

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075057.D
 Acq On : 27 Dec 2022 17:12
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 01:53:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	124296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	84120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69361	57.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.180%	
35) Dibromofluoromethane	7.805	113	73764	54.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.580%	
50) Toluene-d8	10.269	98	275721	50.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.575	95	92044	52.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31463	52.832	ug/l	96
3) Chloromethane	2.146	50	58645	59.206	ug/l	98
4) Vinyl Chloride	2.281	62	56115	54.438	ug/l	98
5) Bromomethane	2.681	94	25162	57.302	ug/l	98
6) Chloroethane	2.834	64	35172	53.893	ug/l	99
7) Trichlorofluoromethane	3.170	101	82867	52.382	ug/l	99
8) Diethyl Ether	3.593	74	34072	56.168	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	59914	53.755	ug/l	98
10) Methyl Iodide	4.158	142	41012	42.866	ug/l	99
11) Tert butyl alcohol	5.064	59	26777	294.255	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	55248	51.301	ug/l	87
13) Acrolein	3.793	56	34276	234.335	ug/l	97
14) Allyl chloride	4.558	41	99713	53.209	ug/l #	90
15) Acrylonitrile	5.258	53	89813	292.397	ug/l	99
16) Acetone	4.022	43	101888	322.892	ug/l	99
17) Carbon Disulfide	4.270	76	103561	51.507	ug/l	99
18) Methyl Acetate	4.564	43	41327	56.783	ug/l	89
19) Methyl tert-butyl Ether	5.317	73	167162	58.438	ug/l	98
20) Methylene Chloride	4.805	84	80628	58.884	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	61115	51.135	ug/l #	86
22) Diisopropyl ether	6.216	45	223847	55.453	ug/l	93
23) Vinyl Acetate	6.152	43	569660	312.048	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	127489	54.073	ug/l	98
25) 2-Butanone	7.081	43	126992	301.579	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	111055	52.728	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	82412	54.663	ug/l	89
28) Bromochloromethane	7.422	49	44201	54.157	ug/l	82
29) Tetrahydrofuran	7.446	42	68389	281.708	ug/l #	84
30) Chloroform	7.599	83	128650	55.882	ug/l	99
31) Cyclohexane	7.875	56	91030	53.196	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	106369	53.395	ug/l	95
36) 1,1-Dichloropropene	8.010	75	84577	48.633	ug/l	100
37) Ethyl Acetate	7.169	43	48638	55.366	ug/l	94
38) Carbon Tetrachloride	7.993	117	80156	53.304	ug/l	98
39) Methylcyclohexane	9.269	83	102220	48.399	ug/l	93
40) Benzene	8.252	78	270945	51.174	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28565	52.261	ug/l	94
42) 1,2-Dichloroethane	8.328	62	73655	54.526	ug/l	99
43) Isopropyl Acetate	8.358	43	96826	54.788	ug/l #	90
44) Trichloroethene	9.028	130	74197	50.879	ug/l	99
45) 1,2-Dichloropropane	9.305	63	74770	52.724	ug/l	95
46) Dibromomethane	9.393	93	38384	54.422	ug/l	99
47) Bromodichloromethane	9.587	83	98303	53.519	ug/l	99
48) Methyl methacrylate	9.381	41	42509	52.954	ug/l	86
49) 1,4-Dioxane	9.381	88	10187	1146.099	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	248286	284.397	ug/l	92
52) Toluene	10.334	92	166603	49.414	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	99188	55.503	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	115176	53.482	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	56257	54.471	ug/l	97
56) Ethyl methacrylate	10.599	69	74757	54.989	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	94457	54.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	153921	275.832	ug/l	95
59) 2-Hexanone	10.922	43	185384	292.008	ug/l	91
60) Dibromochloromethane	11.075	129	66961	56.593	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50384	54.416	ug/l	98
64) Tetrachloroethene	10.810	164	58113	49.929	ug/l	97
65) Chlorobenzene	11.610	112	188965	52.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	66776	53.098	ug/l	99
67) Ethyl Benzene	11.687	91	330664	49.749	ug/l	100
68) m/p-Xylenes	11.793	106	250329	99.335	ug/l	100
69) o-Xylene	12.122	106	121898	50.285	ug/l	99
70) Styrene	12.140	104	206941	50.776	ug/l	97
71) Bromoform	12.299	173	37602	55.108	ug/l #	99
73) Isopropylbenzene	12.422	105	323046	50.090	ug/l	99
74) N-amyl acetate	12.234	43	87170	53.250	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	62282	54.157	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	77584	89.950	ug/l #	100
77) Bromobenzene	12.704	156	72968	53.003	ug/l	95
78) n-propylbenzene	12.763	91	389991	49.369	ug/l	100
79) 2-Chlorotoluene	12.851	91	217670	50.437	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	260809	50.145	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19210	51.618	ug/l	91
82) 4-Chlorotoluene	12.951	91	223625	50.785	ug/l	97
83) tert-Butylbenzene	13.169	119	231505	50.280	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	252697	49.951	ug/l	100
85) sec-Butylbenzene	13.345	105	345764	48.912	ug/l	100
86) p-Isopropyltoluene	13.463	119	278086	49.311	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	138452	51.473	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	141711	52.743	ug/l	99
89) n-Butylbenzene	13.787	91	276801	49.144	ug/l	99
90) Hexachloroethane	14.057	117	49822	49.716	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	126303	53.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9475	53.616	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	84670	54.218	ug/l	98
94) Hexachlorobutadiene	15.204	225	38137	48.851	ug/l	94
95) Naphthalene	15.334	128	184872	56.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	74156	55.329	ug/l	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

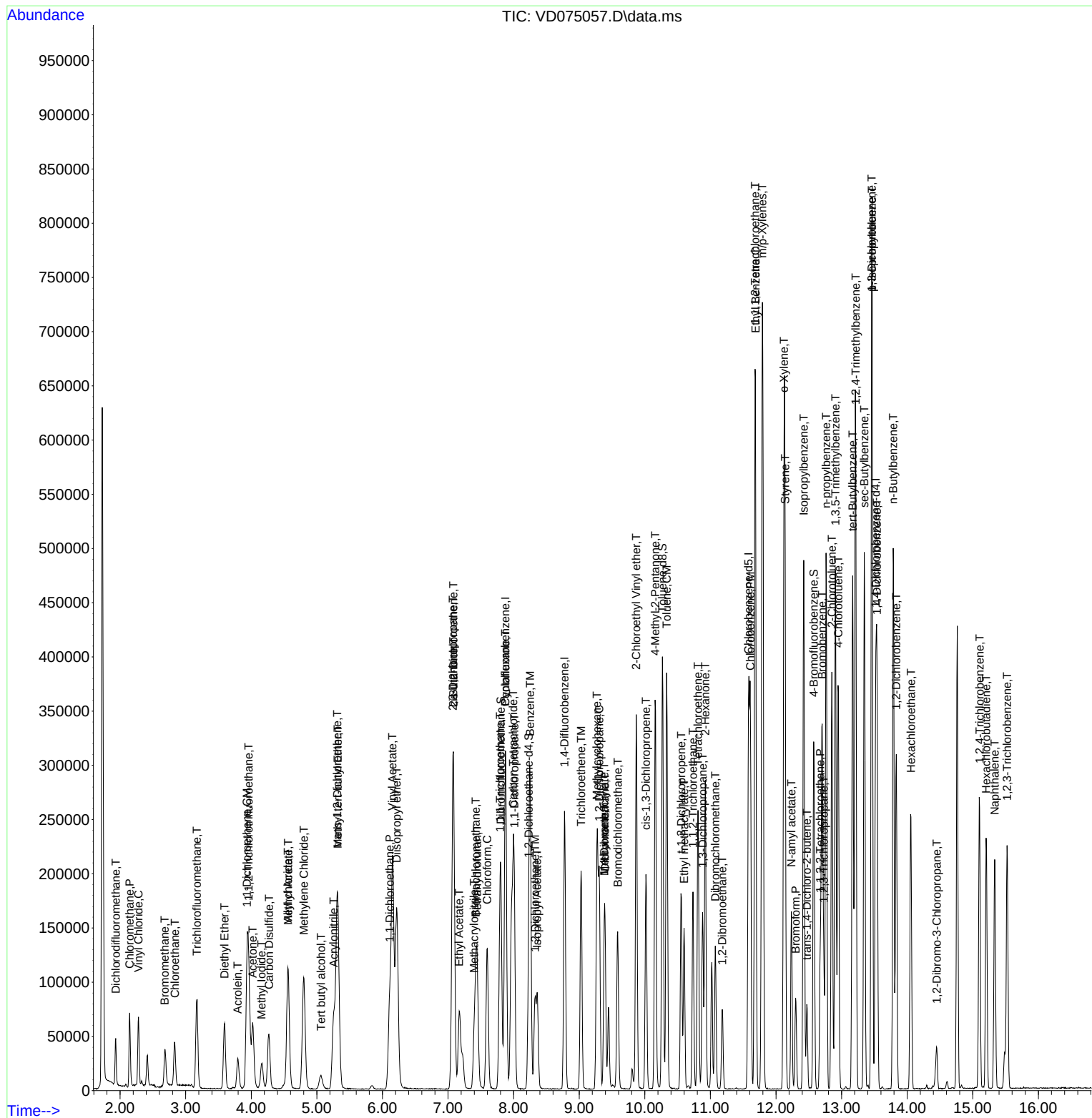
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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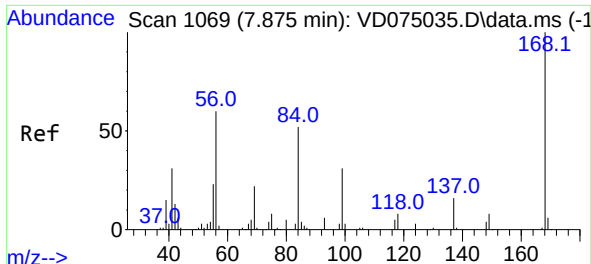
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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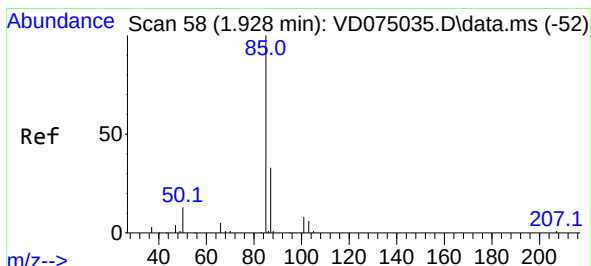
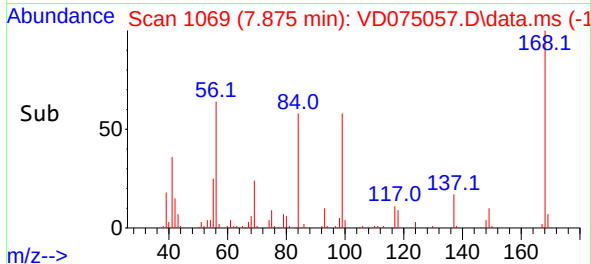
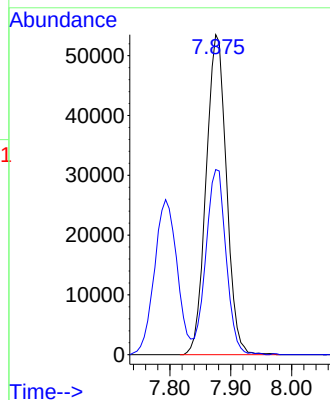
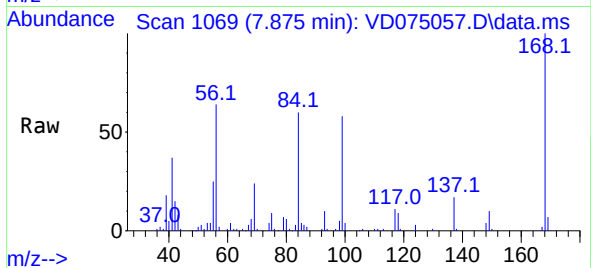




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075057.D
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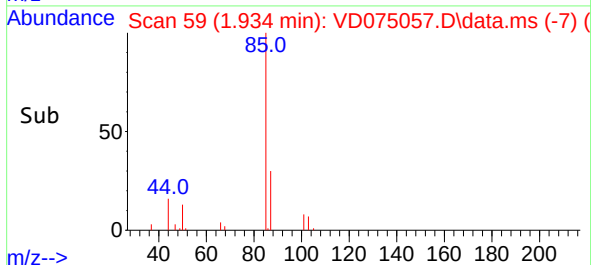
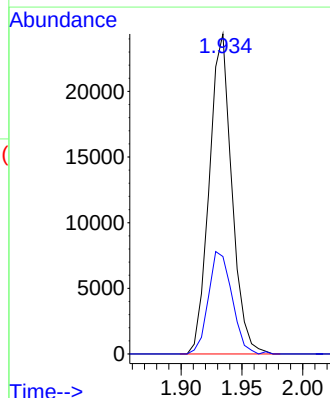
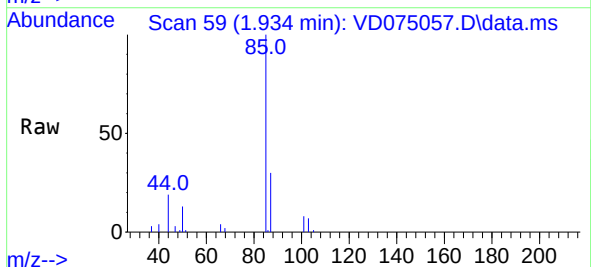
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

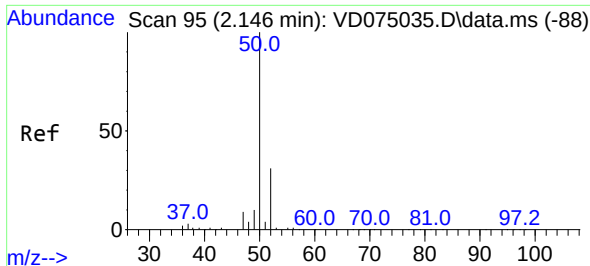
Tgt Ion:168 Resp: 124296
Ion Ratio Lower Upper
168 100
99 57.8 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 52.832 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 85 Resp: 31463
Ion Ratio Lower Upper
85 100
87 30.5 16.5 49.5

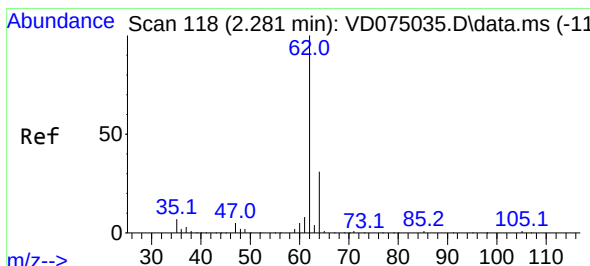
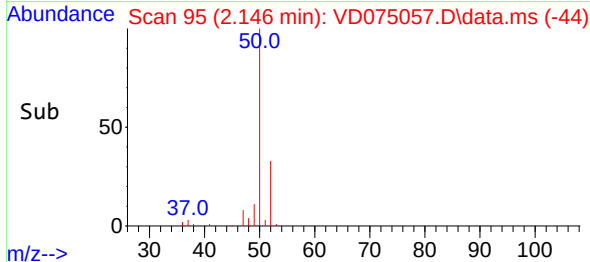
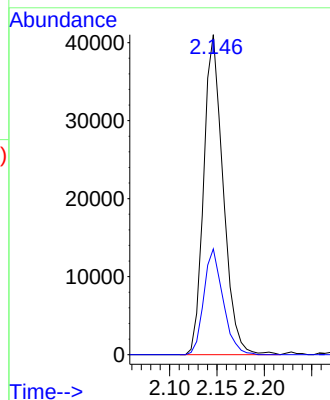
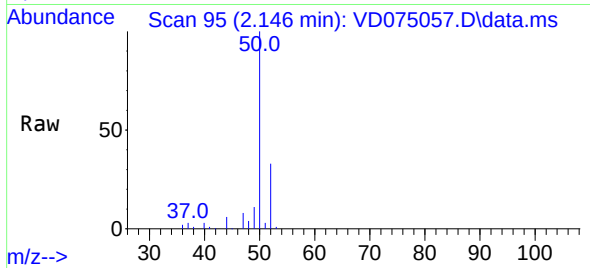




#3
Chloromethane
Concen: 59.206 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

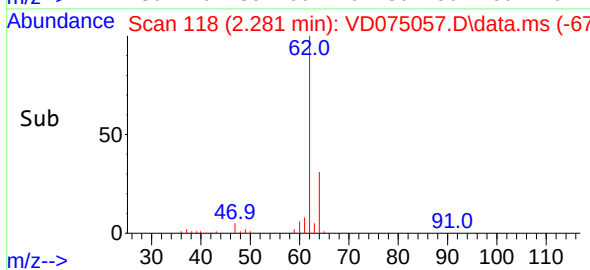
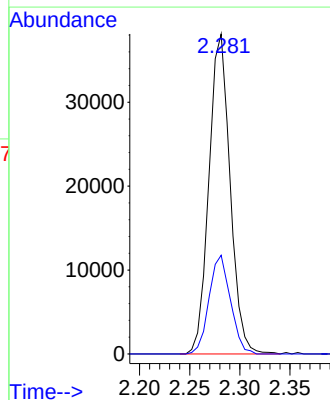
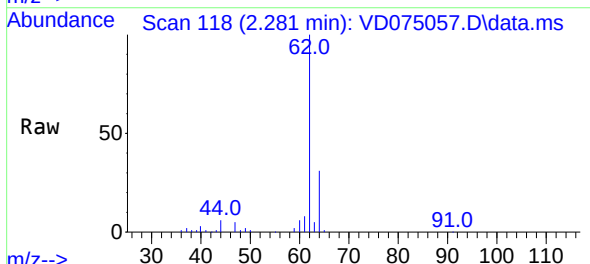
Instrument :
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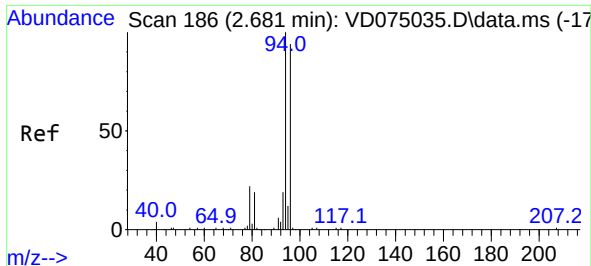
Tgt Ion: 50 Resp: 58645
Ion Ratio Lower Upper
50 100
52 33.1 27.2 40.8



#4
Vinyl Chloride
Concen: 54.438 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 62 Resp: 56115
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6

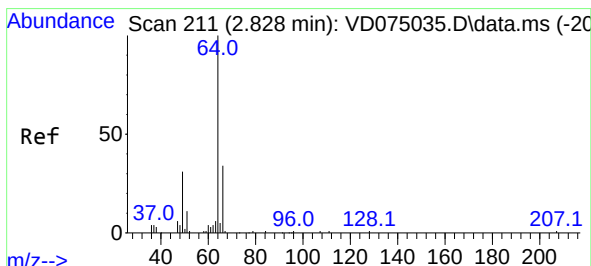
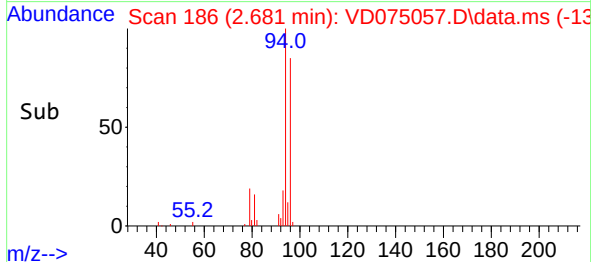
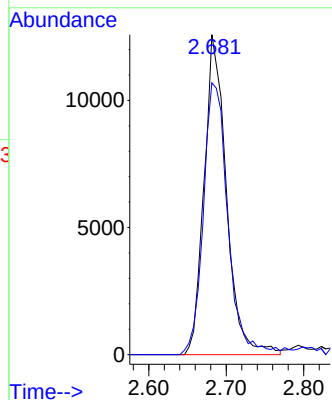
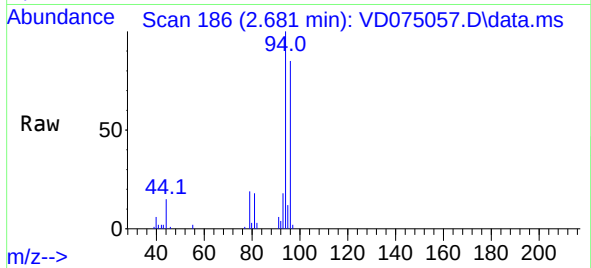




#5
Bromomethane
Concen: 57.302 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

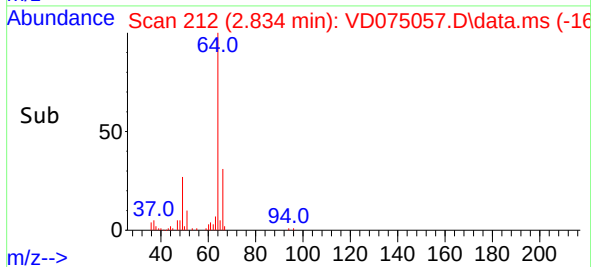
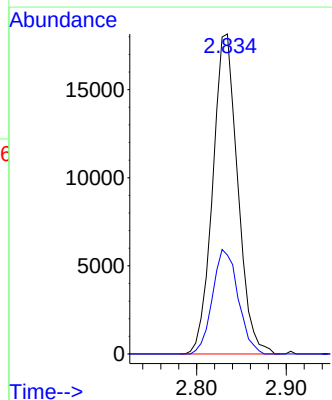
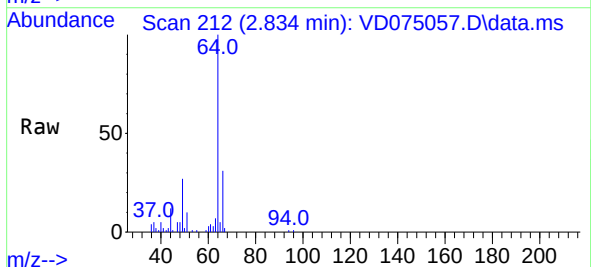
Instrument :
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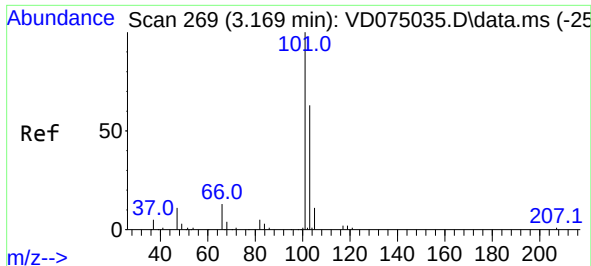
Tgt Ion: 94 Resp: 25162
Ion Ratio Lower Upper
94 100
96 92.5 75.2 112.8



#6
Chloroethane
Concen: 53.893 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 64 Resp: 35172
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7

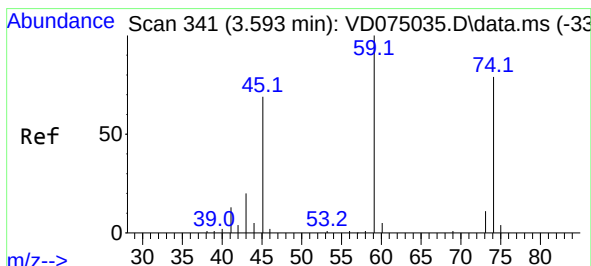
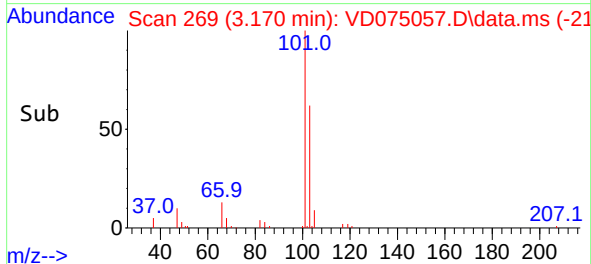
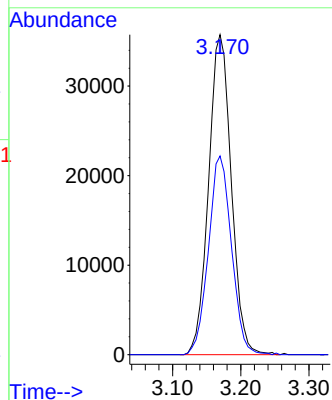
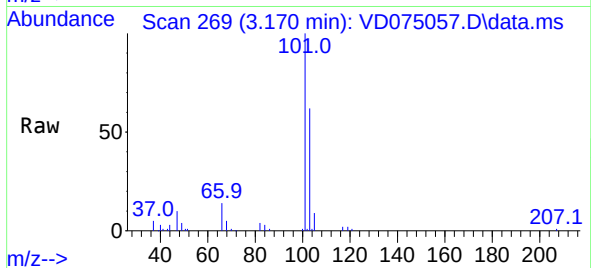




#7
Trichlorofluoromethane
Concen: 52.382 ug/l
RT: 3.170 min Scan# 207
Delta R.T. 0.001 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

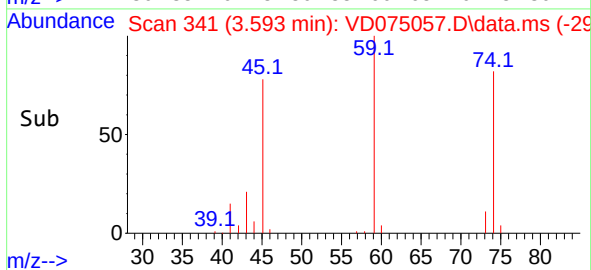
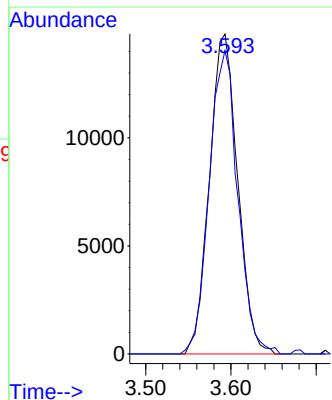
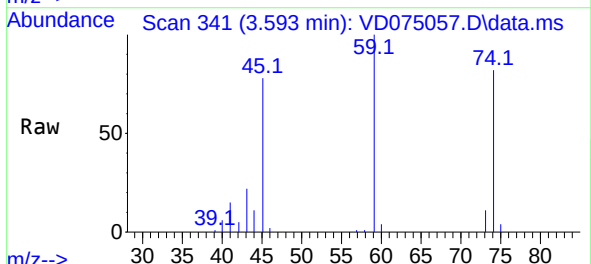
Instrument :
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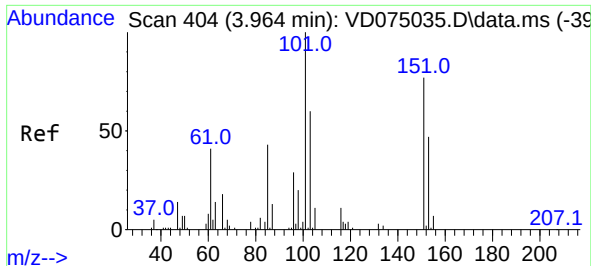
Tgt Ion:101 Resp: 82867
Ion Ratio Lower Upper
101 100
103 62.1 49.1 73.7



#8
Diethyl Ether
Concen: 56.168 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 74 Resp: 34072
Ion Ratio Lower Upper
74 100
45 96.1 40.2 120.5

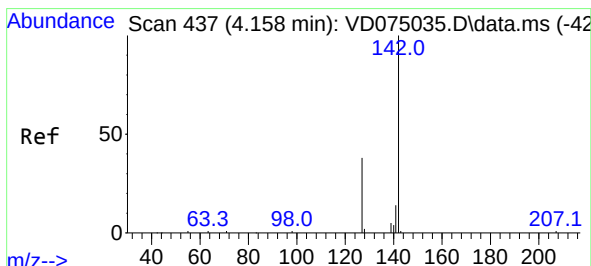
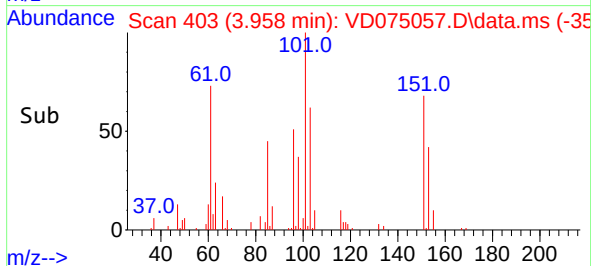
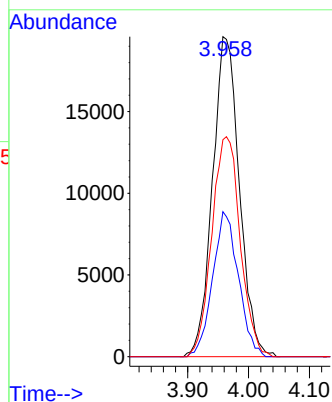
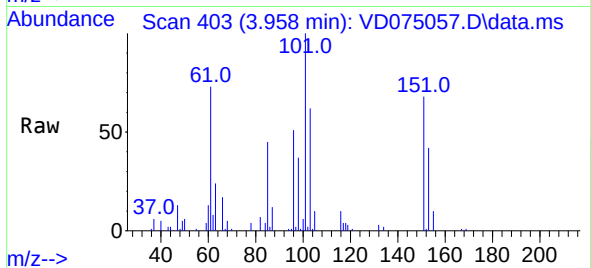




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.755 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

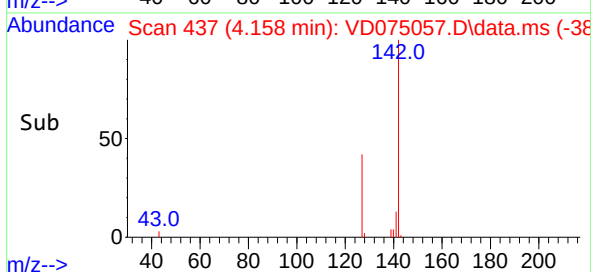
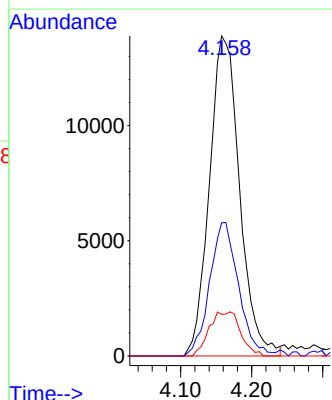
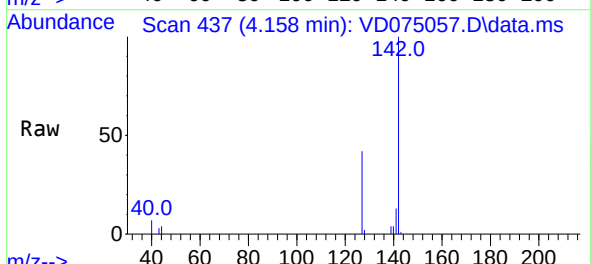
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

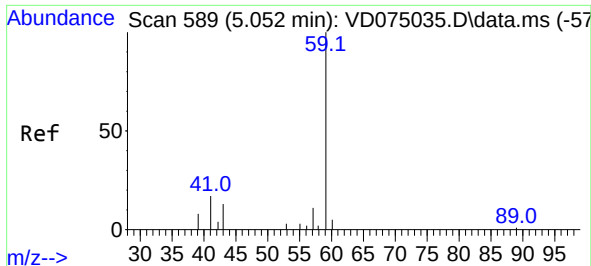
Tgt Ion:101	Resp:	59914
Ion	Ratio	Lower Upper
101	100	
85	43.4	33.4 50.0
151	72.9	58.9 88.3



#10
Methyl Iodide
Concen: 42.866 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:142	Resp:	41012
Ion	Ratio	Lower Upper
142	100	
127	39.9	31.4 47.2
141	14.3	11.4 17.2





#11

Tert butyl alcohol

Concen: 294.255 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.012 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

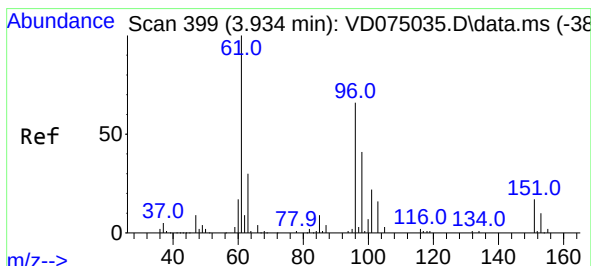
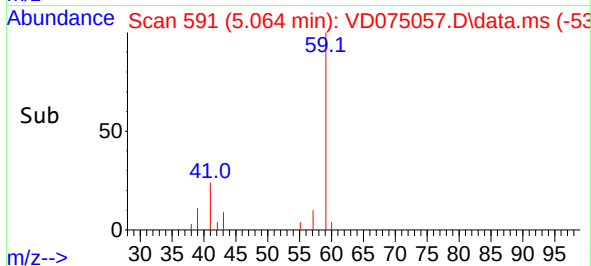
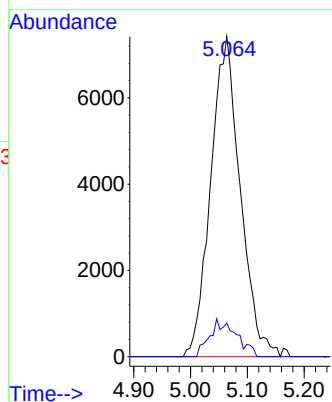
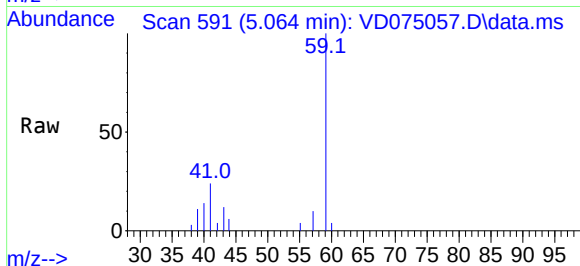
VSTDCCC050EC

Tgt Ion: 59 Resp: 26777

Ion Ratio Lower Upper

59 100

57 10.5 4.3 6.5#



#12

1,1-Dichloroethene

Concen: 51.301 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

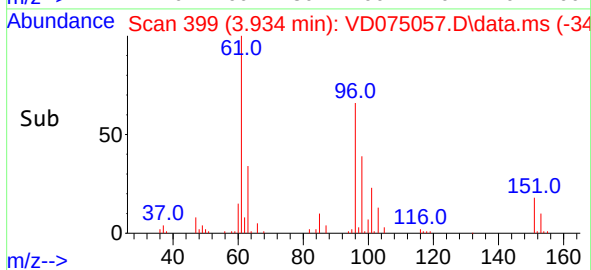
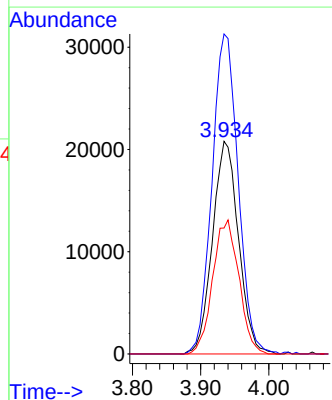
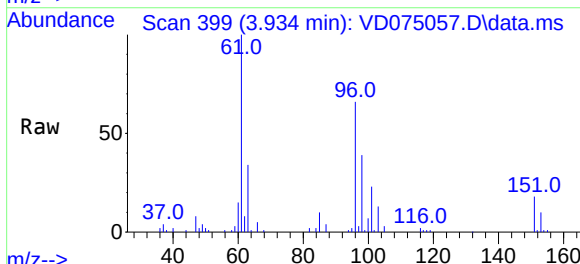
Tgt Ion: 96 Resp: 55248

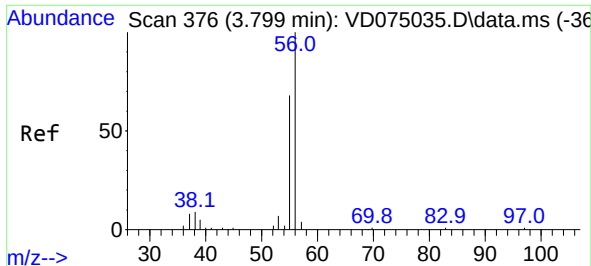
Ion Ratio Lower Upper

96 100

61 150.5 104.9 157.3

98 59.2 51.8 77.8

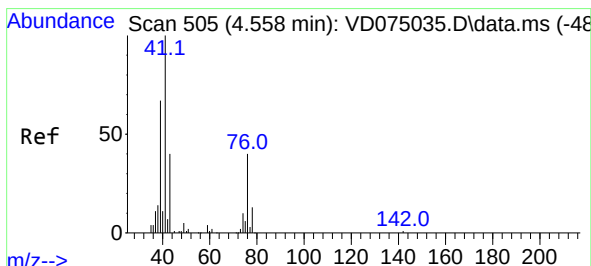
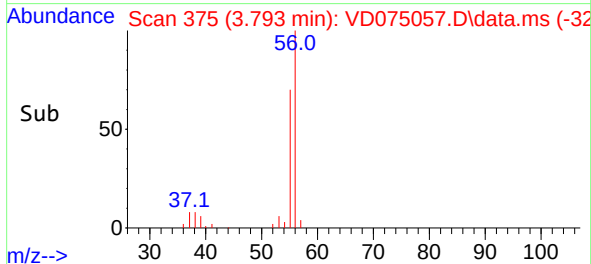
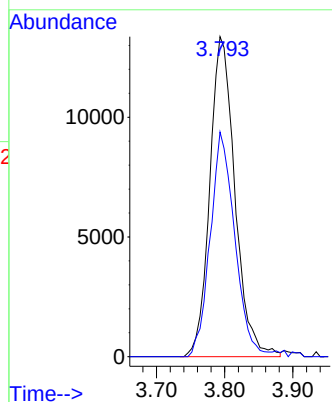
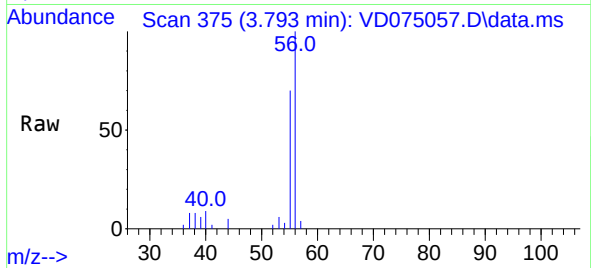




#13
Acrolein
Concen: 234.335 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

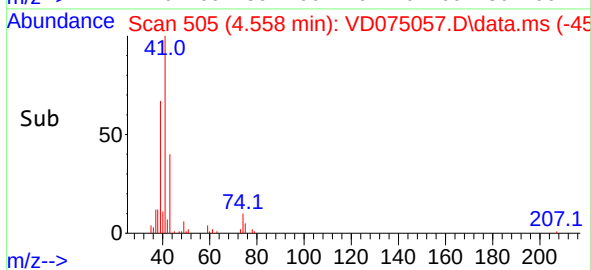
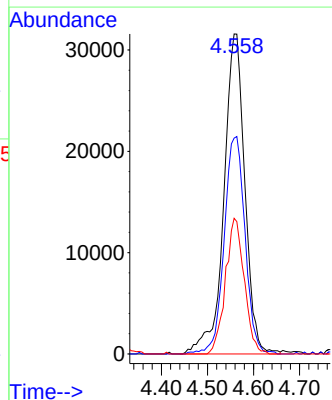
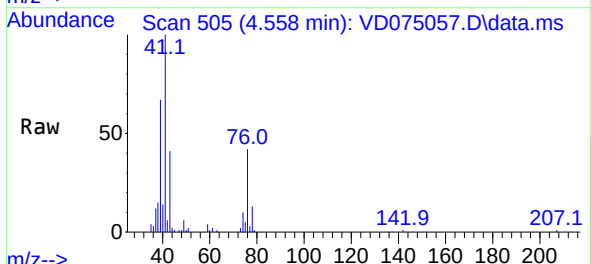
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

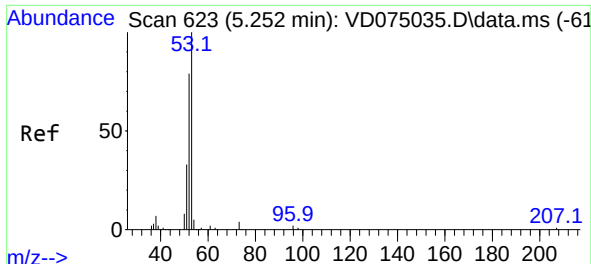
Tgt Ion: 56 Resp: 34276
Ion Ratio Lower Upper
56 100
55 68.5 56.6 84.8



#14
Allyl chloride
Concen: 53.209 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 41 Resp: 99713
Ion Ratio Lower Upper
41 100
39 67.8 52.5 78.7
76 38.0 41.1 61.7#





#15

Acrylonitrile

Concen: 292.397 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

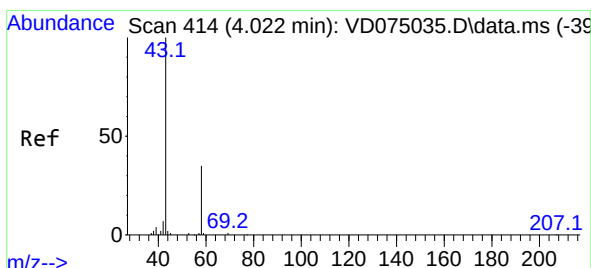
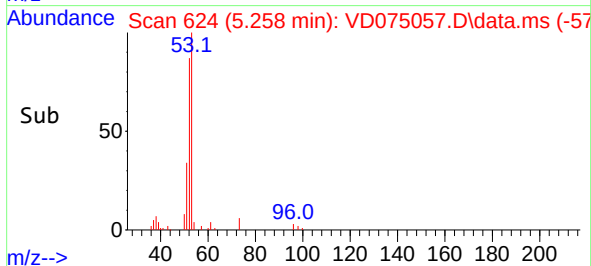
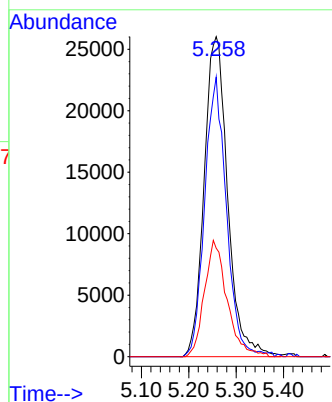
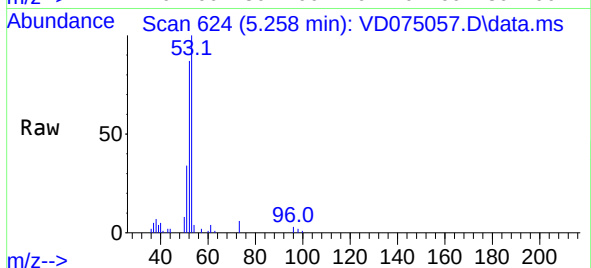
Tgt Ion: 53 Resp: 89813

Ion Ratio Lower Upper

53 100

52 80.8 64.0 96.0

51 35.0 27.8 41.8



#16

Acetone

Concen: 322.892 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075057.D

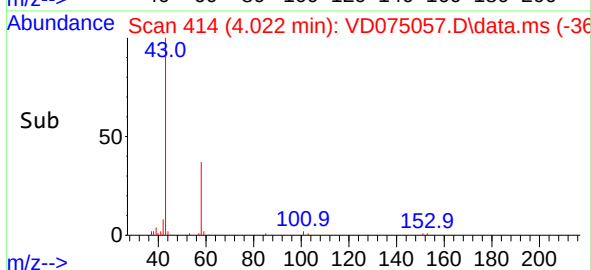
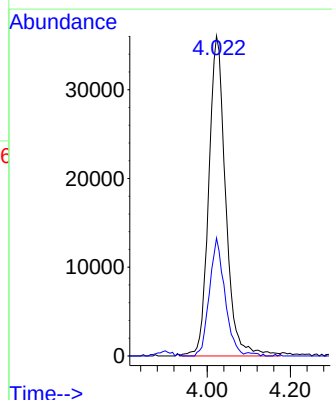
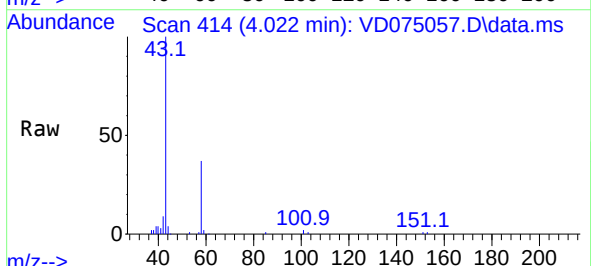
Acq: 27 Dec 2022 17:12

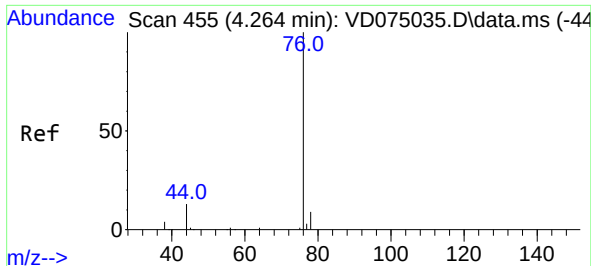
Tgt Ion: 43 Resp: 101888

Ion Ratio Lower Upper

43 100

58 36.4 28.6 43.0

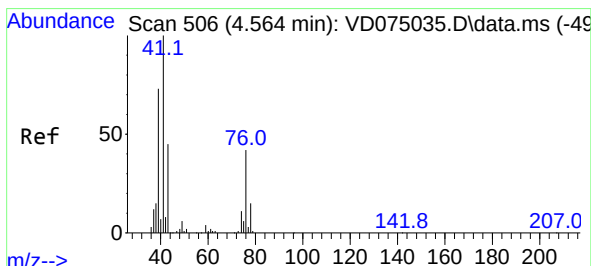
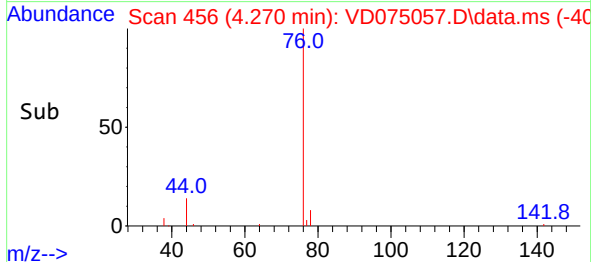
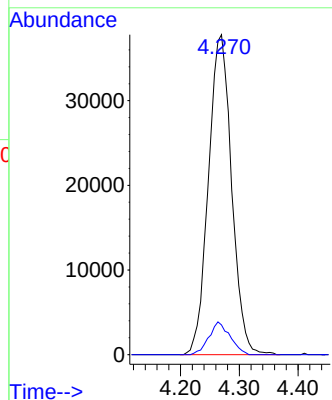
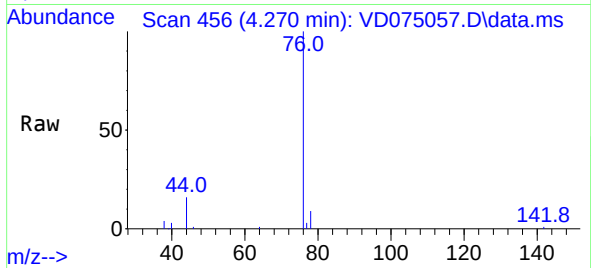




#17
Carbon Disulfide
Concen: 51.507 ug/l
RT: 4.270 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

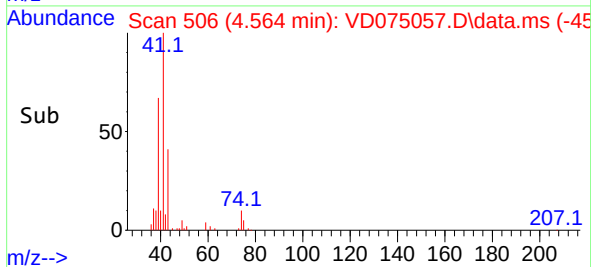
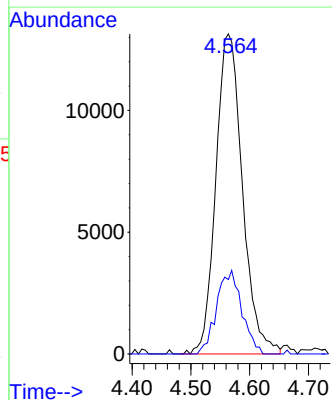
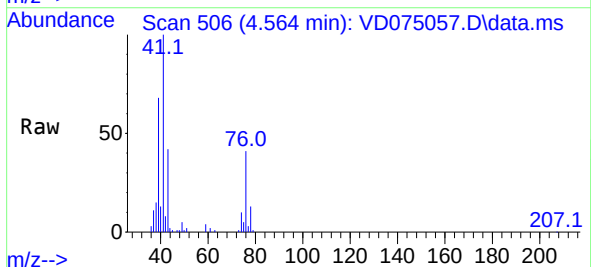
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

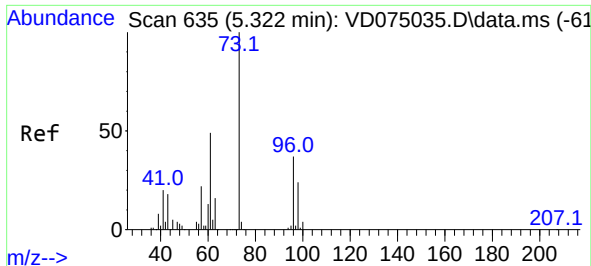
Tgt Ion: 76 Resp: 103561
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 56.783 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 43 Resp: 41327
Ion Ratio Lower Upper
43 100
74 24.7 24.5 36.7

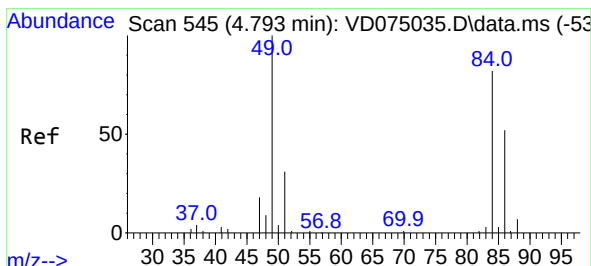
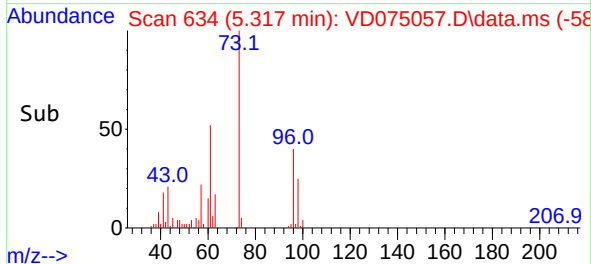
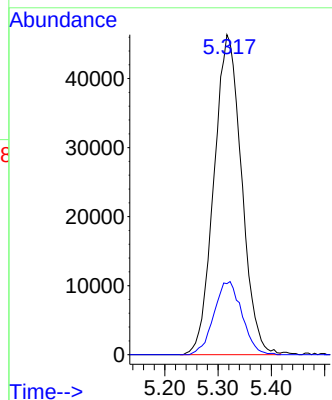
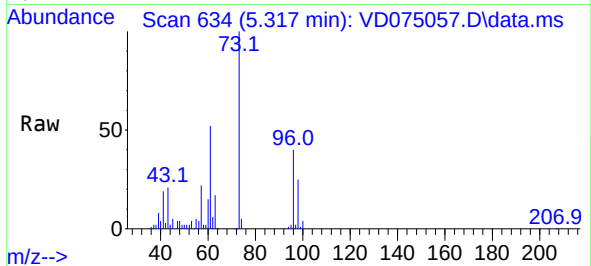




#19
Methyl tert-butyl Ether
Concen: 58.438 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

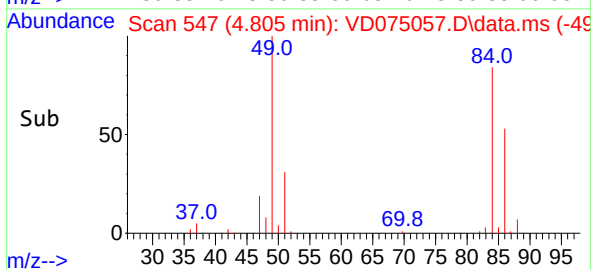
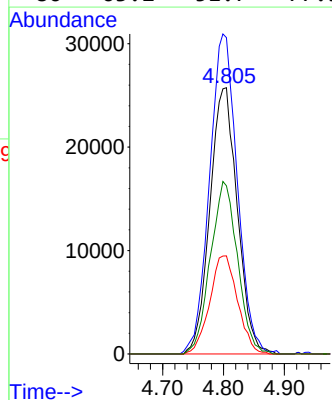
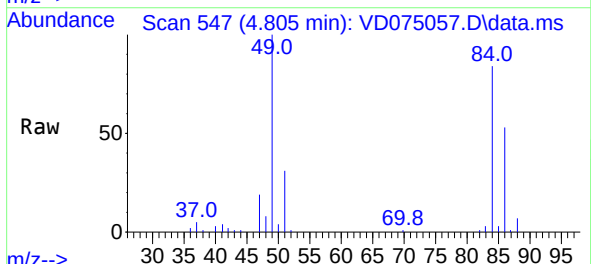
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

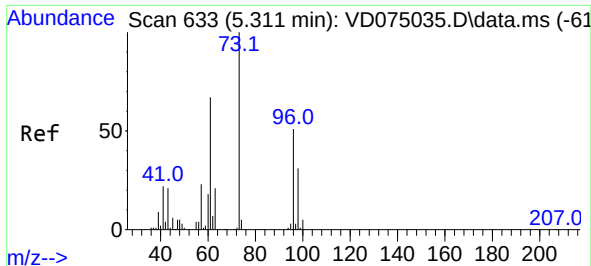
Tgt Ion: 73 Resp: 167162
Ion Ratio Lower Upper
73 100
57 22.2 16.9 25.3



#20
Methylene Chloride
Concen: 58.884 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 84 Resp: 80628
Ion Ratio Lower Upper
84 100
49 118.8 77.2 115.8#
51 36.8 24.1 36.1#
86 63.2 51.7 77.5

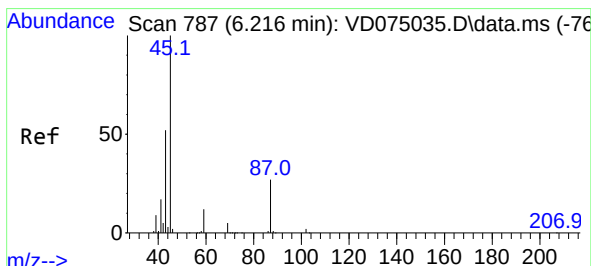
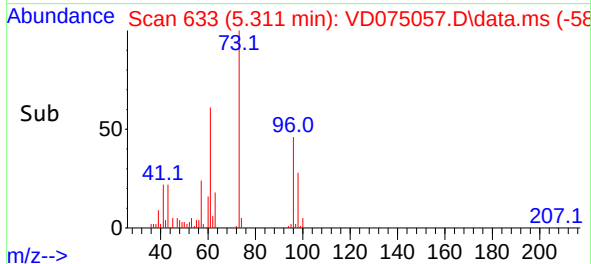
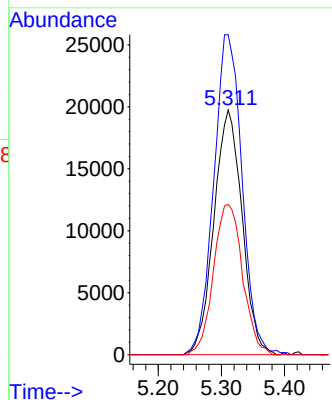
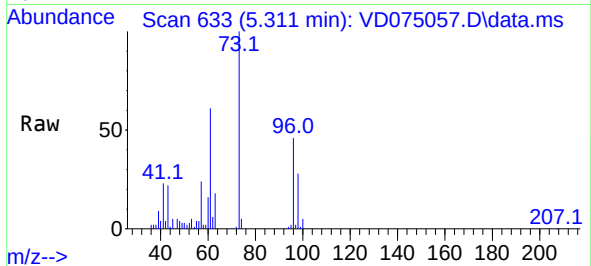




#21
trans-1,2-Dichloroethene
Concen: 51.135 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

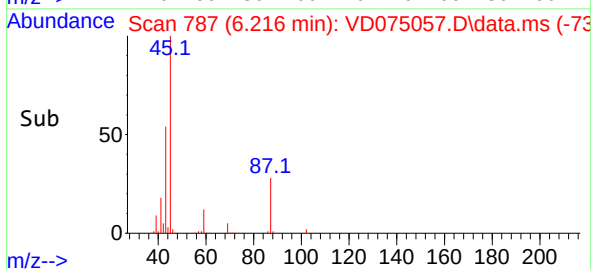
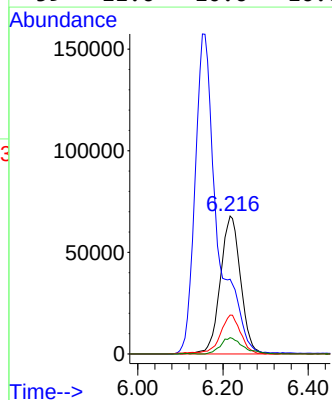
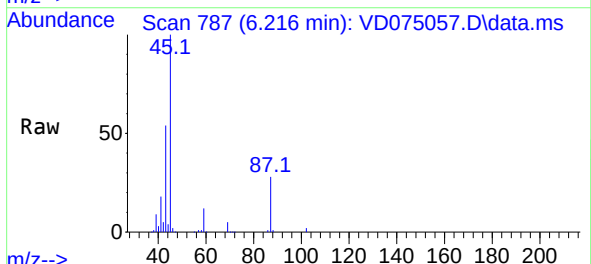
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

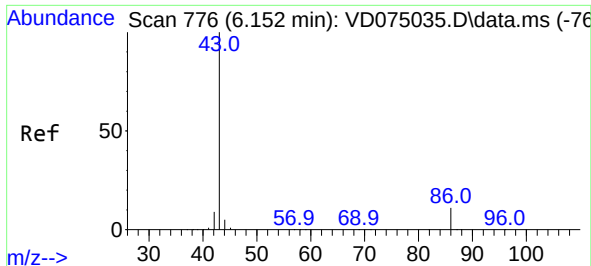
Tgt Ion: 96 Resp: 61115
Ion Ratio Lower Upper
96 100
61 130.7 86.7 130.1#
98 61.4 49.8 74.8



#22
Diisopropyl ether
Concen: 55.453 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 45 Resp: 223847
Ion Ratio Lower Upper
45 100
43 53.6 39.8 59.8
87 28.2 27.5 41.3
59 11.6 10.6 16.0

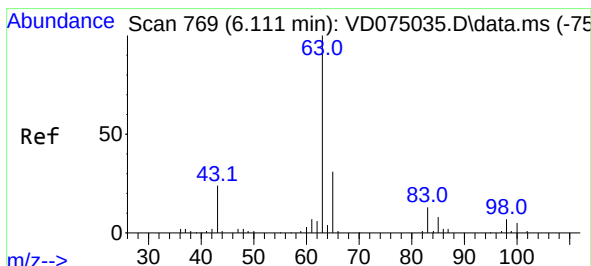
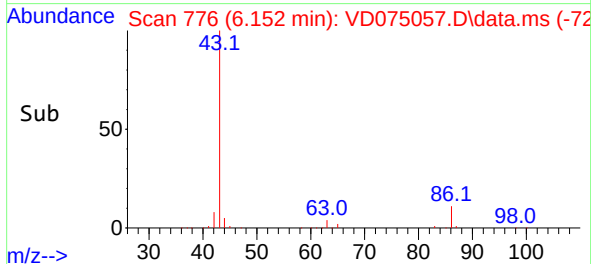
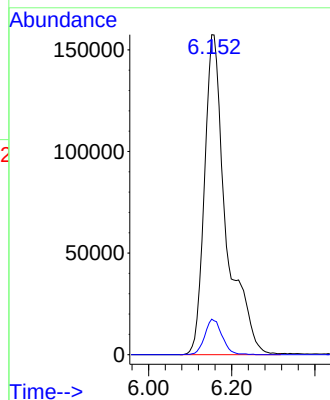
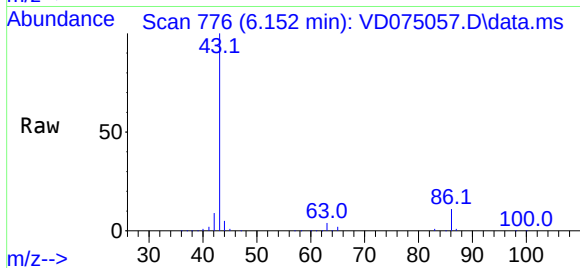




#23
 Vinyl Acetate
 Concen: 312.048 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075057.D
 Acq: 27 Dec 2022 17:12

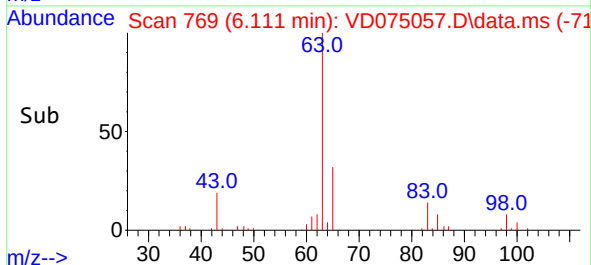
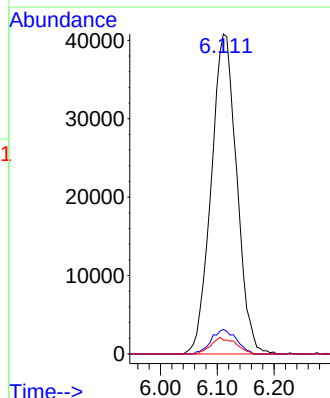
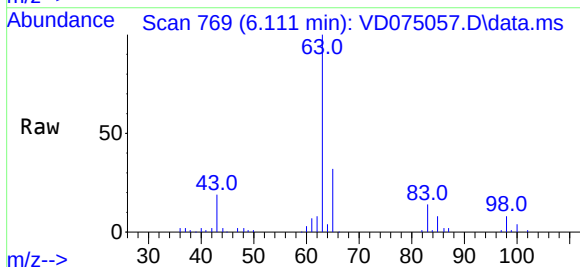
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

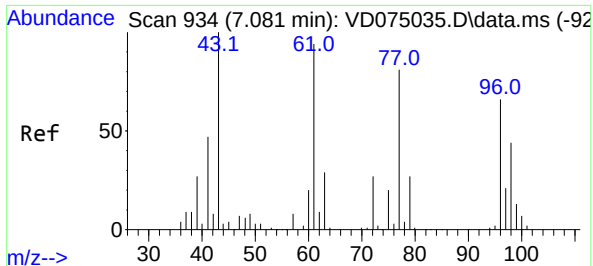
Tgt Ion: 43 Resp: 569660
 Ion Ratio Lower Upper
 43 100
 86 11.1 11.4 17.0#



#24
 1,1-Dichloroethane
 Concen: 54.073 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075057.D
 Acq: 27 Dec 2022 17:12

Tgt Ion: 63 Resp: 127489
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 13.1
 100 4.3 2.5 7.4

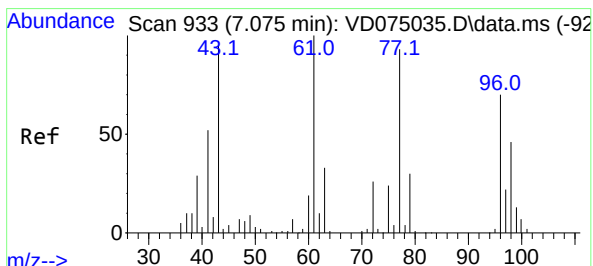
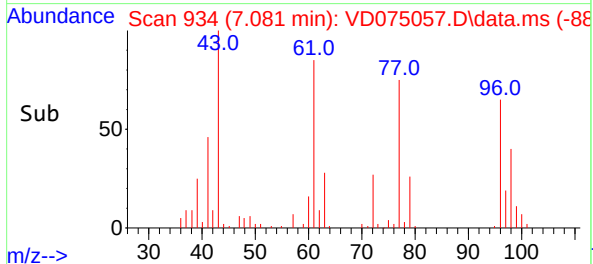
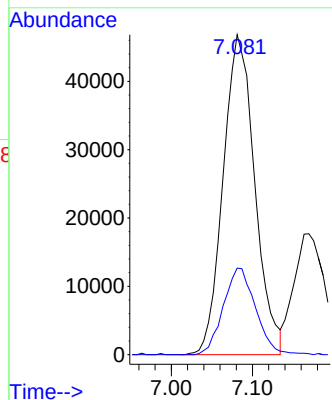
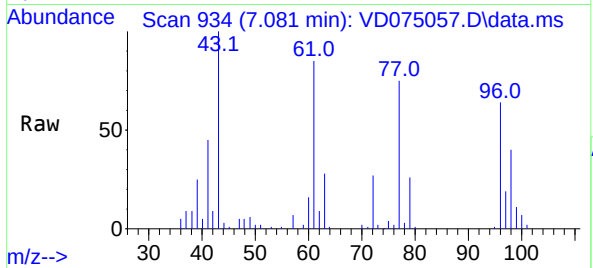




#25
2-Butanone
Concen: 301.579 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

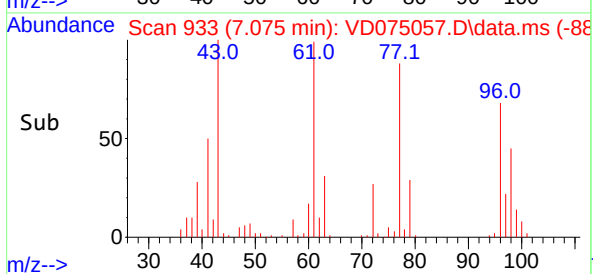
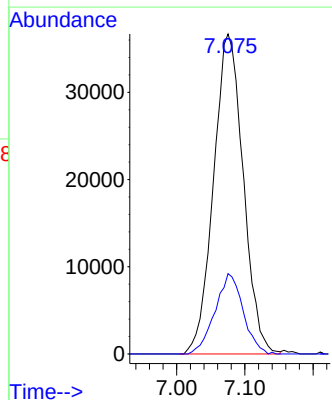
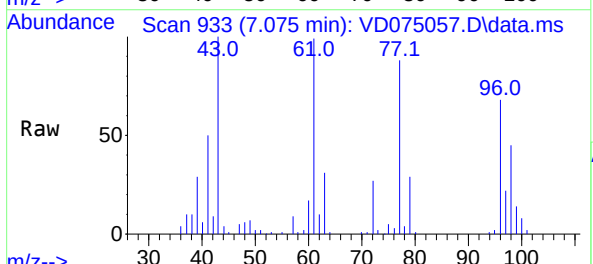
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

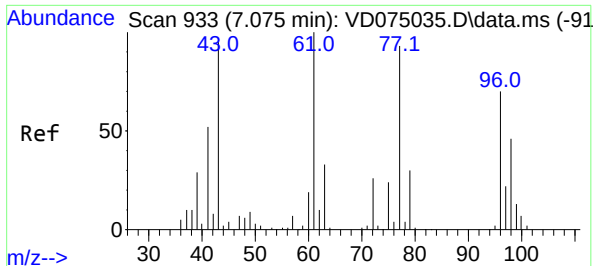
Tgt Ion: 43 Resp: 126992
Ion Ratio Lower Upper
43 100
72 27.1 28.4 42.6#



#26
2,2-Dichloropropane
Concen: 52.728 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 77 Resp: 111055
Ion Ratio Lower Upper
77 100
97 23.7 12.6 37.6

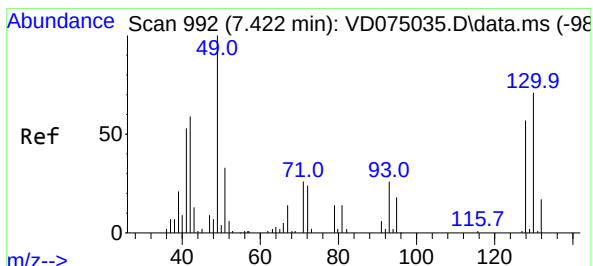
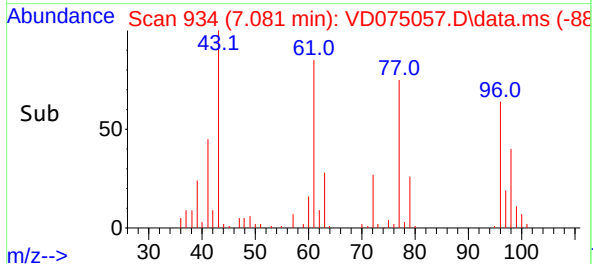
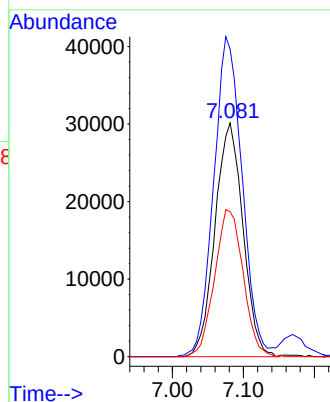
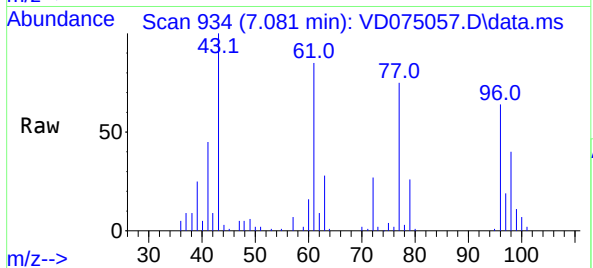




#27
cis-1,2-Dichloroethene
Concen: 54.663 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

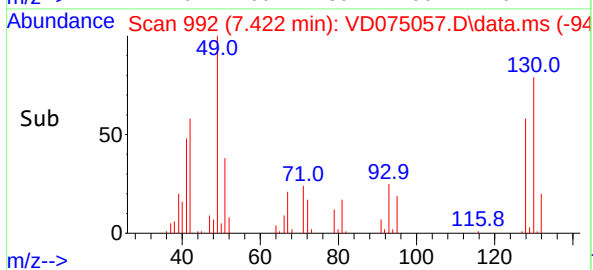
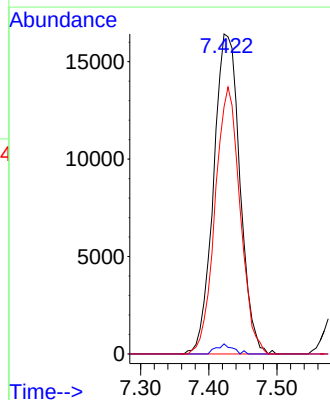
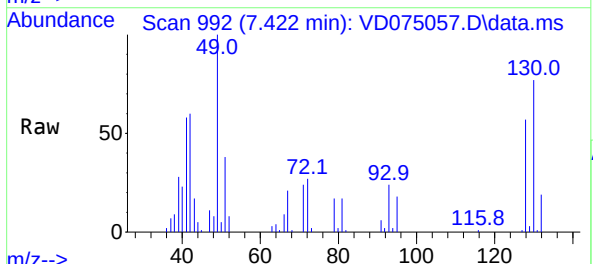
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

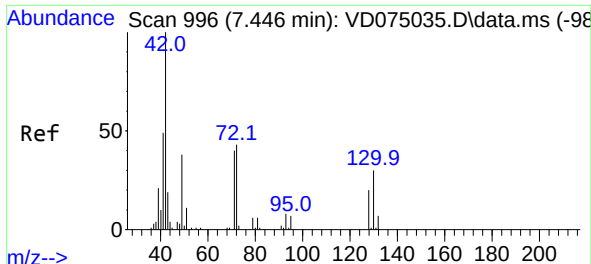
Tgt Ion: 96 Resp: 82412
Ion Ratio Lower Upper
96 100
61 139.8 0.0 244.6
98 64.2 0.0 131.0



#28
Bromochloromethane
Concen: 54.157 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 49 Resp: 44201
Ion Ratio Lower Upper
49 100
129 1.9 0.0 5.0
130 79.2 78.2 117.4

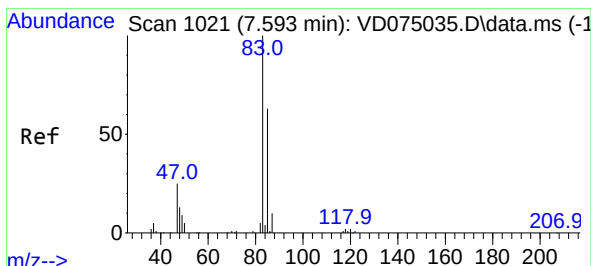
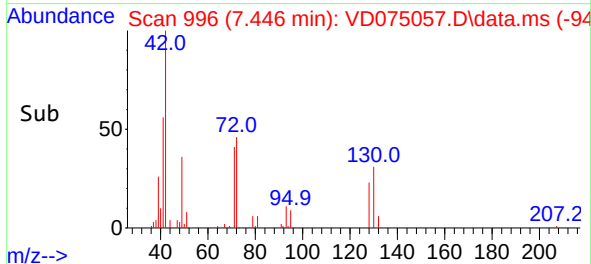
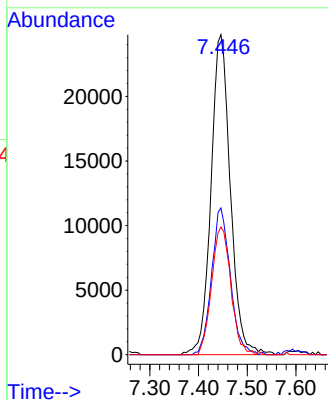
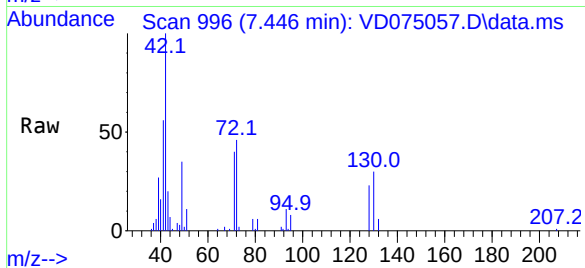




#29
Tetrahydrofuran
Concen: 281.708 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

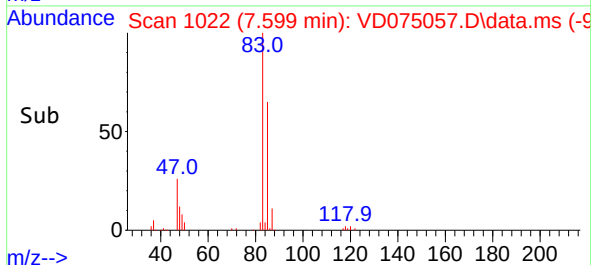
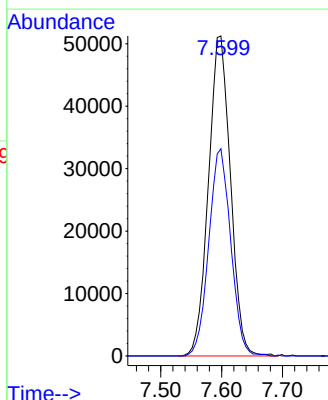
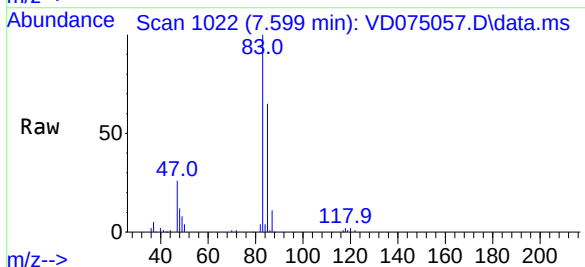
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

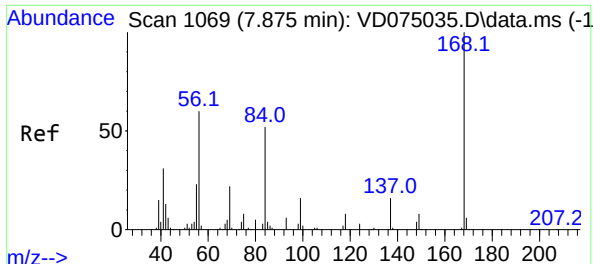
Tgt Ion: 42 Resp: 68389
Ion Ratio Lower Upper
42 100
72 44.2 43.8 65.8
71 39.5 41.1 61.7#



#30
Chloroform
Concen: 55.882 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 83 Resp: 128650
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0





#31

Cyclohexane

Concen: 53.196 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

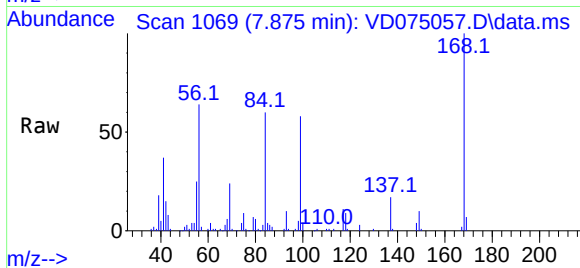
Tgt Ion: 56 Resp: 91030

Ion Ratio Lower Upper

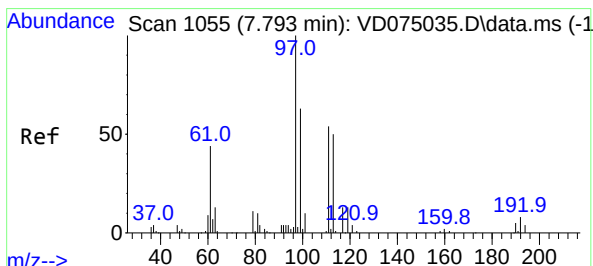
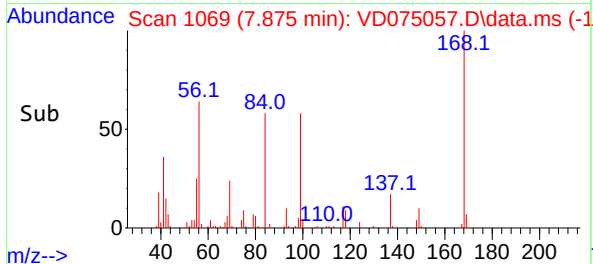
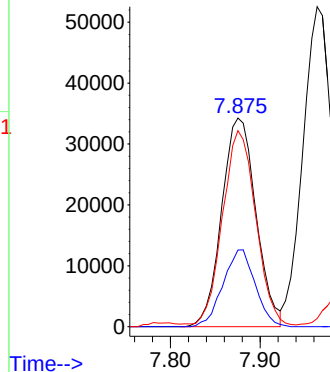
56 100

69 36.7 29.4 44.2

84 92.7 81.8 122.8



Abundance



#32

1,1,1-Trichloroethane

Concen: 53.395 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

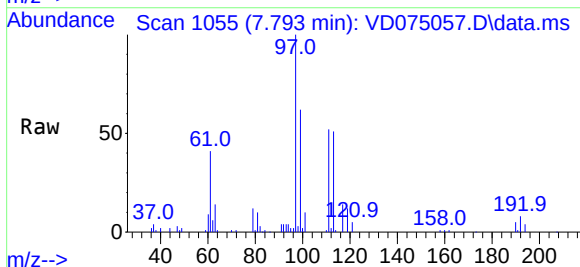
Tgt Ion: 97 Resp: 106369

Ion Ratio Lower Upper

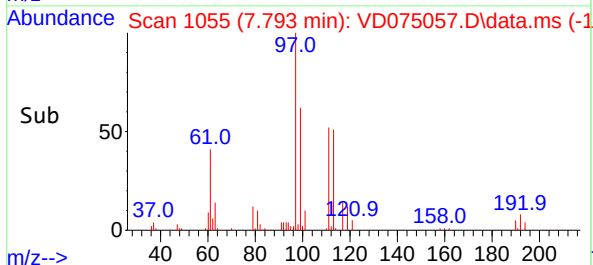
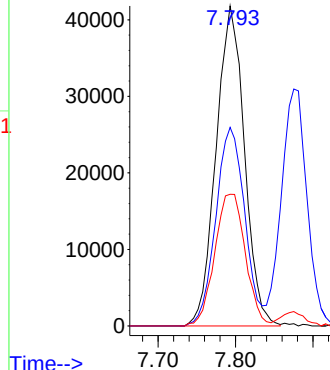
97 100

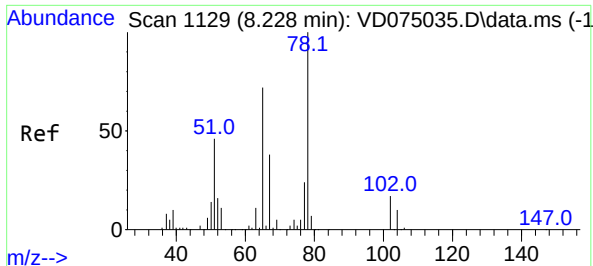
99 63.2 51.6 77.4

61 44.5 30.3 45.5



Abundance

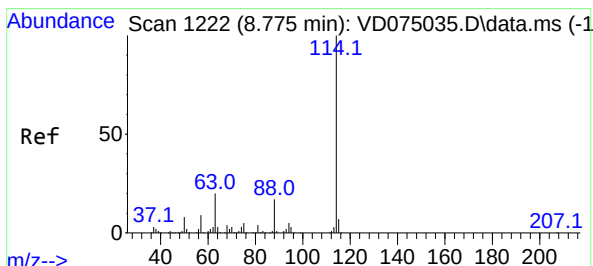
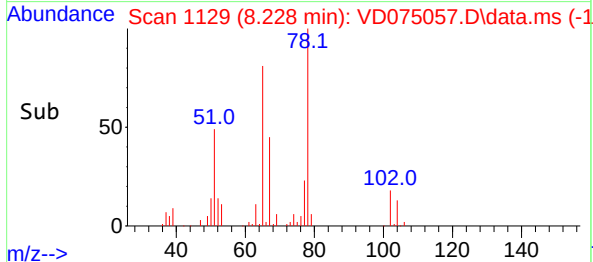
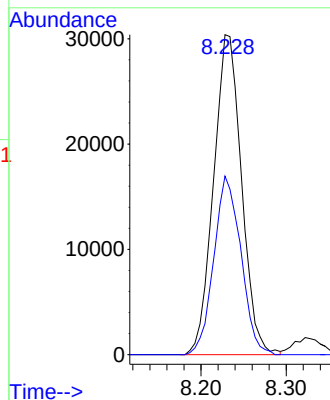
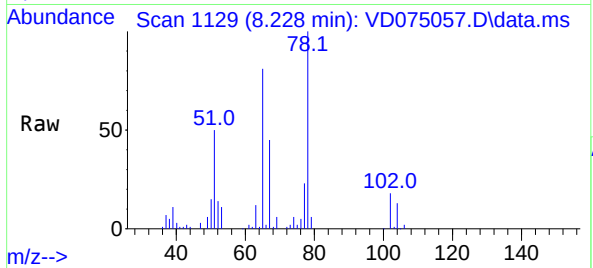




#33
1,2-Dichloroethane-d4
Concen: 57.089 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

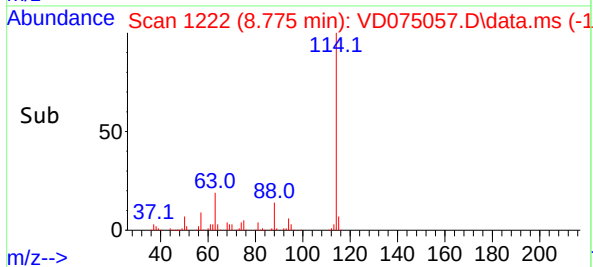
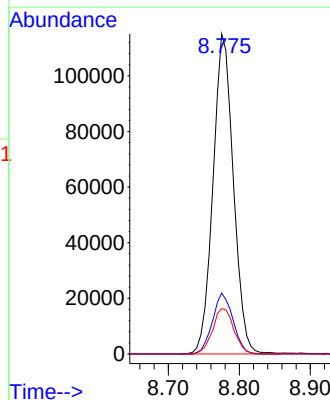
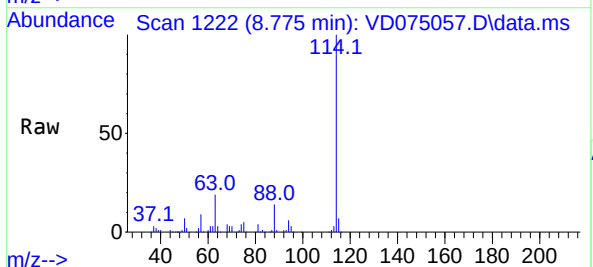
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

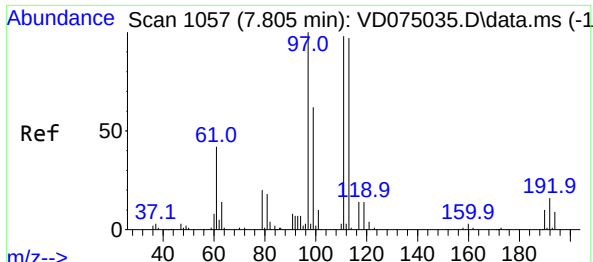
Tgt Ion: 65 Resp: 69361
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

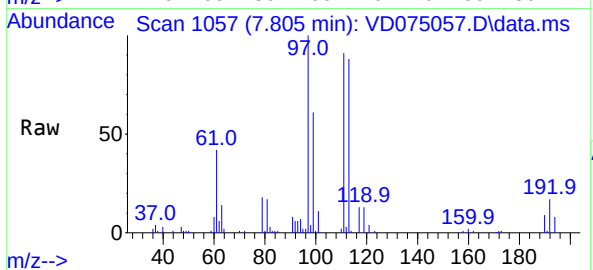
Tgt Ion: 114 Resp: 228803
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.8
88 14.2 0.0 27.8



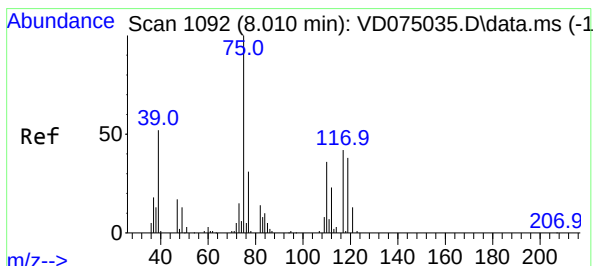
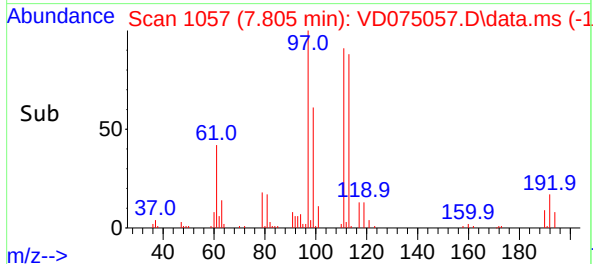
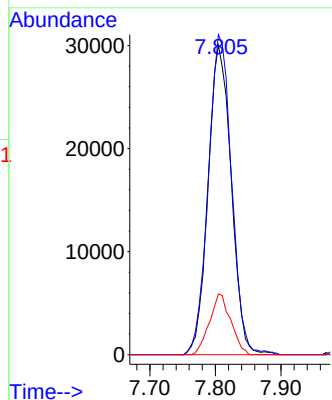


#35
Dibromofluoromethane
Concen: 54.787 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

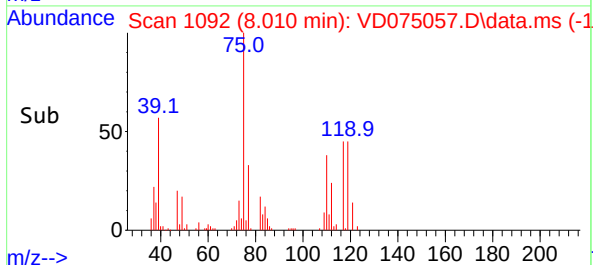
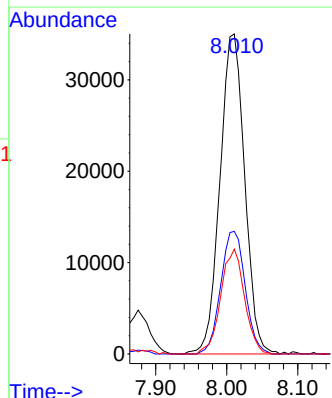
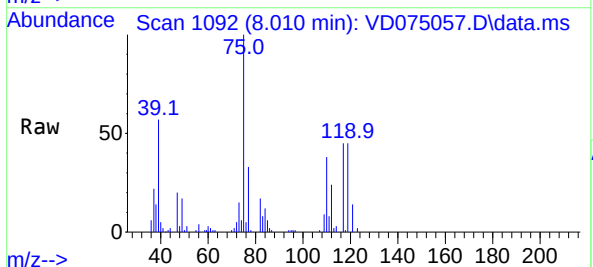


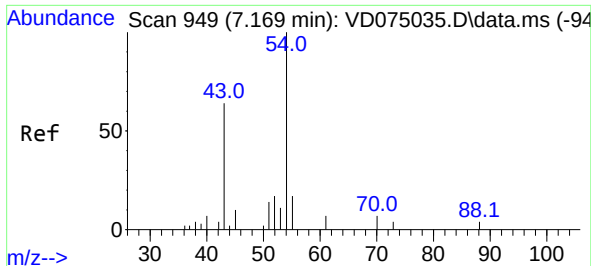
Tgt Ion:113 Resp: 73764
Ion Ratio Lower Upper
113 100
111 103.9 82.1 123.1
192 18.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 48.633 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 75 Resp: 84577
Ion Ratio Lower Upper
75 100
110 38.0 19.0 57.0
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 55.366 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

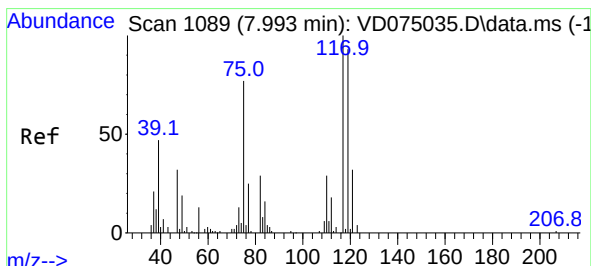
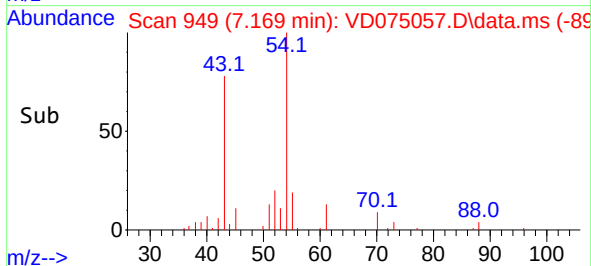
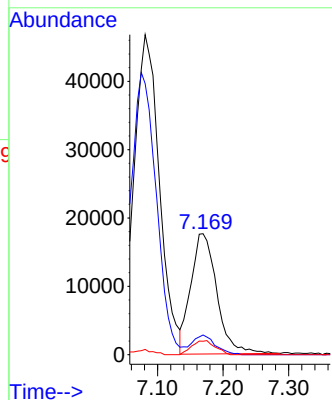
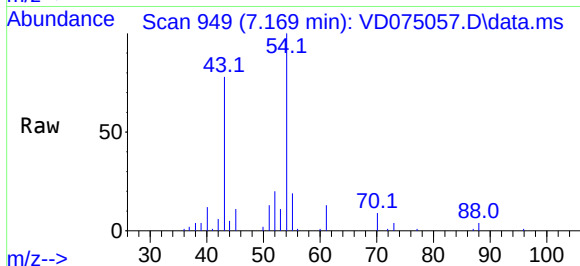
Tgt Ion: 43 Resp: 48638

Ion Ratio Lower Upper

43 100

61 13.6 12.8 19.2

70 10.5 10.2 15.4



#38

Carbon Tetrachloride

Concen: 53.304 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

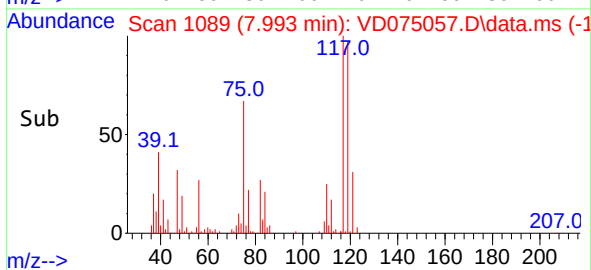
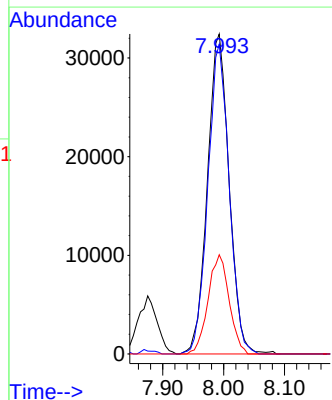
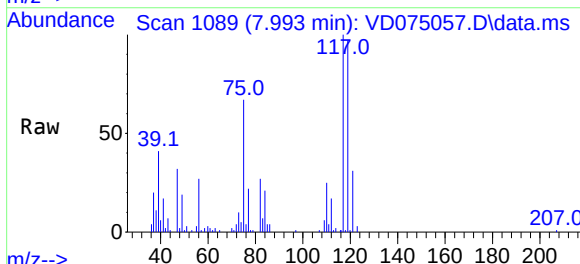
Tgt Ion: 117 Resp: 80156

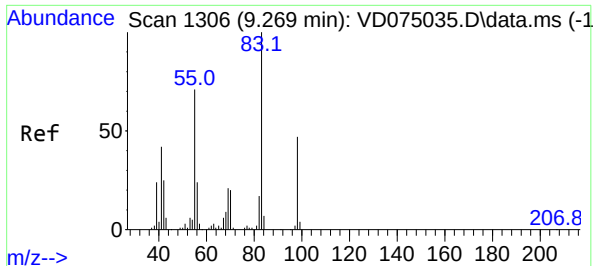
Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.6

121 31.0 25.4 38.0





#39

Methylcyclohexane

Concen: 48.399 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

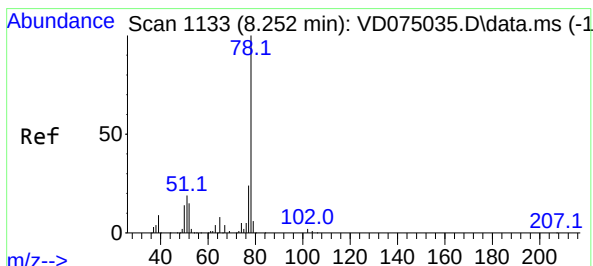
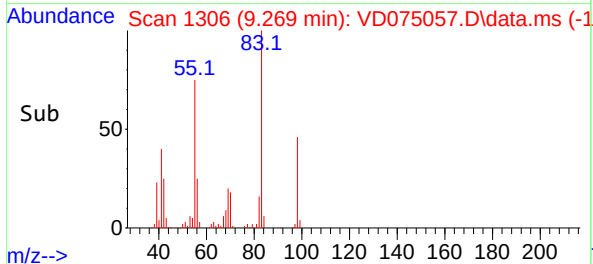
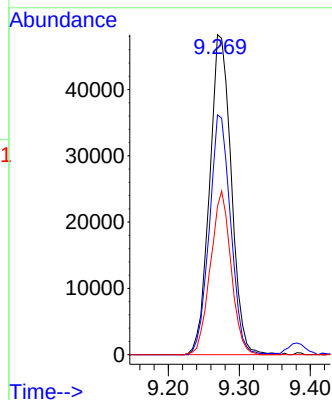
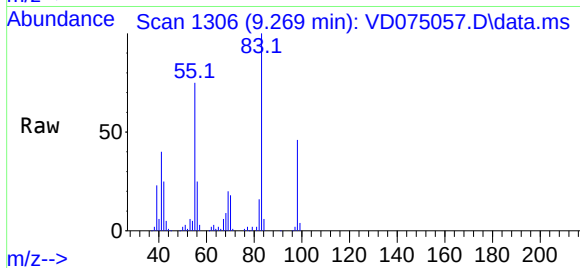
Tgt Ion: 83 Resp: 102220

Ion Ratio Lower Upper

83 100

55 75.0 53.1 79.7

98 46.2 37.5 56.3



#40

Benzene

Concen: 51.174 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075057.D

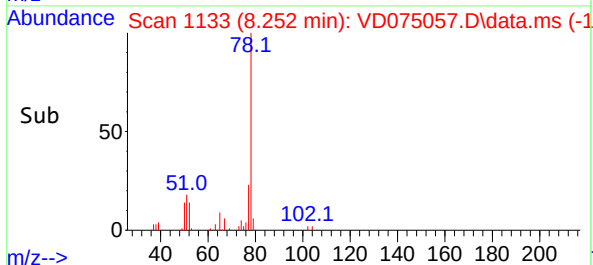
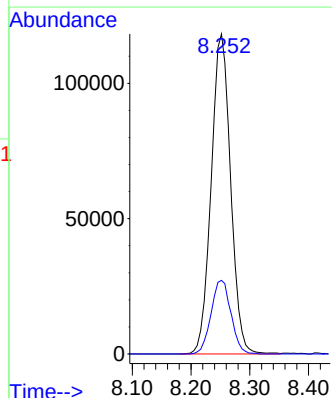
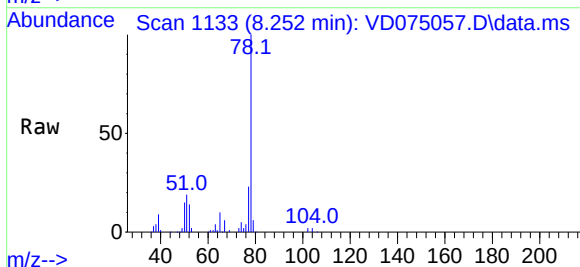
Acq: 27 Dec 2022 17:12

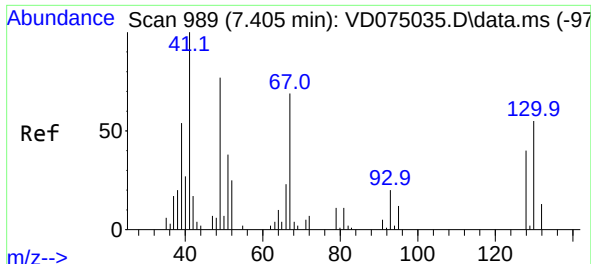
Tgt Ion: 78 Resp: 270945

Ion Ratio Lower Upper

78 100

77 23.0 18.6 27.8



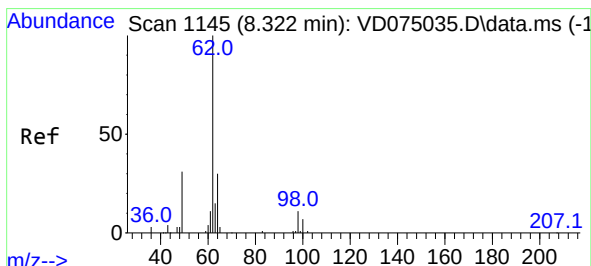
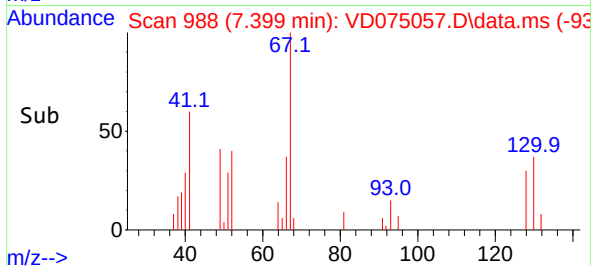
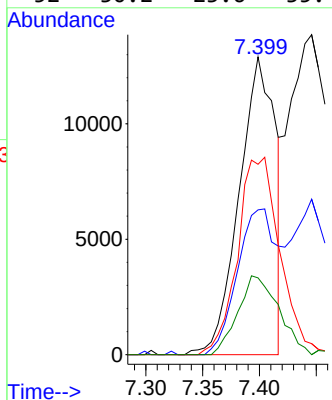
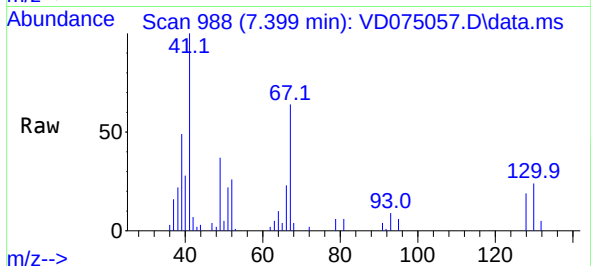


#41
Methacrylonitrile
Concen: 52.261 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 28565

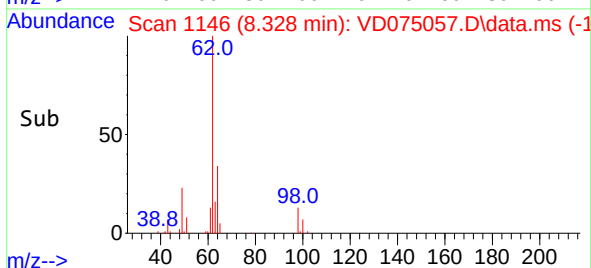
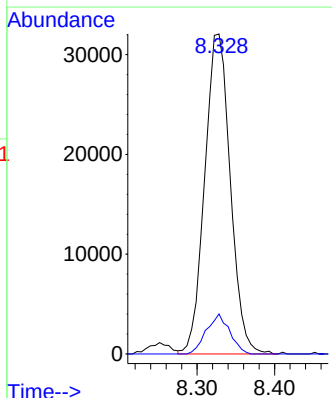
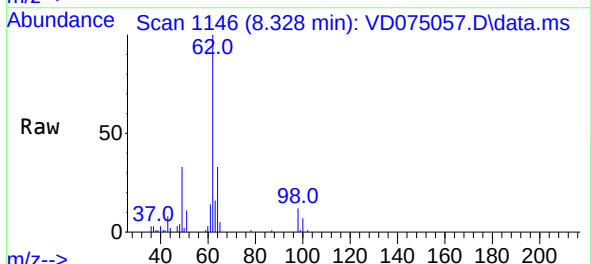
Ion	Ratio	Lower	Upper
41	100		
39	57.3	44.8	67.2
67	77.2	69.6	104.4
52	30.2	23.6	35.4

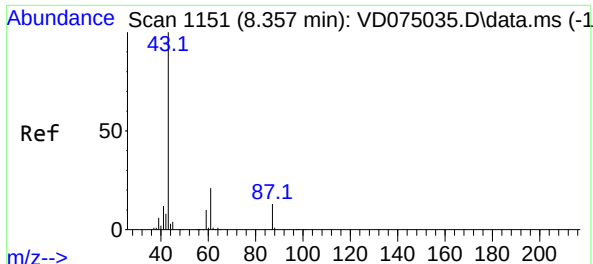


#42
1,2-Dichloroethane
Concen: 54.526 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 62 Resp: 73655

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	23.4





#43

Isopropyl Acetate

Concen: 54.788 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.001 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

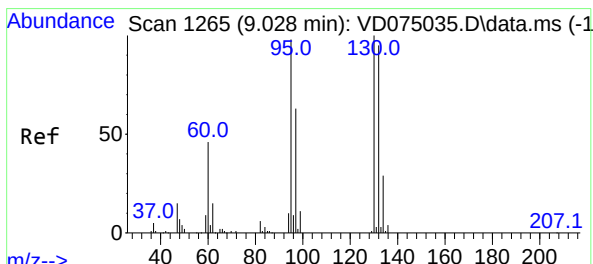
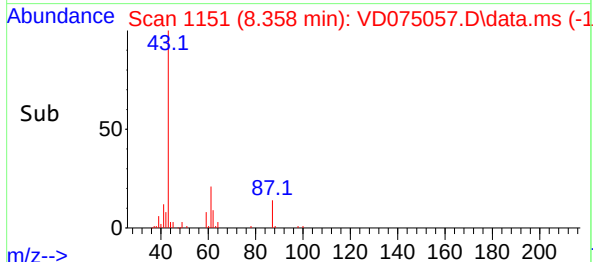
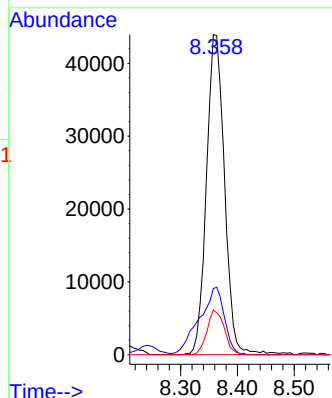
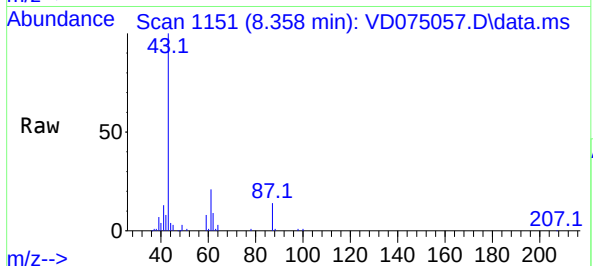
Tgt Ion: 43 Resp: 96826

Ion Ratio Lower Upper

43 100

61 29.1 28.2 42.4

87 13.3 13.6 20.4#



#44

Trichloroethene

Concen: 50.879 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075057.D

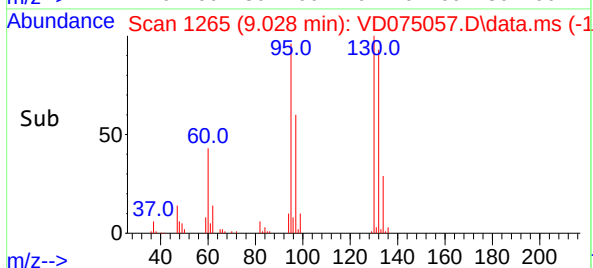
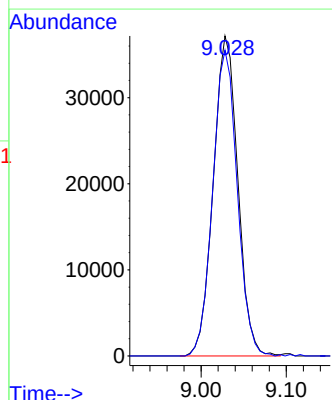
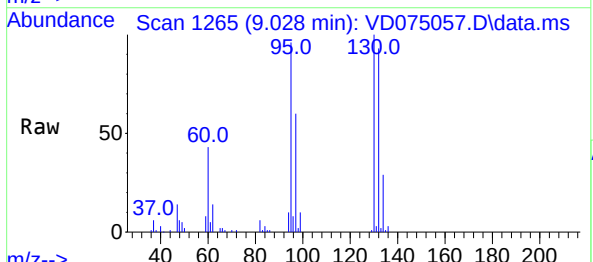
Acq: 27 Dec 2022 17:12

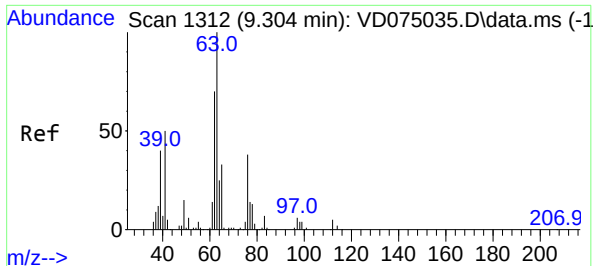
Tgt Ion:130 Resp: 74197

Ion Ratio Lower Upper

130 100

95 95.5 0.0 190.0

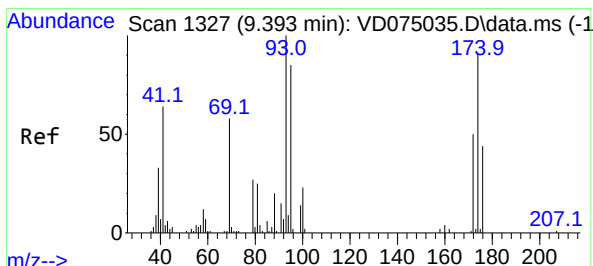
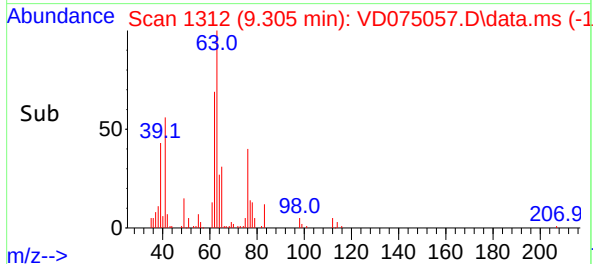
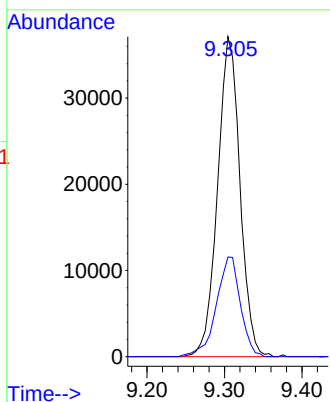
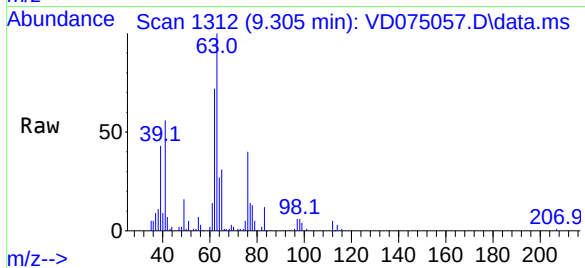




#45
1,2-Dichloropropane
Concen: 52.724 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.001 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

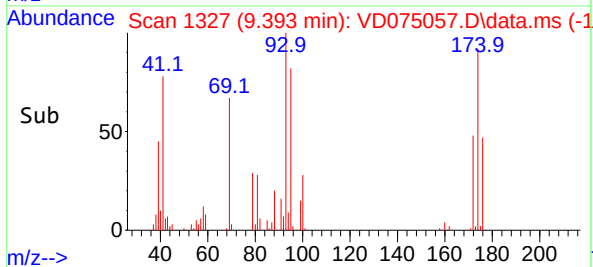
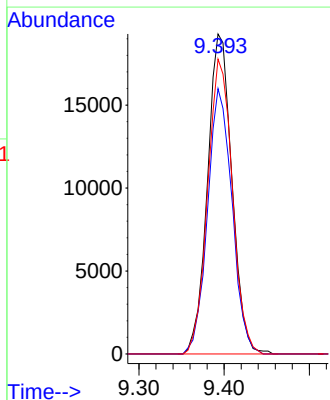
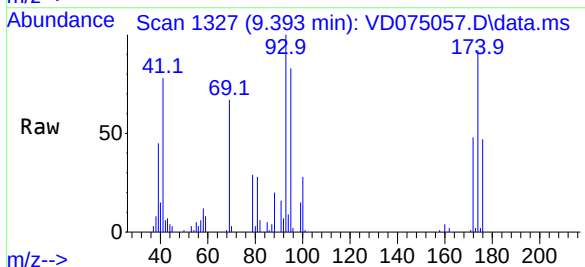
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

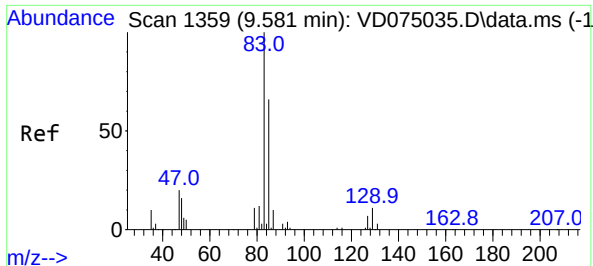
Tgt Ion: 63 Resp: 74770
Ion Ratio Lower Upper
63 100
65 31.1 27.0 40.6



#46
Dibromomethane
Concen: 54.422 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 93 Resp: 38384
Ion Ratio Lower Upper
93 100
95 83.1 65.7 98.5
174 93.1 74.7 112.1





#47

Bromodichloromethane

Concen: 53.519 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

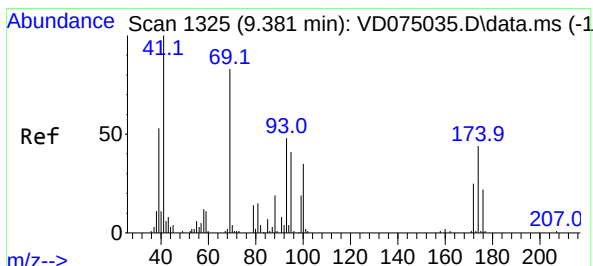
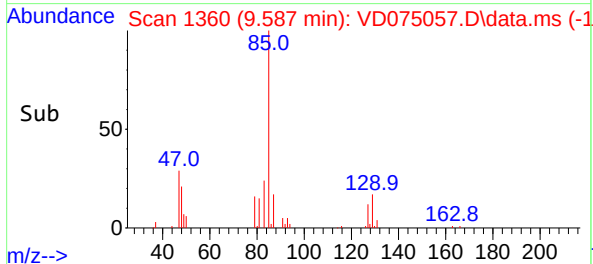
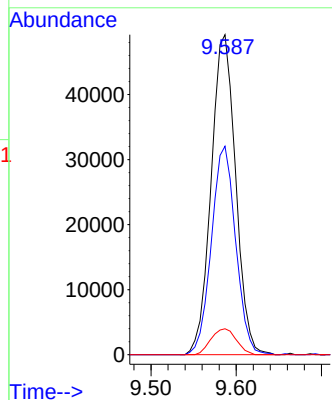
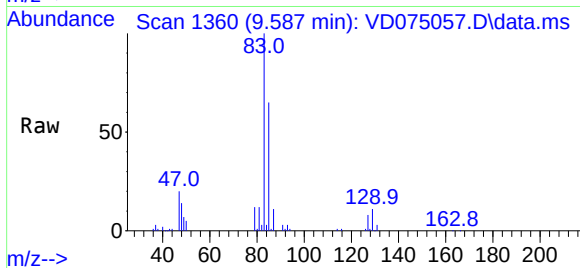
Tgt Ion: 83 Resp: 98303

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8

127 8.1 7.2 10.8



#48

Methyl methacrylate

Concen: 52.954 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

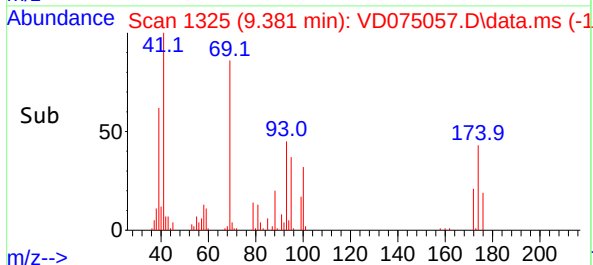
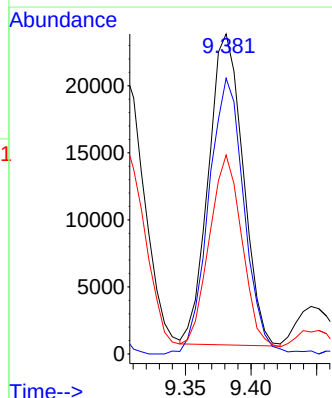
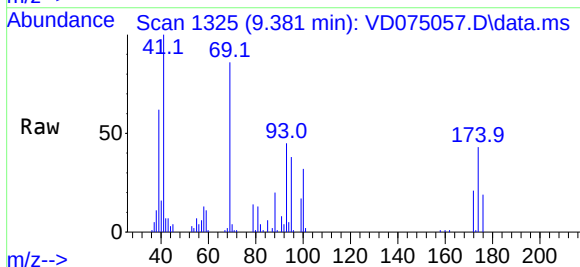
Tgt Ion: 41 Resp: 42509

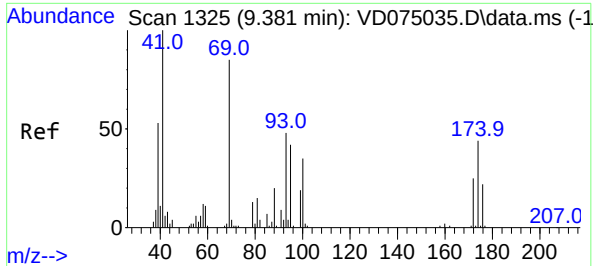
Ion Ratio Lower Upper

41 100

69 91.0 84.8 127.2

39 63.7 43.6 65.4

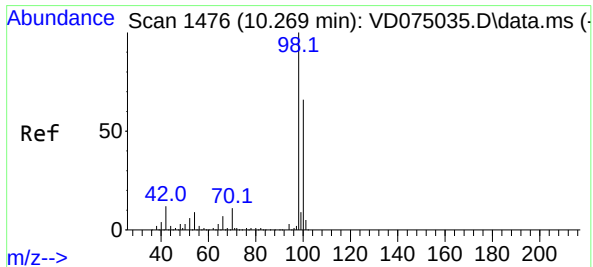
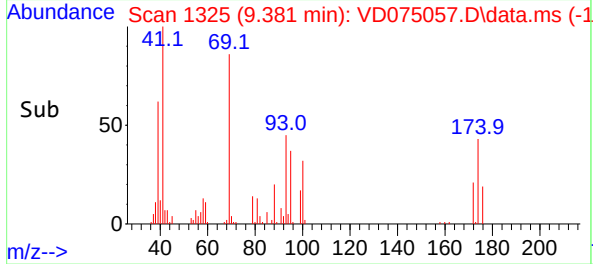
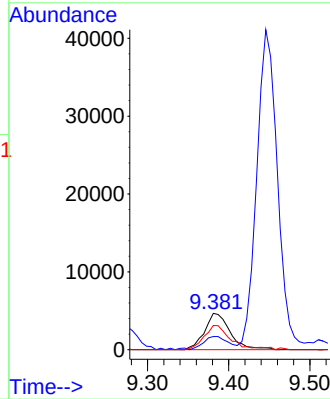
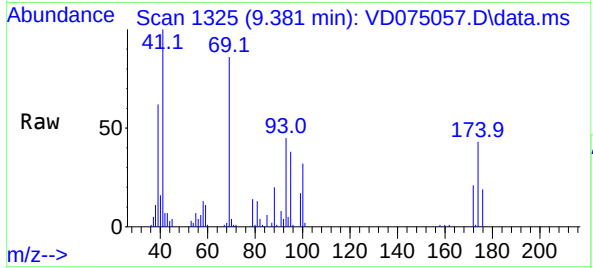




#49
1,4-Dioxane
Concen: 1146.099 ug/l
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

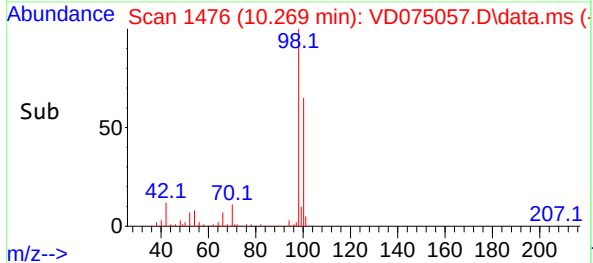
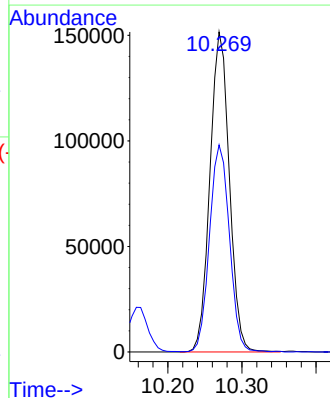
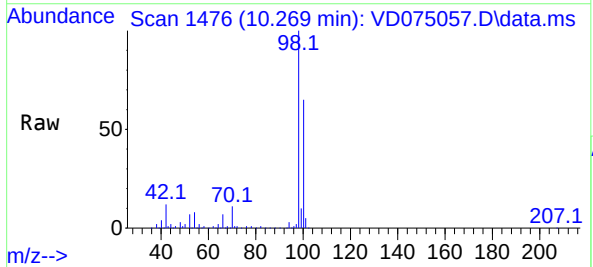
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

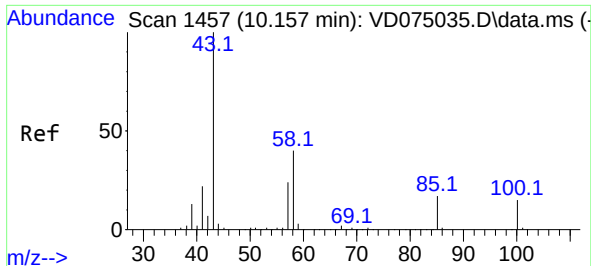
Tgt Ion: 88 Resp: 10187
Ion Ratio Lower Upper
88 100
43 36.9 23.9 35.9#
58 66.1 48.4 72.6



#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 98 Resp: 275721
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2

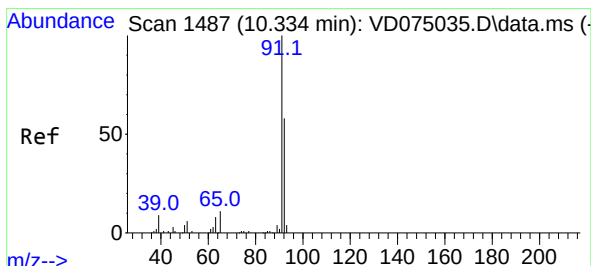
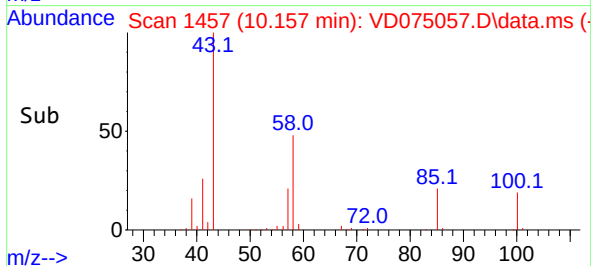
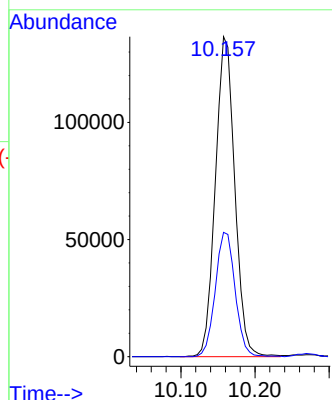
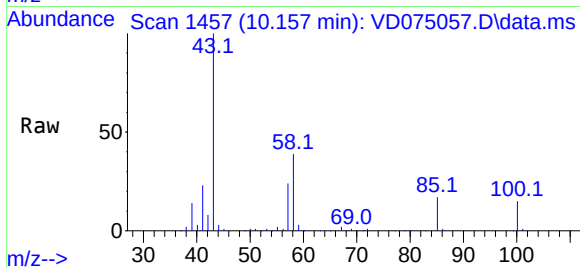




#51
4-Methyl-2-Pentanone
Concen: 284.397 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

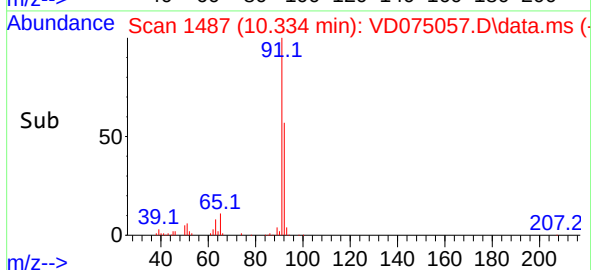
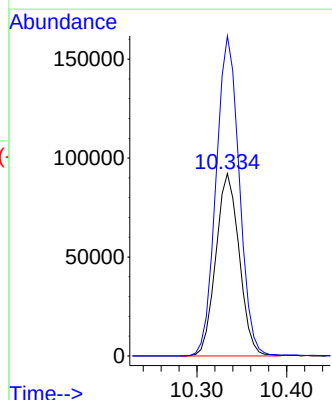
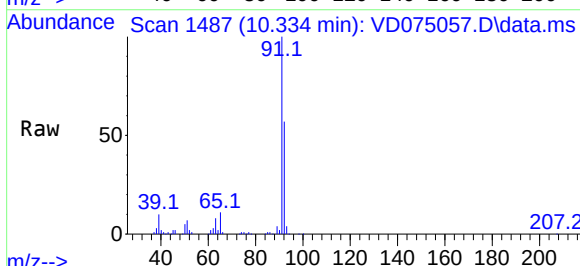
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

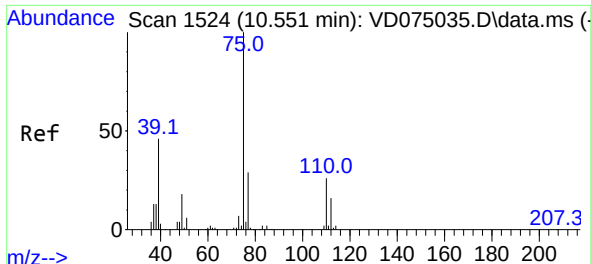
Tgt Ion: 43 Resp: 248286
Ion Ratio Lower Upper
43 100
58 39.7 35.7 53.5



#52
Toluene
Concen: 49.414 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 92 Resp: 166603
Ion Ratio Lower Upper
92 100
91 175.1 139.3 208.9

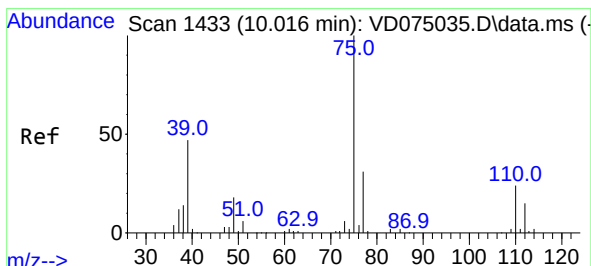
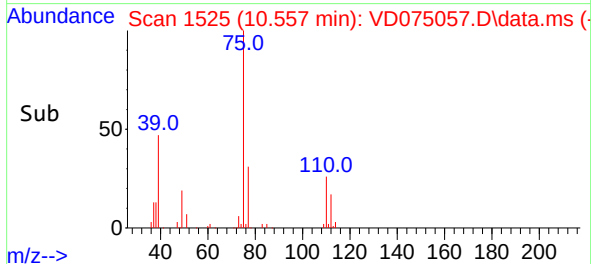
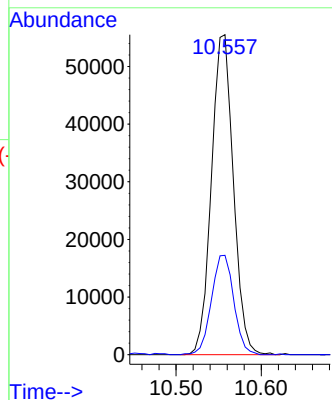
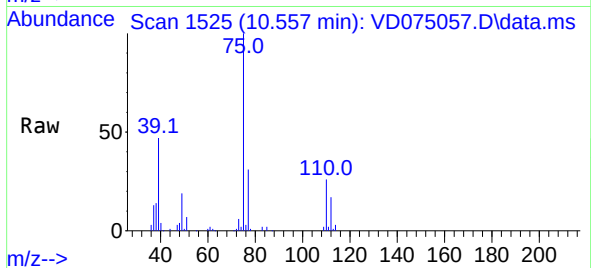




#53
t-1,3-Dichloropropene
Concen: 55.503 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

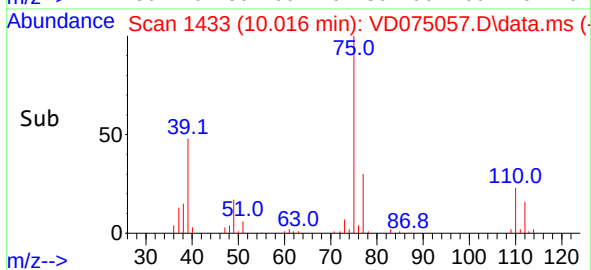
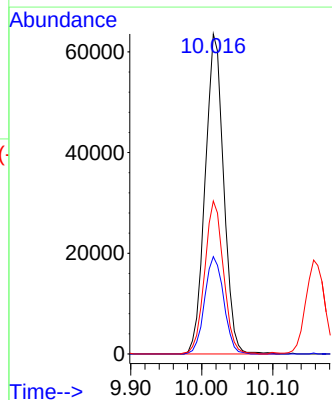
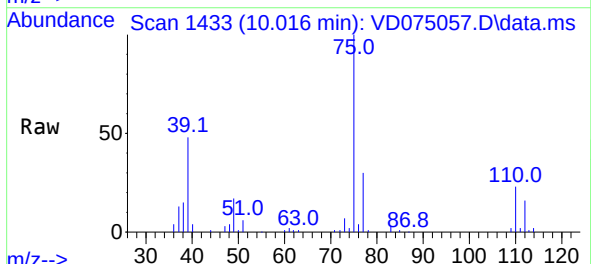
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

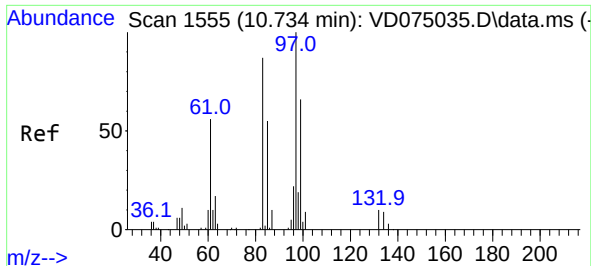
Tgt Ion: 75 Resp: 99188
Ion Ratio Lower Upper
75 100
77 31.1 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 53.482 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 75 Resp: 115176
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 47.8 25.7 38.5#

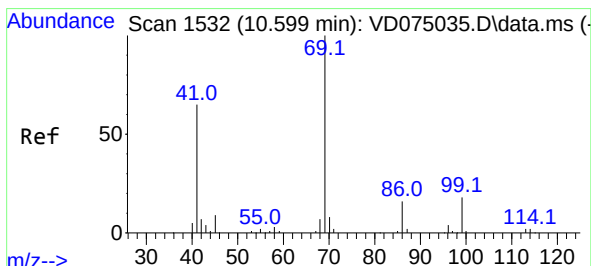
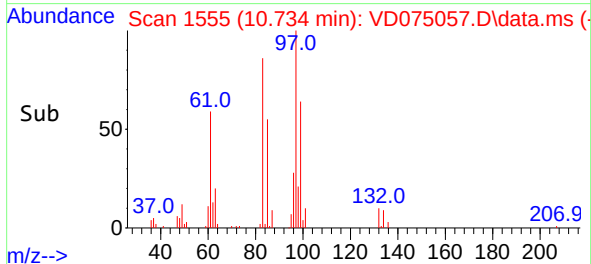
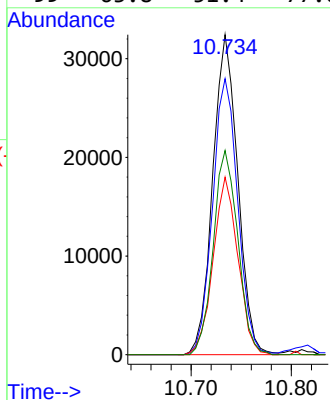
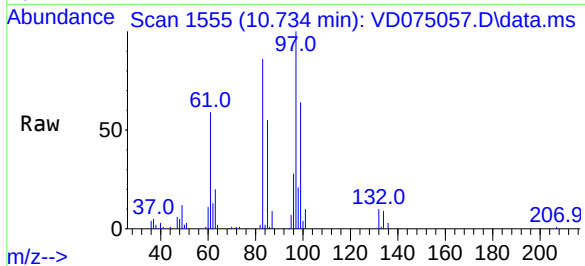




#55
1,1,2-Trichloroethane
Concen: 54.471 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

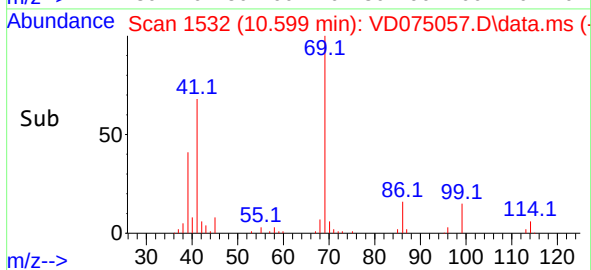
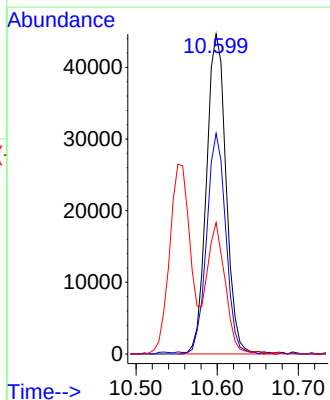
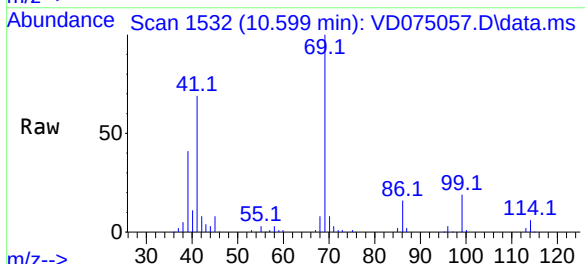
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

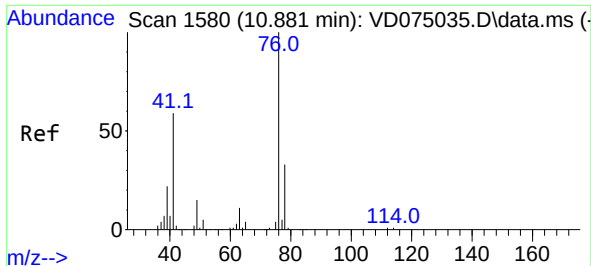
Tgt Ion:	97	Resp:	56257
Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.1	97.7
85	55.5	43.3	64.9
99	63.8	51.4	77.0



#56
Ethyl methacrylate
Concen: 54.989 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:	69	Resp:	74757
Ion	Ratio	Lower	Upper
69	100		
41	67.7	42.2	63.4#
39	36.5	20.2	30.4#





#57

1,3-Dichloropropane

Concen: 54.709 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

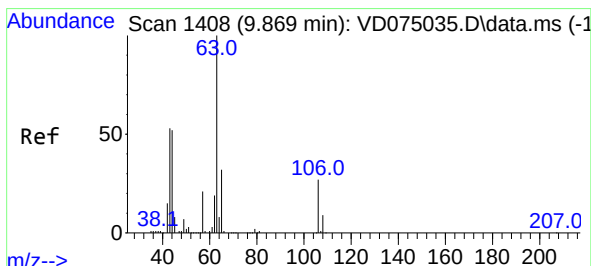
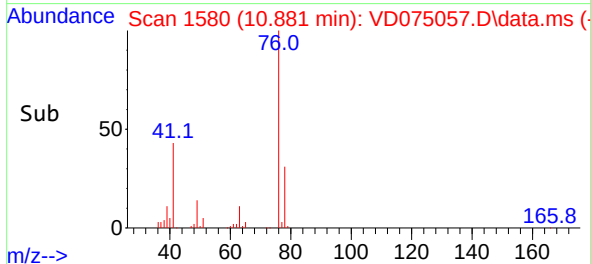
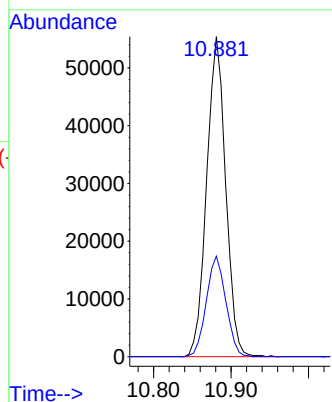
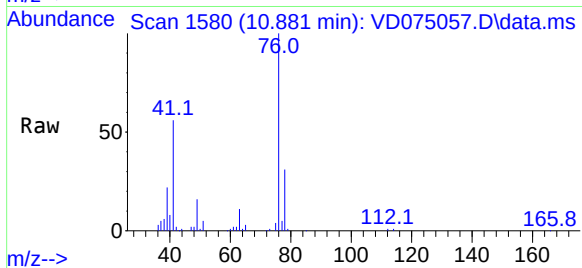
VSTDCCC050EC

Tgt Ion: 76 Resp: 94457

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 275.832 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075057.D

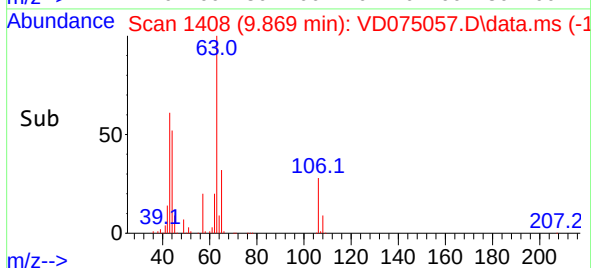
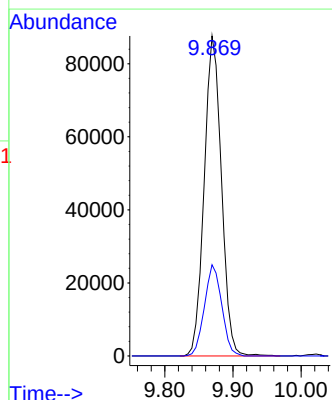
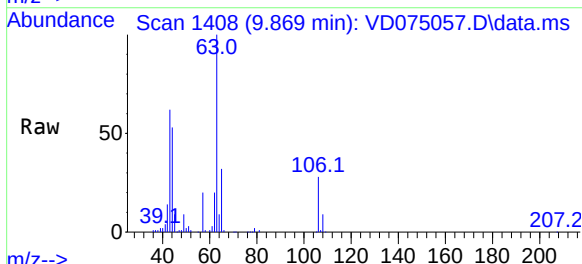
Acq: 27 Dec 2022 17:12

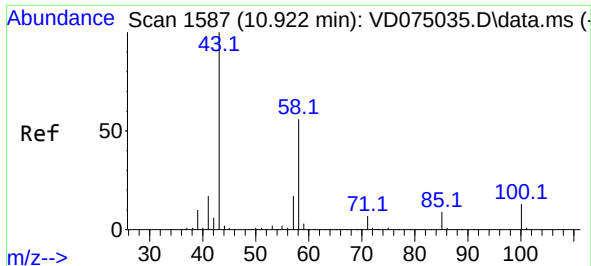
Tgt Ion: 63 Resp: 153921

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9

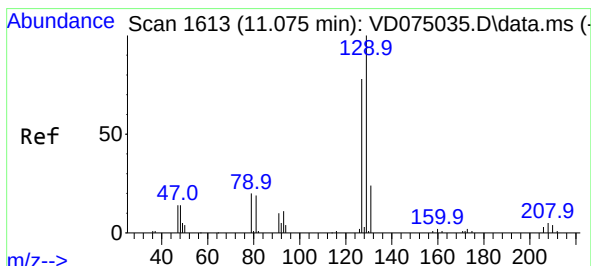
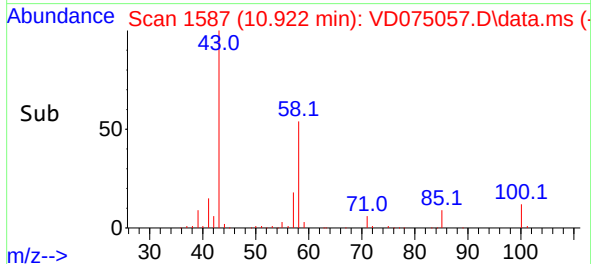
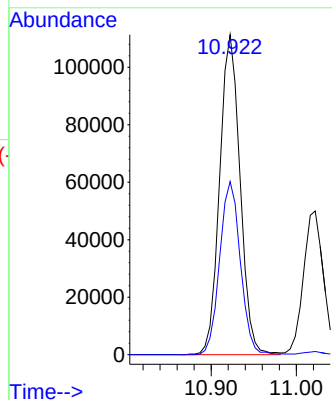
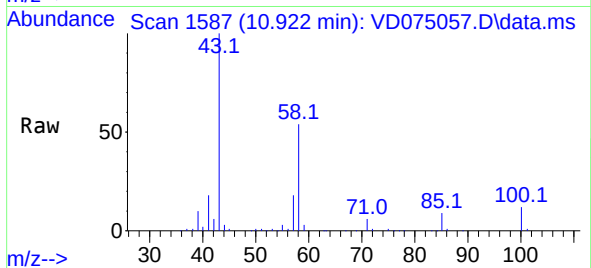




#59
2-Hexanone
Concen: 292.008 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

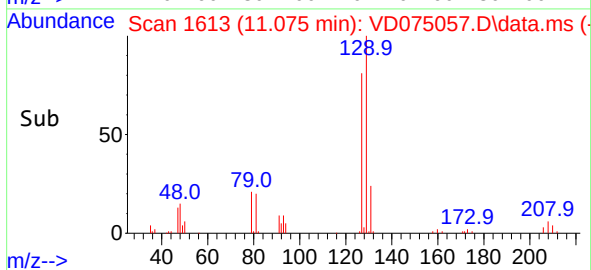
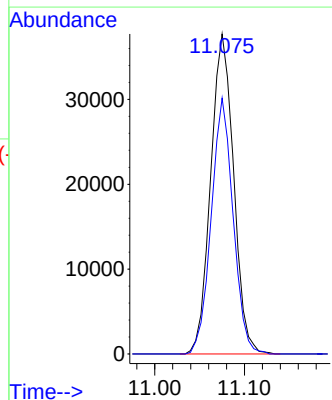
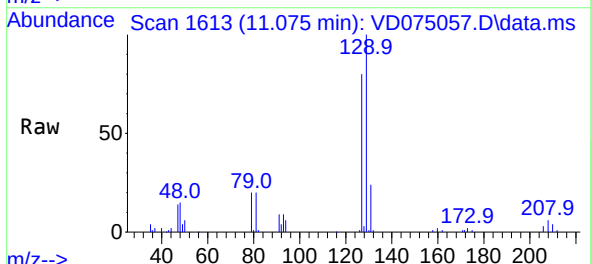
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

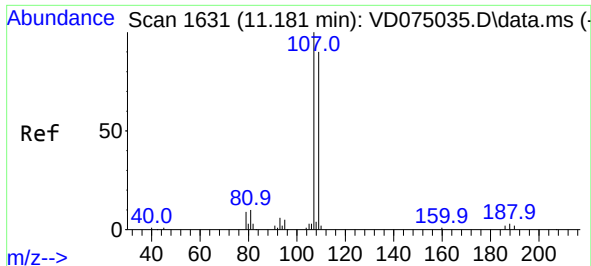
Tgt Ion: 43 Resp: 185384
Ion Ratio Lower Upper
43 100
58 54.8 30.8 92.4



#60
Dibromochloromethane
Concen: 56.593 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:129 Resp: 66961
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3

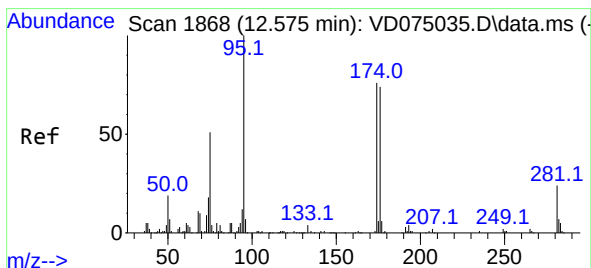
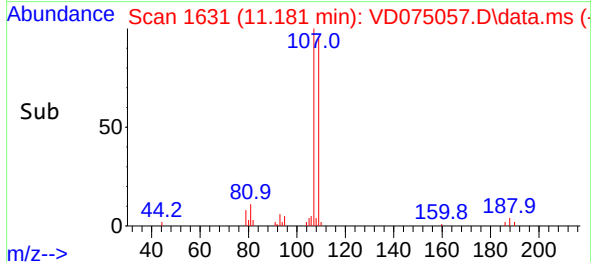
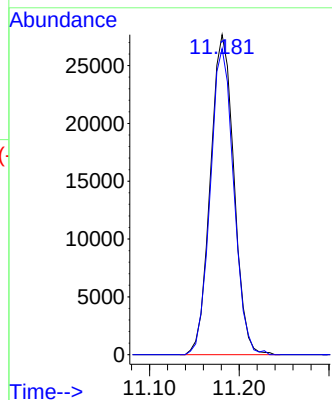
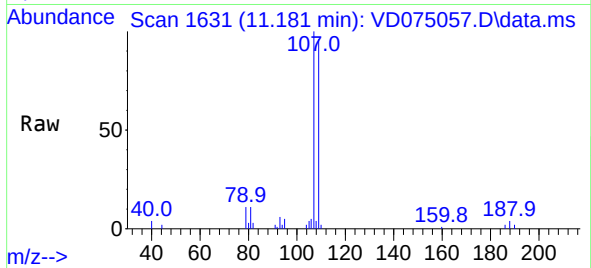




#61
1,2-Dibromoethane
Concen: 54.416 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

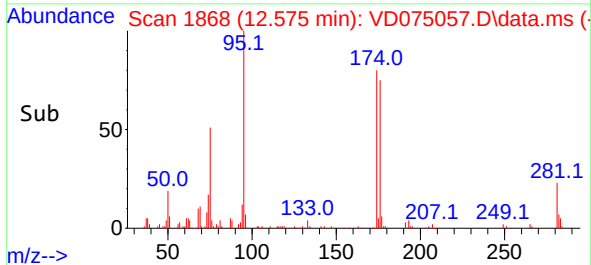
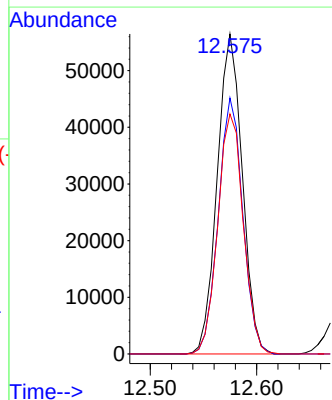
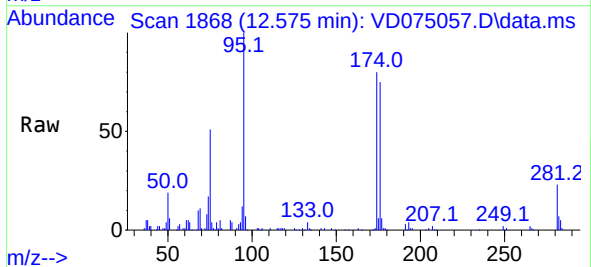
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

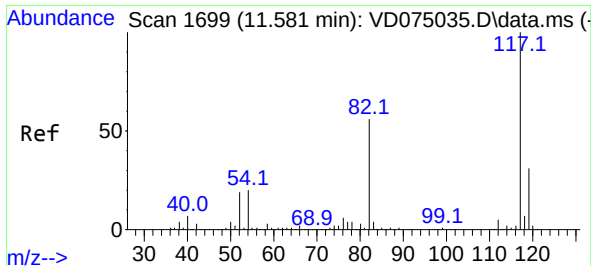
Tgt Ion:107 Resp: 50384
Ion Ratio Lower Upper
107 100
109 95.0 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 52.228 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 95 Resp: 92044
Ion Ratio Lower Upper
95 100
174 78.3 0.0 171.2
176 76.4 0.0 165.0

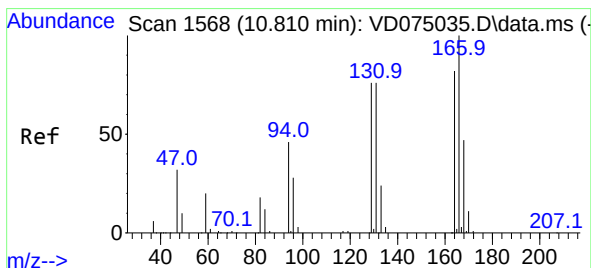
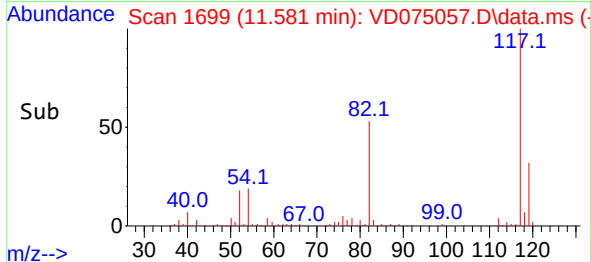
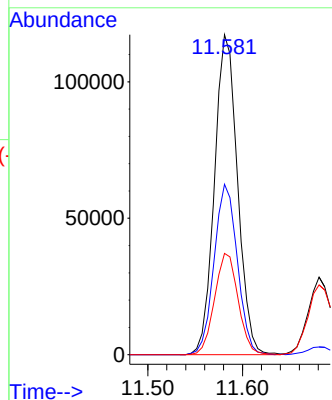
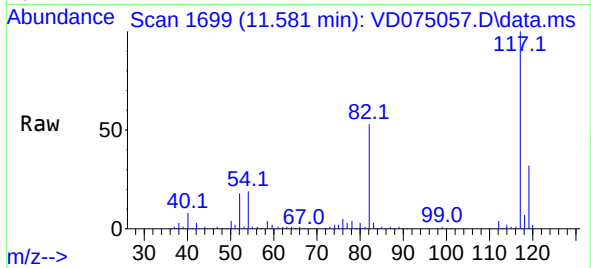




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

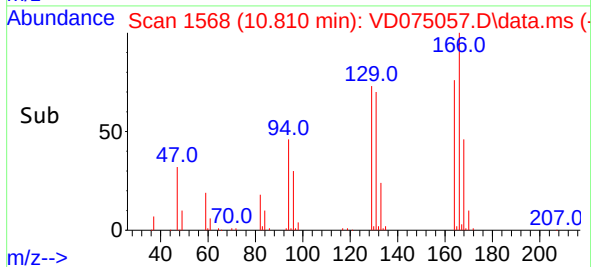
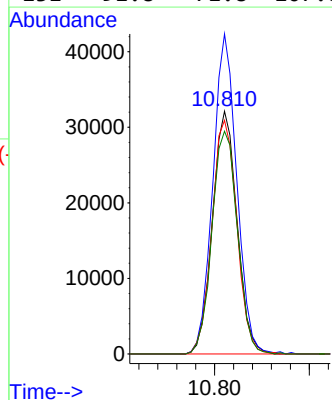
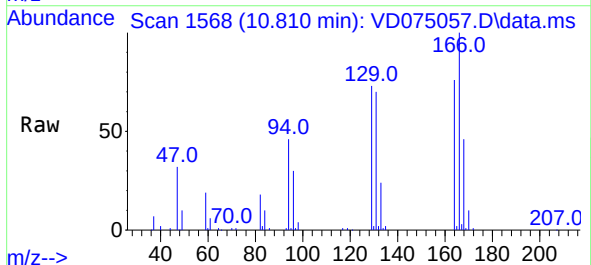
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

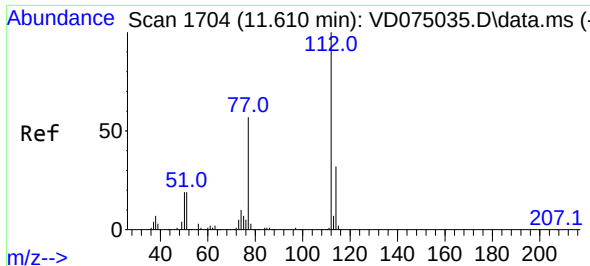
Tgt Ion:117 Resp: 198841
Ion Ratio Lower Upper
117 100
82 53.3 40.9 61.3
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 49.929 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:164 Resp: 58113
Ion Ratio Lower Upper
164 100
166 131.8 99.4 149.0
129 96.2 76.7 115.1
131 91.8 71.8 107.8

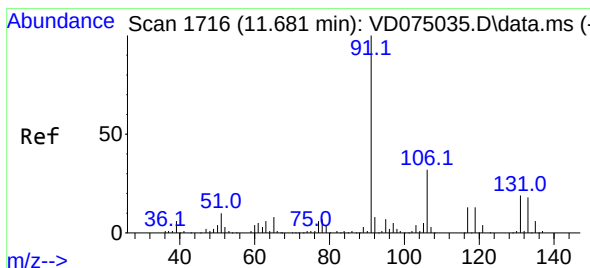
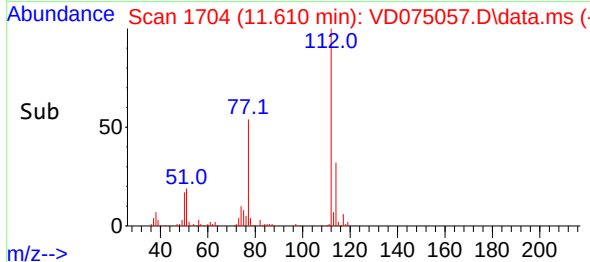
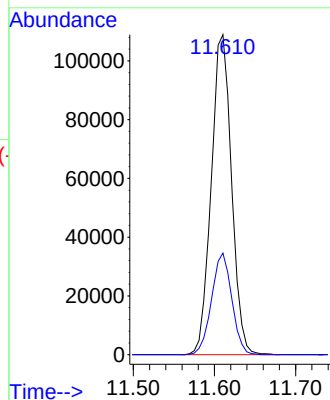
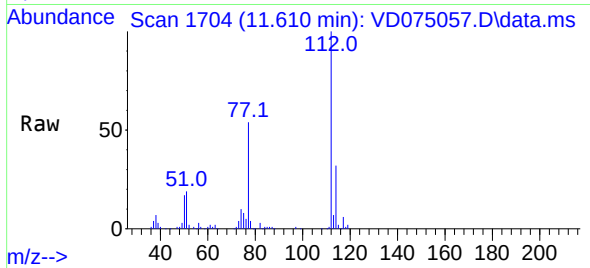




#65
Chlorobenzene
Concen: 52.034 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

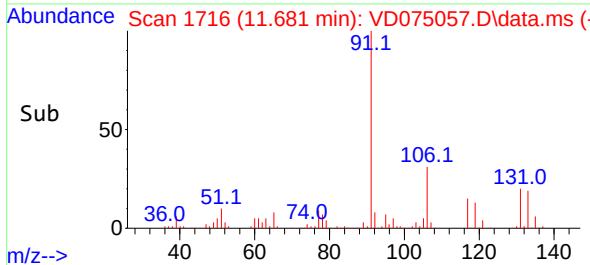
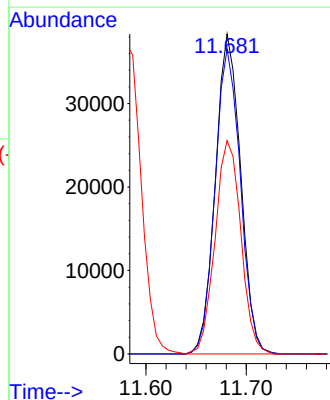
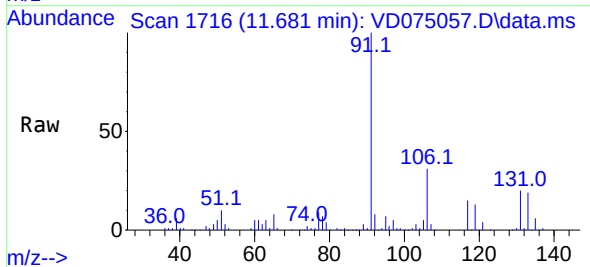
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

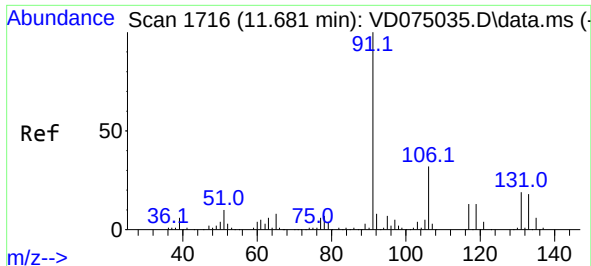
Tgt Ion:112 Resp: 188965
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.098 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:131 Resp: 66776
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.6
119 68.3 34.2 102.5





#67

Ethyl Benzene

Concen: 49.749 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

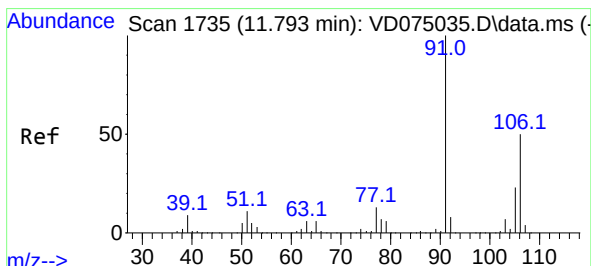
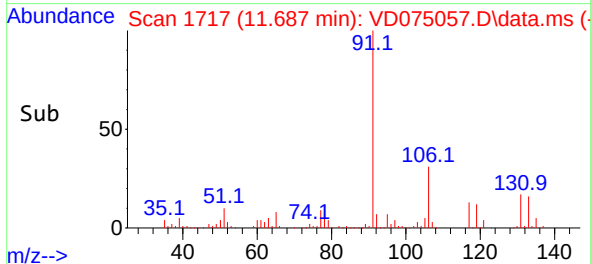
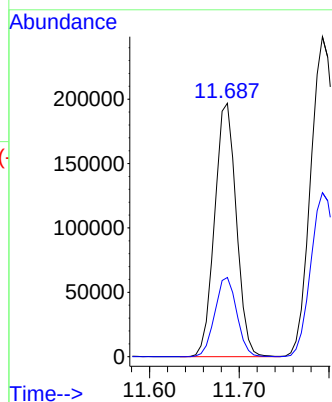
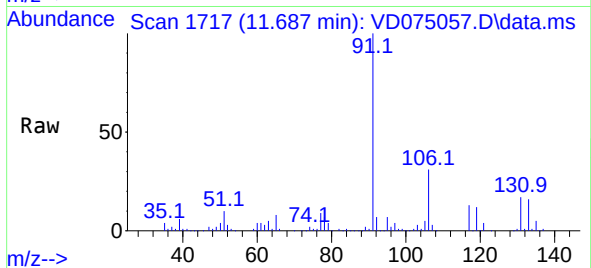
VSTDCCC050EC

Tgt Ion: 91 Resp: 330664

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 99.335 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075057.D

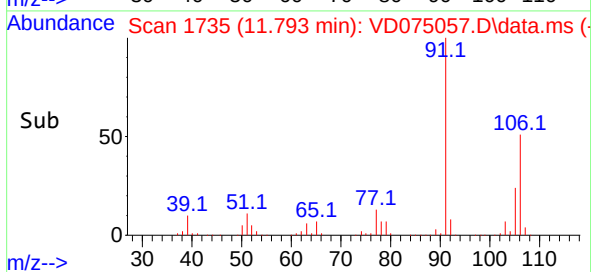
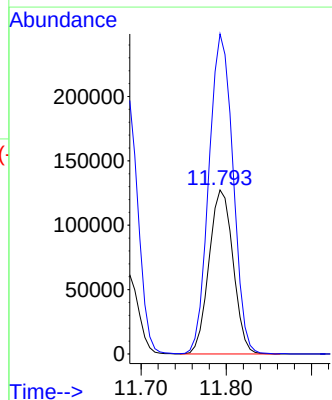
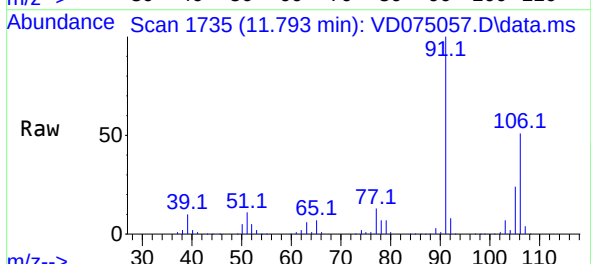
Acq: 27 Dec 2022 17:12

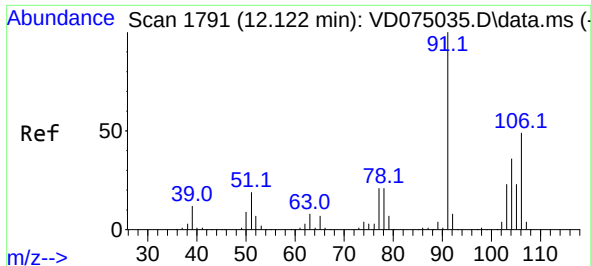
Tgt Ion:106 Resp: 250329

Ion Ratio Lower Upper

106 100

91 195.7 156.3 234.5

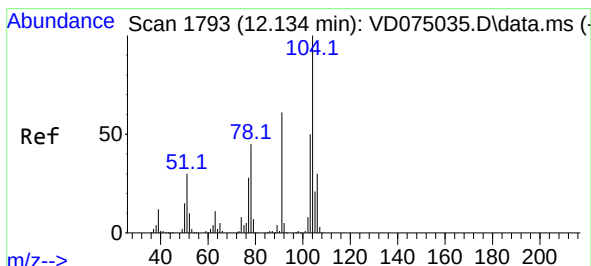
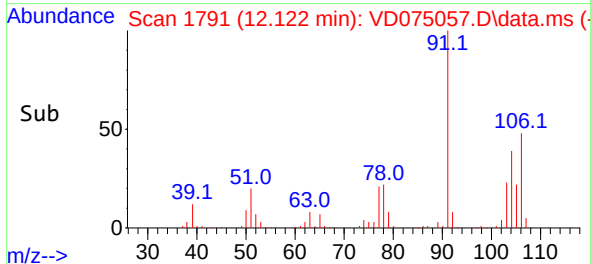
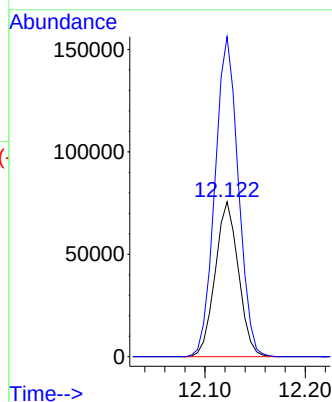
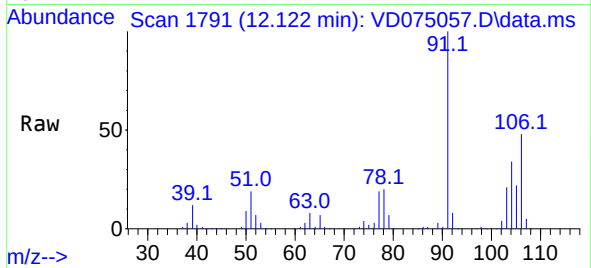




#69
o-Xylene
Concen: 50.285 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

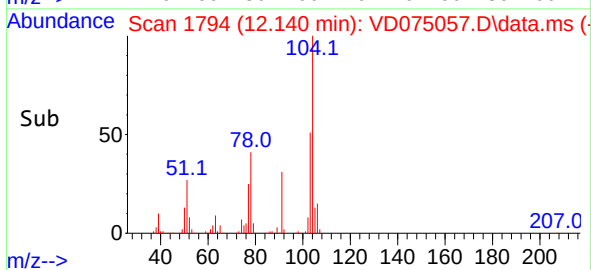
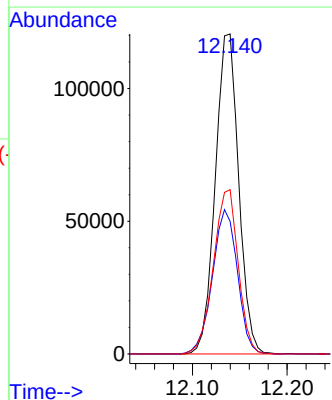
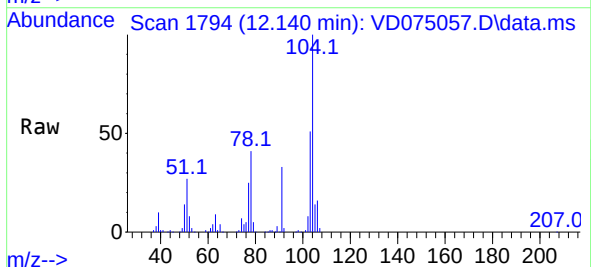
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

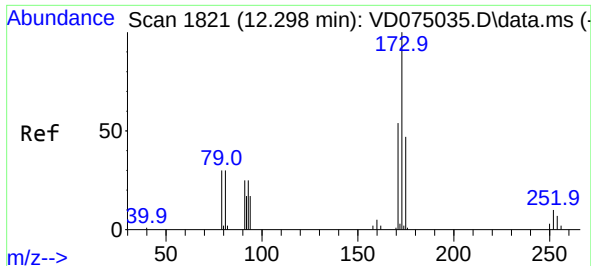
Tgt Ion:106 Resp: 121898
Ion Ratio Lower Upper
106 100
91 207.5 102.7 308.1



#70
Styrene
Concen: 50.776 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:104 Resp: 206941
Ion Ratio Lower Upper
104 100
78 48.2 35.5 53.3
103 54.5 43.9 65.9

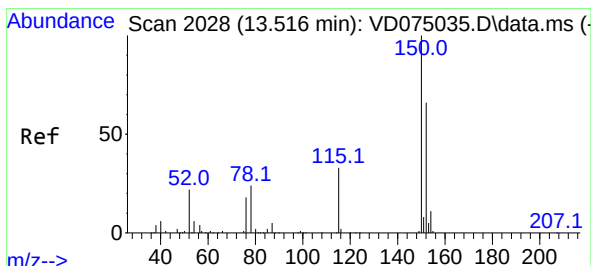
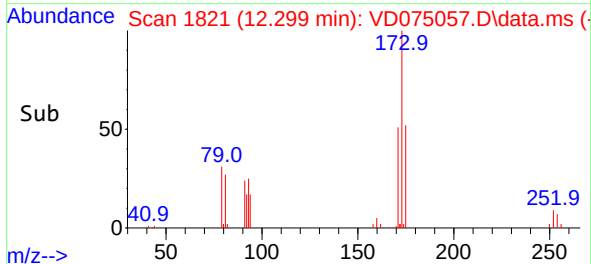
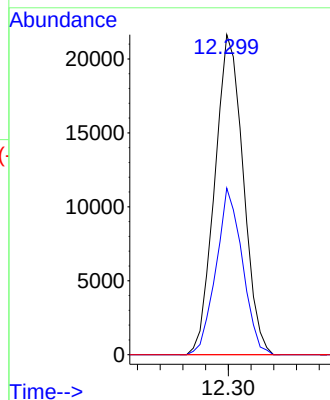
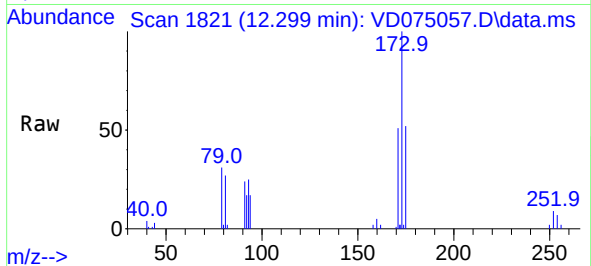




#71
Bromoform
Concen: 55.108 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

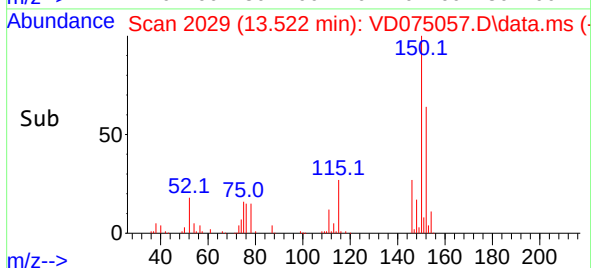
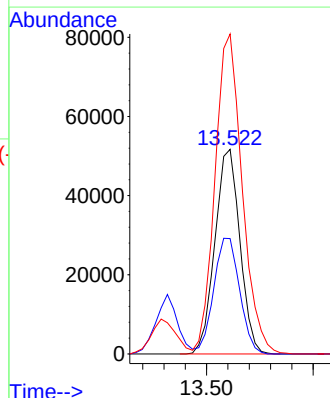
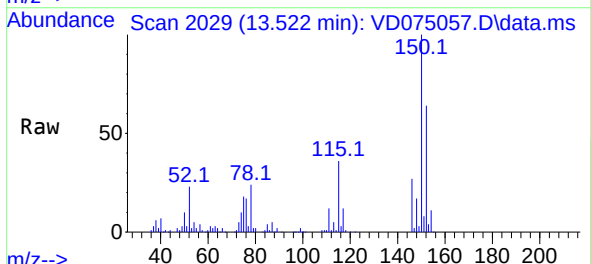
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

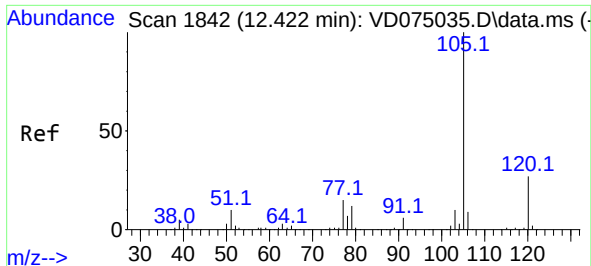
Tgt Ion:	173	Resp:	37602
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.4	73.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:	152	Resp:	84120
Ion Ratio	Lower	Upper	
152	100		
115	58.8	28.8	86.5
150	170.4	0.0	354.2

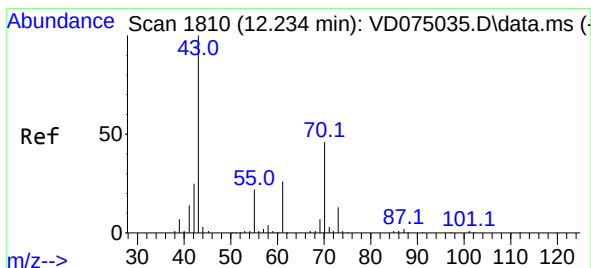
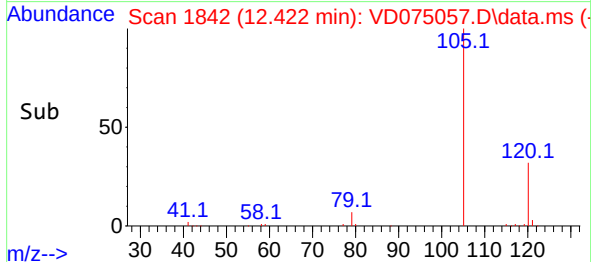
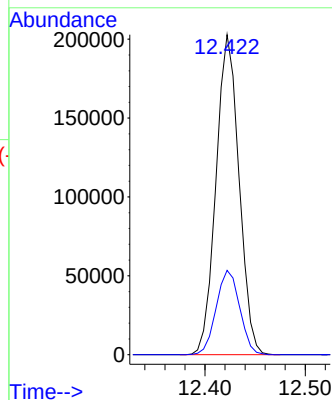
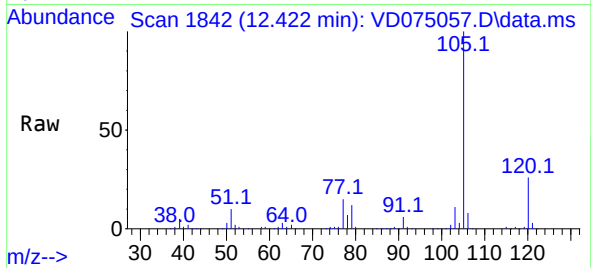




#73
Isopropylbenzene
Concen: 50.090 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

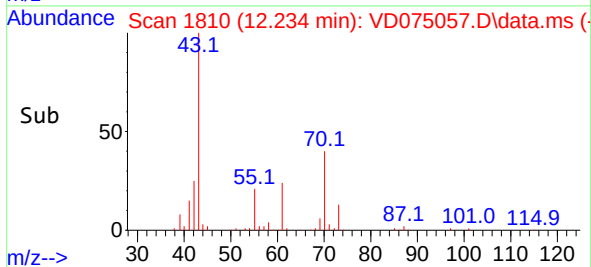
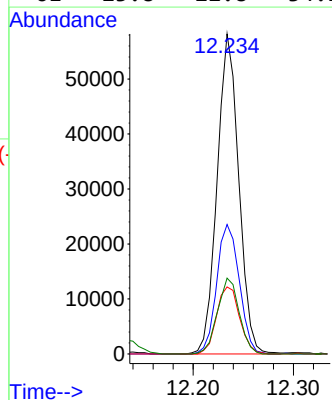
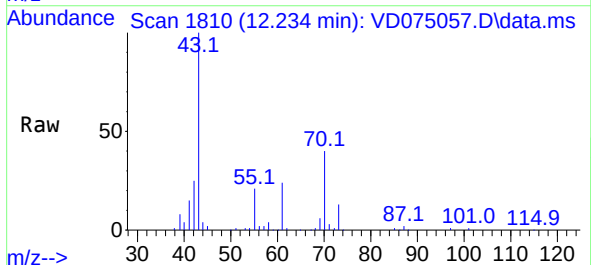
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

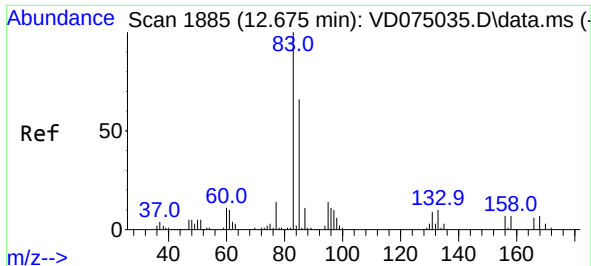
Tgt Ion:105 Resp: 323046
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 53.250 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 43 Resp: 87170
Ion Ratio Lower Upper
43 100
70 42.2 40.6 60.8
55 22.4 22.0 33.0
61 23.8 22.8 34.2

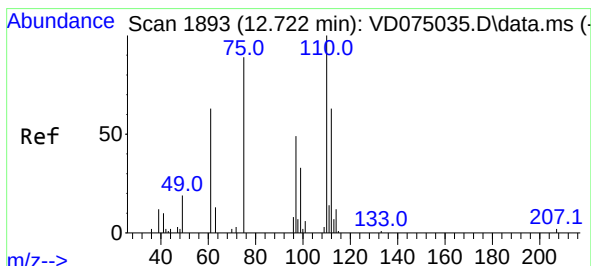
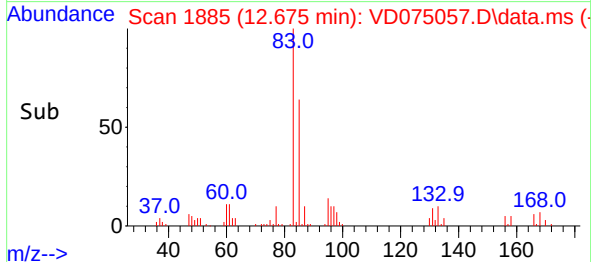
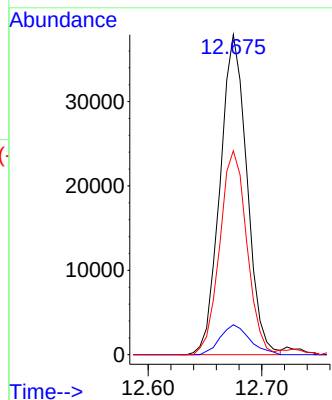
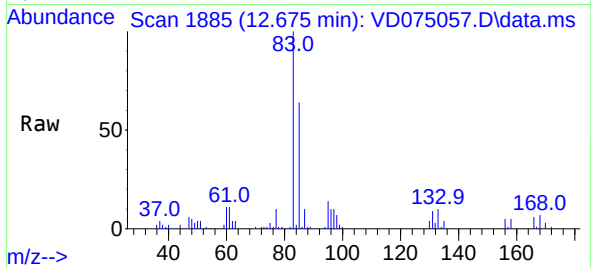




#75
1,1,2,2-Tetrachloroethane
Concen: 54.157 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

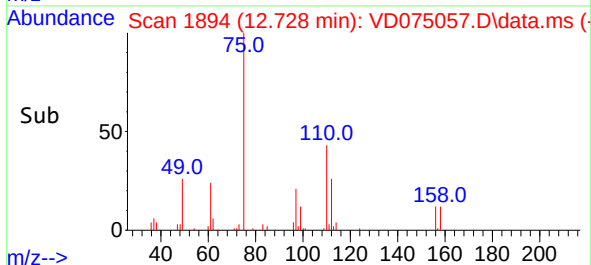
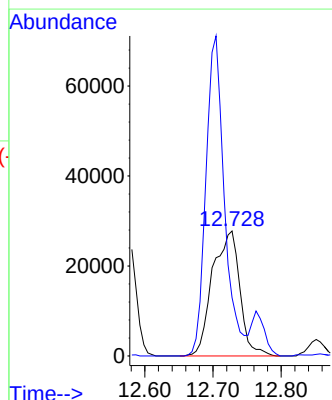
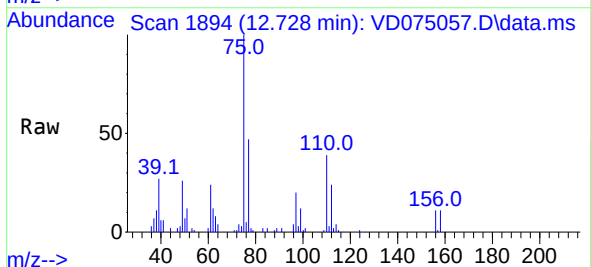
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

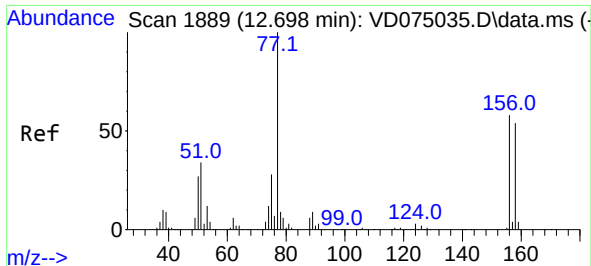
Tgt Ion: 83 Resp: 62282
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 64.3 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 89.950 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 75 Resp: 77584
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

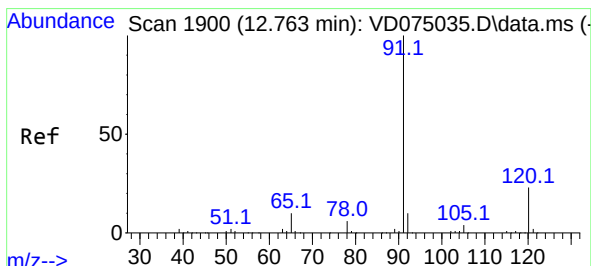
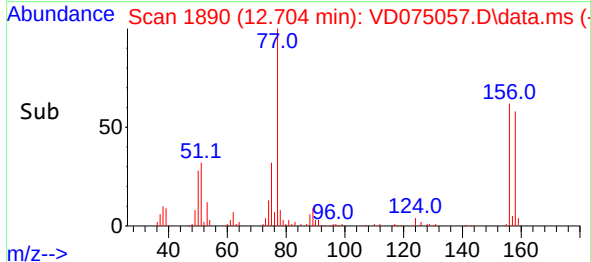
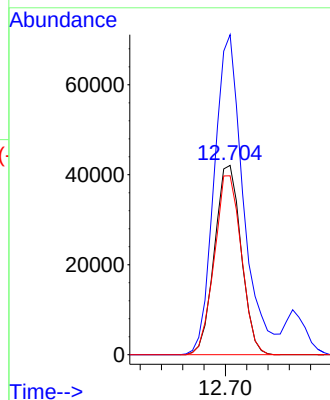
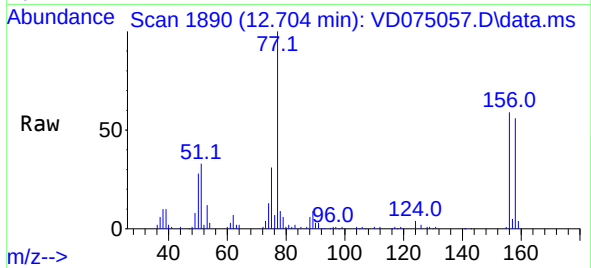




#77
Bromobenzene
Concen: 53.003 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

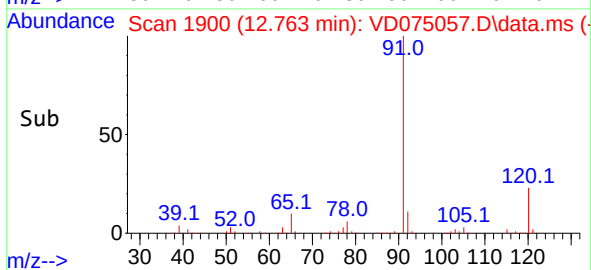
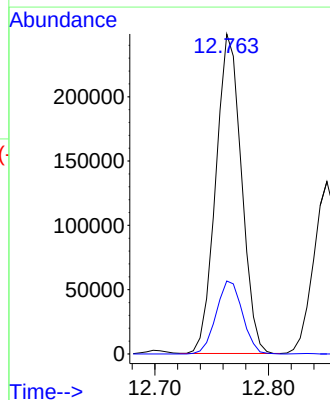
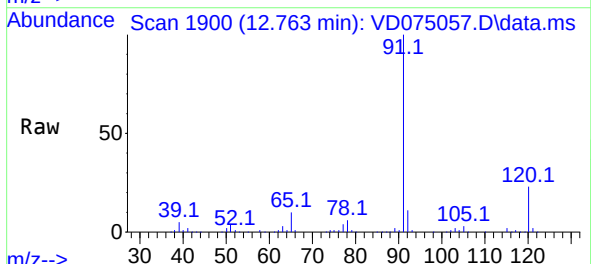
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

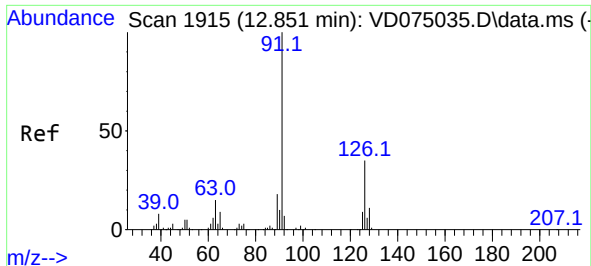
Tgt Ion:156 Resp: 72968
Ion Ratio Lower Upper
156 100
77 183.9 86.3 258.9
158 96.2 48.3 144.9



#78
n-propylbenzene
Concen: 49.369 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 91 Resp: 389991
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7

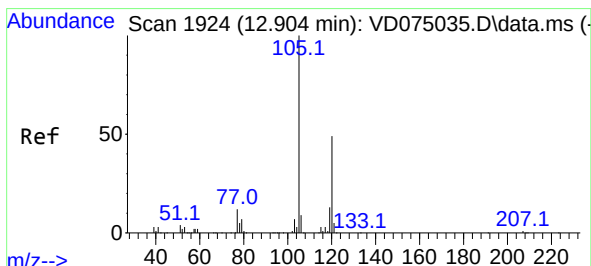
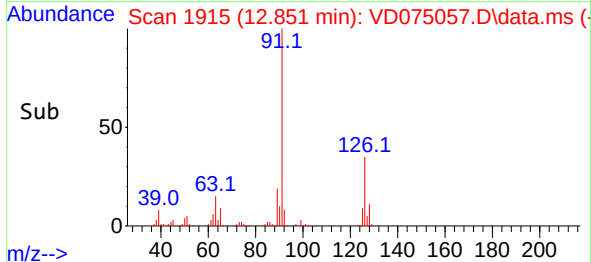
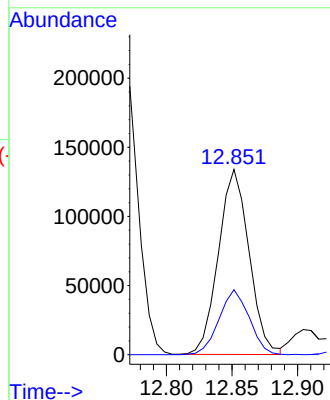
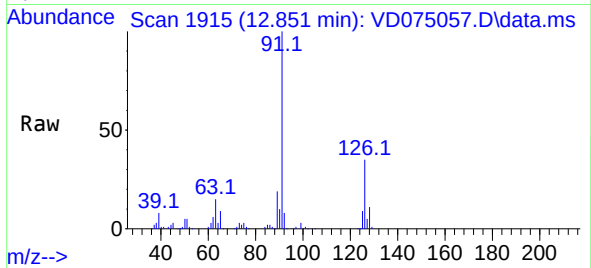




#79
2-Chlorotoluene
Concen: 50.437 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

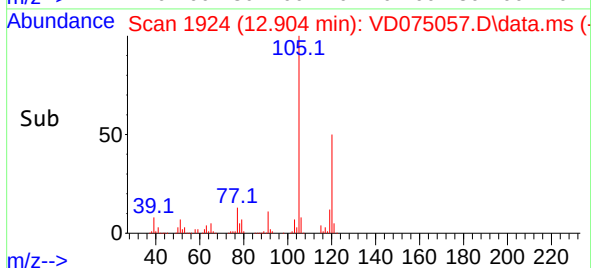
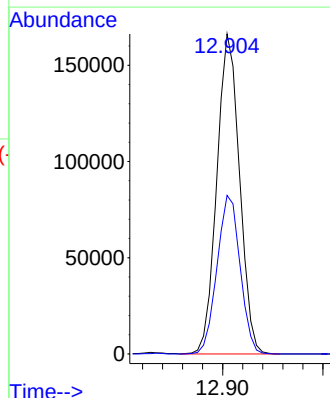
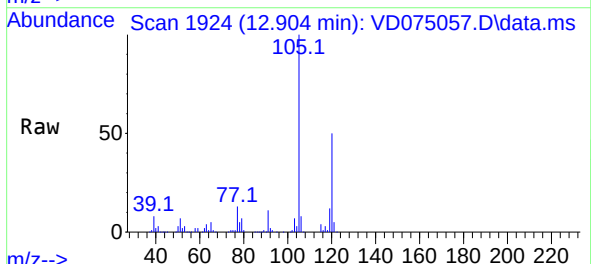
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

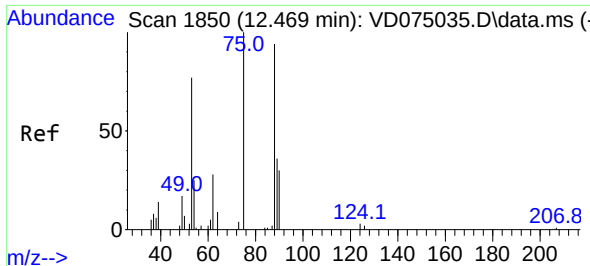
Tgt Ion: 91 Resp: 217670
Ion Ratio Lower Upper
91 100
126 34.5 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 50.145 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 105 Resp: 260809
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.3

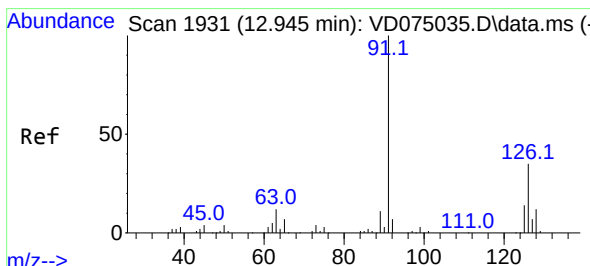
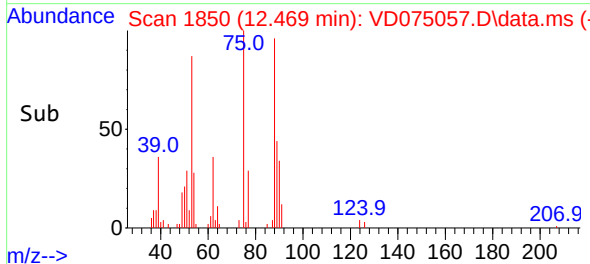
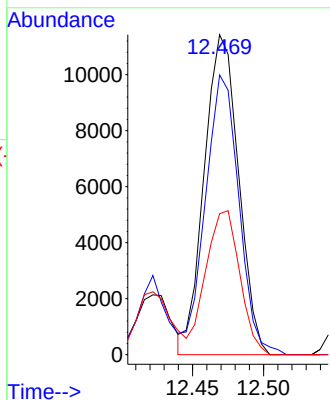
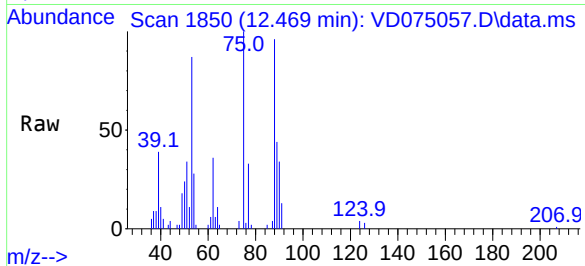




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.618 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VD075057.D
 Acq: 27 Dec 2022 17:12

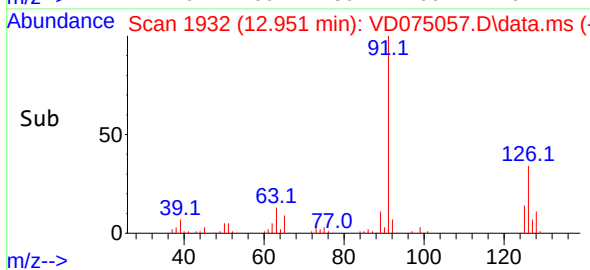
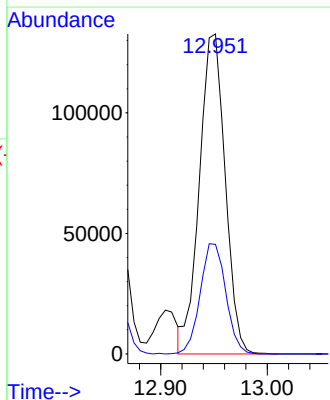
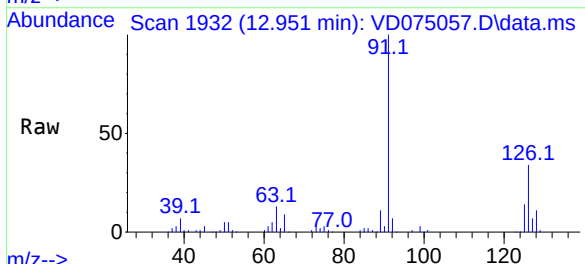
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

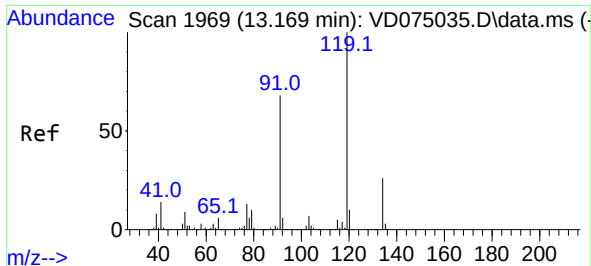
Tgt Ion: 75 Resp: 19210
 Ion Ratio Lower Upper
 75 100
 53 85.6 60.0 90.0
 89 44.5 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 50.785 ug/l
 RT: 12.951 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: VD075057.D
 Acq: 27 Dec 2022 17:12

Tgt Ion: 91 Resp: 223625
 Ion Ratio Lower Upper
 91 100
 126 34.3 18.1 54.1

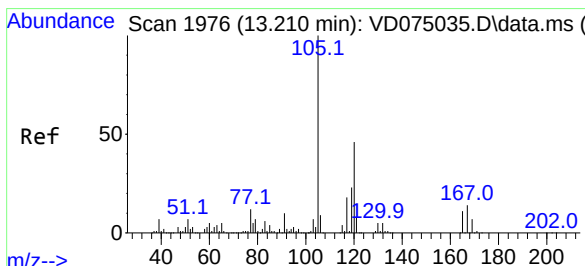
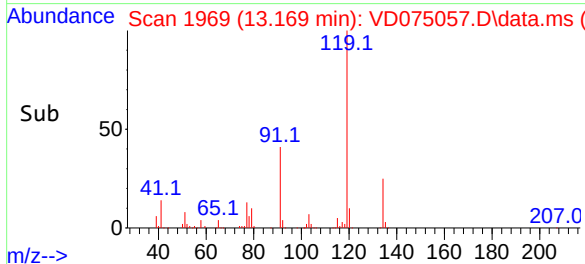
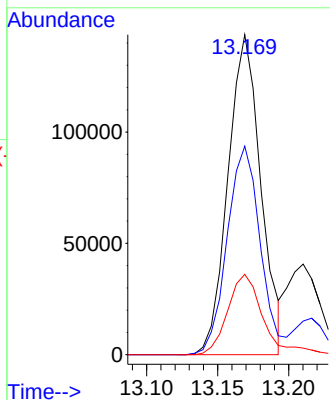
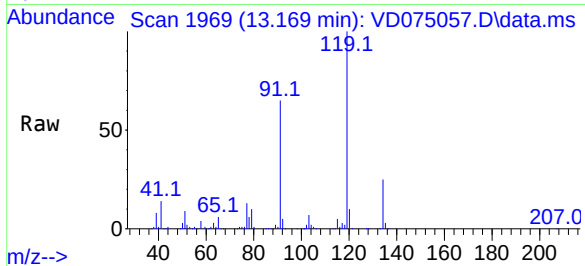




#83
tert-Butylbenzene
Concen: 50.280 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

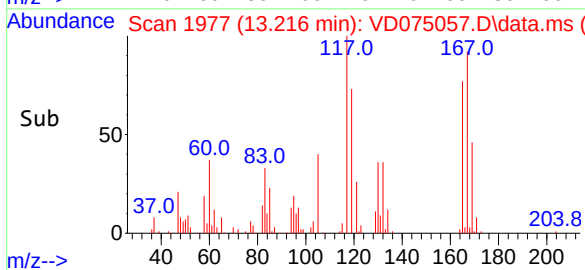
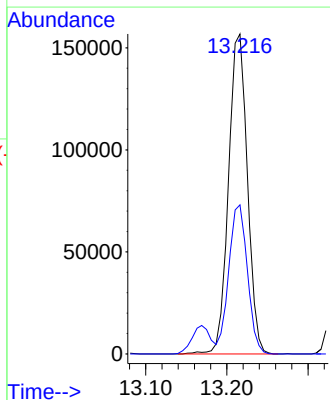
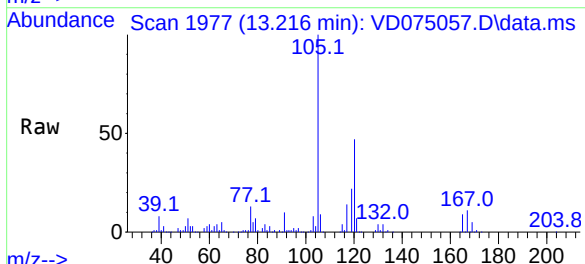
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

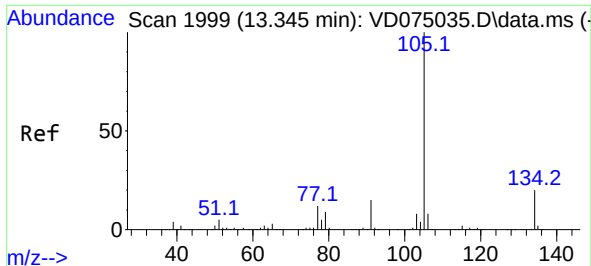
Tgt Ion:119 Resp: 231505
Ion Ratio Lower Upper
119 100
91 65.9 31.2 93.6
134 27.1 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 49.951 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:105 Resp: 252697
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.3

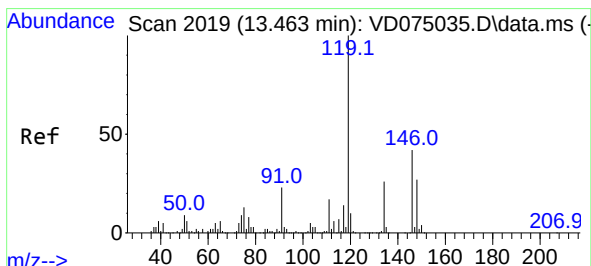
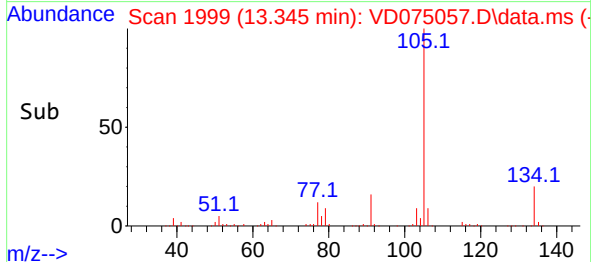
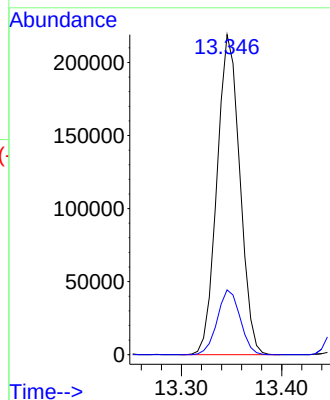
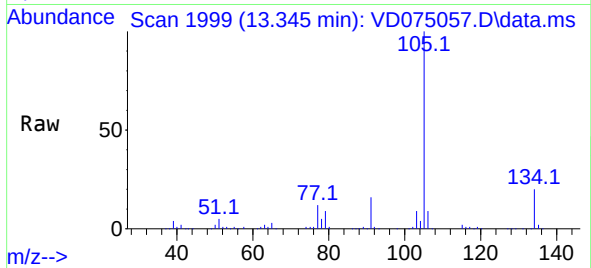




#85
 sec-Butylbenzene
 Concen: 48.912 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075057.D
 Acq: 27 Dec 2022 17:12

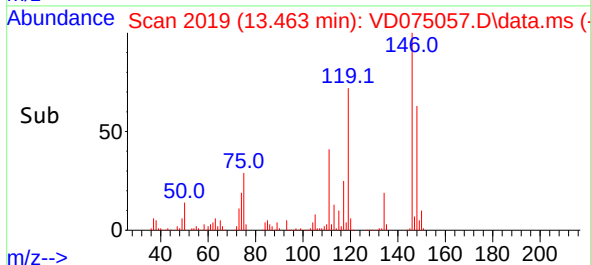
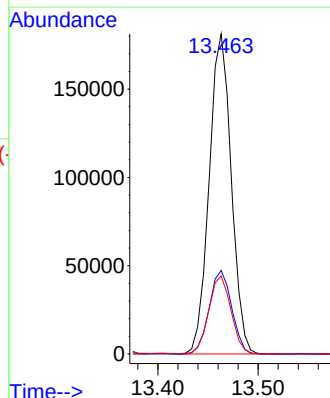
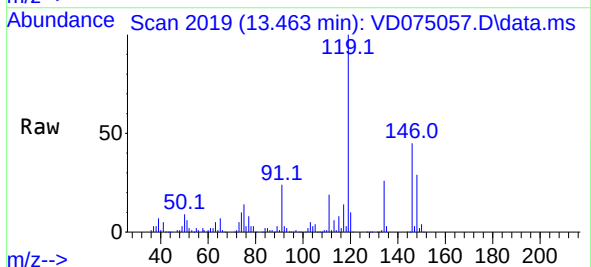
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

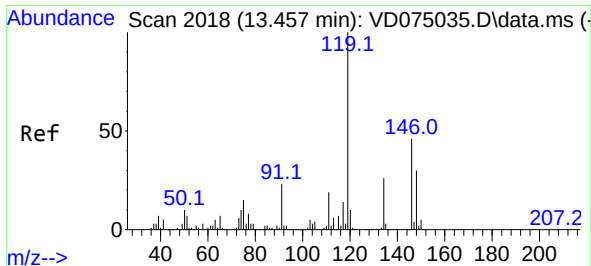
Tgt Ion:105 Resp: 345764
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.311 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075057.D
 Acq: 27 Dec 2022 17:12

Tgt Ion:119 Resp: 278086
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.4 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 51.473 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

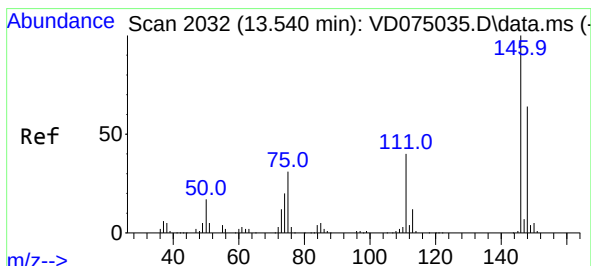
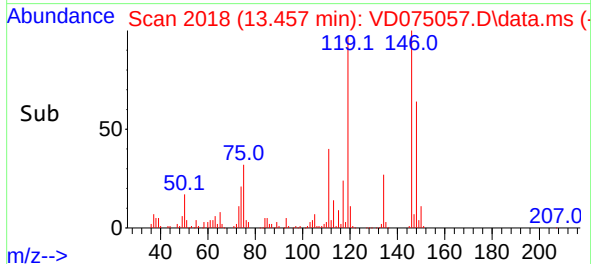
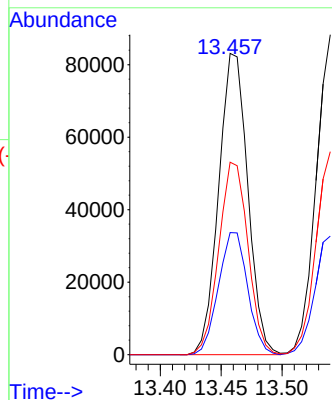
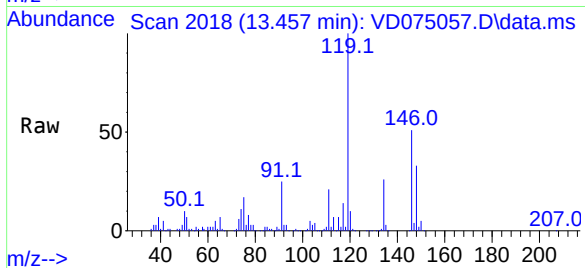
Tgt Ion:146 Resp: 138452

Ion Ratio Lower Upper

146 100

111 40.7 19.1 57.5

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.743 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

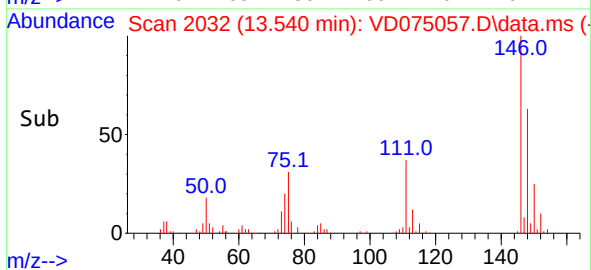
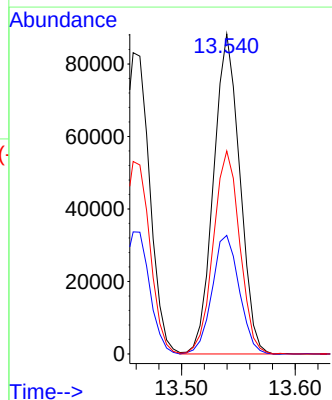
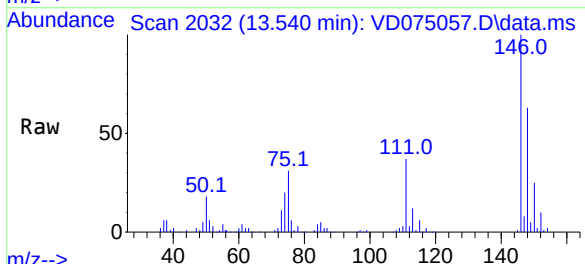
Tgt Ion:146 Resp: 141711

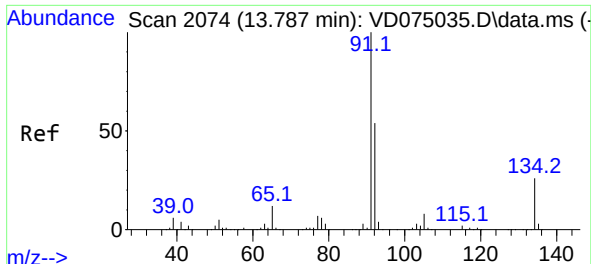
Ion Ratio Lower Upper

146 100

111 38.3 18.6 55.6

148 63.8 32.0 96.2

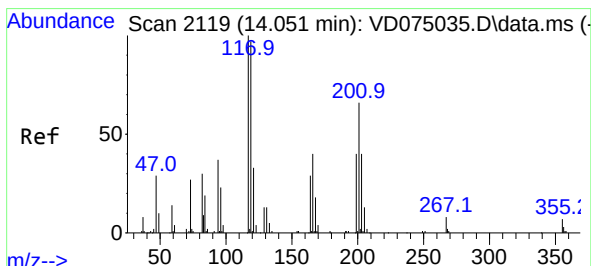
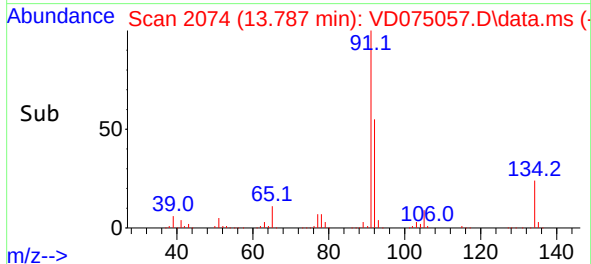
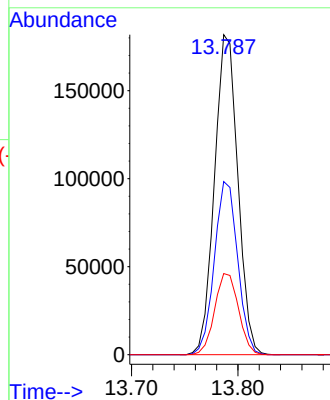
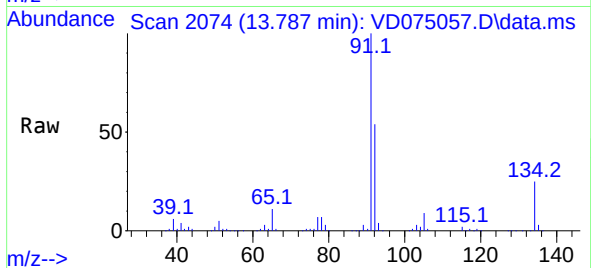




#89
n-Butylbenzene
Concen: 49.144 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

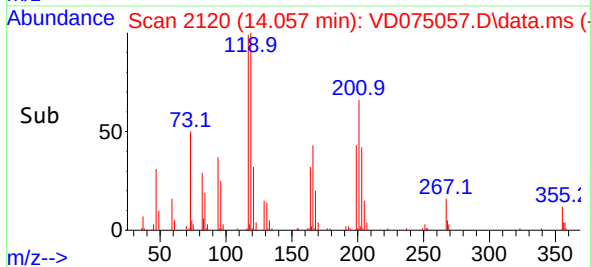
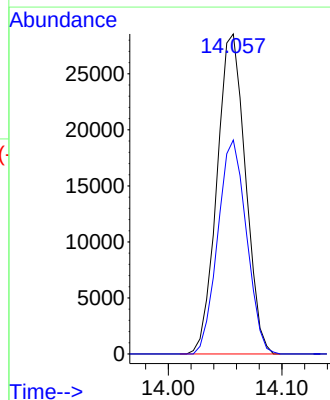
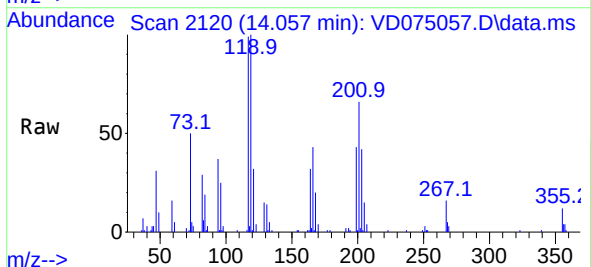
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

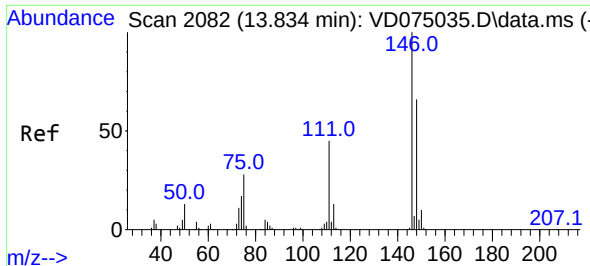
Tgt Ion: 91 Resp: 276801
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.3
134 25.9 13.3 39.8



#90
Hexachloroethane
Concen: 49.716 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion: 117 Resp: 49822
Ion Ratio Lower Upper
117 100
201 67.2 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 53.142 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

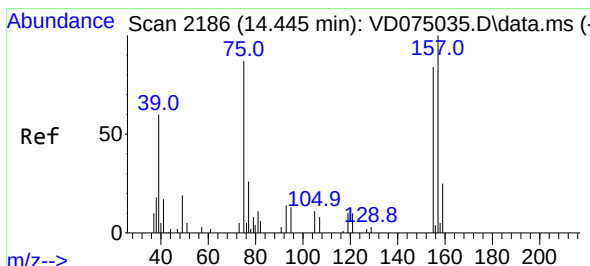
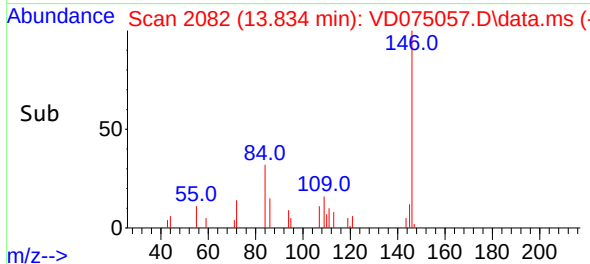
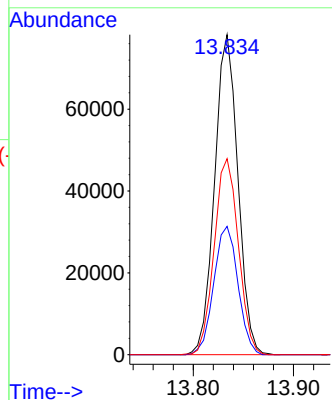
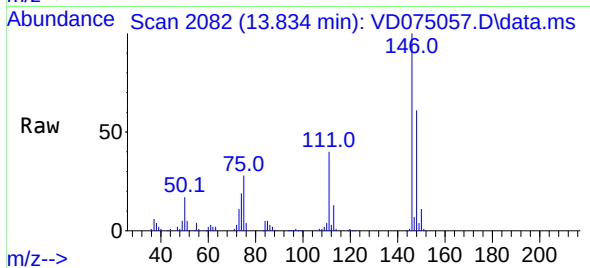
Tgt Ion:146 Resp: 126303

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.7

148 63.7 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.616 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075057.D

Acq: 27 Dec 2022 17:12

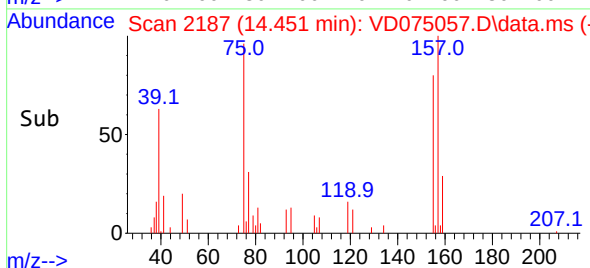
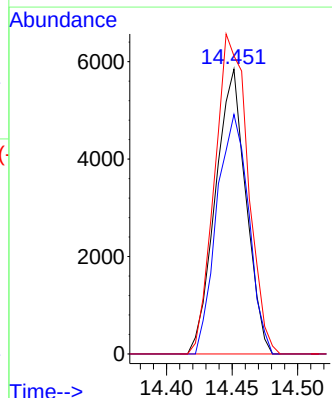
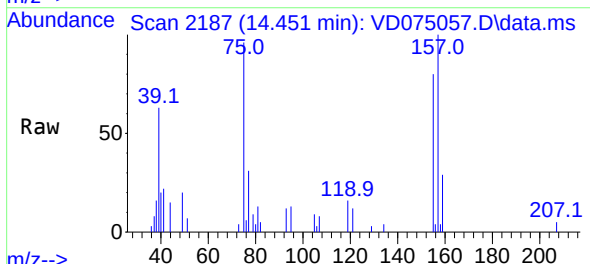
Tgt Ion: 75 Resp: 9475

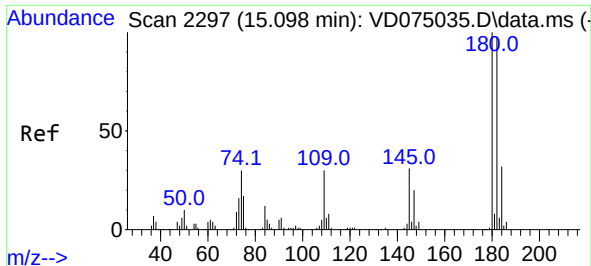
Ion Ratio Lower Upper

75 100

155 87.7 47.1 141.4

157 122.5 56.7 170.1

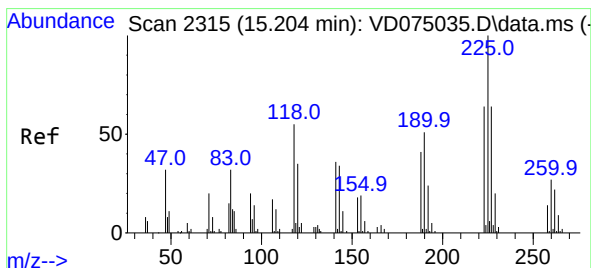
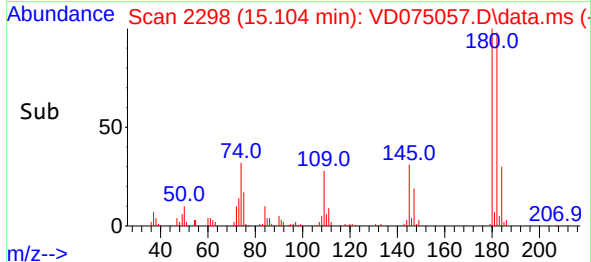
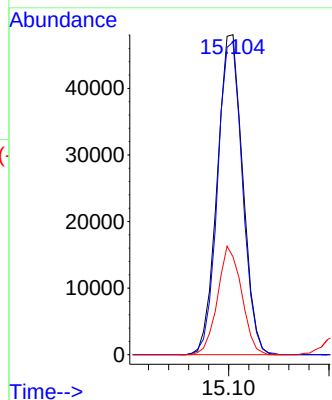
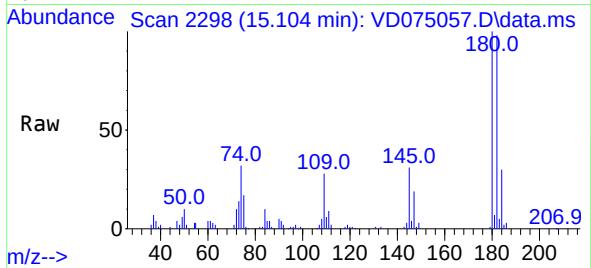




#93
1,2,4-Trichlorobenzene
Concen: 54.218 ug/l
RT: 15.104 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

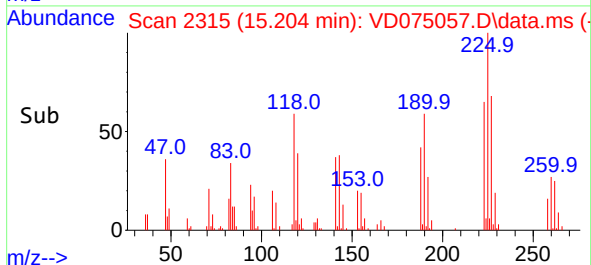
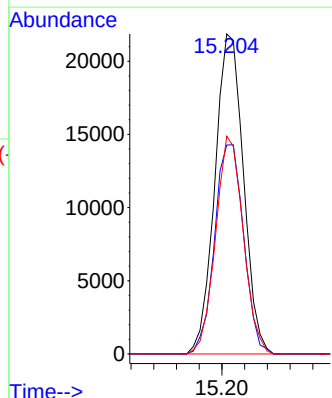
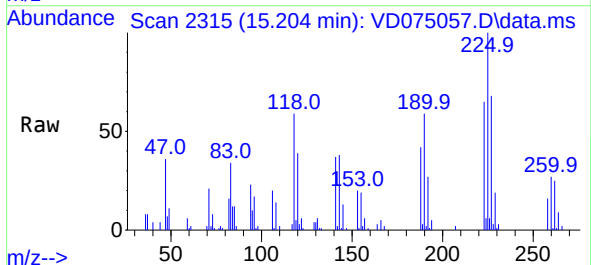
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

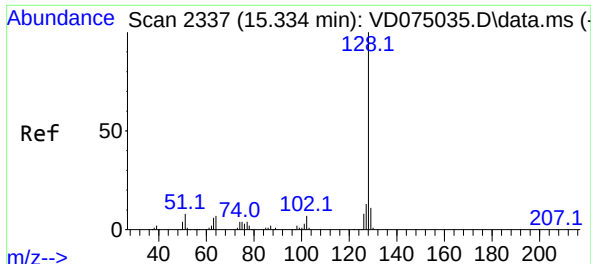
Tgt Ion:180 Resp: 84670
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.5
145 31.9 14.9 44.5



#94
Hexachlorobutadiene
Concen: 48.851 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:225 Resp: 38137
Ion Ratio Lower Upper
225 100
223 66.7 31.0 93.0
227 65.8 31.0 93.0



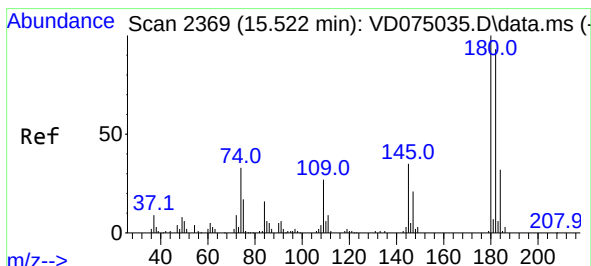
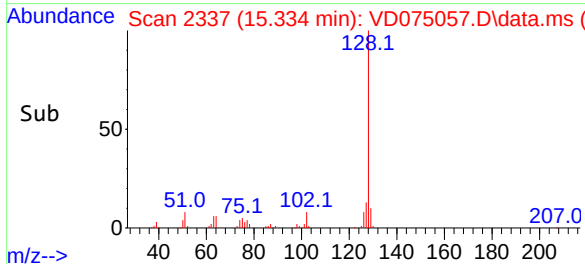
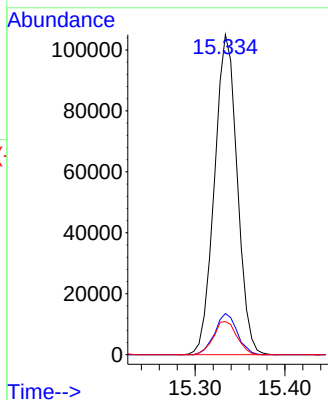
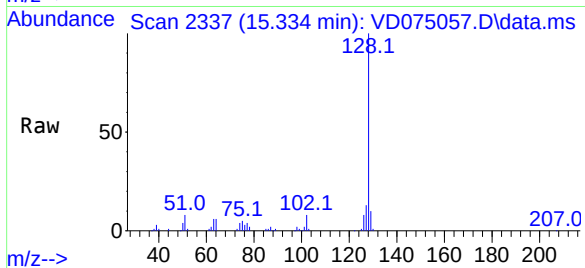


#95
Naphthalene
Concen: 56.717 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 184872

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.329 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075057.D
Acq: 27 Dec 2022 17:12

Tgt Ion:180 Resp: 74156

Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.3	138.9
145	33.3	15.3	45.9

