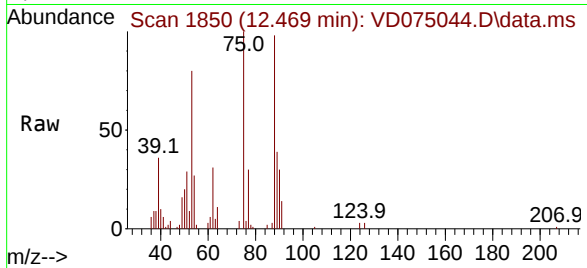




#81
trans-1,4-Dichloro-2-butene
Concen: 46.816 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

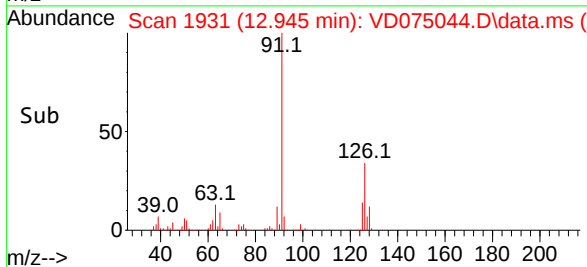
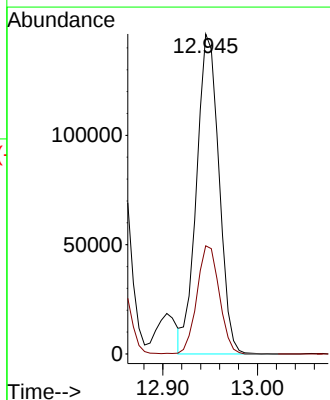
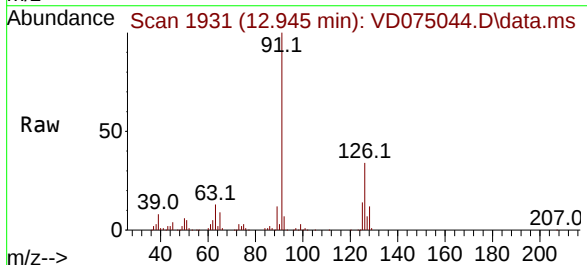
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

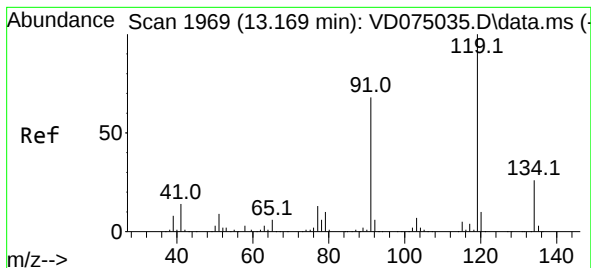
Tgt Ion: 75 Resp: 21320
Ion Ratio Lower Upper
75 100
53 81.9 60.0 90.0
89 43.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 44.671 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 91 Resp: 240346
Ion Ratio Lower Upper
91 100
126 33.8 18.1 54.1





#83

tert-Butylbenzene

Concen: 45.136 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

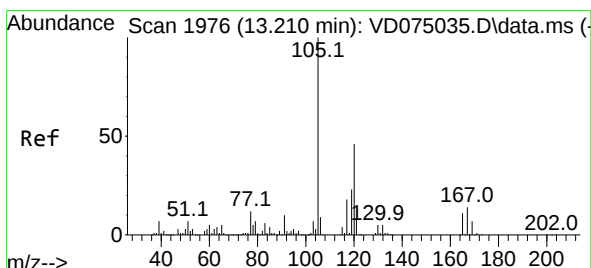
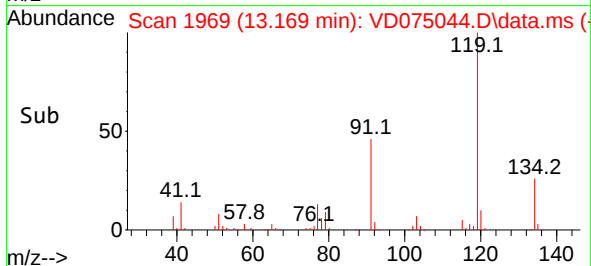
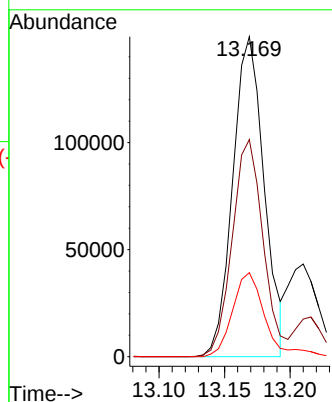
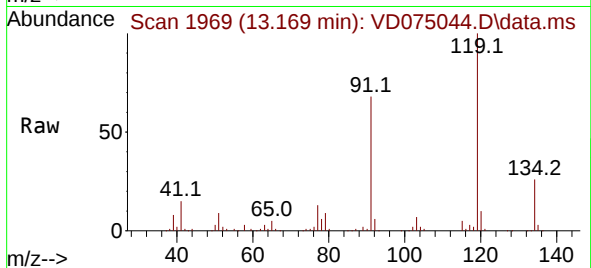
Tgt Ion:119 Resp: 248805

Ion Ratio Lower Upper

119 100

91 67.2 31.2 93.6

134 27.2 13.8 41.3



#84

1,2,4-Trimethylbenzene

Concen: 44.896 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD075044.D

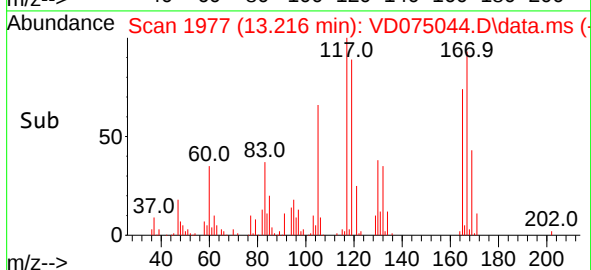
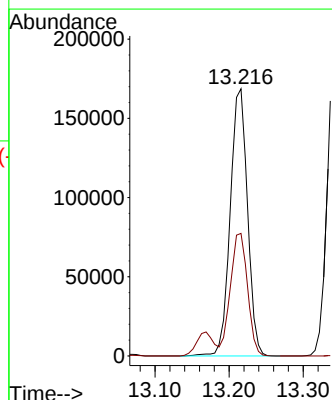
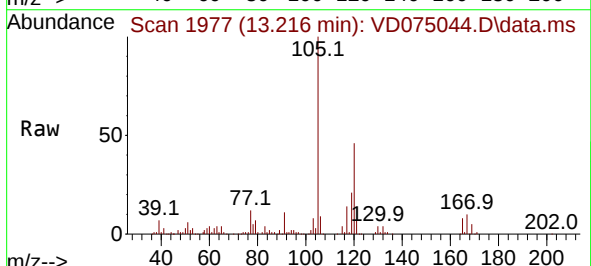
Acq: 22 Dec 2022 12:20

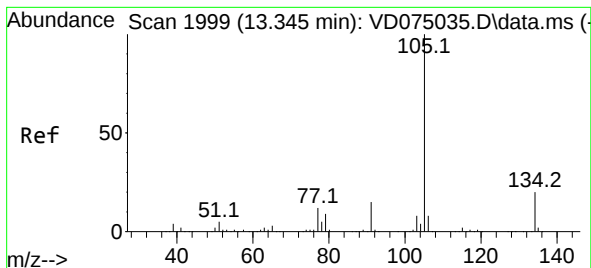
Tgt Ion:105 Resp: 272570

Ion Ratio Lower Upper

105 100

120 45.6 23.1 69.3

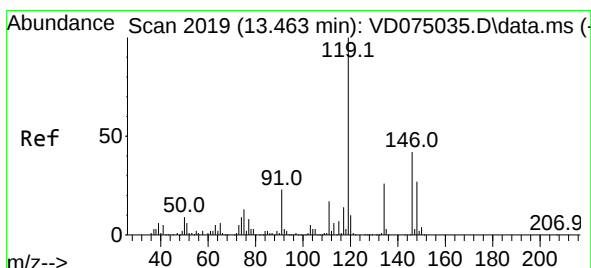
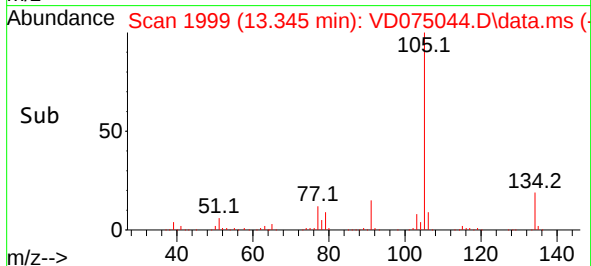
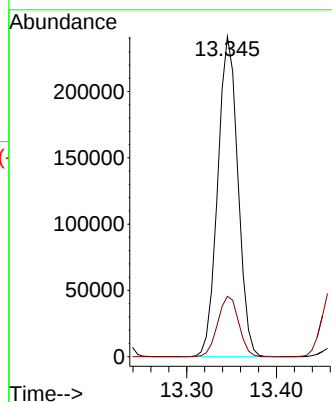
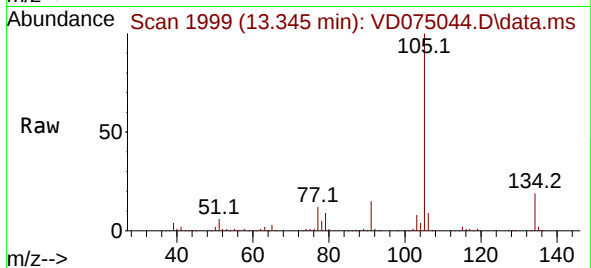




#85
 sec-Butylbenzene
 Concen: 44.756 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075044.D
 Acq: 22 Dec 2022 12:20

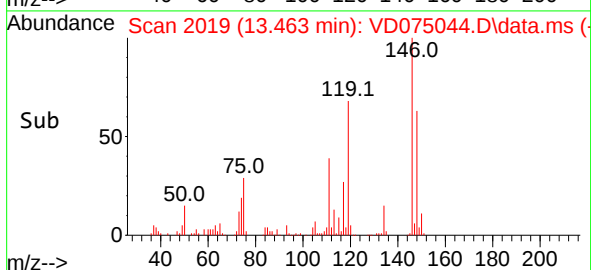
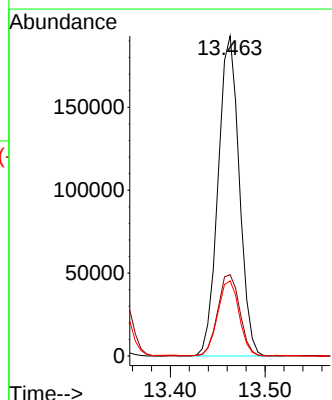
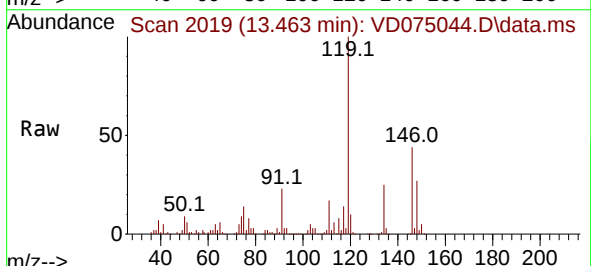
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

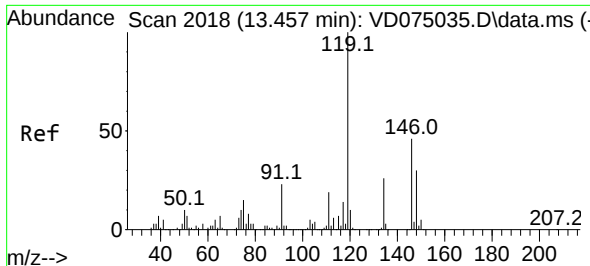
Tgt Ion:105 Resp: 377210
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 44.791 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075044.D
 Acq: 22 Dec 2022 12:20

Tgt Ion:119 Resp: 299716
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 23.9 11.1 33.1

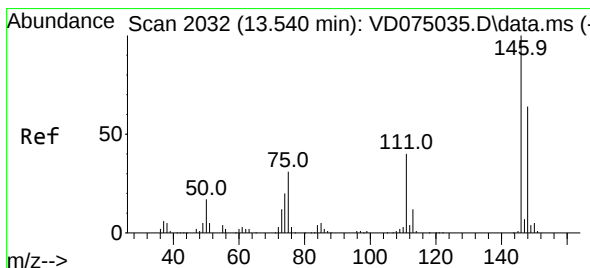
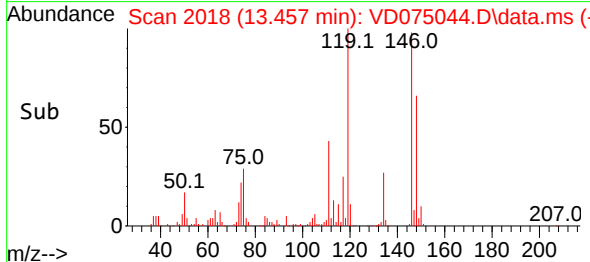
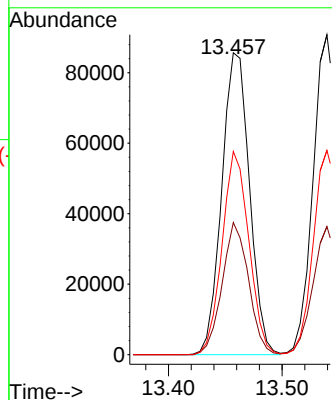
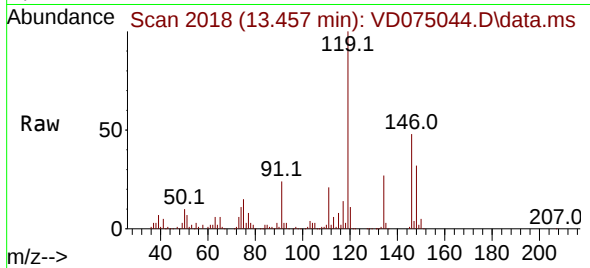




#87
1,3-Dichlorobenzene
Concen: 45.478 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

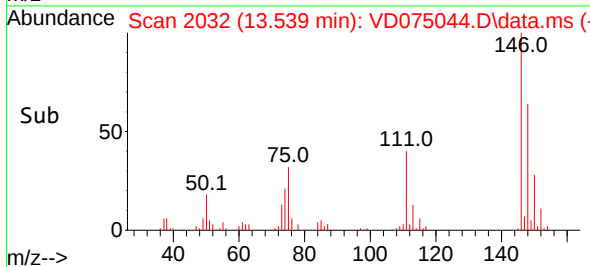
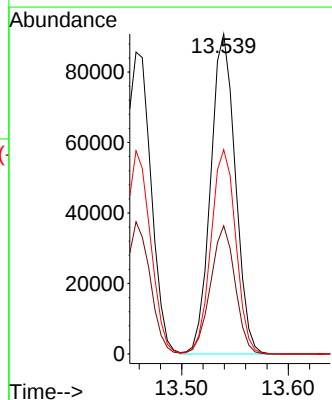
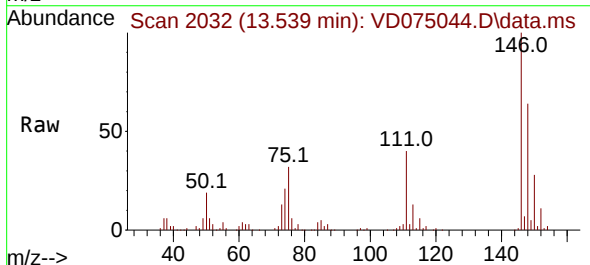
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

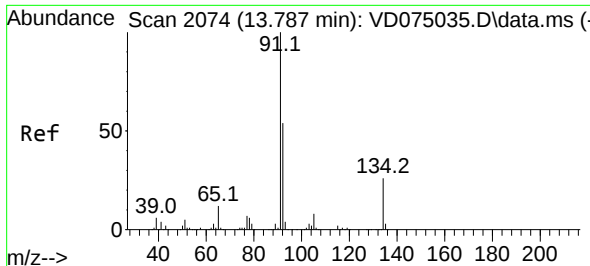
Tgt Ion:146 Resp: 145523
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.5
148 64.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 45.586 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:146 Resp: 146066
Ion Ratio Lower Upper
146 100
111 39.9 18.6 55.6
148 64.1 32.0 96.2

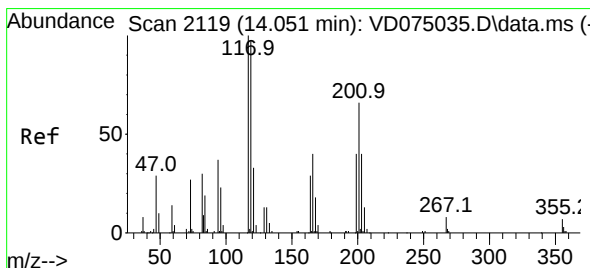
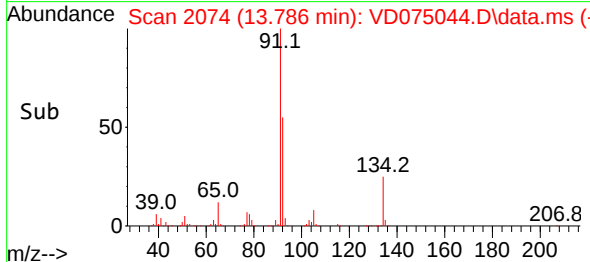
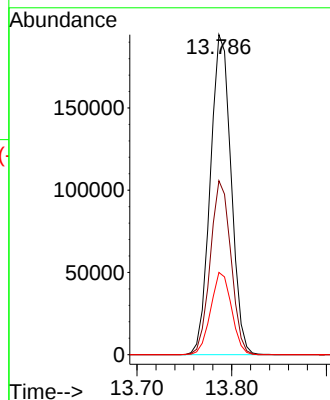
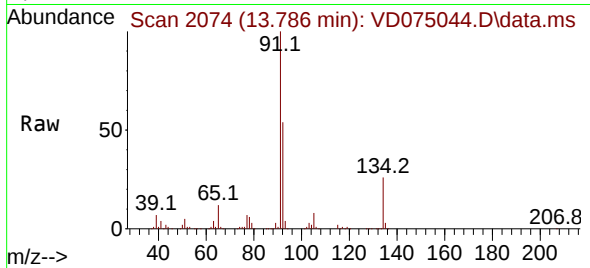




#89
n-Butylbenzene
Concen: 44.201 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

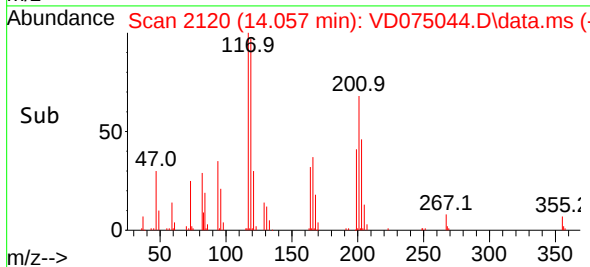
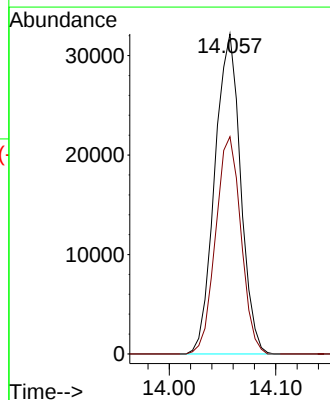
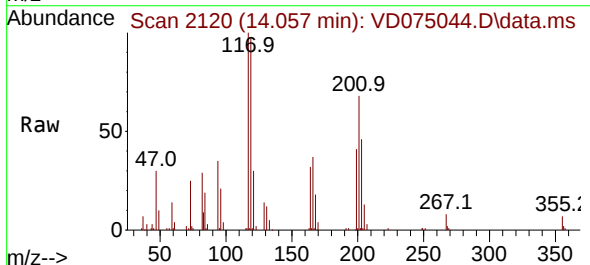
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

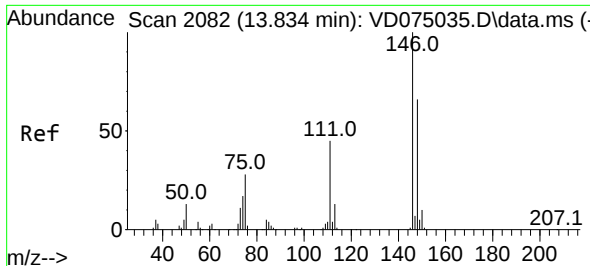
Tgt Ion: 91 Resp: 296356
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.3
134 25.8 13.3 39.8



#90
Hexachloroethane
Concen: 45.620 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion: 117 Resp: 54176
Ion Ratio Lower Upper
117 100
201 66.5 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 46.692 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

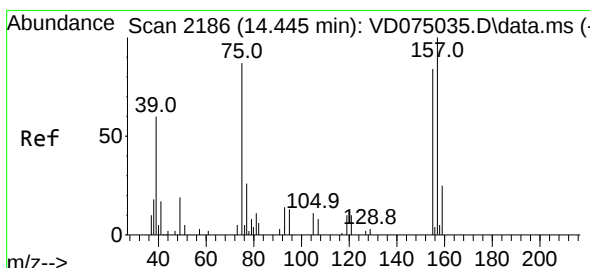
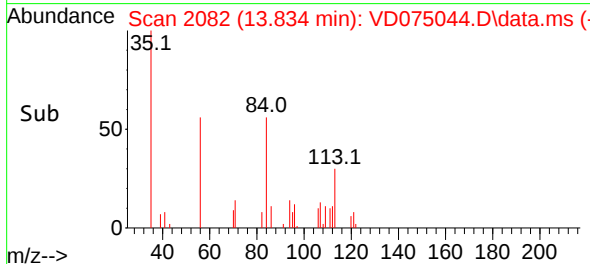
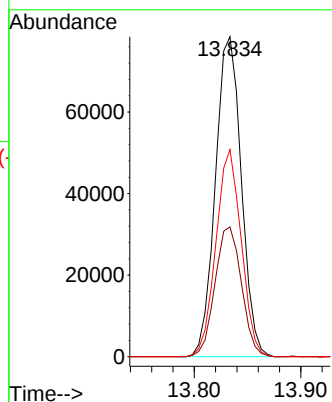
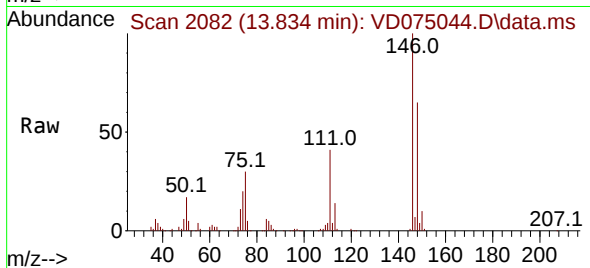
Tgt Ion:146 Resp: 132634

Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.7

148 63.1 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.701 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075044.D

Acq: 22 Dec 2022 12:20

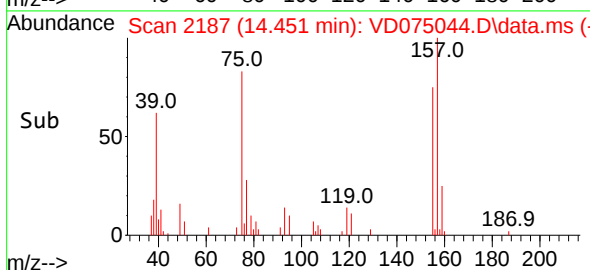
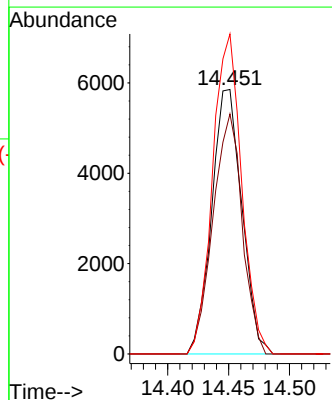
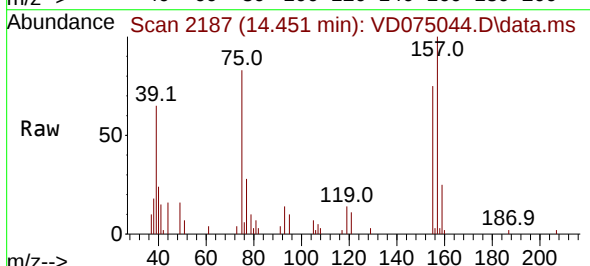
Tgt Ion: 75 Resp: 10102

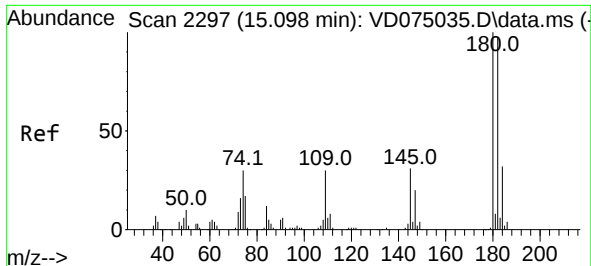
Ion Ratio Lower Upper

75 100

155 87.9 47.1 141.4

157 116.1 56.7 170.1

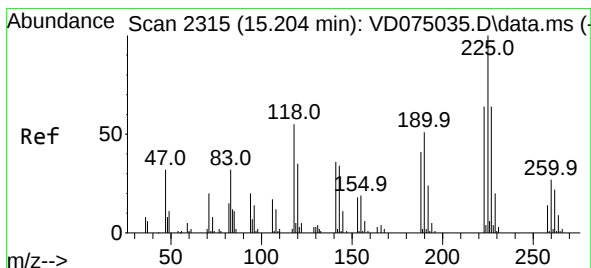
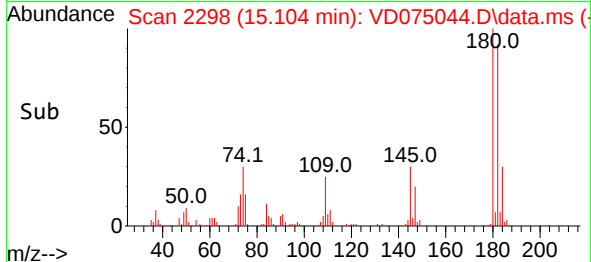
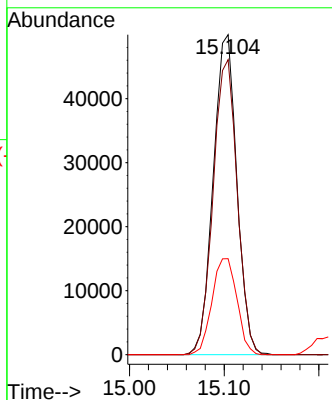
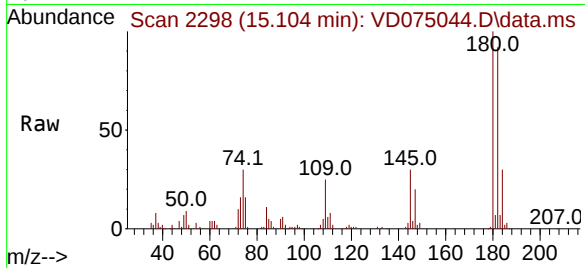




#93
1,2,4-Trichlorobenzene
Concen: 47.635 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

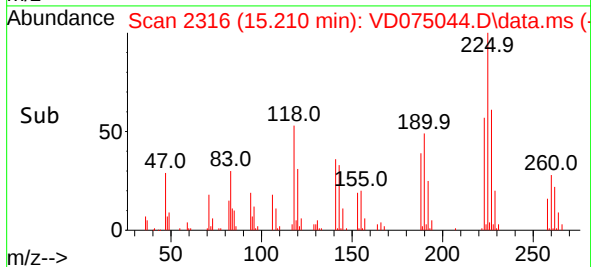
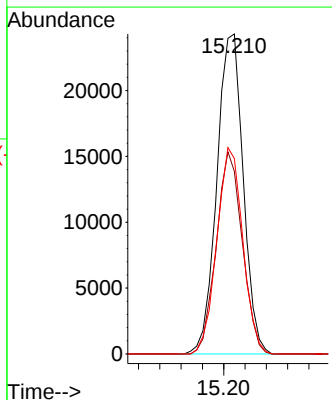
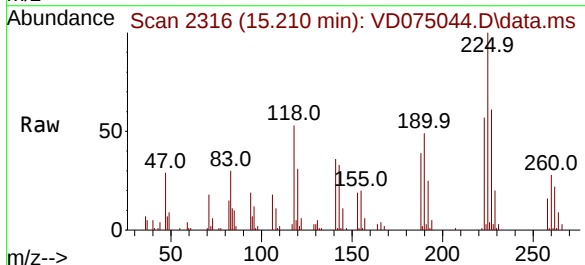
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

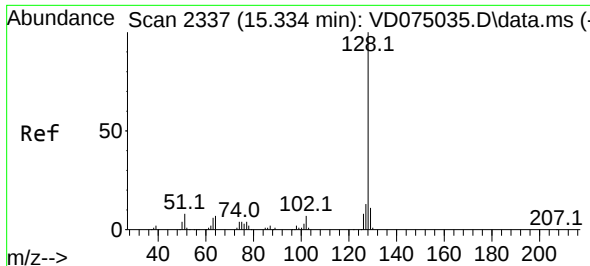
Tgt Ion:180 Resp: 86493
Ion Ratio Lower Upper
180 100
182 94.2 48.5 145.5
145 31.7 14.9 44.5



#94
Hexachlorobutadiene
Concen: 45.730 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:225 Resp: 41683
Ion Ratio Lower Upper
225 100
223 62.1 31.0 93.0
227 63.5 31.0 93.0

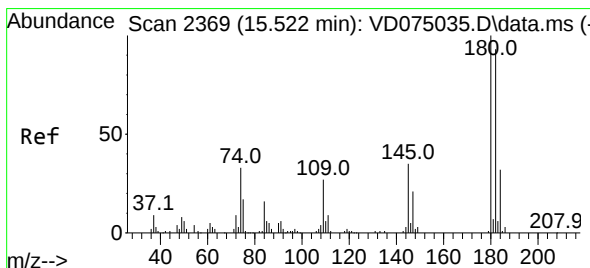
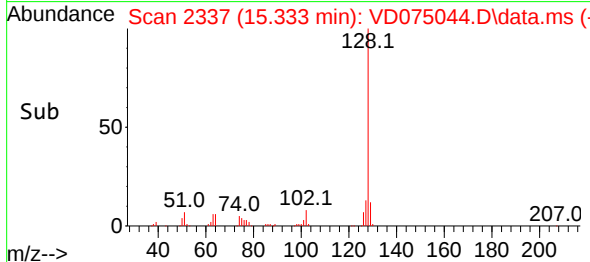
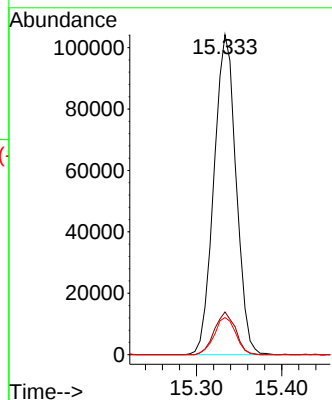
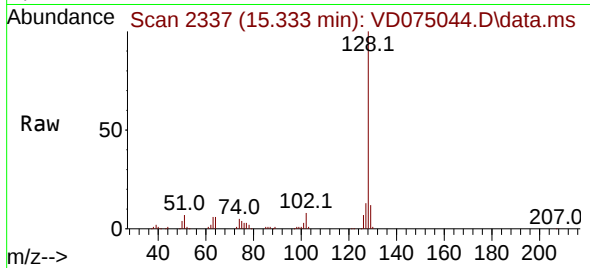




#95
Naphthalene
Concen: 48.638 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 188441
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.610 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075044.D
Acq: 22 Dec 2022 12:20

Tgt Ion:180 Resp: 75051
Ion Ratio Lower Upper
180 100
182 94.3 46.3 138.9
145 34.3 15.3 45.9

