

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075657.D
 Acq On : 13 Apr 2023 13:10
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 13 14:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	230083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	386474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	371643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	181925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	300985	137.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 275.640%#	
35) Dibromofluoromethane	7.805	113	382554	147.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 294.340%#	
50) Toluene-d8	10.269	98	1487289	142.877	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 285.760%#	
62) 4-Bromofluorobenzene	12.575	95	424249	153.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 306.660%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	289956	135.629	ug/l	96
3) Chloromethane	2.146	50	484377	125.478	ug/l	97
4) Vinyl Chloride	2.281	62	664701	129.762	ug/l	98
5) Bromomethane	2.664	94	532566	133.156	ug/l	96
6) Chloroethane	2.822	64	447586	129.776	ug/l	96
7) Trichlorofluoromethane	3.164	101	527579	132.923	ug/l	100
8) Diethyl Ether	3.587	74	193360	156.526	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.958	101	338204	135.883	ug/l	94
10) Methyl Iodide	4.152	142	503745	147.886	ug/l	91
11) Tert butyl alcohol	5.058	59	84809	773.771	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	362756	140.762	ug/l	85
13) Acrolein	3.793	56	166546	753.317	ug/l	98
14) Allyl chloride	4.558	41	334266	142.422	ug/l #	80
15) Acrylonitrile	5.246	53	356073	771.735	ug/l	96
16) Acetone	4.017	43	286904	717.088	ug/l #	79
17) Carbon Disulfide	4.264	76	1125503	133.459	ug/l	98
18) Methyl Acetate	4.558	43	205801	152.535	ug/l #	71
19) Methyl tert-butyl Ether	5.316	73	808497	161.656	ug/l	95
20) Methylene Chloride	4.793	84	432201	148.765	ug/l #	72
21) trans-1,2-Dichloroethene	5.299	96	442899	144.303	ug/l #	73
22) Diisopropyl ether	6.211	45	779894	147.054	ug/l #	86
23) Vinyl Acetate	6.152	43	2062196	837.154	ug/l #	82
24) 1,1-Dichloroethane	6.105	63	608214	138.402	ug/l	94
25) 2-Butanone	7.075	43	399055	774.648	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	537441	134.897	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	512041	150.602	ug/l	77
28) Bromochloromethane	7.422	49	187723	135.136	ug/l #	37
29) Tetrahydrofuran	7.440	42	226837	805.212	ug/l #	51
30) Chloroform	7.593	83	685162	137.529	ug/l	97
31) Cyclohexane	7.869	56	444172	129.606	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	556136	136.903	ug/l	94
36) 1,1-Dichloropropene	8.005	75	491545	137.069	ug/l	91
37) Ethyl Acetate	7.163	43	165770	151.895	ug/l #	78
38) Carbon Tetrachloride	7.987	117	464660	147.140	ug/l	96
39) Methylcyclohexane	9.275	83	642938	155.045	ug/l #	86
40) Benzene	8.246	78	1599774	143.501	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	84267	160.903	ug/l #	64
42) 1,2-Dichloroethane	8.322	62	364128	143.800	ug/l	88
43) Isopropyl Acetate	8.357	43	315296	158.435	ug/l #	79
44) Trichloroethene	9.028	130	466547	147.872	ug/l	90
45) 1,2-Dichloropropane	9.304	63	358295	143.419	ug/l	93
46) Dibromomethane	9.393	93	238222	150.309	ug/l	92
47) Bromodichloromethane	9.581	83	529640	146.094	ug/l	98
48) Methyl methacrylate	9.381	41	150931	170.231	ug/l #	59
49) 1,4-Dioxane	9.387	88	51630	3283.454	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	839858	791.528	ug/l #	76
52) Toluene	10.334	92	1049405	141.563	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	522816	150.439	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	623335	150.959	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	327424	142.683	ug/l	94
56) Ethyl methacrylate	10.599	69	371378	164.448	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	509776	146.327	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	818747	844.176	ug/l #	83
59) 2-Hexanone	10.922	43	596438	799.459	ug/l	70
60) Dibromochloromethane	11.075	129	395516	147.293	ug/l	99
61) 1,2-Dibromoethane	11.181	107	320944	146.614	ug/l	97
64) Tetrachloroethene	10.810	164	373205	139.436	ug/l	98
65) Chlorobenzene	11.610	112	1181620	148.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	415822	151.951	ug/l	95
67) Ethyl Benzene	11.687	91	1977127	153.043	ug/l	94
68) m/p-Xylenes	11.793	106	1627257	307.354	ug/l	88
69) o-Xylene	12.122	106	773553	161.582	ug/l	91
70) Styrene	12.134	104	1310277	148.105	ug/l	94
71) Bromoform	12.298	173	239176	167.195	ug/l #	97
73) Isopropylbenzene	12.422	105	1841472	154.231	ug/l	96
74) N-amyl acetate	12.234	43	293654	167.373	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	344878	148.695	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	409349	322.859	ug/l #	100
77) Bromobenzene	12.704	156	492652	160.050	ug/l	85
78) n-propylbenzene	12.763	91	2167084	148.072	ug/l	95
79) 2-Chlorotoluene	12.851	91	1209216	145.673	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	1512269	151.931	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	108575	158.620	ug/l #	72
82) 4-Chlorotoluene	12.951	91	1236711	143.281	ug/l	90
83) tert-Butylbenzene	13.169	119	1304047	155.378	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	1542590	154.448	ug/l	93
85) sec-Butylbenzene	13.345	105	1931018	149.143	ug/l	96
86) p-Isopropyltoluene	13.463	119	1667209	154.676	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	961045	150.079	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	932272	147.363	ug/l	96
89) n-Butylbenzene	13.792	91	1487844	149.853	ug/l	96
90) Hexachloroethane	14.057	117	307770	143.711	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	834027	152.042	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	46577	149.802	ug/l	63
93) 1,2,4-Trichlorobenzene	15.104	180	519417	162.759	ug/l	98
94) Hexachlorobutadiene	15.204	225	227869	149.389	ug/l	96
95) Naphthalene	15.334	128	1088717	180.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	459310	163.518	ug/l	99

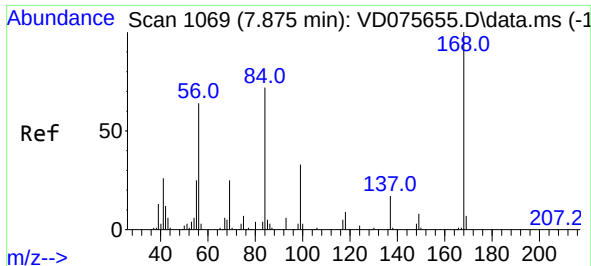
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:07:05 2023
Response via : Initial Calibration

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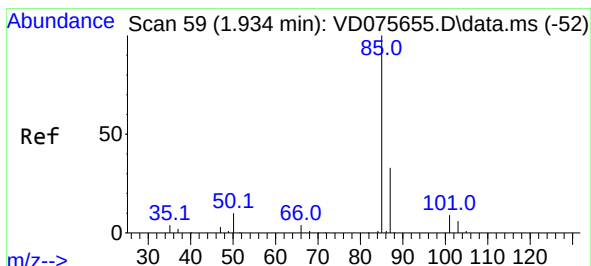
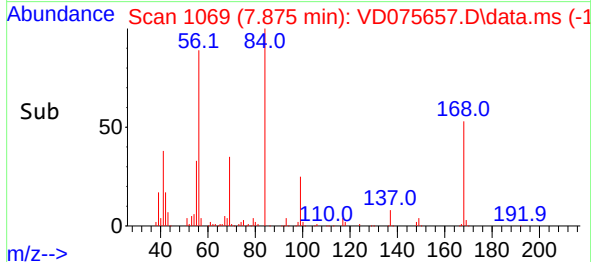
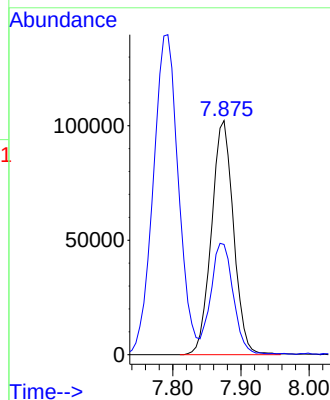
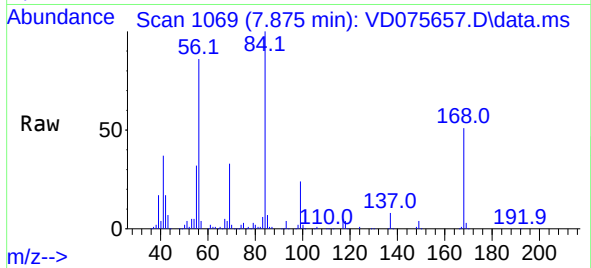
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

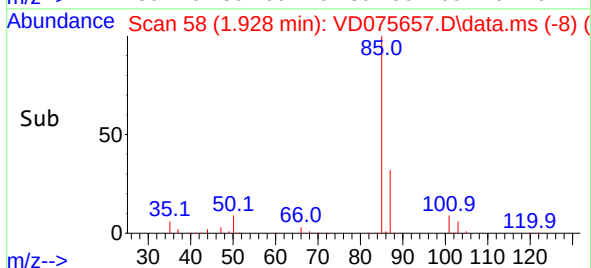
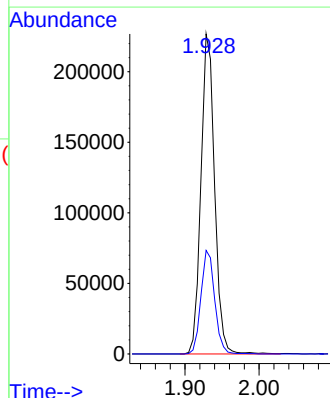
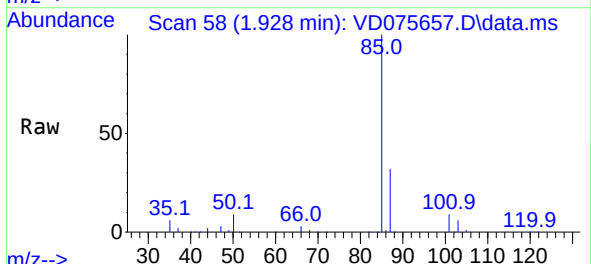
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 230083
Ion Ratio Lower Upper
168 100
99 46.7 43.8 65.6

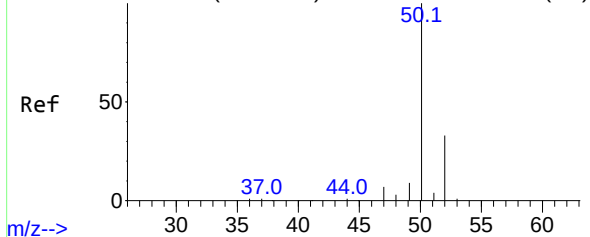


#2
Dichlorodifluoromethane
Concen: 135.629 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 85 Resp: 289956
Ion Ratio Lower Upper
85 100
87 32.3 17.3 51.7



Abundance Scan 95 (2.146 min): VD075655.D\data.ms (-89)



#3

Chloromethane

Concen: 125.478 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

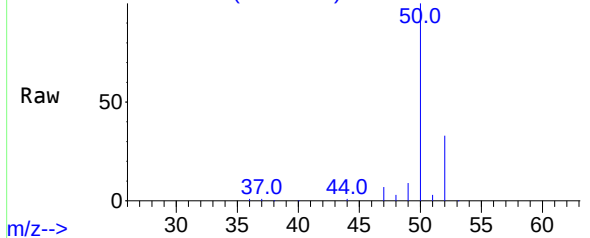
Tgt Ion: 50 Resp: 484377

Ion Ratio Lower Upper

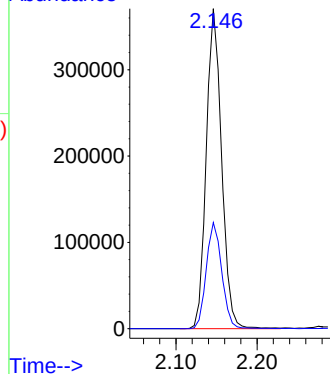
50 100

52 33.1 27.8 41.8

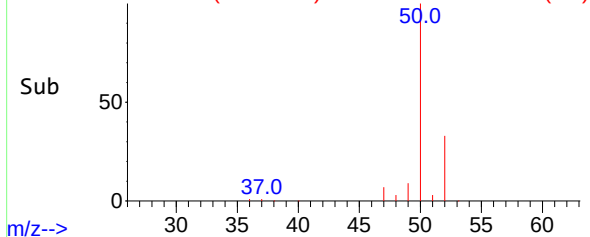
Abundance Scan 95 (2.146 min): VD075657.D\data.ms



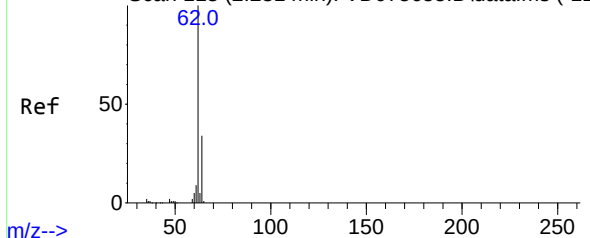
Abundance



Abundance Scan 95 (2.146 min): VD075657.D\data.ms (-44)



Abundance Scan 118 (2.281 min): VD075655.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 129.762 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

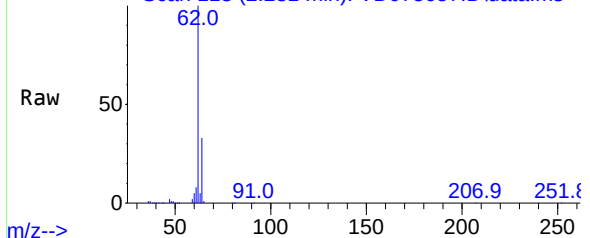
Tgt Ion: 62 Resp: 664701

Ion Ratio Lower Upper

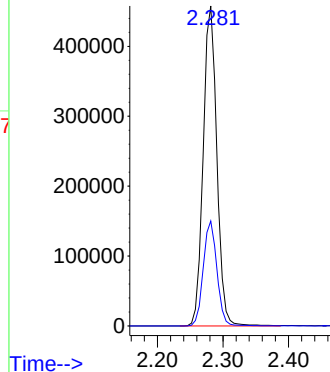
62 100

64 32.8 25.4 38.0

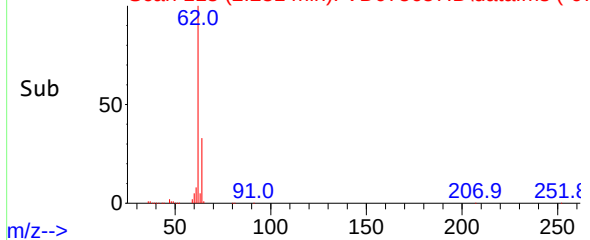
Abundance Scan 118 (2.281 min): VD075657.D\data.ms

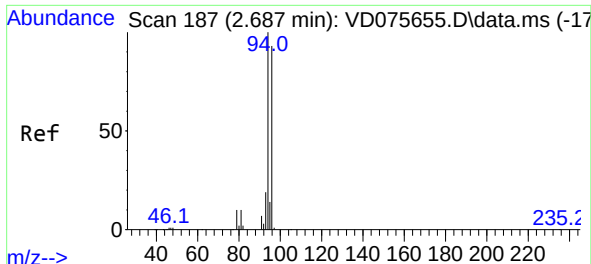


Abundance



Abundance Scan 118 (2.281 min): VD075657.D\data.ms (-67)

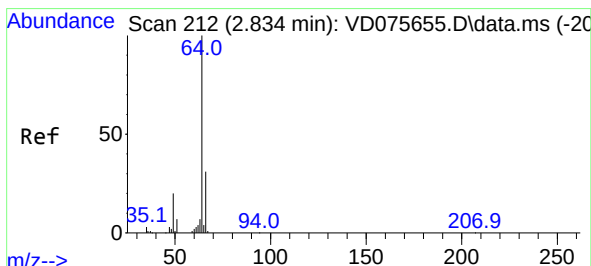
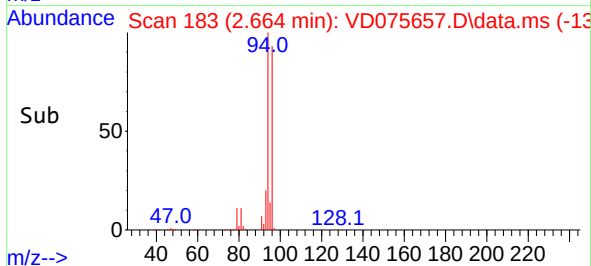
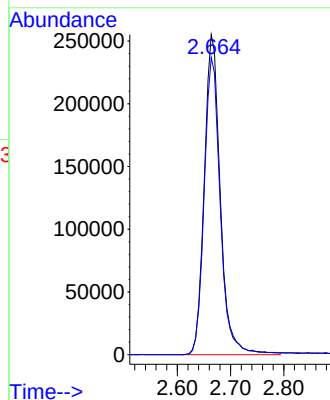
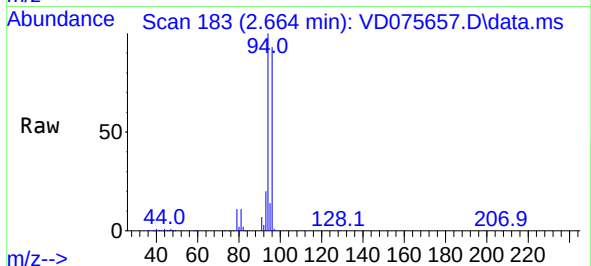




#5
Bromomethane
Concen: 133.156 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

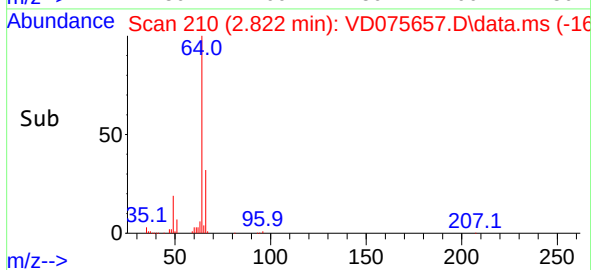
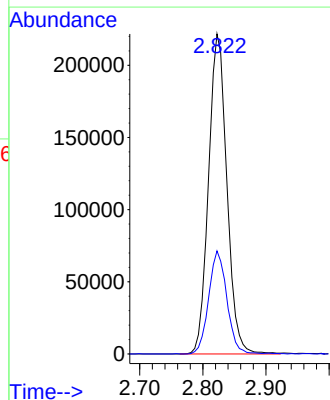
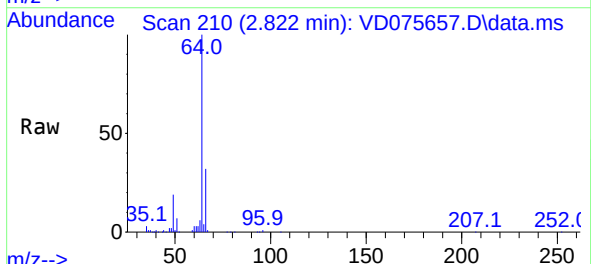
Instrument :
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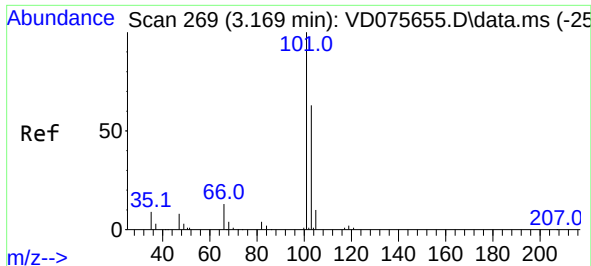
Tgt Ion: 94 Resp: 532566
Ion Ratio Lower Upper
94 100
96 92.8 77.5 116.3



#6
Chloroethane
Concen: 129.776 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 64 Resp: 447586
Ion Ratio Lower Upper
64 100
66 32.2 27.7 41.5

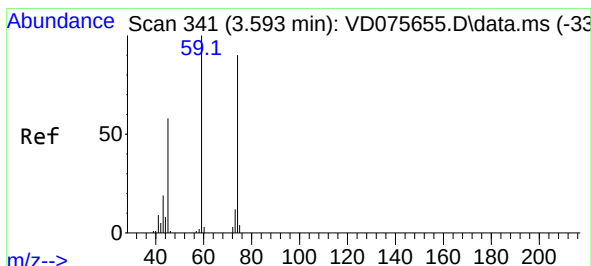
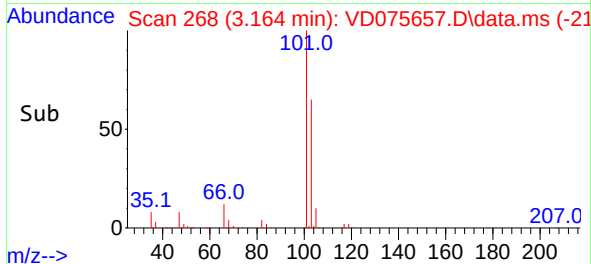
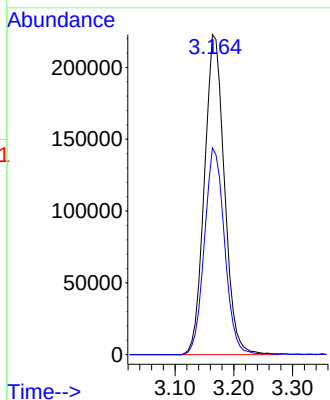
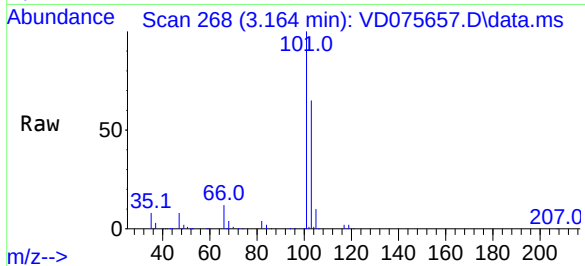




#7
Trichlorofluoromethane
Concen: 132.923 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.005 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

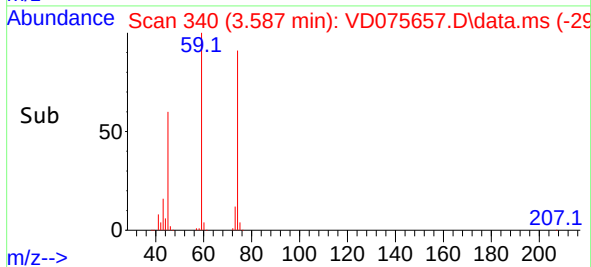
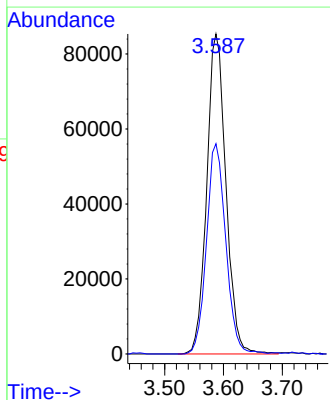
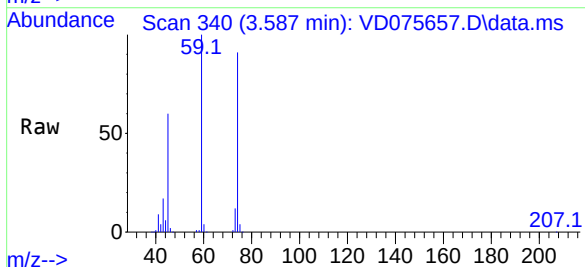
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

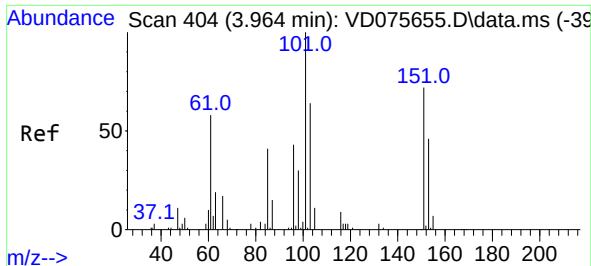
Tgt Ion:101 Resp: 527579
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9



#8
Diethyl Ether
Concen: 156.526 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 74 Resp: 193360
Ion Ratio Lower Upper
74 100
45 66.1 50.9 152.7

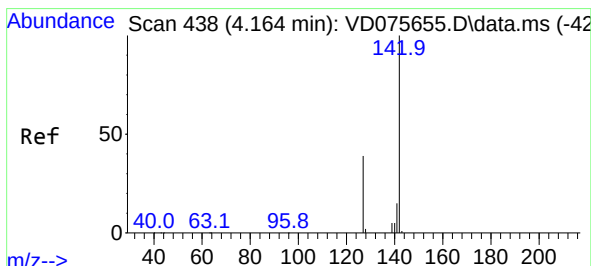
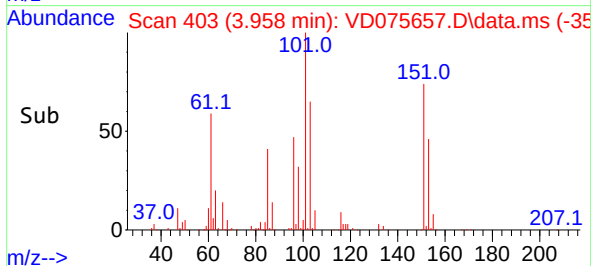
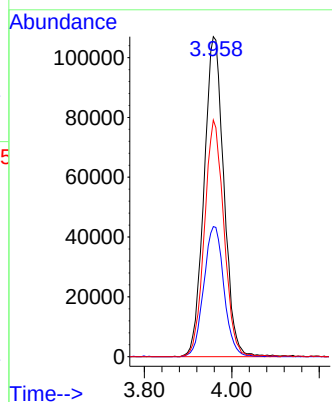
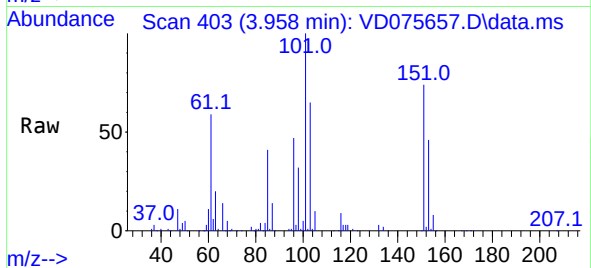




#9
1,1,2-Trichlorotrifluoroethane
Concen: 135.883 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

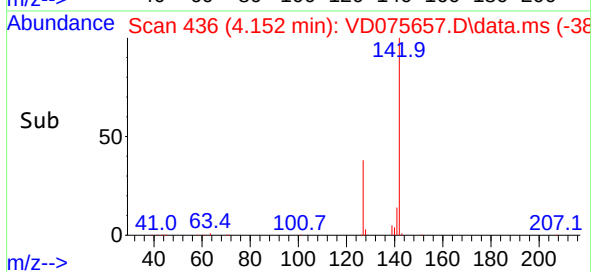
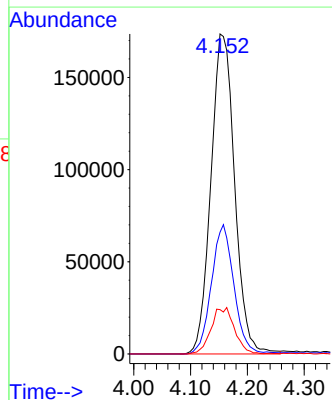
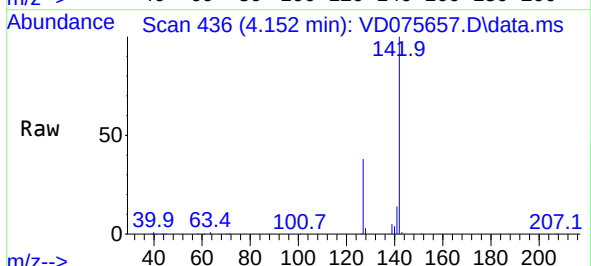
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

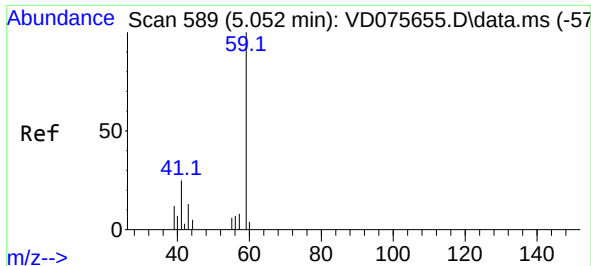
Tgt Ion:101 Resp: 338204
Ion Ratio Lower Upper
101 100
85 41.2 38.3 57.5
151 72.3 60.4 90.6



#10
Methyl Iodide
Concen: 147.886 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.012 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:142 Resp: 503745
Ion Ratio Lower Upper
142 100
127 38.4 37.1 55.7
141 14.3 11.3 16.9

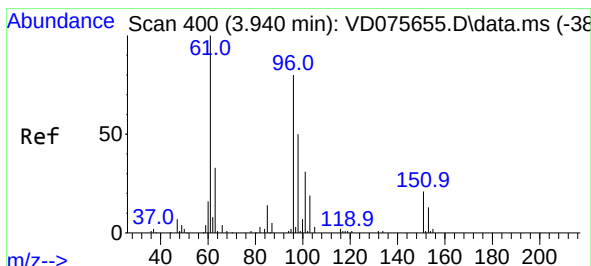
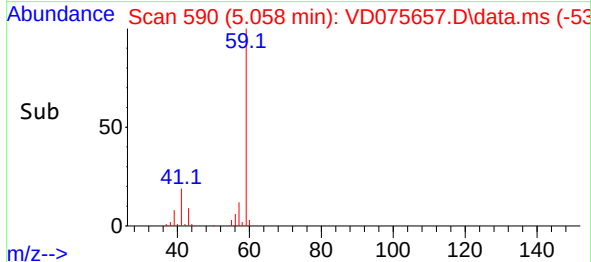
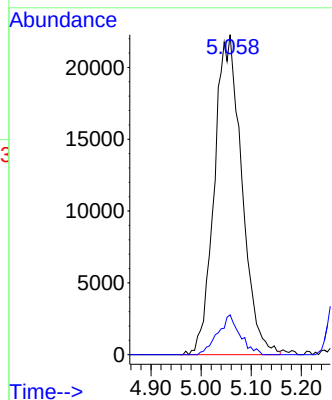
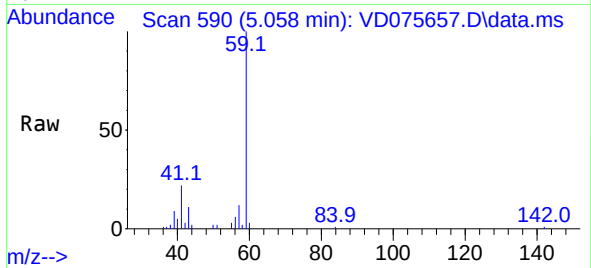




#11
Tert butyl alcohol
Concen: 773.771 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

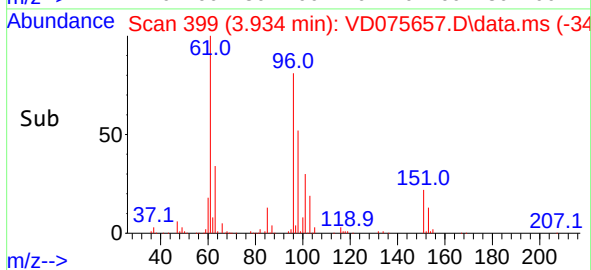
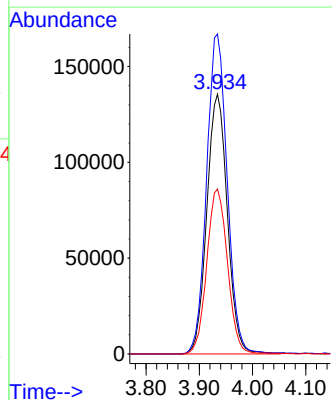
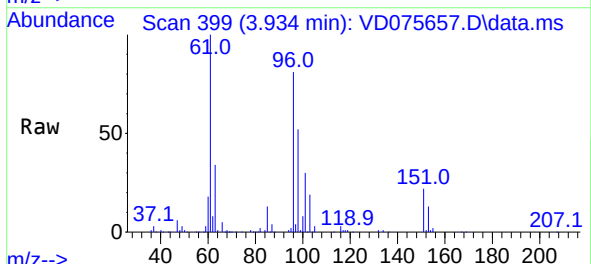
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

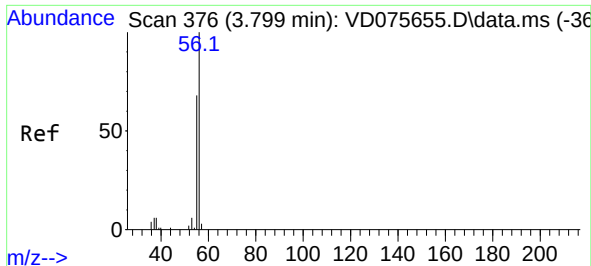
Tgt Ion: 59 Resp: 84809
Ion Ratio Lower Upper
59 100
57 10.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 140.762 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 96 Resp: 362756
Ion Ratio Lower Upper
96 100
61 123.2 118.6 177.8
98 63.5 49.7 74.5

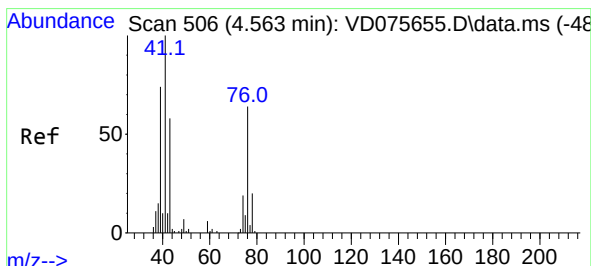
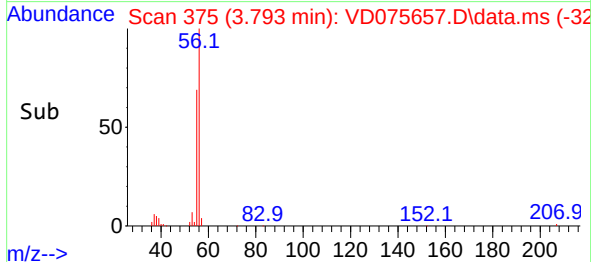
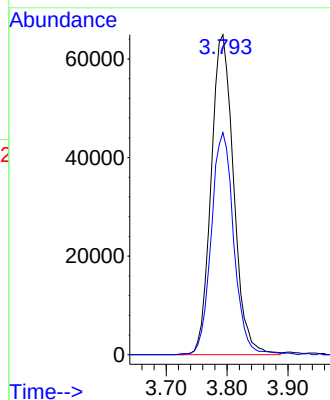
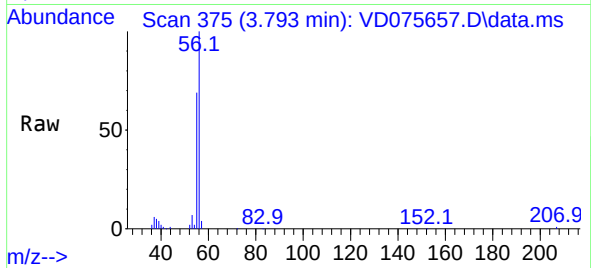




#13
Acrolein
Concen: 753.317 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

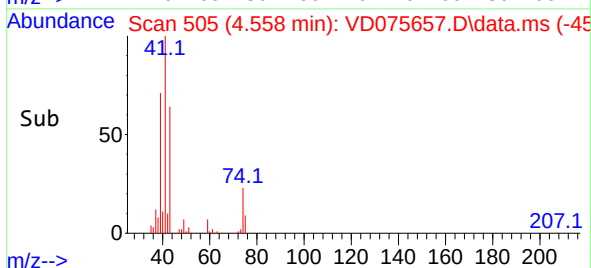
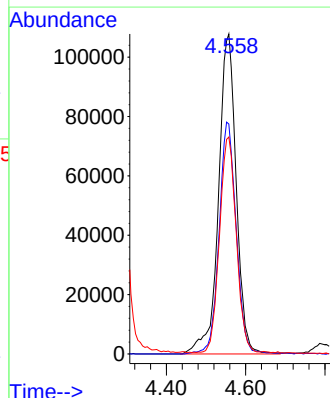
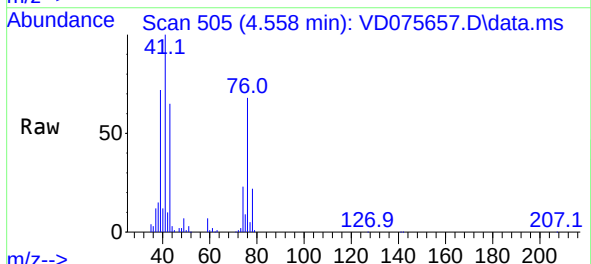
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

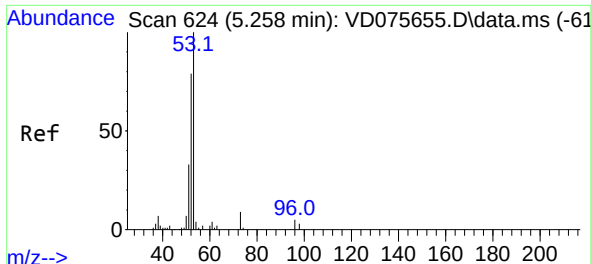
Tgt Ion: 56 Resp: 166546
Ion Ratio Lower Upper
56 100
55 69.4 53.9 80.9



#14
Allyl chloride
Concen: 142.422 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 41 Resp: 334266
Ion Ratio Lower Upper
41 100
39 70.0 60.6 90.8
76 63.4 28.6 43.0#





#15

Acrylonitrile

Concen: 771.735 ug/l

RT: 5.246 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

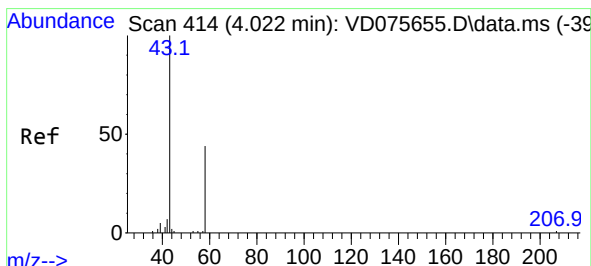
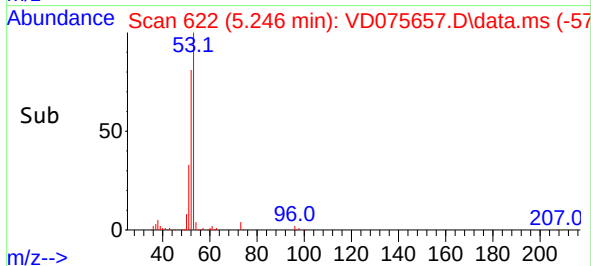
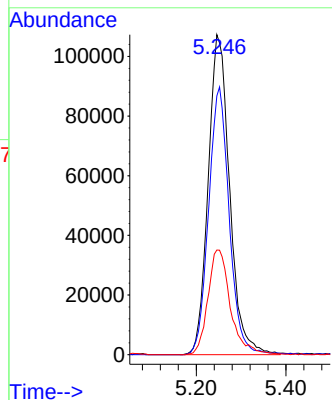
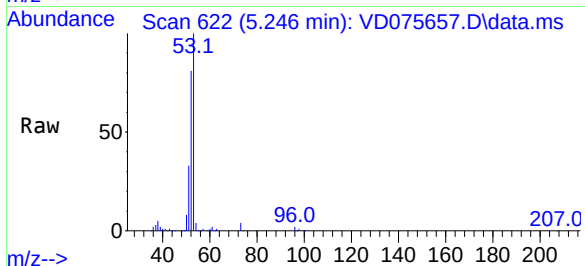
Tgt Ion: 53 Resp: 356073

Ion Ratio Lower Upper

53 100

52 80.5 66.2 99.4

51 34.5 30.7 46.1



#16

Acetone

Concen: 717.088 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.005 min

Lab File: VD075657.D

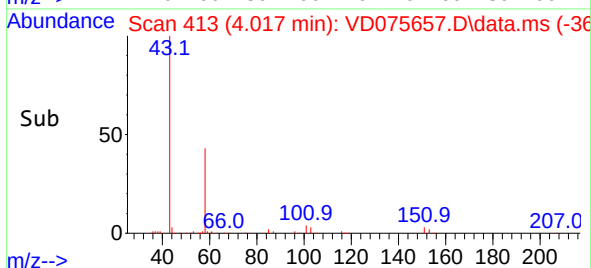
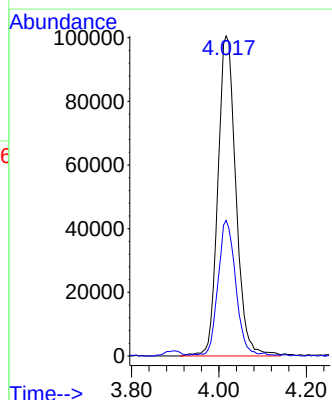
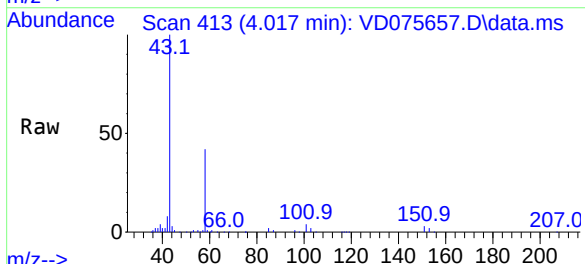
Acq: 13 Apr 2023 13:10

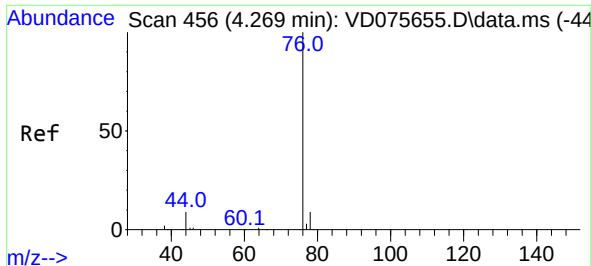
Tgt Ion: 43 Resp: 286904

Ion Ratio Lower Upper

43 100

58 42.1 24.4 36.6#

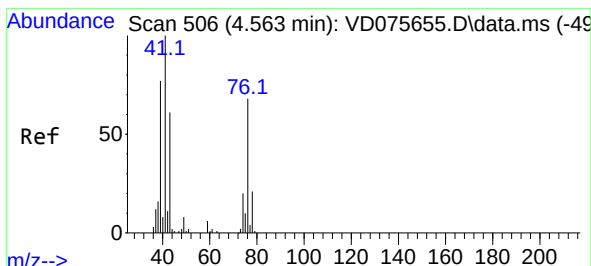
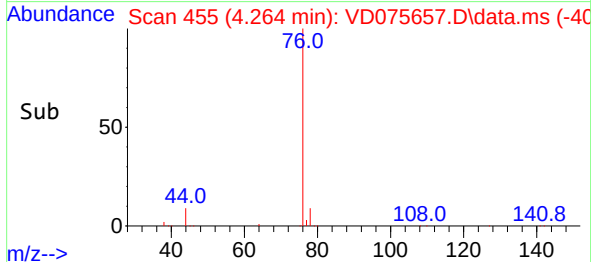
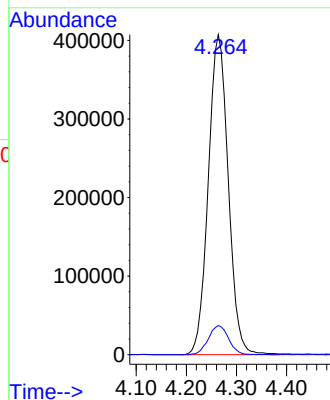
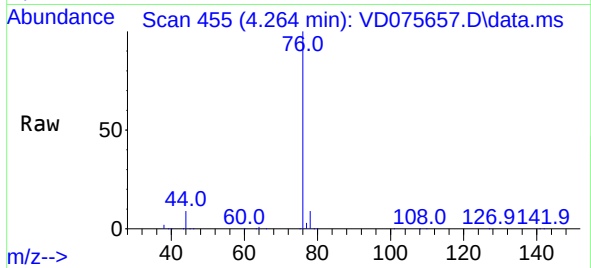




#17
Carbon Disulfide
Concen: 133.459 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.005 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

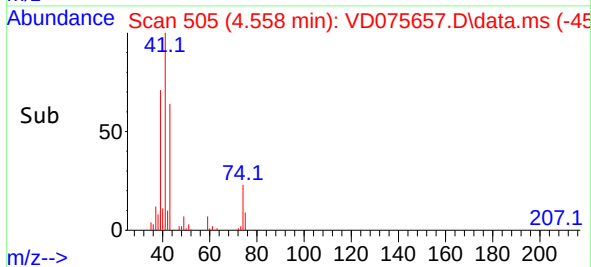
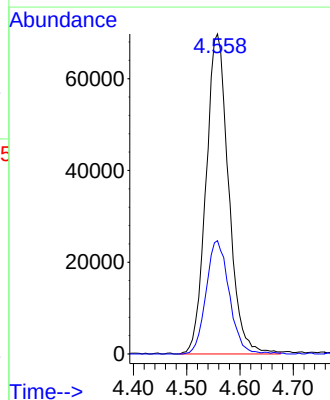
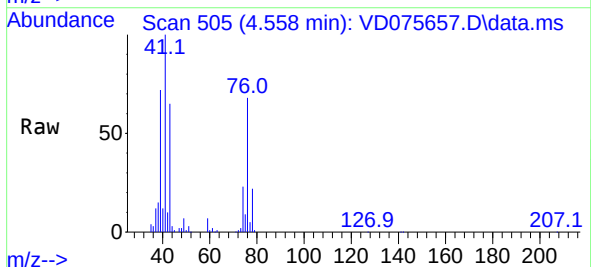
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

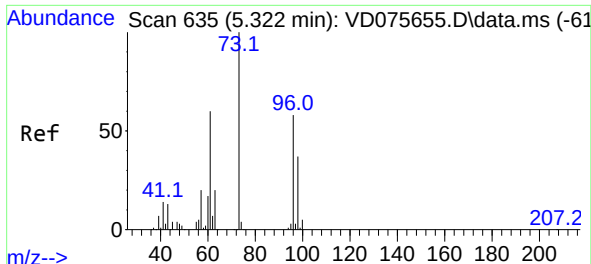
Tgt Ion: 76 Resp: 1125503
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 152.535 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 43 Resp: 205801
Ion Ratio Lower Upper
43 100
74 36.0 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 161.656 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

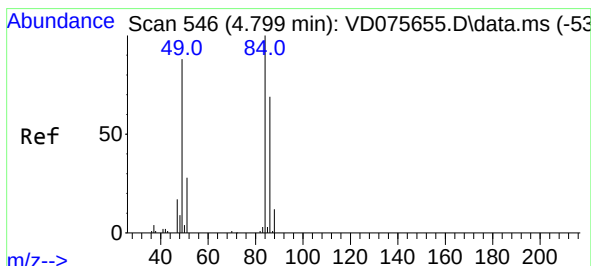
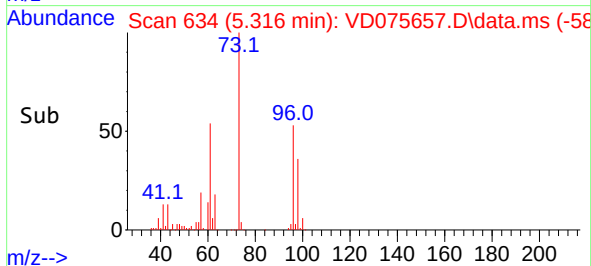
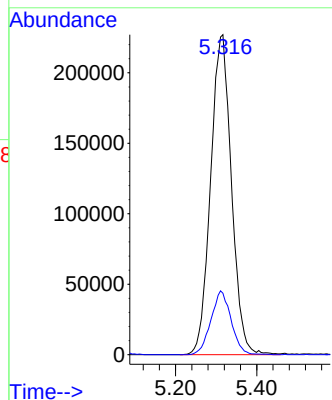
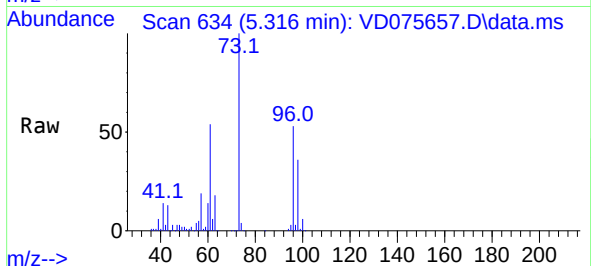
VSTDICC150

Tgt Ion: 73 Resp: 808497

Ion Ratio Lower Upper

73 100

57 19.2 17.2 25.8



#20

Methylene Chloride

Concen: 148.765 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Tgt Ion: 84 Resp: 432201

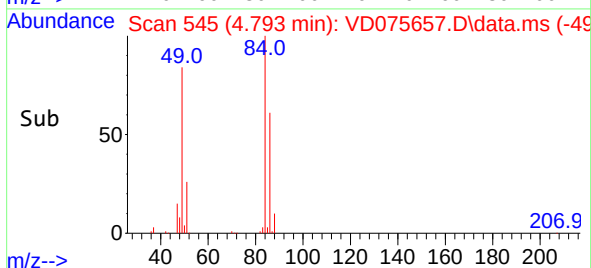
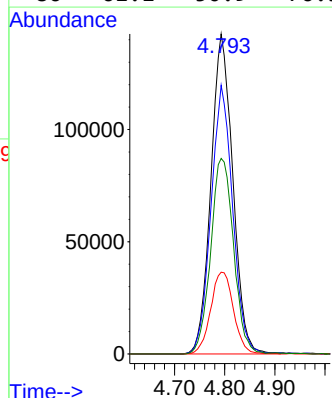
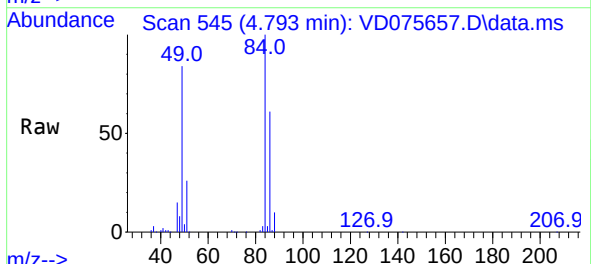
Ion Ratio Lower Upper

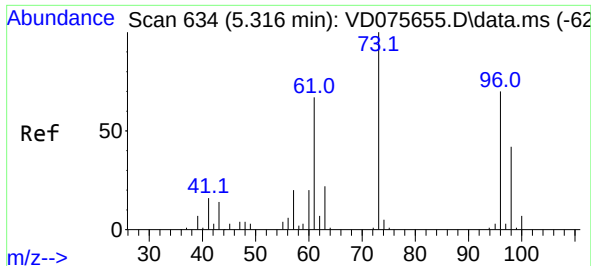
84 100

49 84.0 106.4 159.6#

51 25.5 32.4 48.6#

86 61.1 50.9 76.3

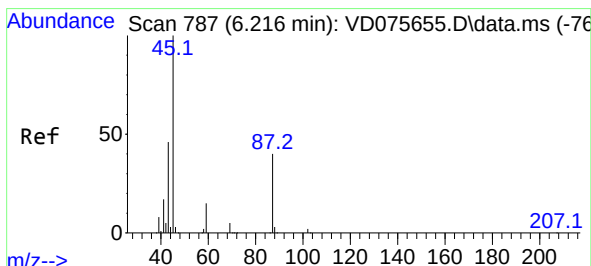
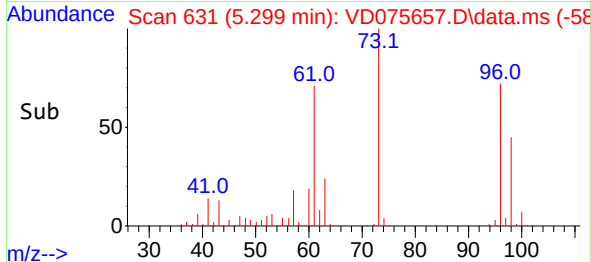
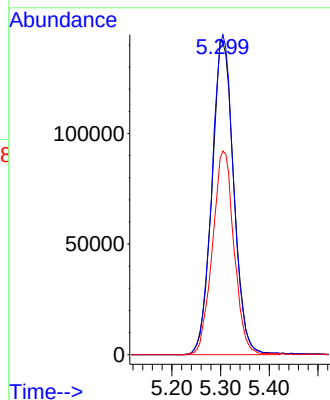
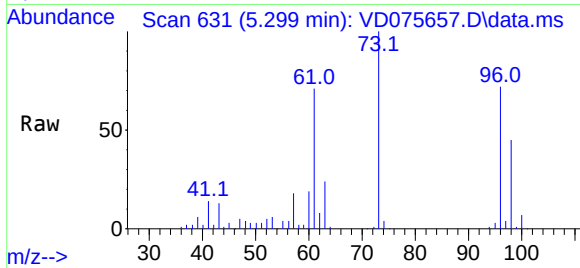




#21
trans-1,2-Dichloroethene
Concen: 144.303 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.017 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

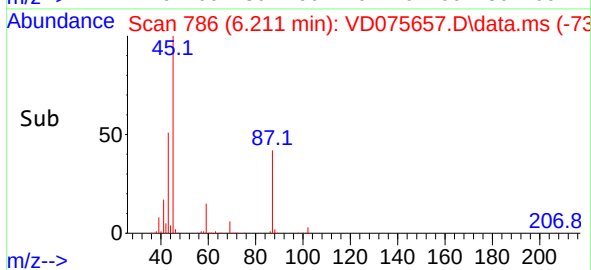
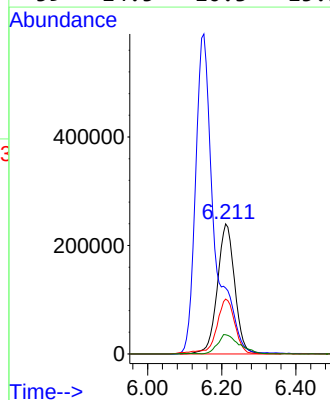
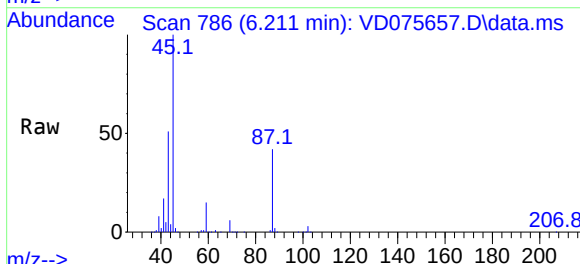
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

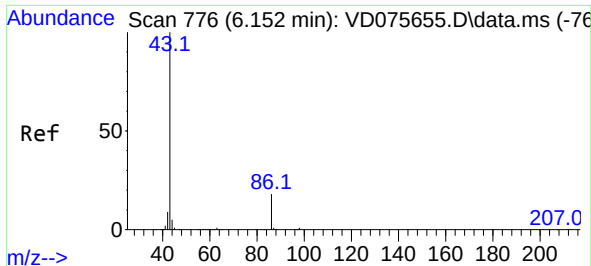
Tgt Ion: 96 Resp: 442899
Ion Ratio Lower Upper
96 100
61 98.5 117.2 175.8#
98 62.4 50.6 76.0



#22
Diisopropyl ether
Concen: 147.054 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 45 Resp: 779894
Ion Ratio Lower Upper
45 100
43 50.1 44.4 66.6
87 42.1 20.9 31.3#
59 14.5 10.3 15.5

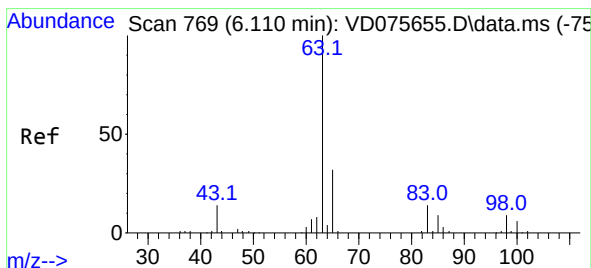
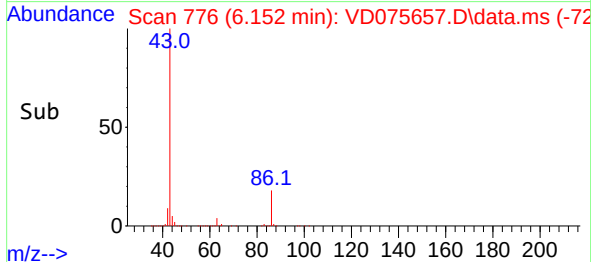
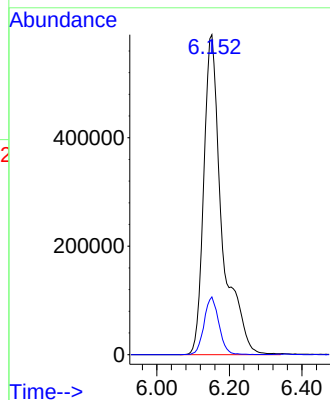
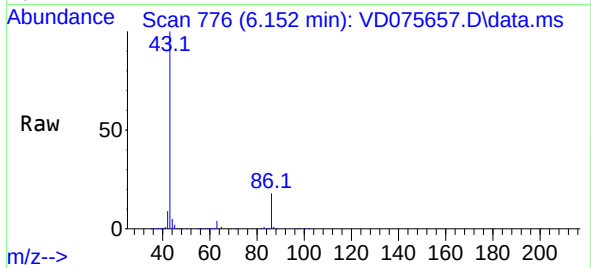




#23
 Vinyl Acetate
 Concen: 837.154 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

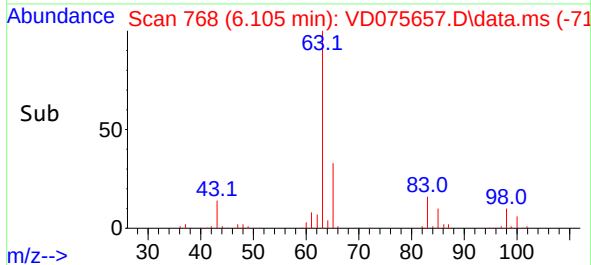
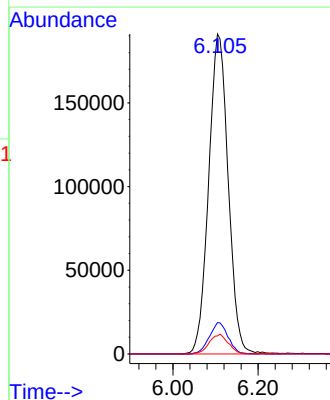
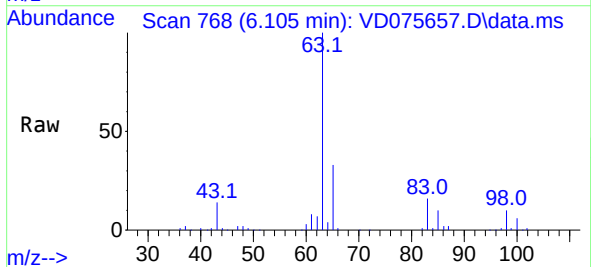
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

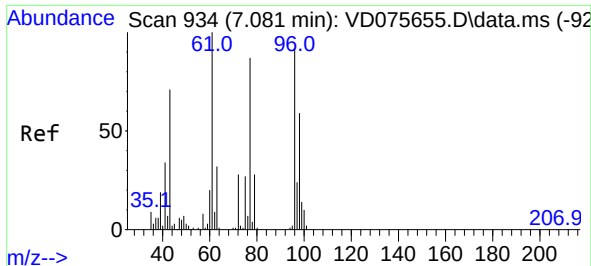
Tgt Ion: 43 Resp: 2062196
 Ion Ratio Lower Upper
 43 100
 86 18.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 138.402 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.005 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

Tgt Ion: 63 Resp: 608214
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.9 11.7
 100 5.7 2.0 6.0

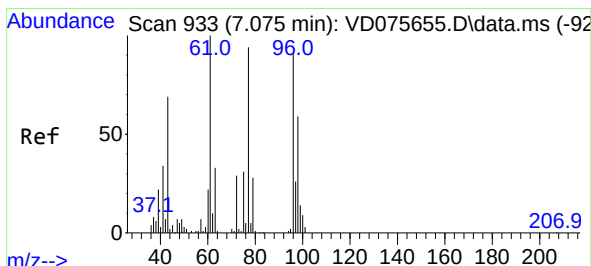
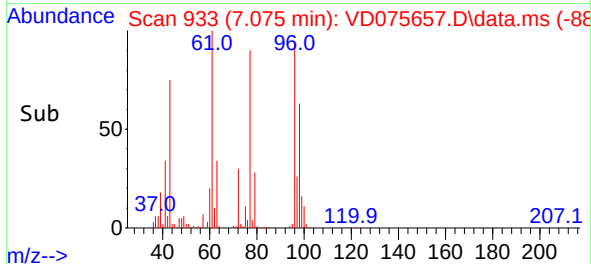
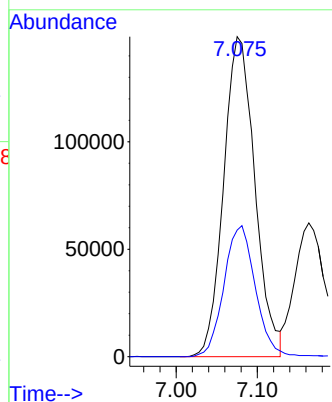
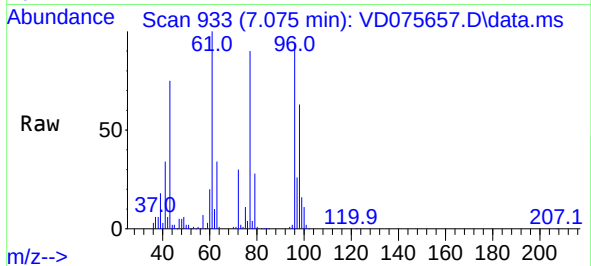




#25
2-Butanone
Concen: 774.648 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

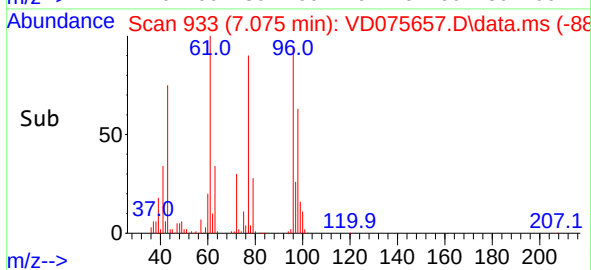
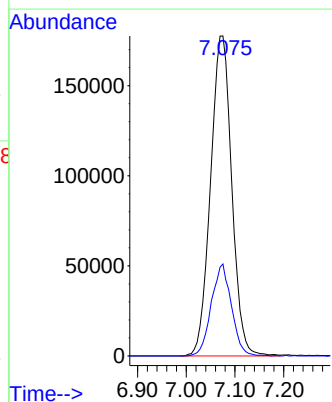
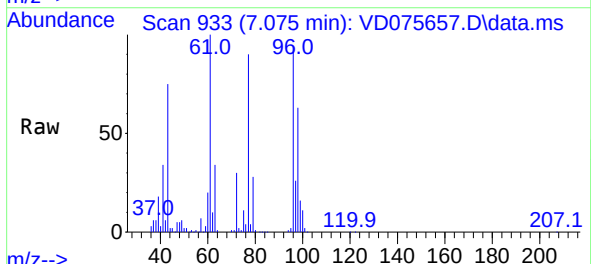
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

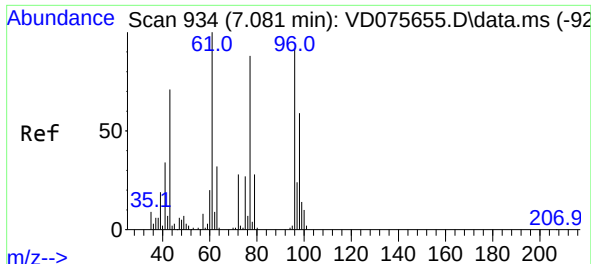
Tgt Ion: 43 Resp: 399055
Ion Ratio Lower Upper
43 100
72 39.5 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 134.897 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 77 Resp: 537441
Ion Ratio Lower Upper
77 100
97 27.2 11.1 33.1



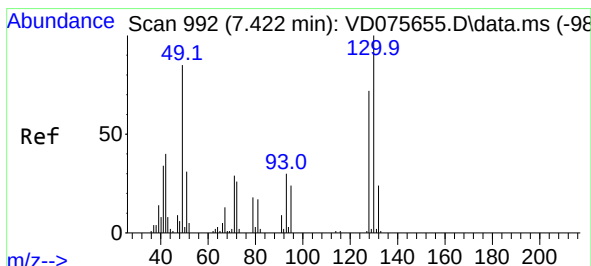
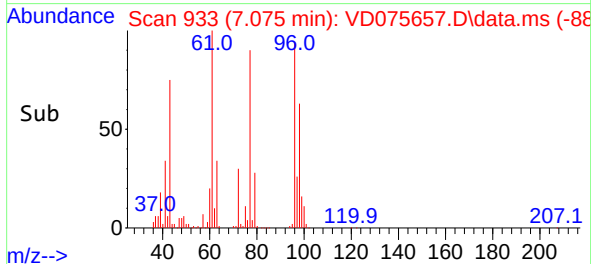
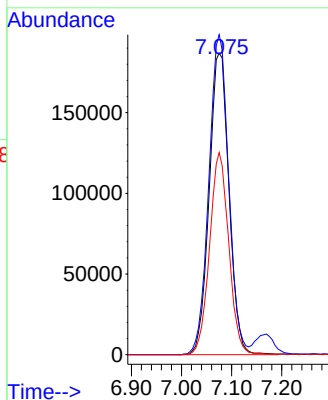
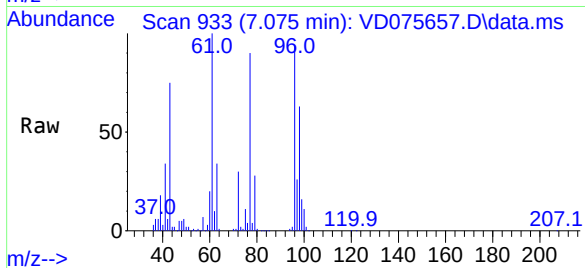


#27
 cis-1,2-Dichloroethene
 Concen: 150.602 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 512041

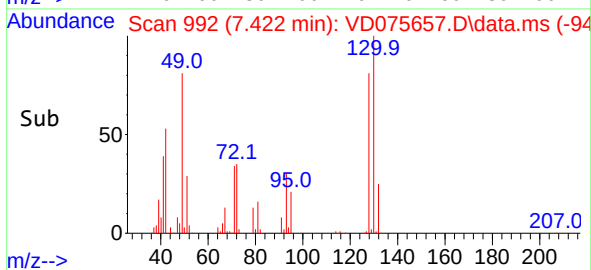
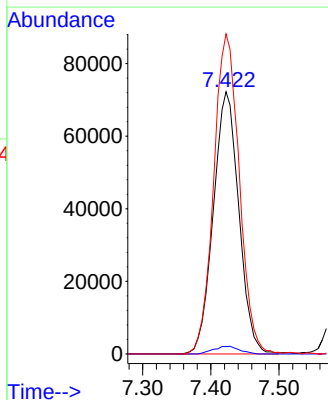
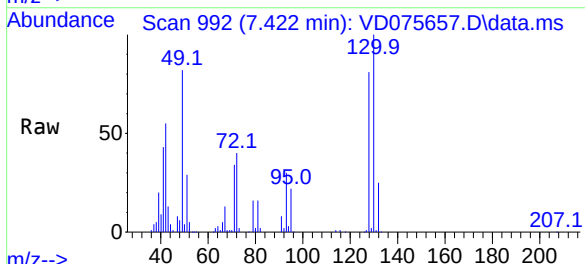
Ion	Ratio	Lower	Upper
96	100		
61	106.5	0.0	295.2
98	65.0	0.0	129.2

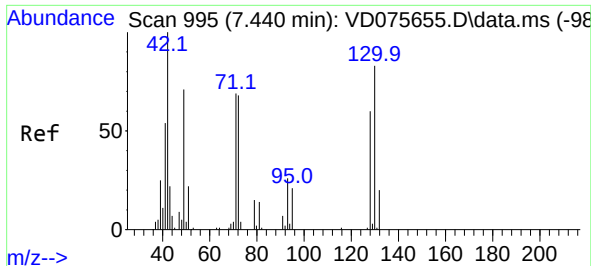


#28
 Bromochloromethane
 Concen: 135.136 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

Tgt Ion: 49 Resp: 187723

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	2.2#
130	122.6	56.0	84.0#





#29

Tetrahydrofuran

Concen: 805.212 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

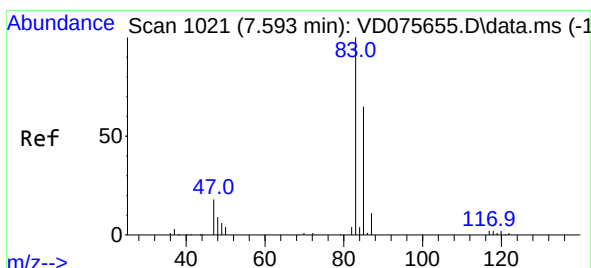
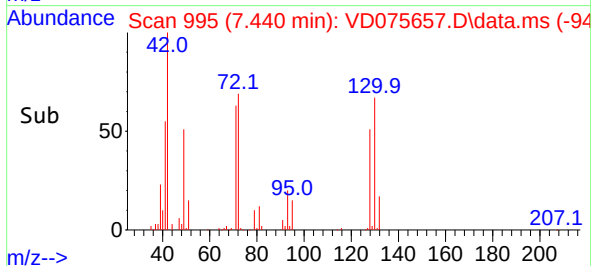
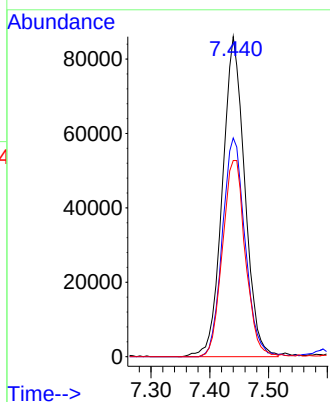
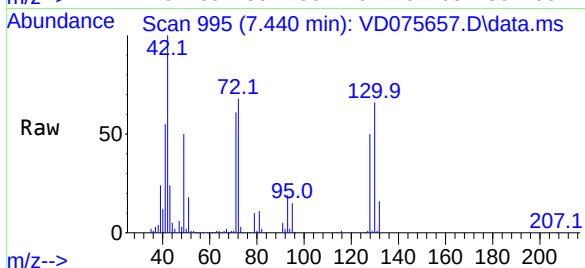
Tgt Ion: 42 Resp: 226837

Ion Ratio Lower Upper

42 100

72 69.4 31.8 47.6#

71 62.9 27.6 41.4#



#30

Chloroform

Concen: 137.529 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075657.D

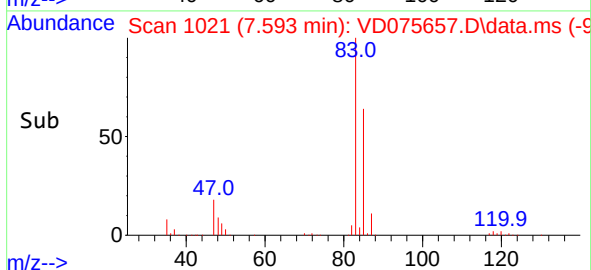
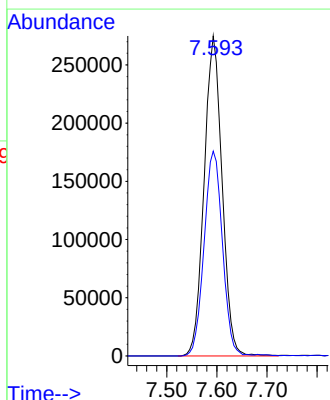
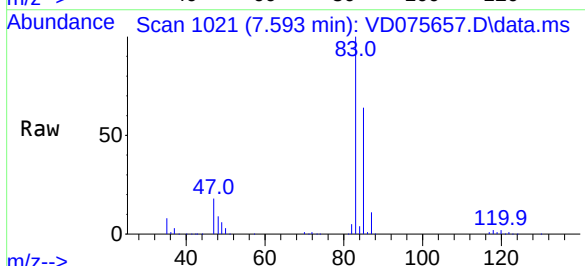
Acq: 13 Apr 2023 13:10

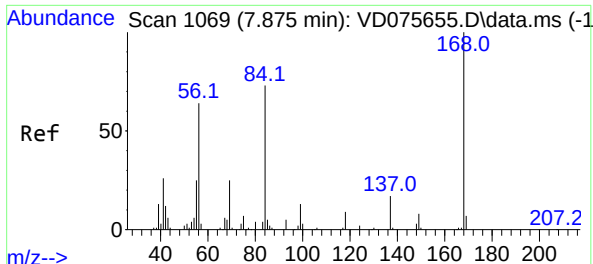
Tgt Ion: 83 Resp: 685162

Ion Ratio Lower Upper

83 100

85 64.0 49.4 74.2





#31

Cyclohexane

Concen: 129.606 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

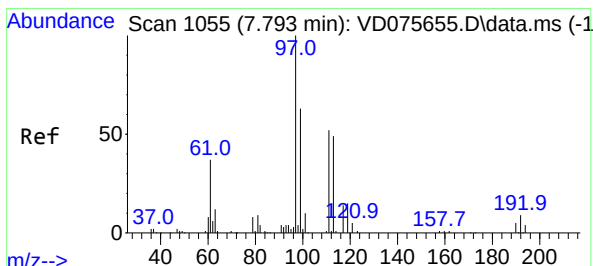
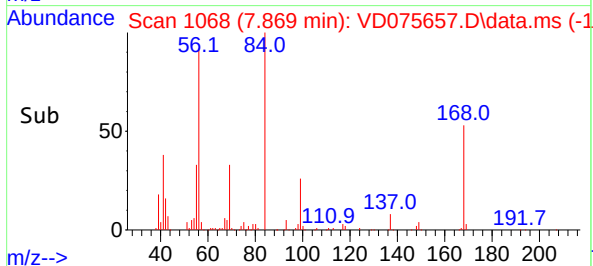
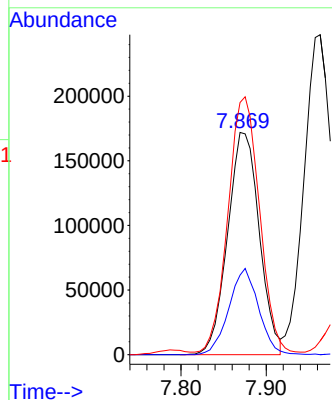
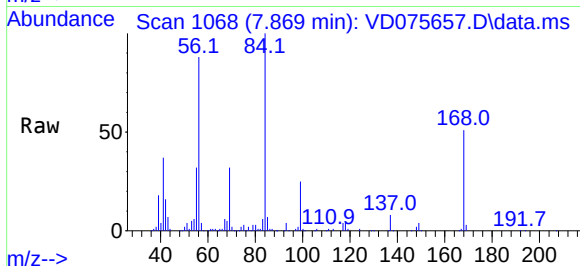
Tgt Ion: 56 Resp: 444172

Ion Ratio Lower Upper

56 100

69 35.8 25.5 38.3

84 111.5 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 136.903 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

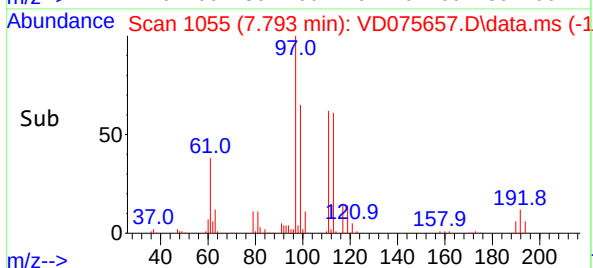
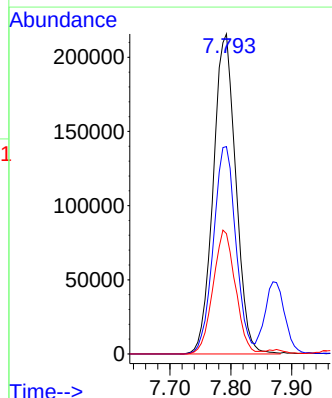
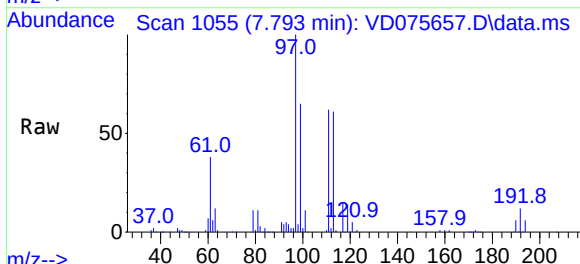
Tgt Ion: 97 Resp: 556136

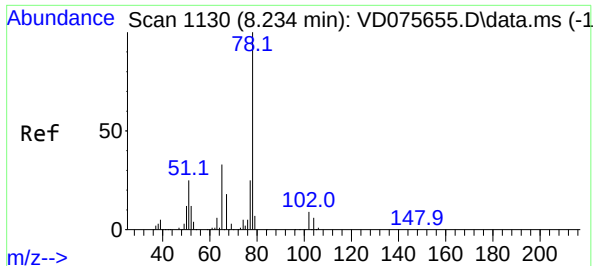
Ion Ratio Lower Upper

97 100

99 64.9 50.5 75.7

61 38.2 36.6 55.0

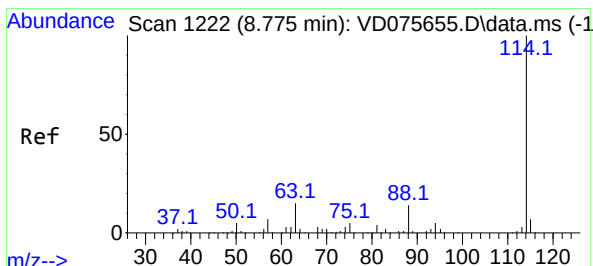
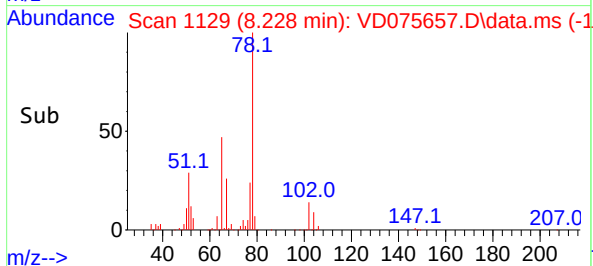
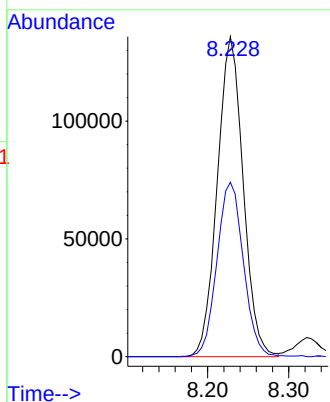
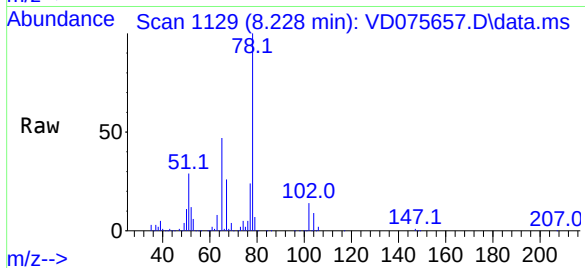




#33
1,2-Dichloroethane-d4
Concen: 137.818 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

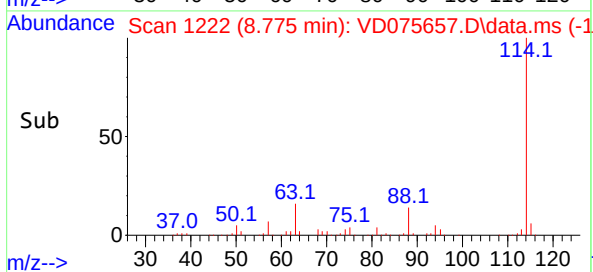
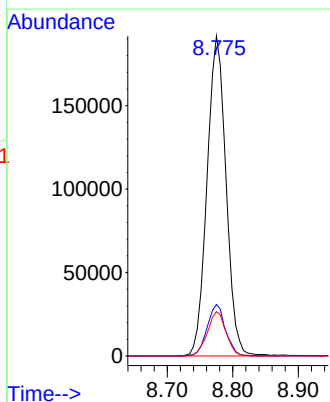
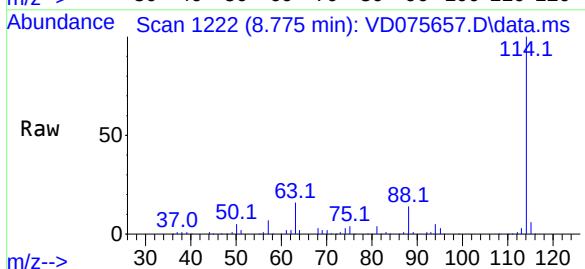
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

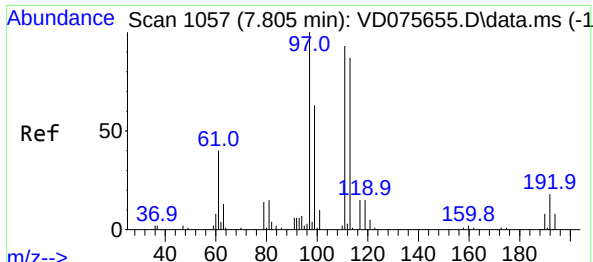
Tgt Ion: 65 Resp: 300985
Ion Ratio Lower Upper
65 100
67 55.8 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:114 Resp: 386474
Ion Ratio Lower Upper
114 100
63 16.1 0.0 41.6
88 13.9 0.0 30.6

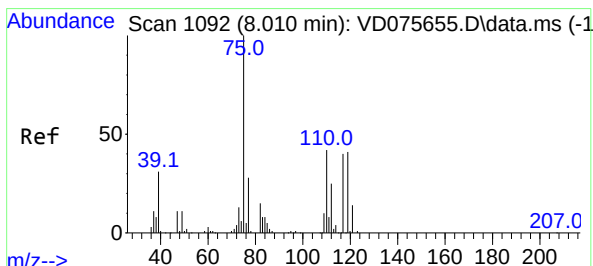
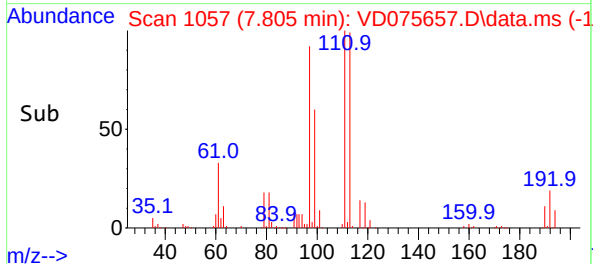
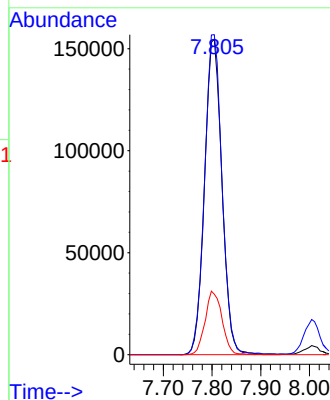
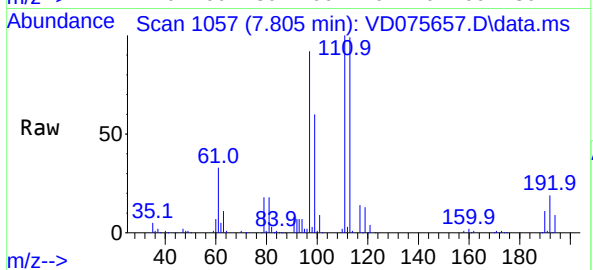




#35
Dibromofluoromethane
Concen: 147.169 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

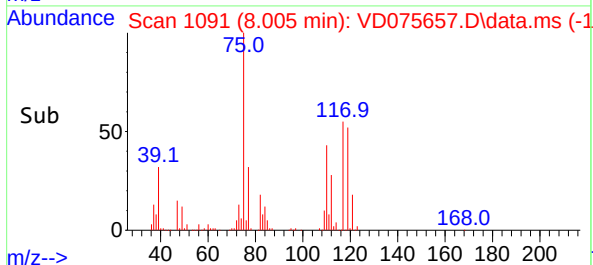
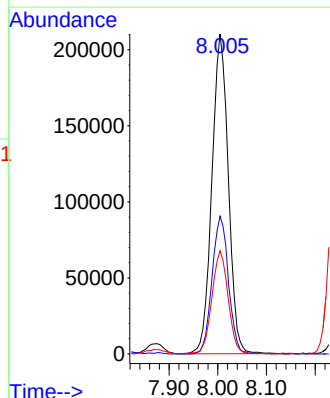
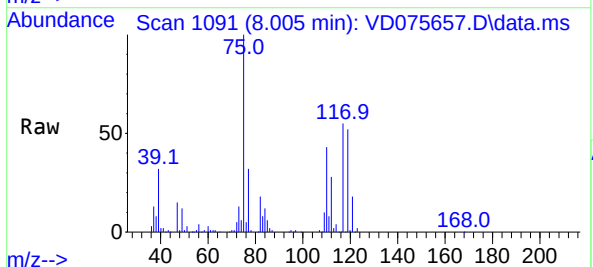
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

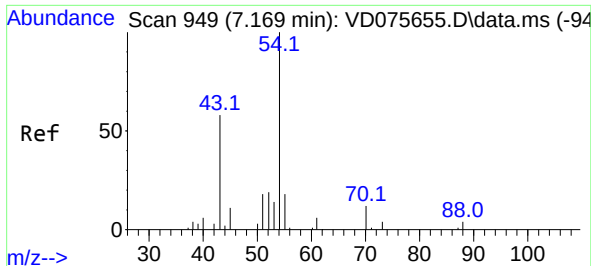
Tgt Ion:113 Resp: 382554
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 19.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 137.069 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 75 Resp: 491545
Ion Ratio Lower Upper
75 100
110 42.8 17.1 51.2
77 32.0 24.6 36.8





#37

Ethyl Acetate

Concen: 151.895 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

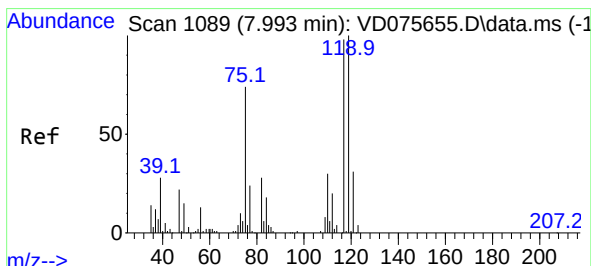
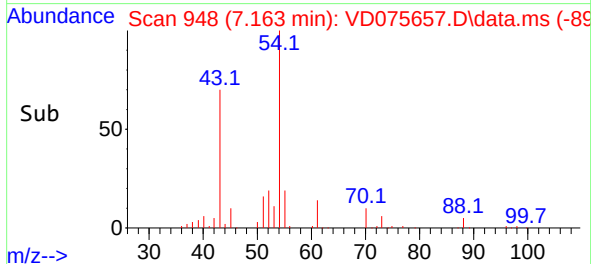
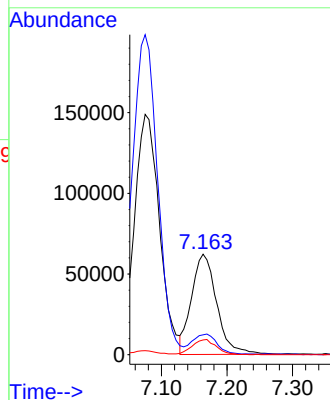
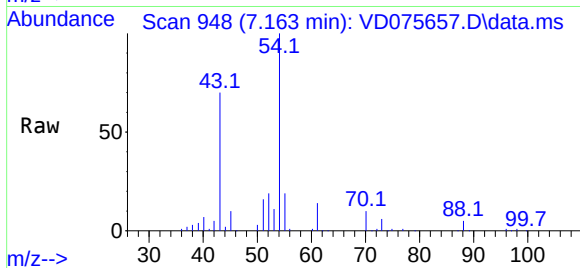
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 165770

Ion	Ratio	Lower	Upper
43	100		
61	20.0	0.0	0.0#
70	14.5	5.6	8.4#



#38

Carbon Tetrachloride

Concen: 147.140 ug/l

RT: 7.987 min Scan# 1088

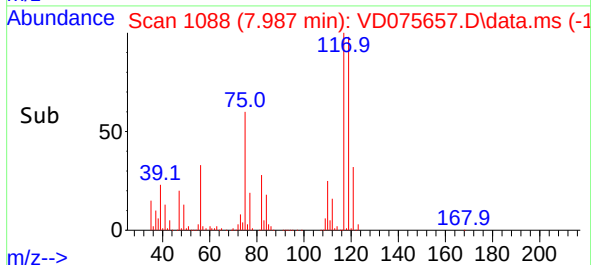
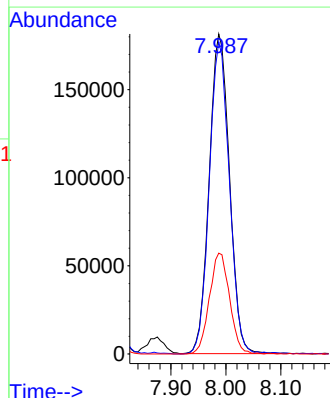
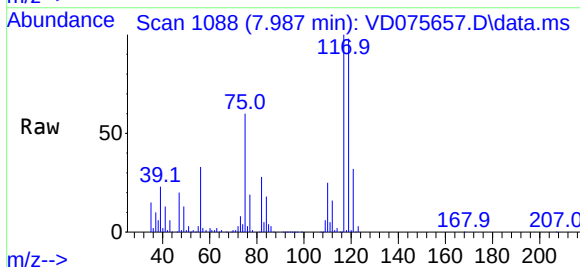
Delta R.T. -0.006 min

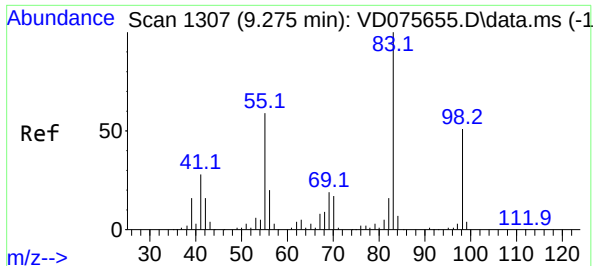
Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Tgt Ion: 117 Resp: 464660

Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.7	112.1
121	31.6	25.9	38.9

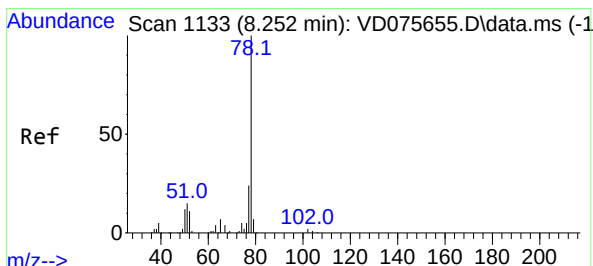
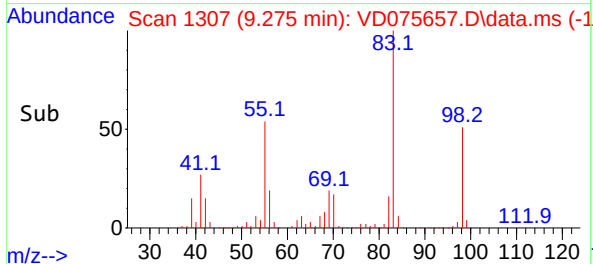
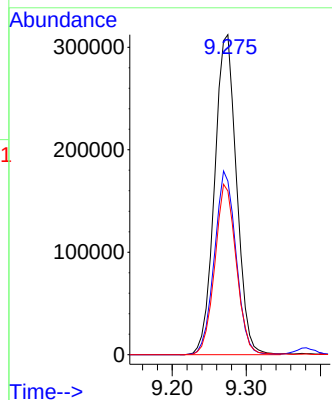
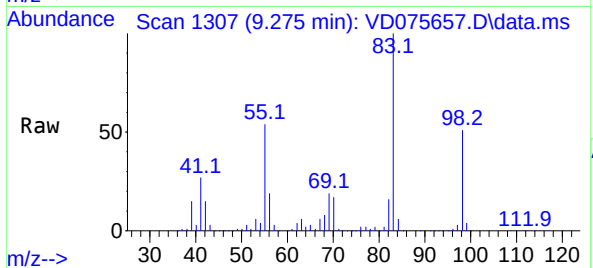




#39
Methylcyclohexane
Concen: 155.045 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

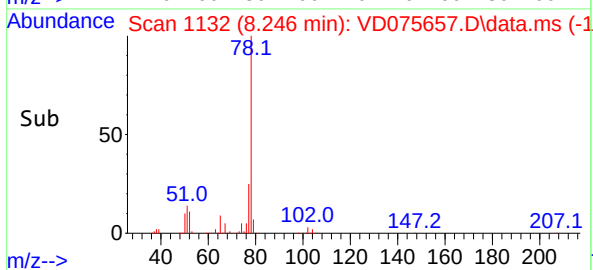
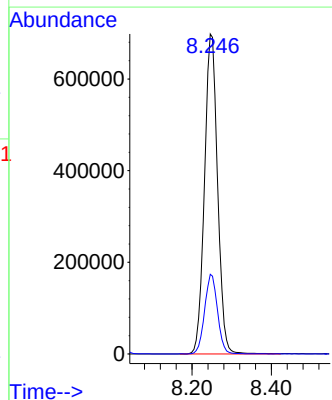
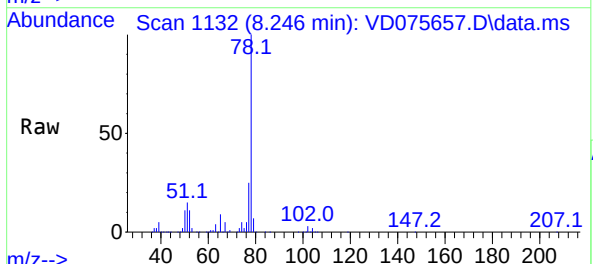
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

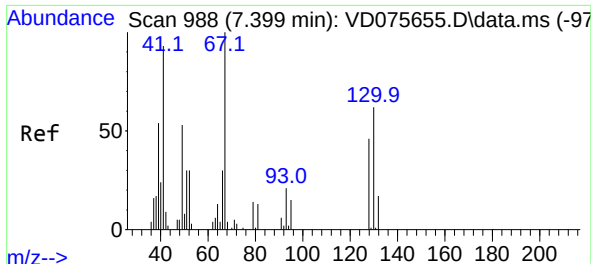
Tgt Ion: 83 Resp: 642938
Ion Ratio Lower Upper
83 100
55 54.3 56.8 85.2#
98 51.1 38.9 58.3



#40
Benzene
Concen: 143.501 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 78 Resp: 1599774
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7

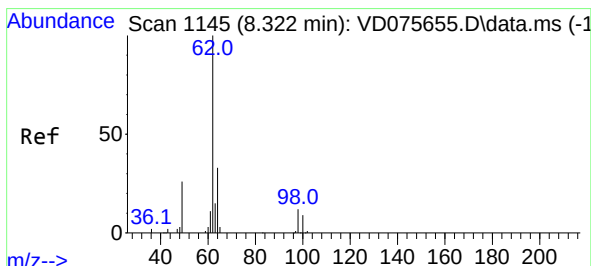
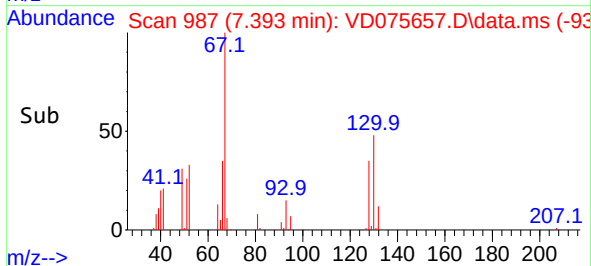
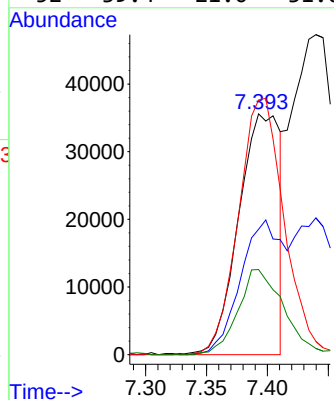
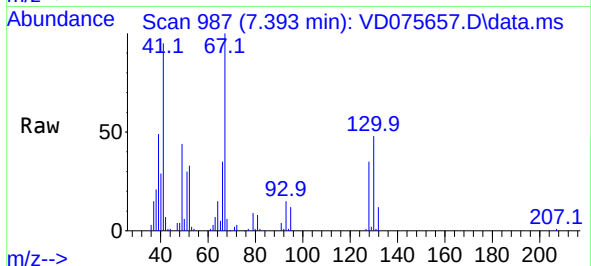




#41
Methacrylonitrile
Concen: 160.903 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

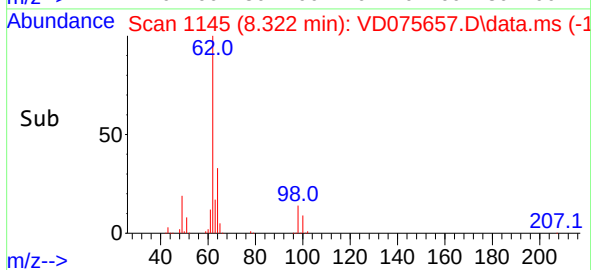
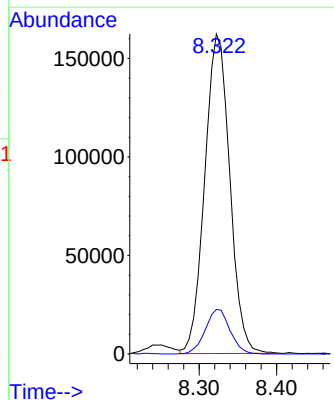
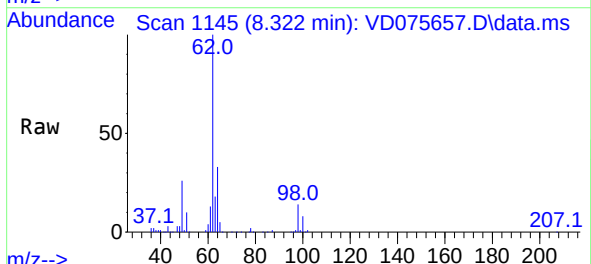
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

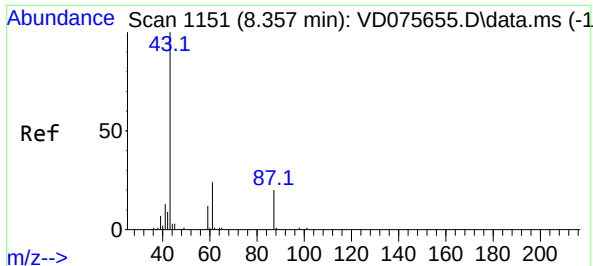
Tgt Ion: 41 Resp: 84267
Ion Ratio Lower Upper
41 100
39 58.6 45.3 67.9
67 117.8 50.5 75.7#
52 39.4 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 143.800 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 62 Resp: 364128
Ion Ratio Lower Upper
62 100
98 13.8 0.0 18.8

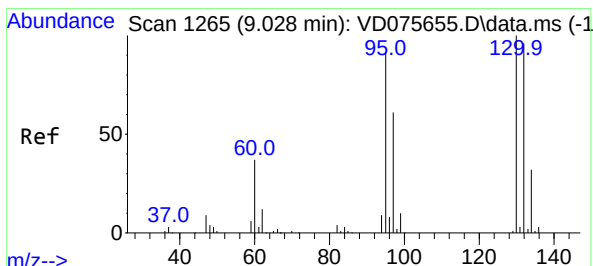
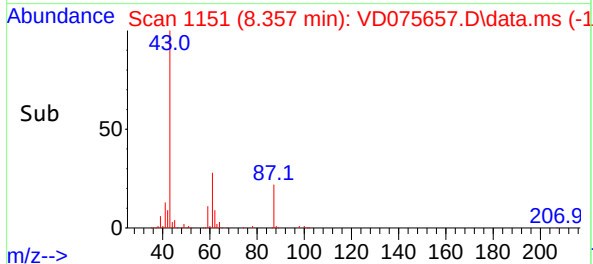
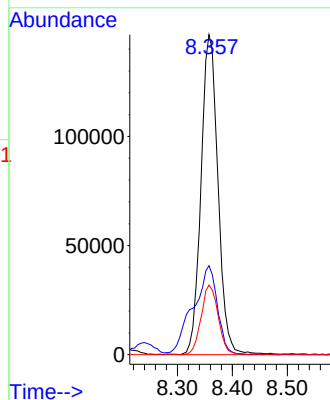
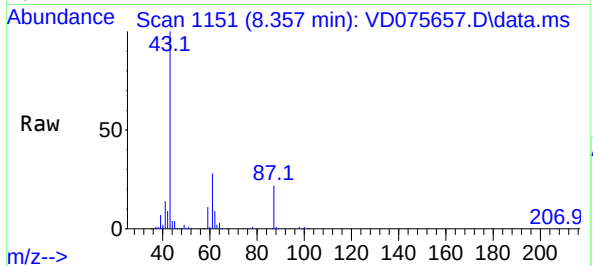




#43
Isopropyl Acetate
Concen: 158.435 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

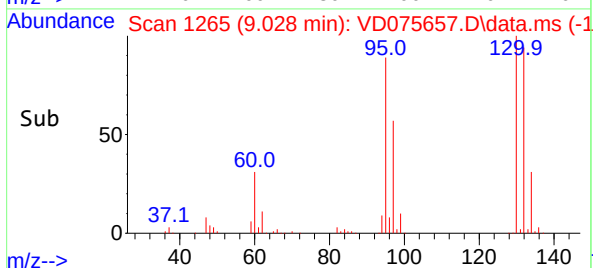
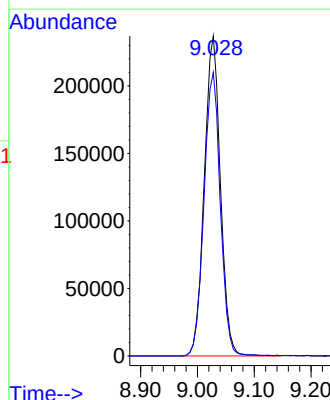
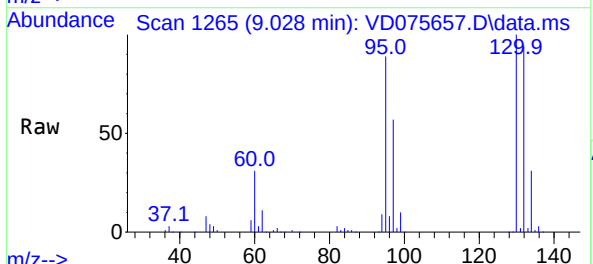
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

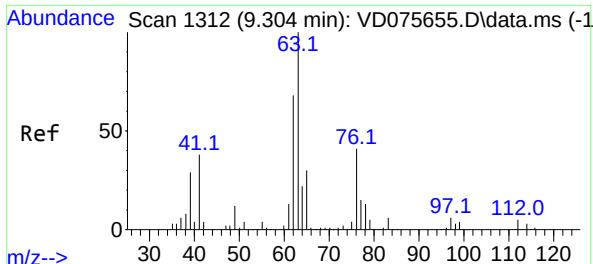
Tgt Ion: 43 Resp: 315296
Ion Ratio Lower Upper
43 100
61 39.5 23.4 35.0#
87 21.8 9.5 14.3#



#44
Trichloroethene
Concen: 147.872 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:130 Resp: 466547
Ion Ratio Lower Upper
130 100
95 88.7 0.0 197.6

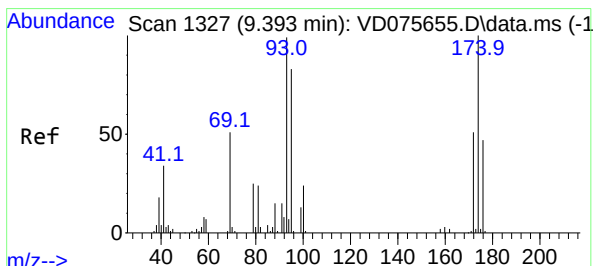
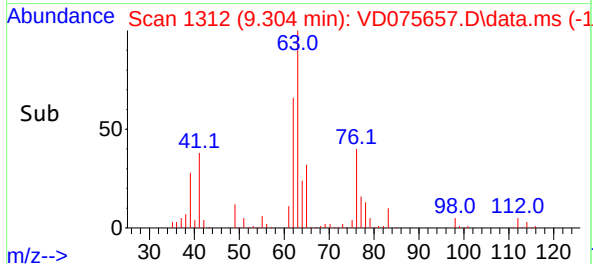
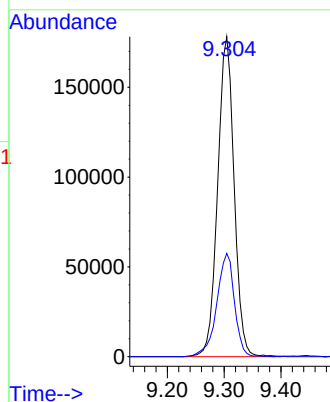
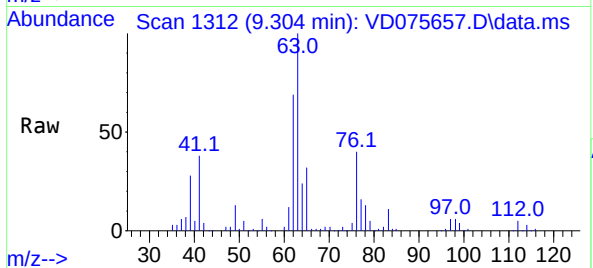




#45
1,2-Dichloropropane
Concen: 143.419 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

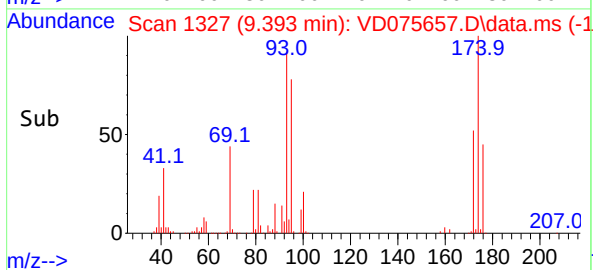
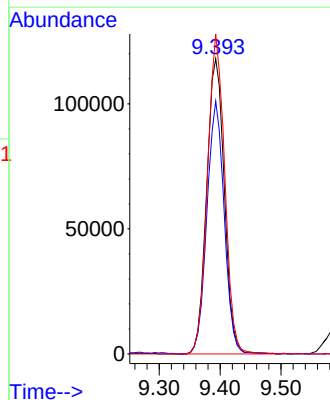
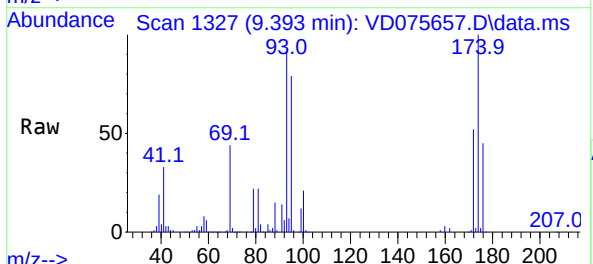
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

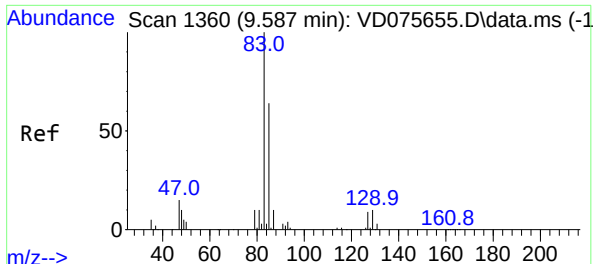
Tgt Ion: 63 Resp: 358295
Ion Ratio Lower Upper
63 100
65 32.3 23.0 34.4



#46
Dibromomethane
Concen: 150.309 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 93 Resp: 238222
Ion Ratio Lower Upper
93 100
95 83.9 64.5 96.7
174 105.9 76.2 114.4

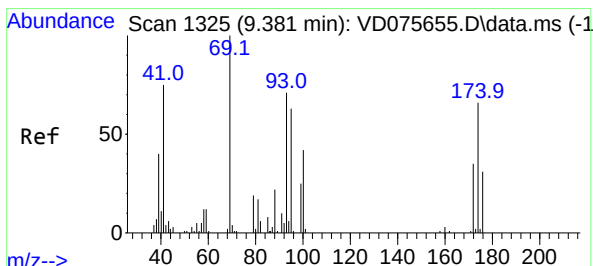
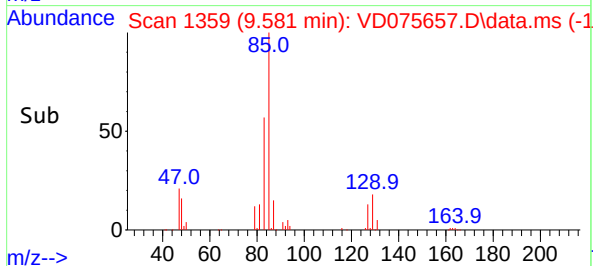
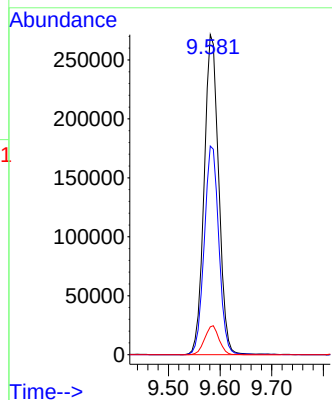
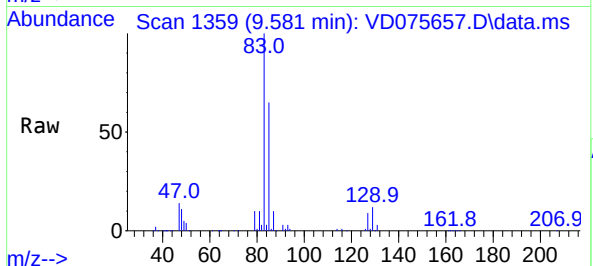




#47
Bromodichloromethane
Concen: 146.094 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

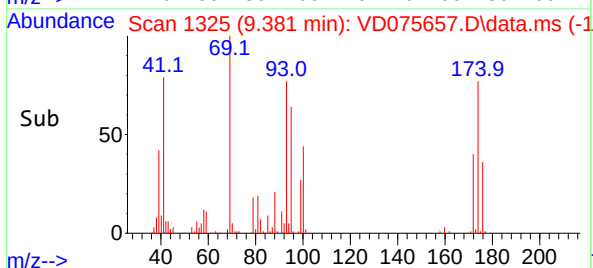
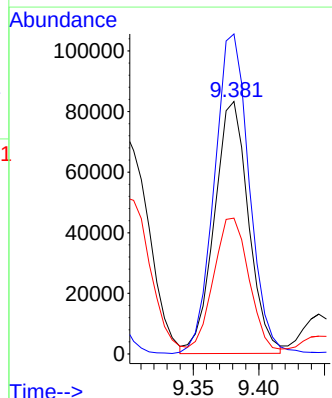
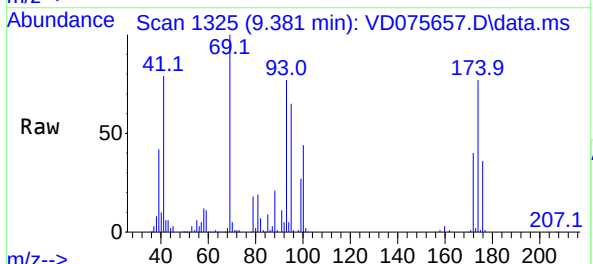
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

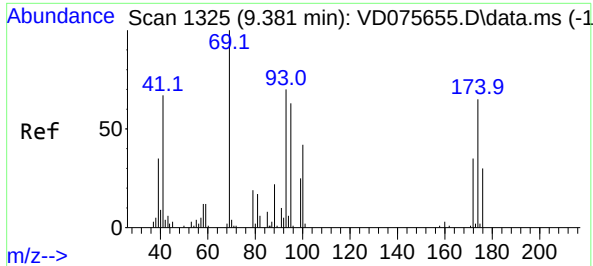
Tgt Ion: 83 Resp: 529640
Ion Ratio Lower Upper
83 100
85 65.2 53.7 80.5
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 170.231 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 41 Resp: 150931
Ion Ratio Lower Upper
41 100
69 129.7 58.6 88.0#
39 56.8 53.4 80.0



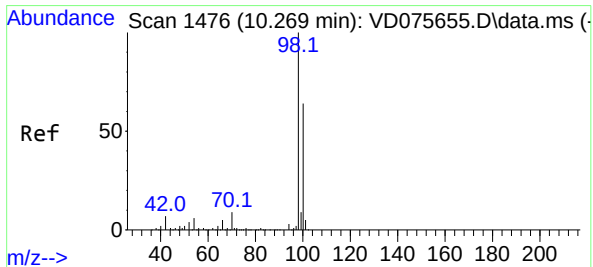
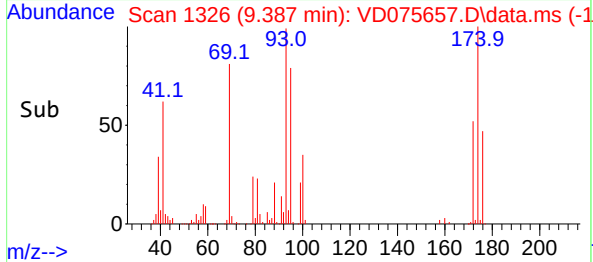
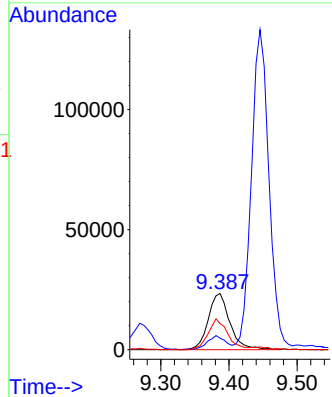
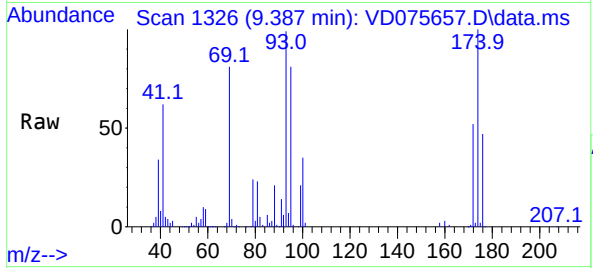


#49
1,4-Dioxane
Concen: 3283.454 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 51630

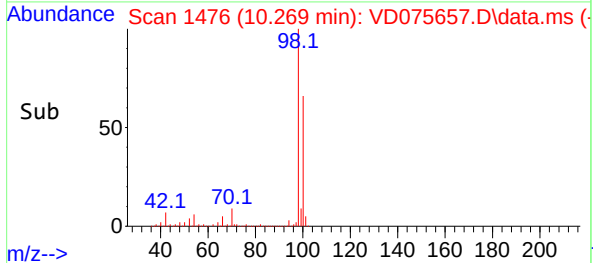
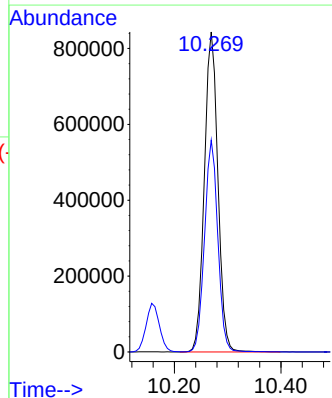
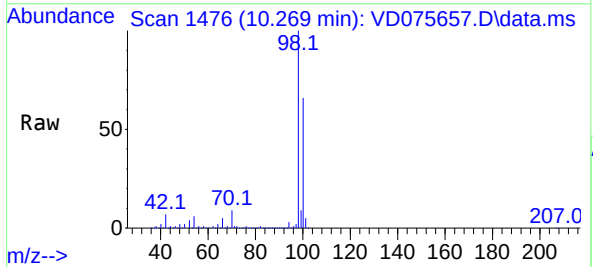
Ion	Ratio	Lower	Upper
88	100		
43	21.2	34.6	51.8#
58	49.4	58.0	87.0#

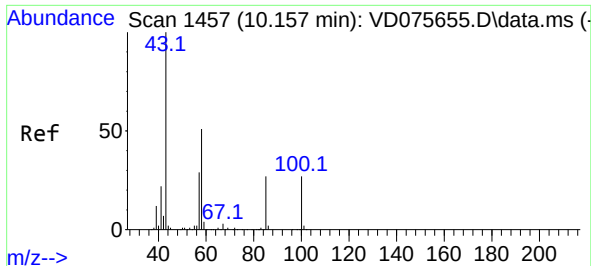


#50
Toluene-d8
Concen: 142.877 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 98 Resp: 1487289

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1

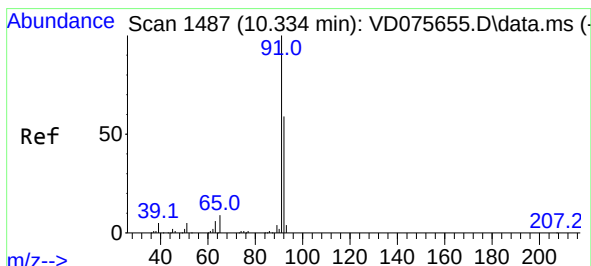
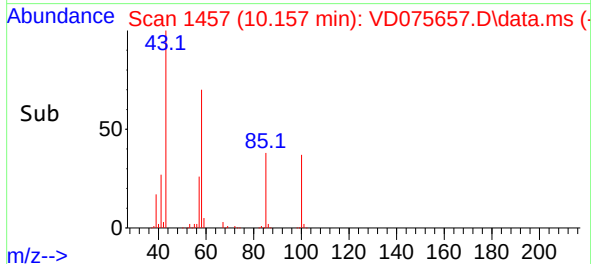
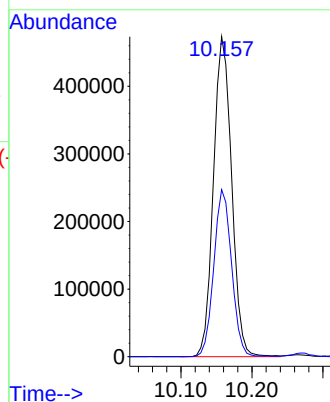
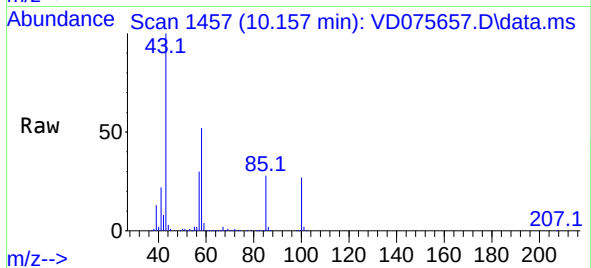




#51
4-Methyl-2-Pentanone
Concen: 791.528 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

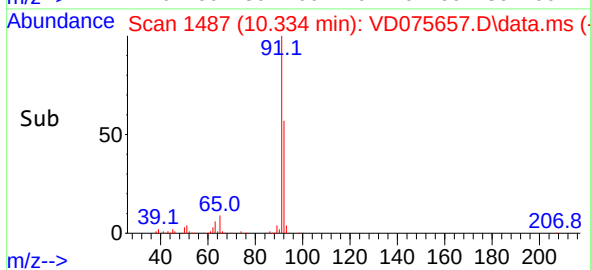
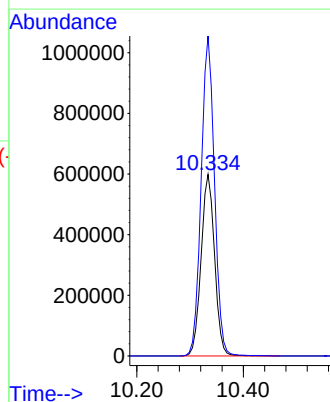
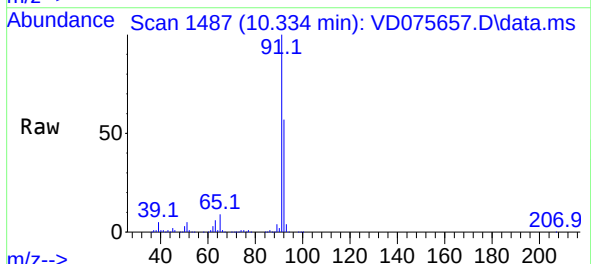
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

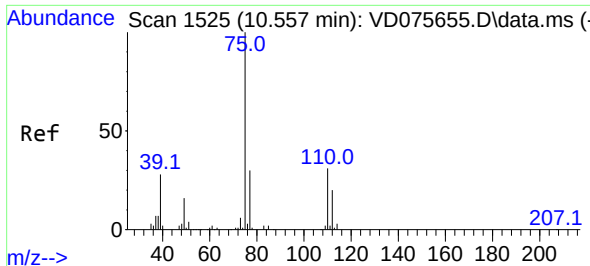
Tgt Ion: 43 Resp: 839858
Ion Ratio Lower Upper
43 100
58 51.2 29.5 44.3#



#52
Toluene
Concen: 141.563 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 92 Resp: 1049405
Ion Ratio Lower Upper
92 100
91 174.5 136.5 204.7

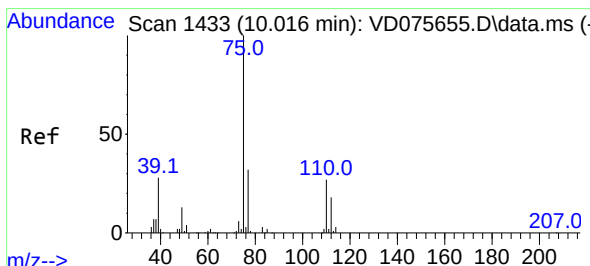
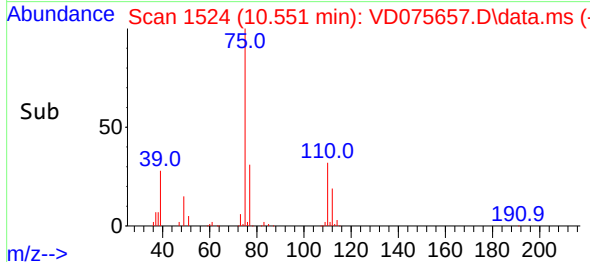
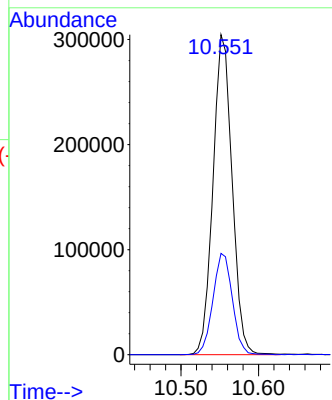
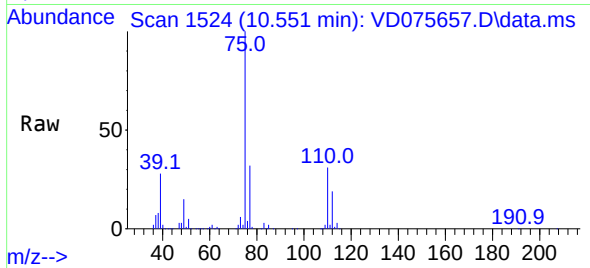




#53
 t-1,3-Dichloropropene
 Concen: 150.439 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

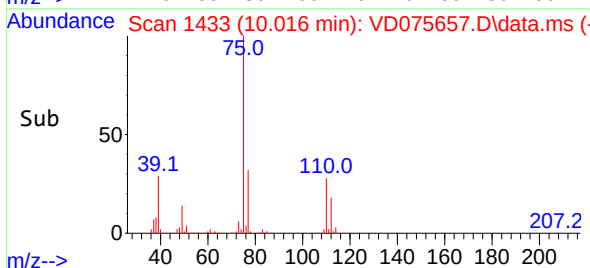
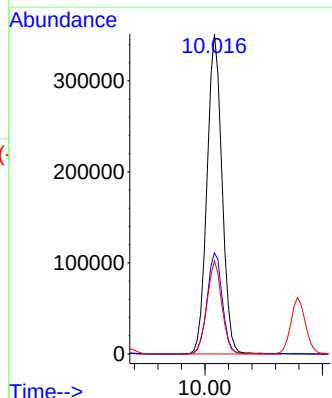
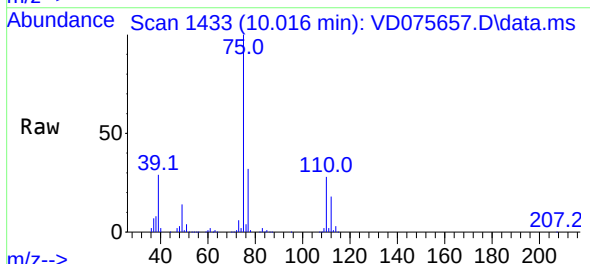
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

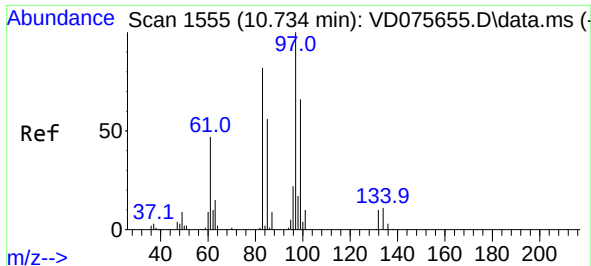
Tgt Ion: 75 Resp: 522816
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 150.959 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

Tgt Ion: 75 Resp: 623335
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 29.1 44.8 67.2#



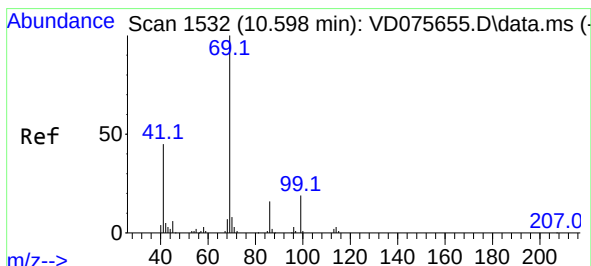
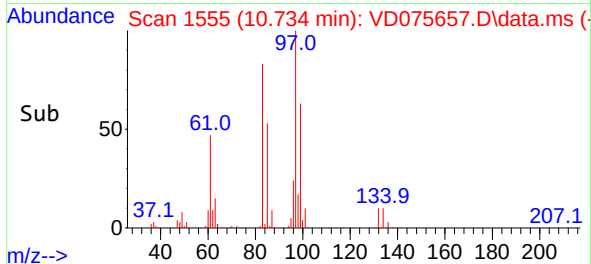
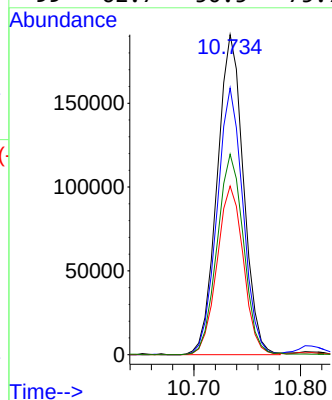
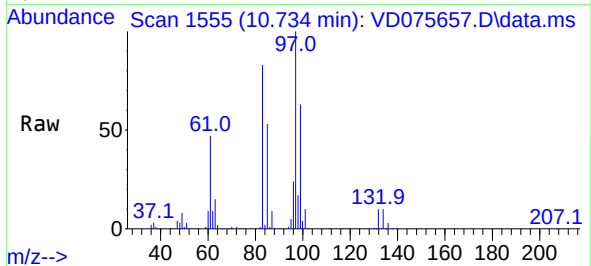


#55
1,1,2-Trichloroethane
Concen: 142.683 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 327424

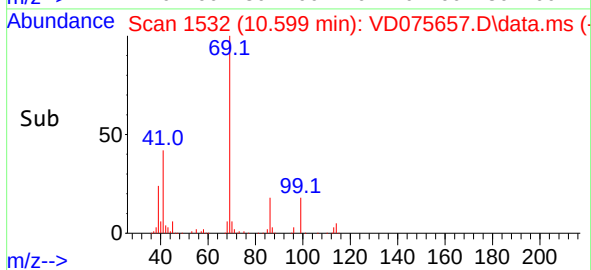
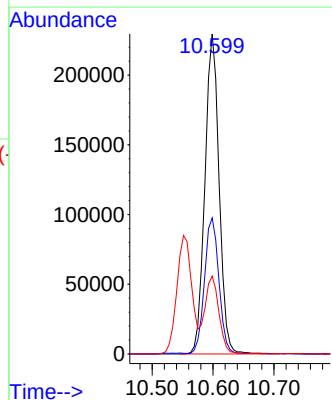
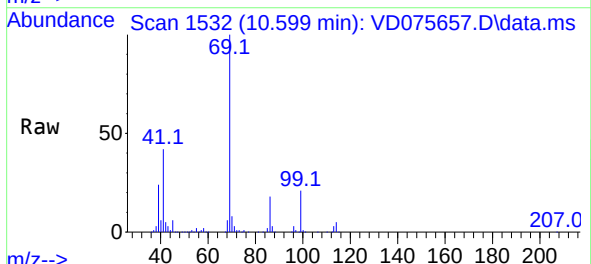
Ion	Ratio	Lower	Upper
97	100		
83	83.4	74.2	111.4
85	52.7	45.4	68.0
99	62.7	50.5	75.7

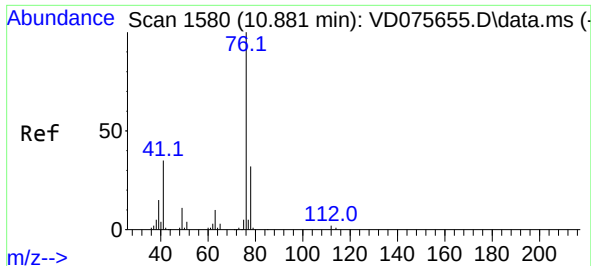


#56
Ethyl methacrylate
Concen: 164.448 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 69 Resp: 371378

Ion	Ratio	Lower	Upper
69	100		
41	43.5	59.3	88.9#
39	24.2	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 146.327 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

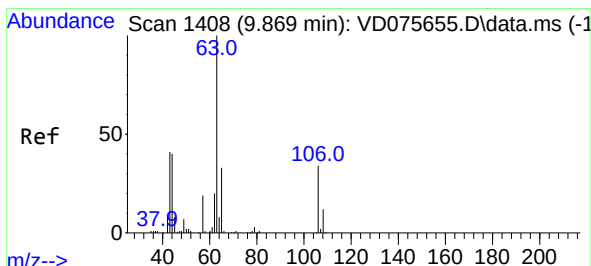
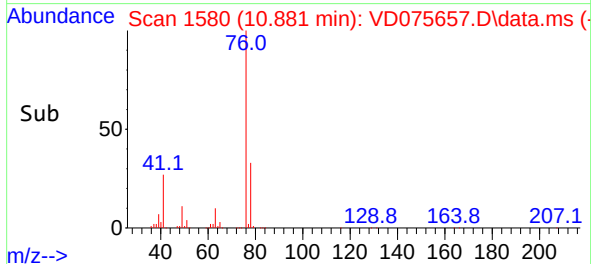
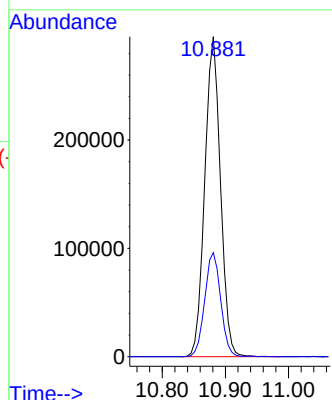
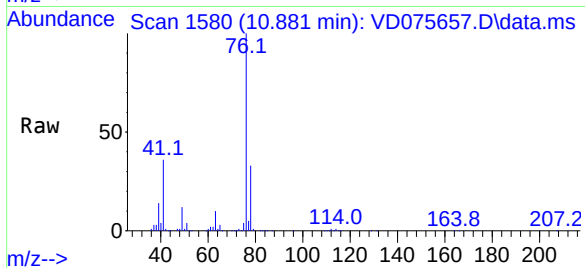
VSTDIC150

Tgt Ion: 76 Resp: 509776

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 844.176 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075657.D

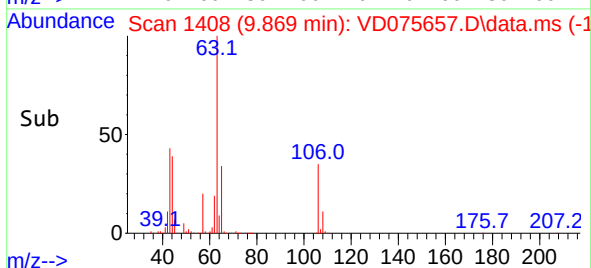
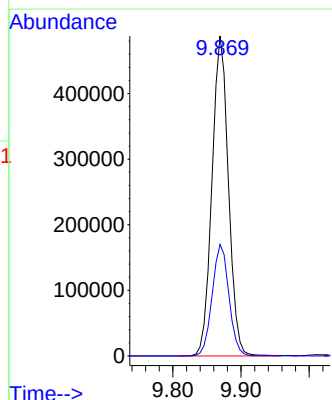
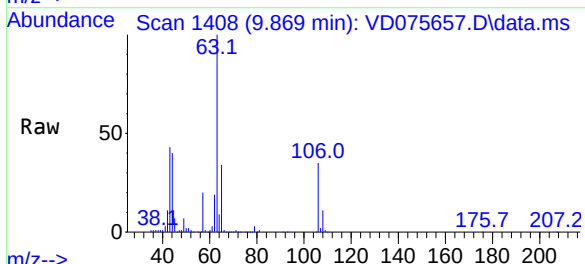
Acq: 13 Apr 2023 13:10

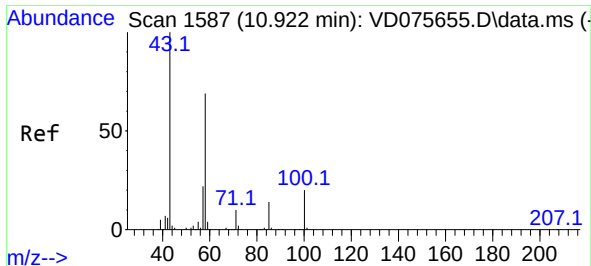
Tgt Ion: 63 Resp: 818747

Ion Ratio Lower Upper

63 100

106 35.5 21.4 32.2#

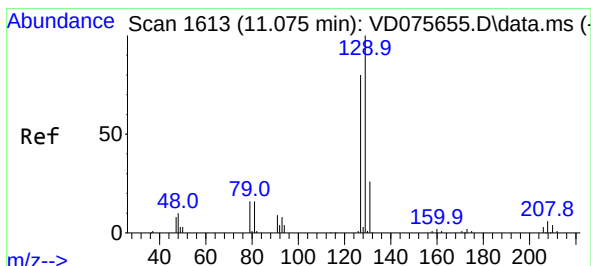
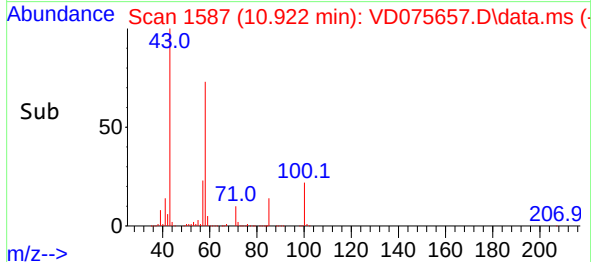
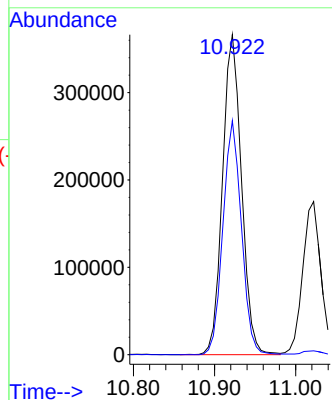
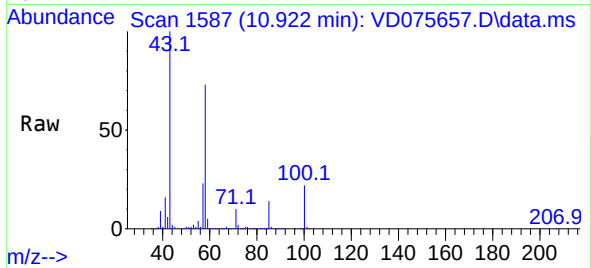




#59
2-Hexanone
Concen: 799.459 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

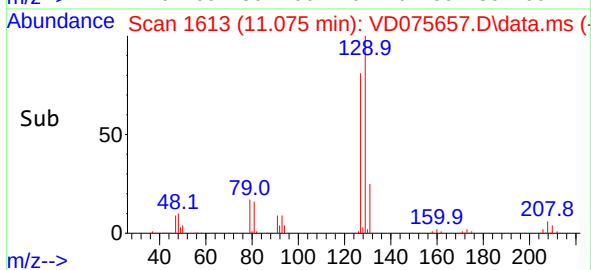
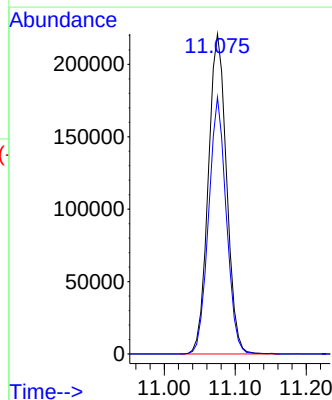
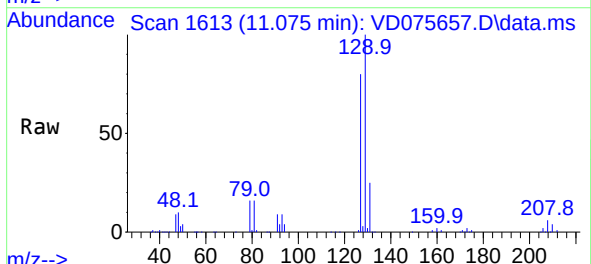
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

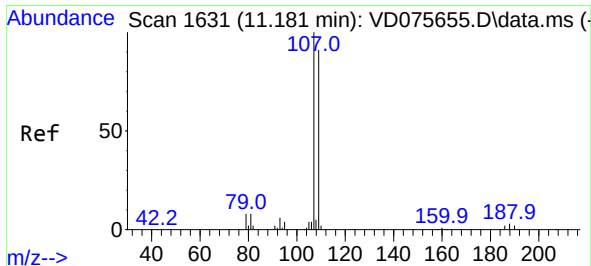
Tgt Ion: 43 Resp: 596438
Ion Ratio Lower Upper
43 100
58 71.1 25.3 75.8



#60
Dibromochloromethane
Concen: 147.293 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 129 Resp: 395516
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5

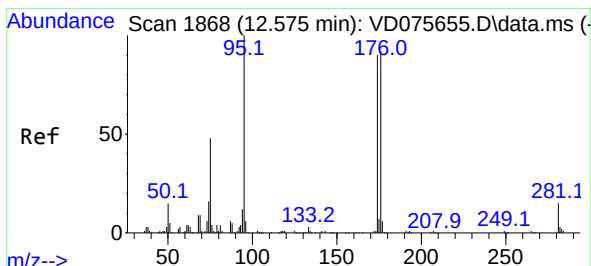
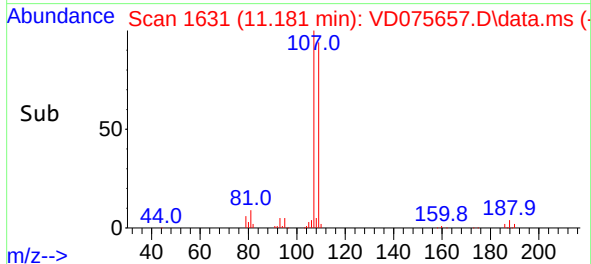
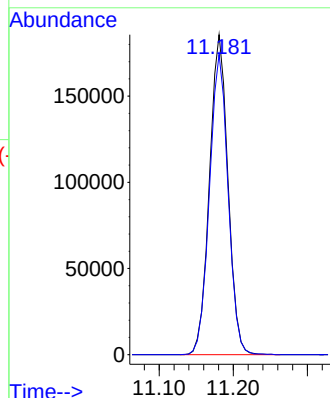
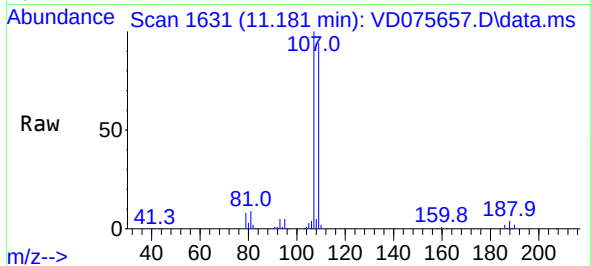




#61
1,2-Dibromoethane
Concen: 146.614 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

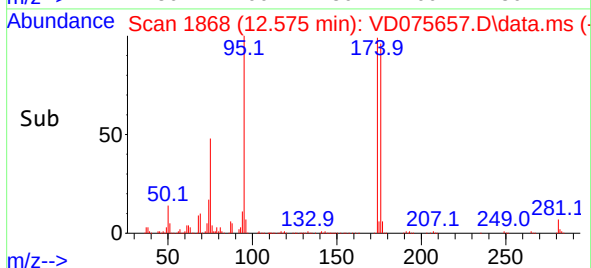
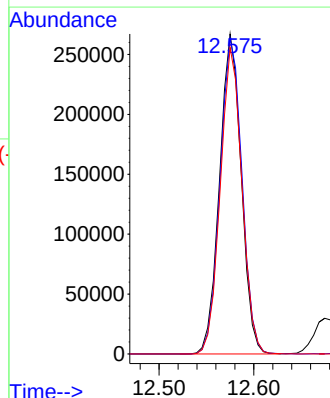
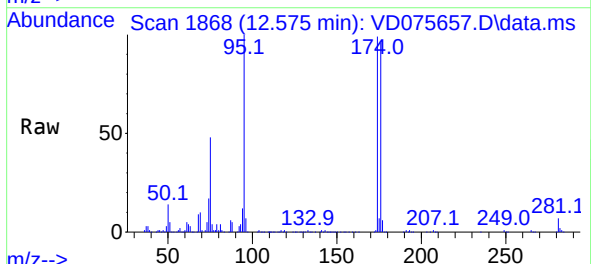
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

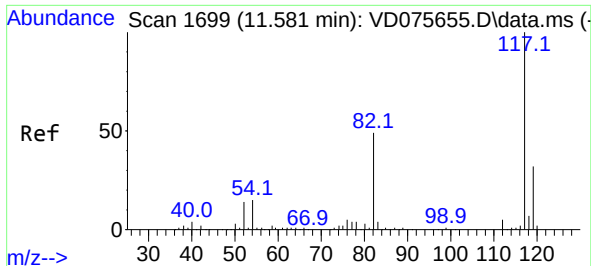
Tgt Ion:107 Resp: 320944
Ion Ratio Lower Upper
107 100
109 94.5 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 153.333 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 95 Resp: 424249
Ion Ratio Lower Upper
95 100
174 99.9 0.0 164.0
176 95.5 0.0 156.8

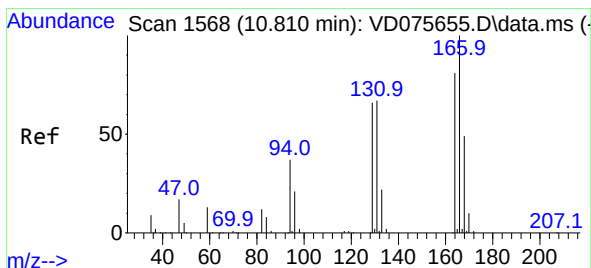
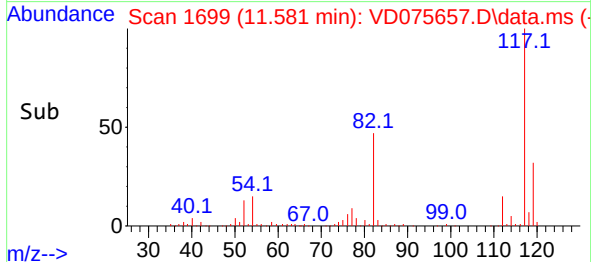
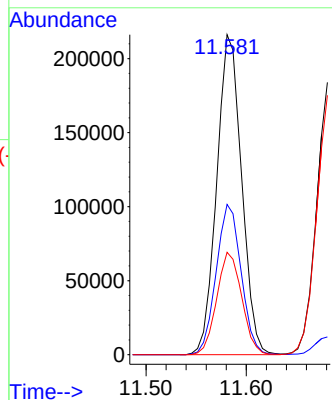
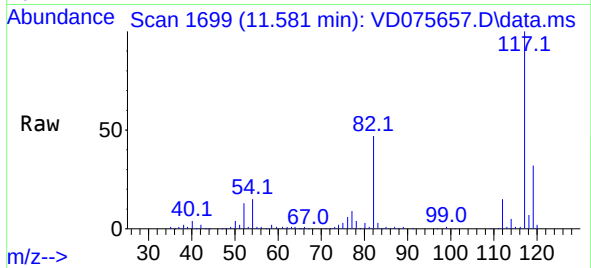




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

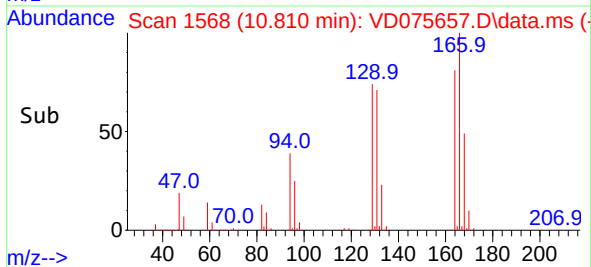
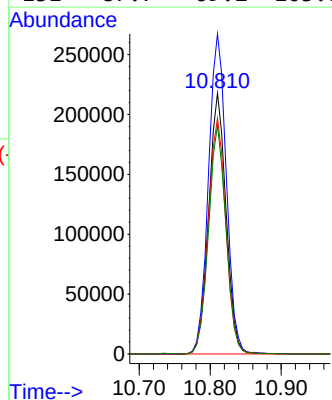
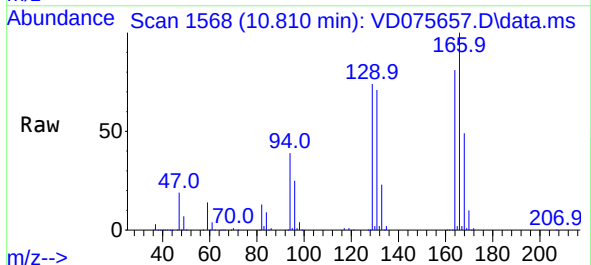
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

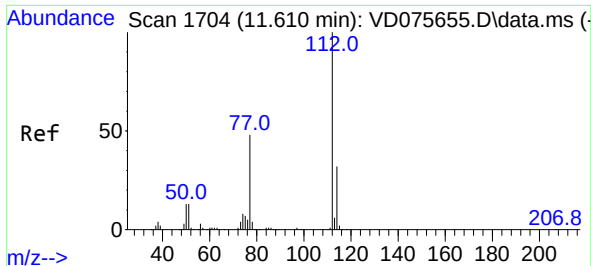
Tgt Ion:117 Resp: 371643
Ion Ratio Lower Upper
117 100
82 46.9 44.0 66.0
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 139.436 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:164 Resp: 373205
Ion Ratio Lower Upper
164 100
166 122.7 94.9 142.3
129 90.4 73.0 109.6
131 87.7 69.2 103.8

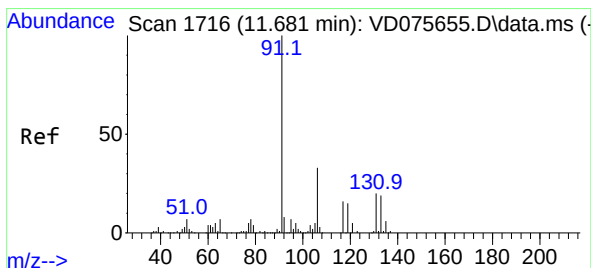
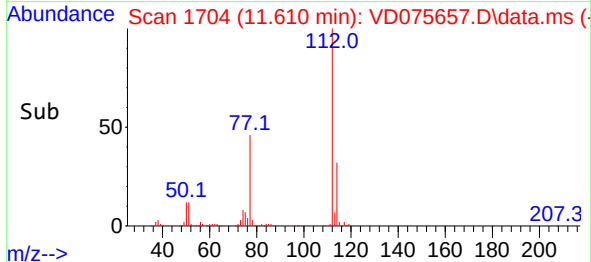
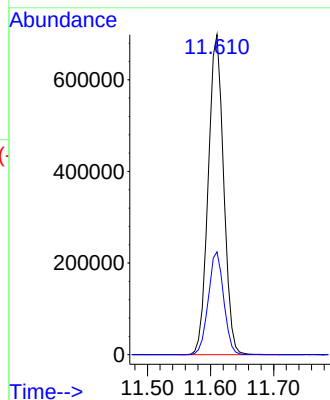
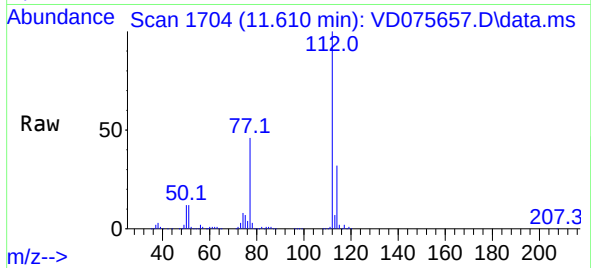




#65
Chlorobenzene
Concen: 148.441 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

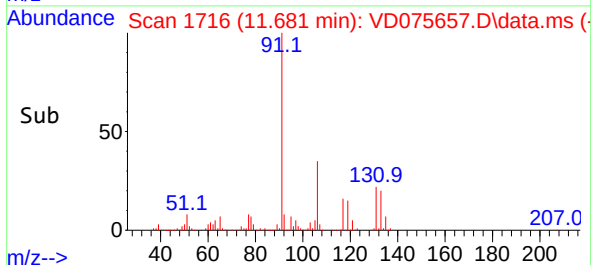
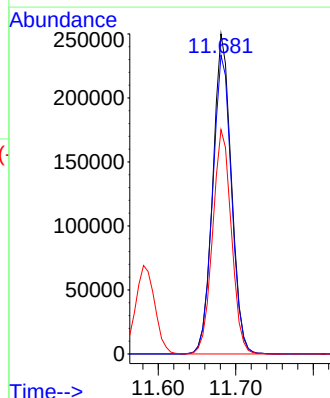
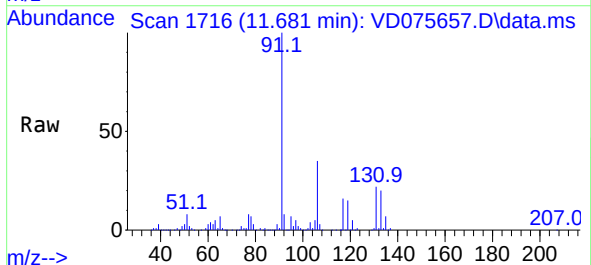
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

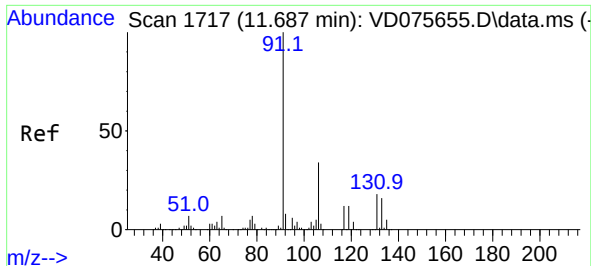
Tgt Ion:112 Resp: 1181620
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 151.951 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:131 Resp: 415822
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.0
119 70.9 31.9 95.9

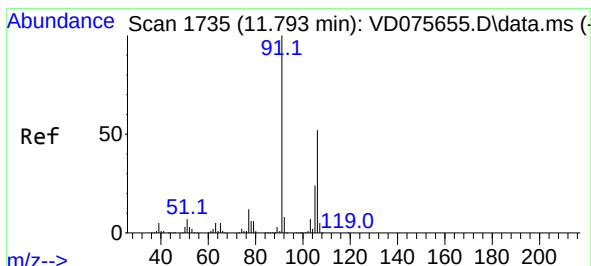
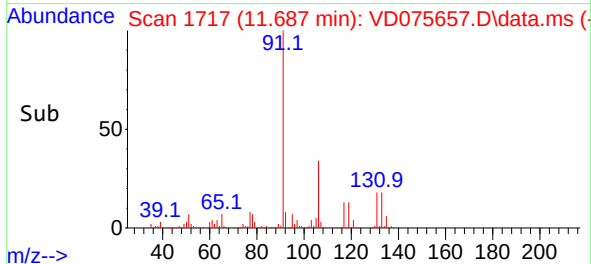
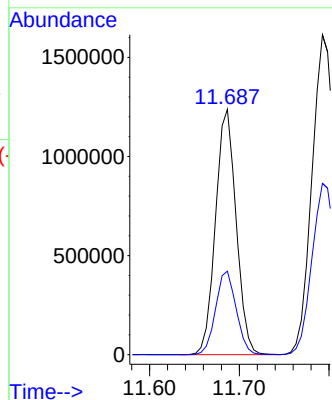
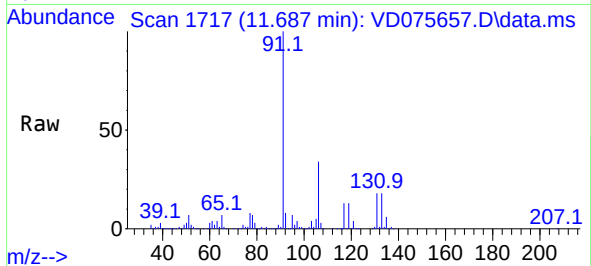




#67
Ethyl Benzene
Concen: 153.043 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

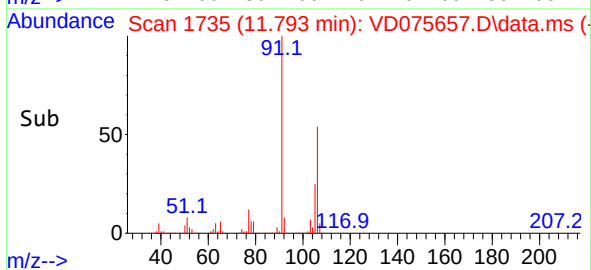
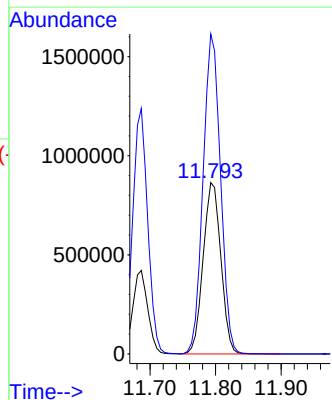
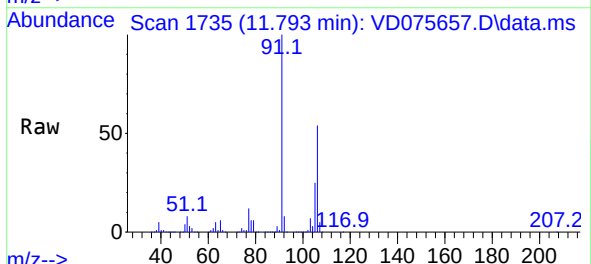
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

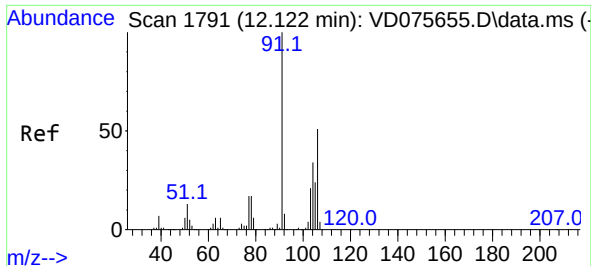
Tgt Ion: 91 Resp: 1977127
Ion Ratio Lower Upper
91 100
106 34.0 24.5 36.7



#68
m/p-Xylenes
Concen: 307.354 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:106 Resp: 1627257
Ion Ratio Lower Upper
106 100
91 183.6 161.5 242.3

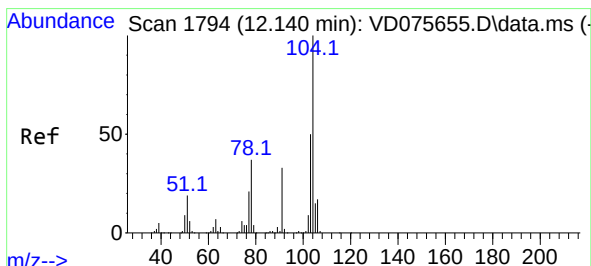
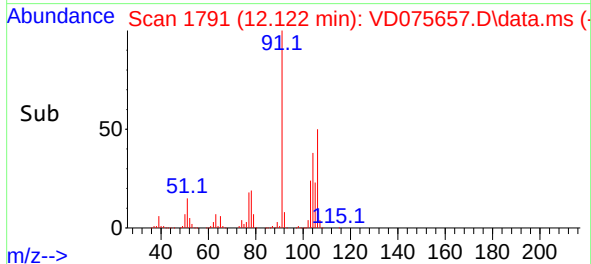
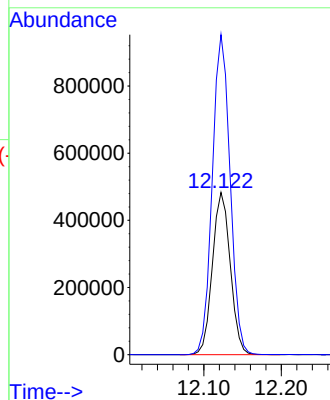
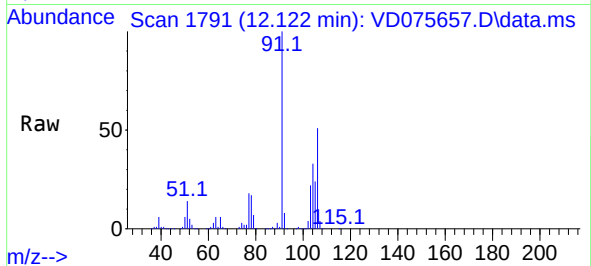




#69
o-Xylene
Concen: 161.582 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

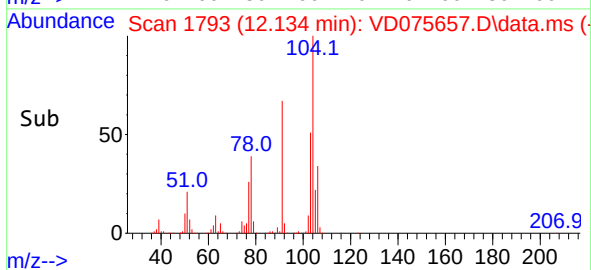
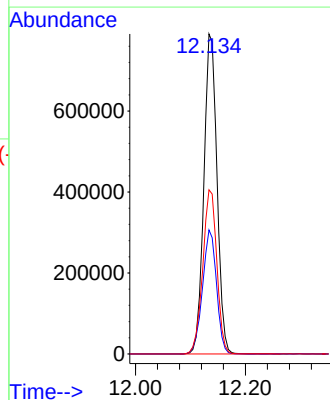
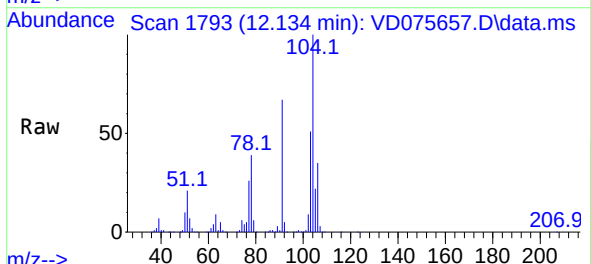
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

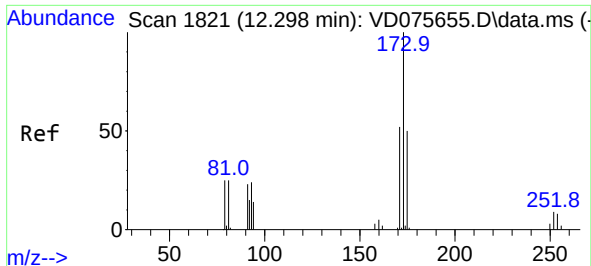
Tgt Ion:106 Resp: 773553
Ion Ratio Lower Upper
106 100
91 196.6 105.7 317.1



#70
Styrene
Concen: 148.105 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:104 Resp: 1310277
Ion Ratio Lower Upper
104 100
78 41.3 40.2 60.4
103 55.1 44.2 66.2

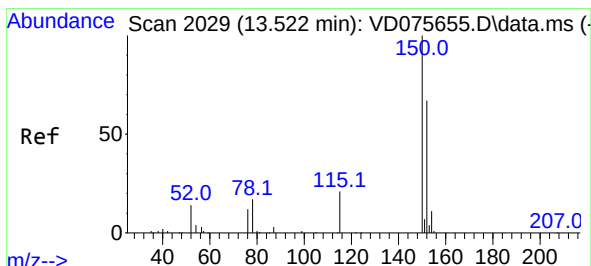
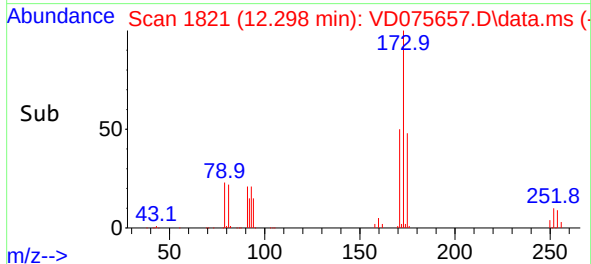
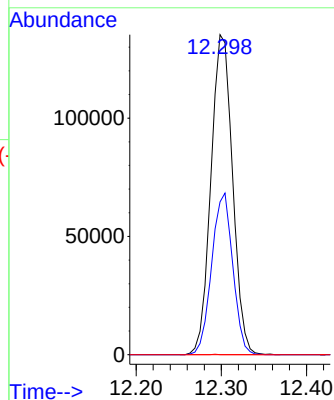
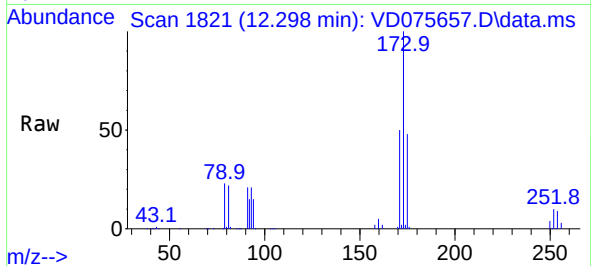




#71
Bromoform
Concen: 167.195 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

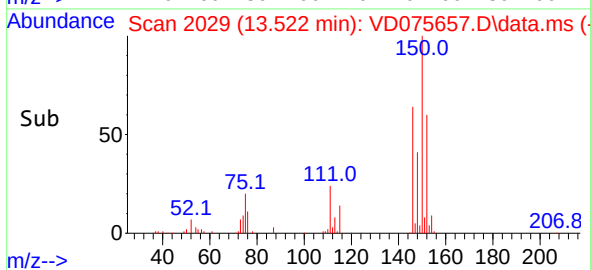
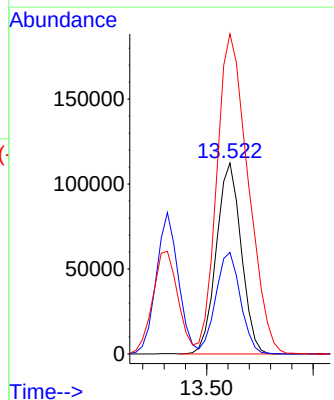
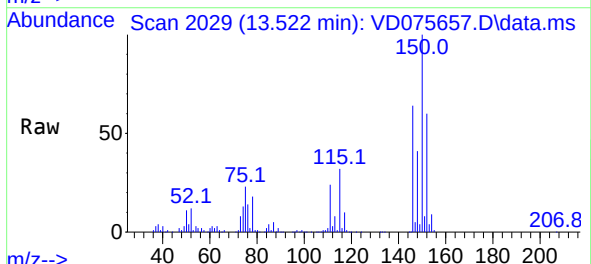
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

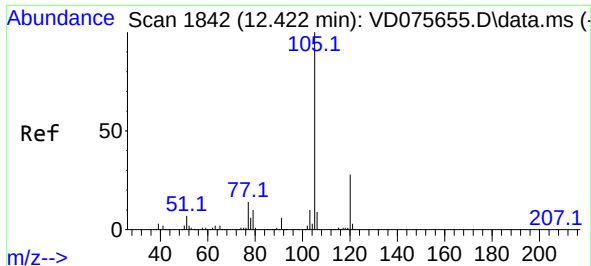
Tgt Ion:173 Resp: 239176
Ion Ratio Lower Upper
173 100
175 49.1 23.5 70.5
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:152 Resp: 181925
Ion Ratio Lower Upper
152 100
115 52.9 30.1 90.3
150 211.6 0.0 364.8

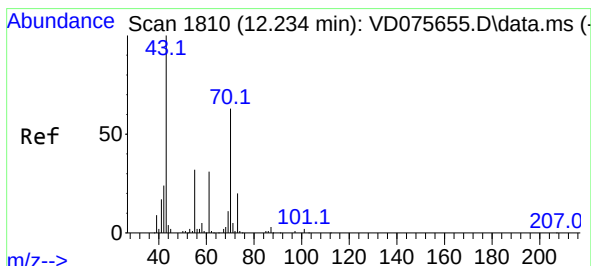
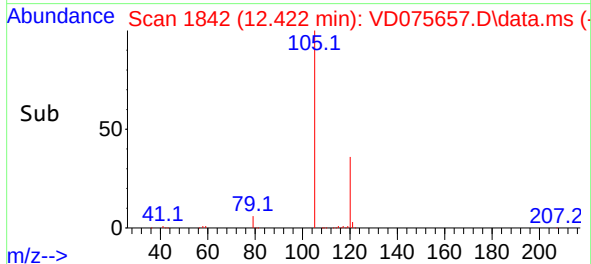
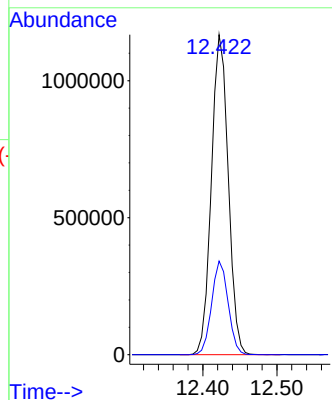
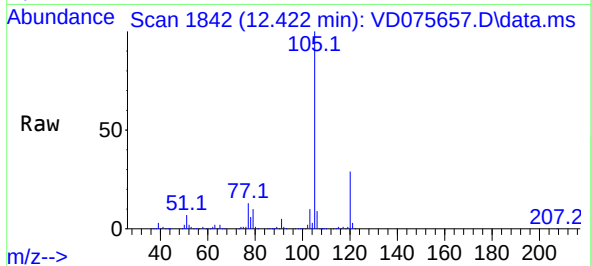




#73
Isopropylbenzene
Concen: 154.231 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

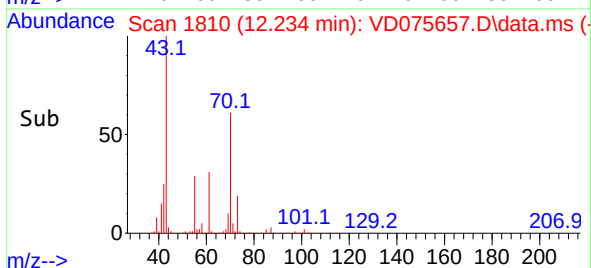
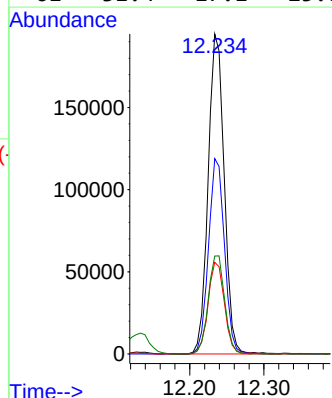
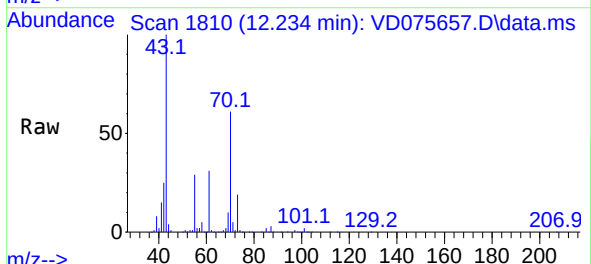
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

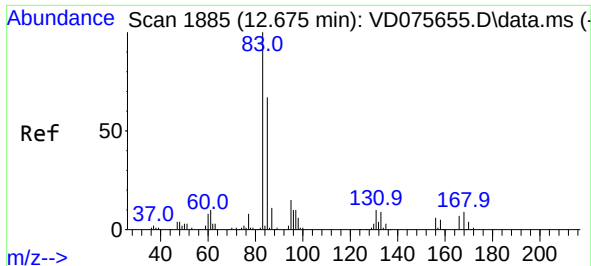
Tgt Ion:105 Resp: 1841472
Ion Ratio Lower Upper
105 100
120 28.6 13.4 40.1



#74
N-ethyl acetate
Concen: 167.373 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 43 Resp: 293654
Ion Ratio Lower Upper
43 100
70 60.7 31.0 46.4#
55 29.2 18.6 28.0#
61 31.4 17.1 25.7#

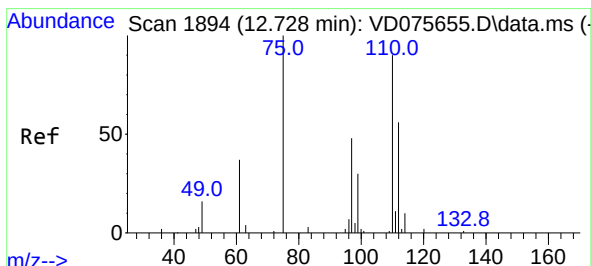
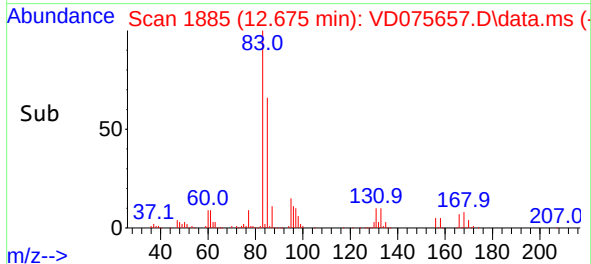
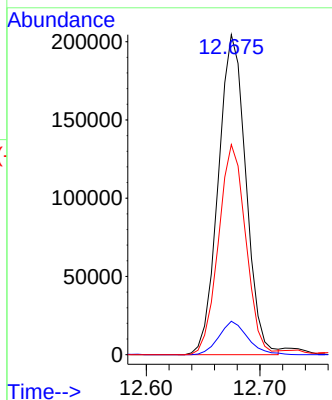
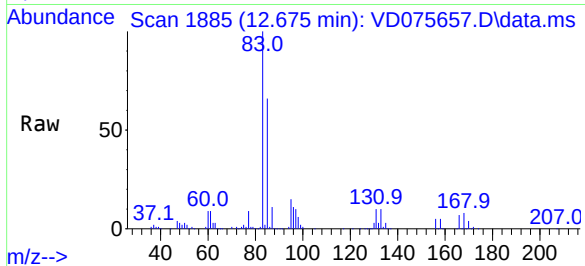




#75
1,1,2,2-Tetrachloroethane
Concen: 148.695 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

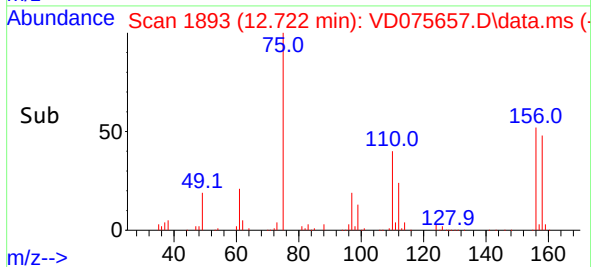
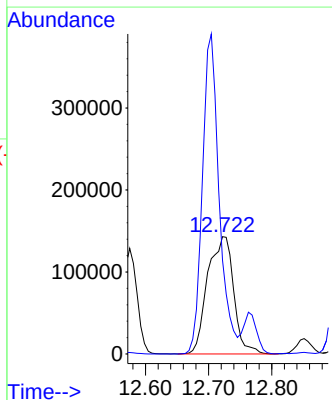
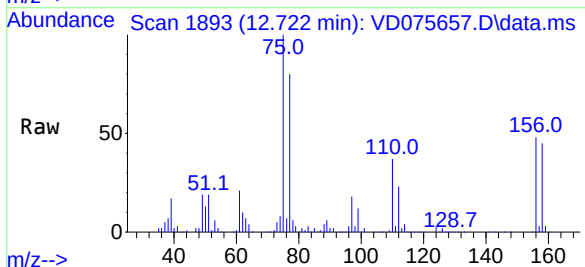
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

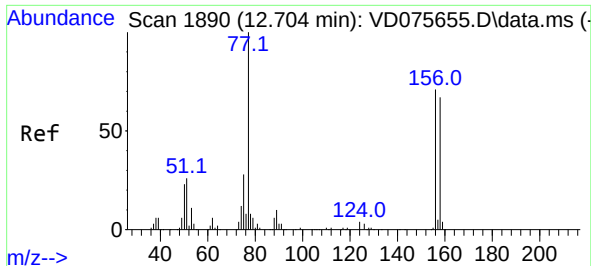
Tgt Ion: 83 Resp: 344878
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.2
85 65.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 322.859 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 75 Resp: 409349
Ion Ratio Lower Upper
75 100
77 175.9 0.0 0.0#

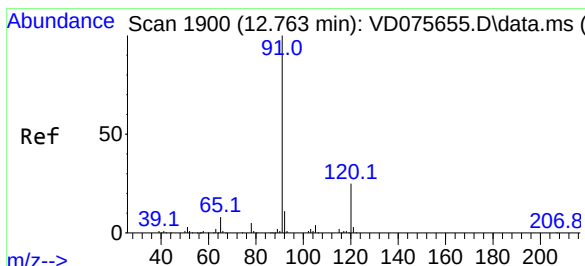
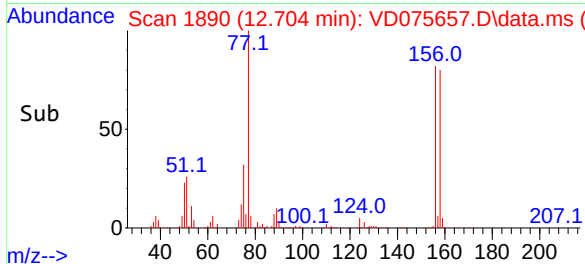
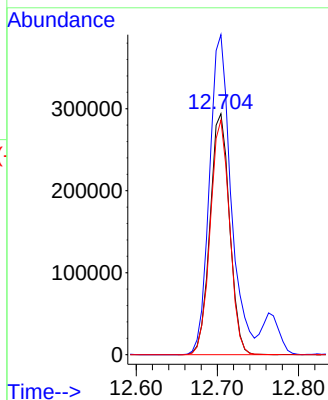
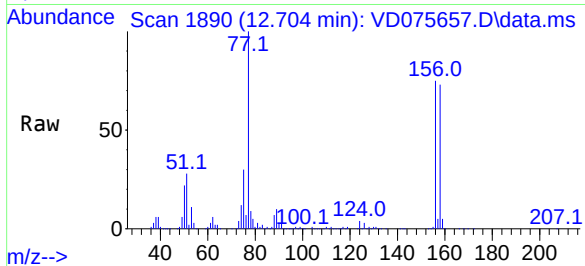




#77
Bromobenzene
Concen: 160.050 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

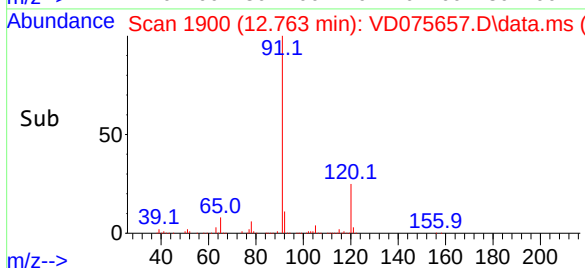
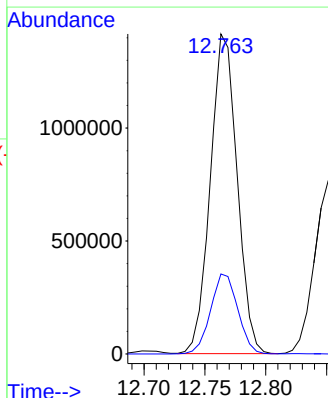
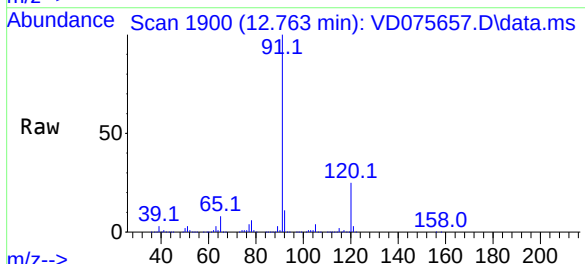
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

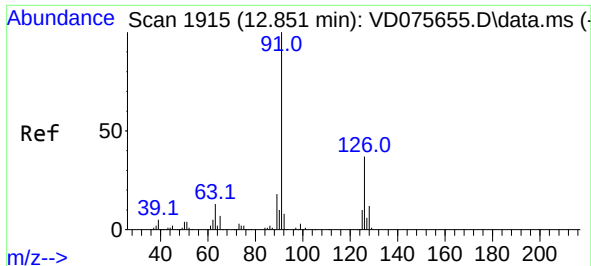
Tgt Ion:156 Resp: 492652
Ion Ratio Lower Upper
156 100
77 146.2 89.5 268.6
158 95.9 47.8 143.4



#78
n-propylbenzene
Concen: 148.072 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 91 Resp: 2167084
Ion Ratio Lower Upper
91 100
120 25.4 11.4 34.2

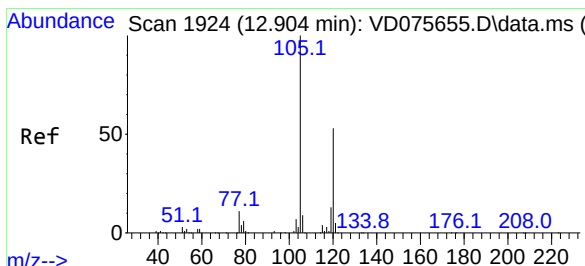
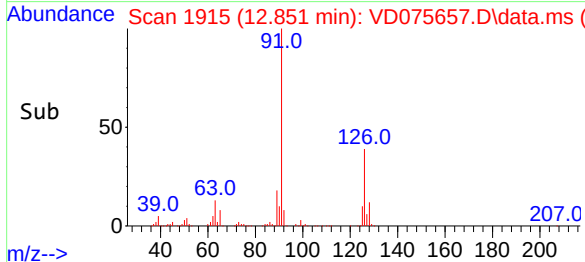
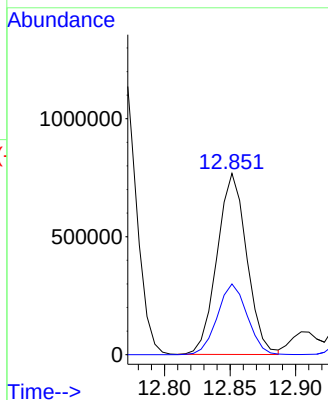
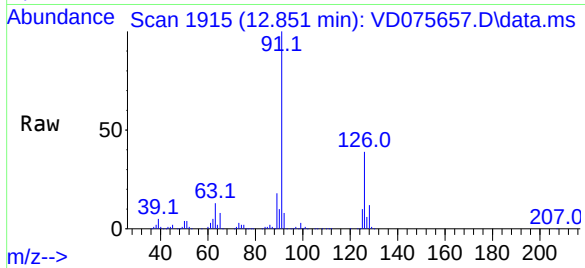




#79
2-Chlorotoluene
Concen: 145.673 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

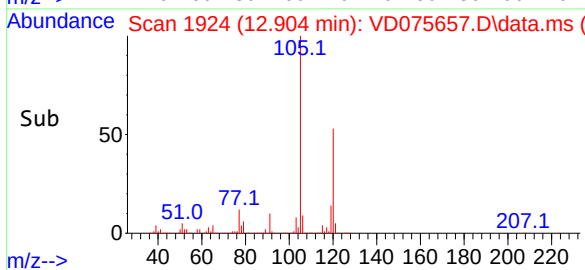
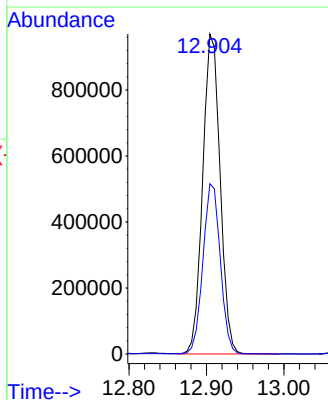
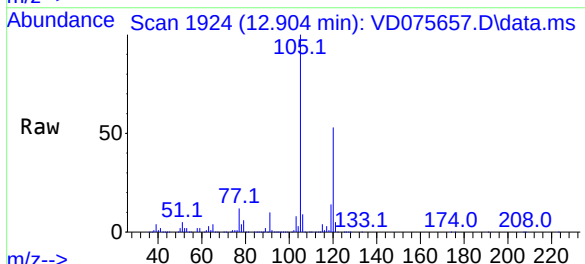
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

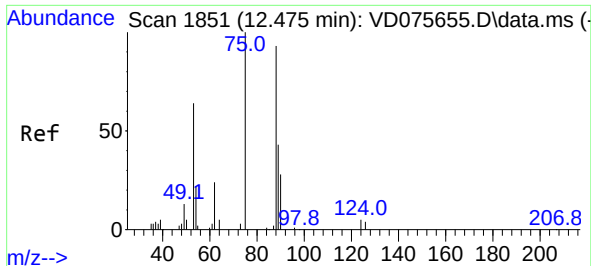
Tgt Ion: 91 Resp: 1209216
Ion Ratio Lower Upper
91 100
126 39.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 151.931 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 105 Resp: 1512269
Ion Ratio Lower Upper
105 100
120 53.1 24.3 72.8

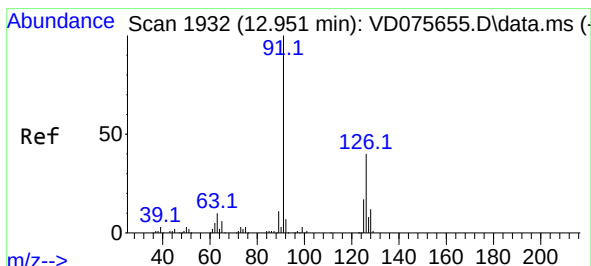
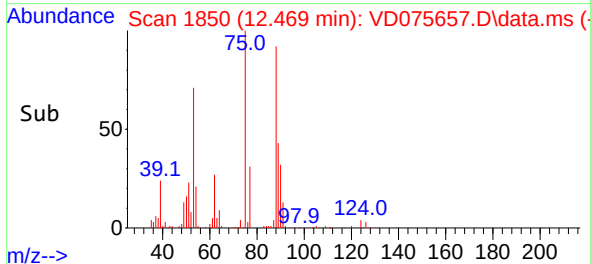
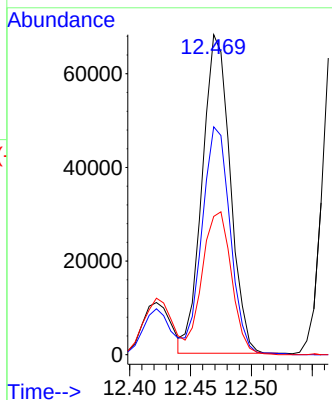
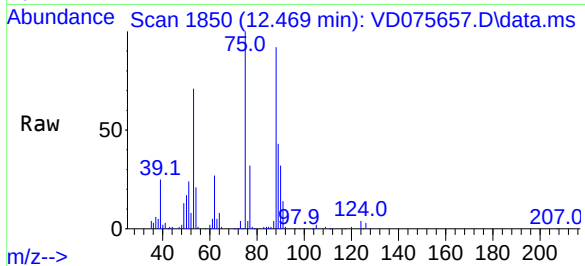




#81
trans-1,4-Dichloro-2-butene
Concen: 158.620 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

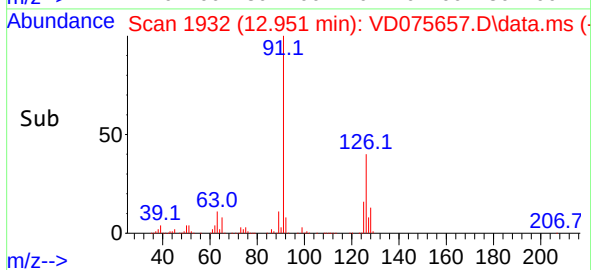
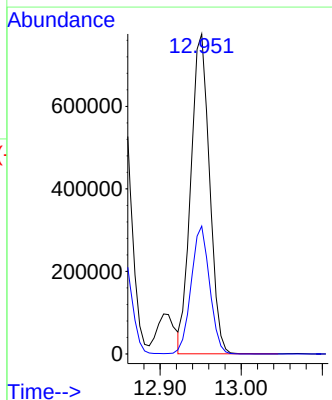
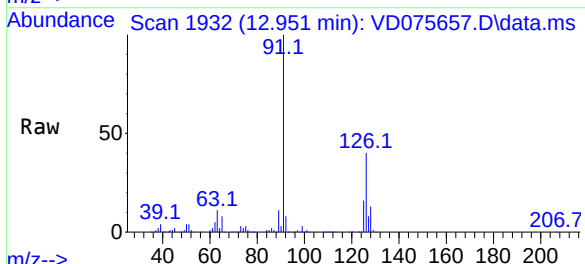
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

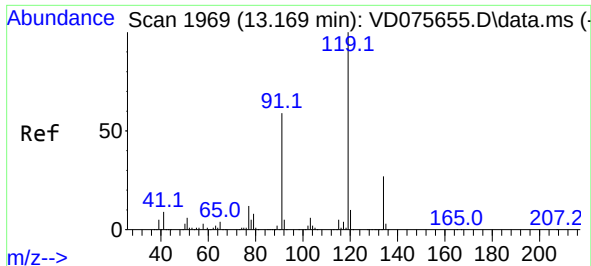
Tgt Ion: 75 Resp: 108575
Ion Ratio Lower Upper
75 100
53 72.6 90.5 135.7#
89 46.9 40.2 60.4



#82
4-Chlorotoluene
Concen: 143.281 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion: 91 Resp: 1236711
Ion Ratio Lower Upper
91 100
126 39.7 17.1 51.2

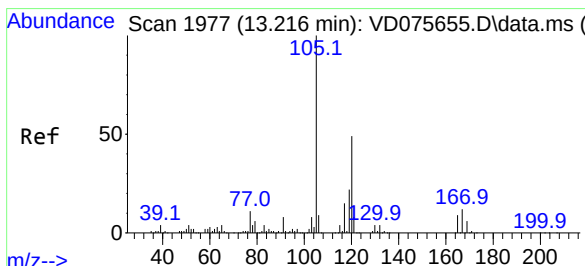
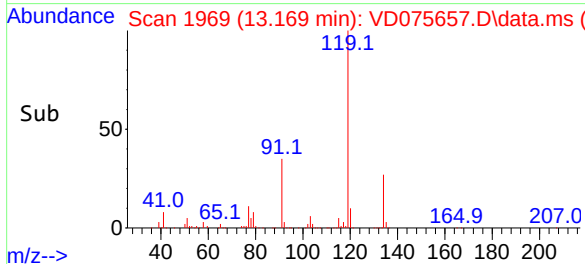
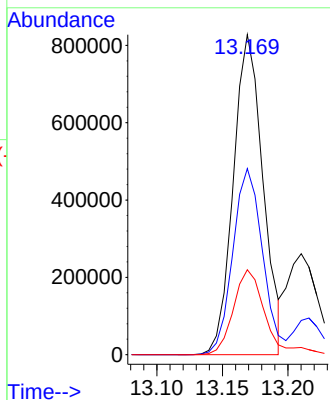
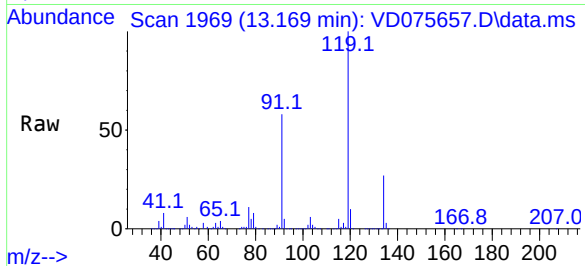




#83
tert-Butylbenzene
Concen: 155.378 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

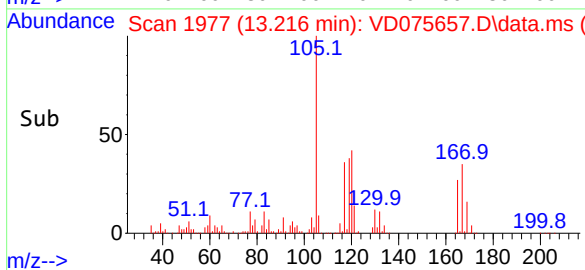
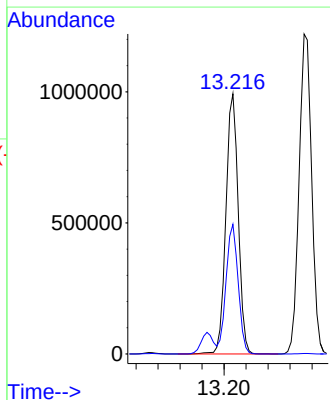
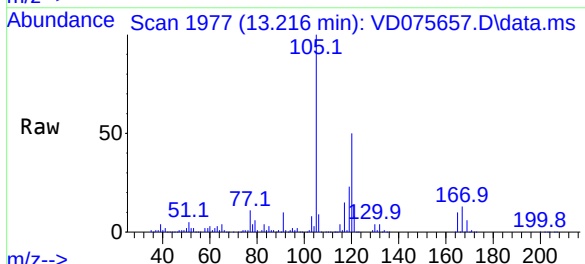
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

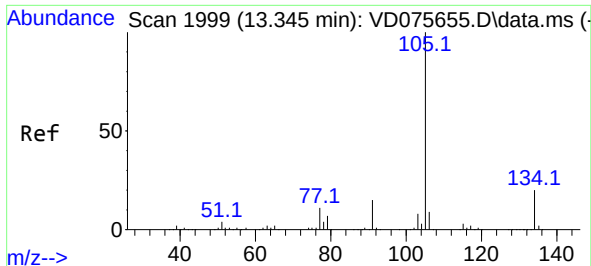
Tgt Ion:119 Resp: 1304047
Ion Ratio Lower Upper
119 100
91 58.6 32.4 97.0
134 28.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 154.448 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:105 Resp: 1542590
Ion Ratio Lower Upper
105 100
120 49.0 22.3 66.9

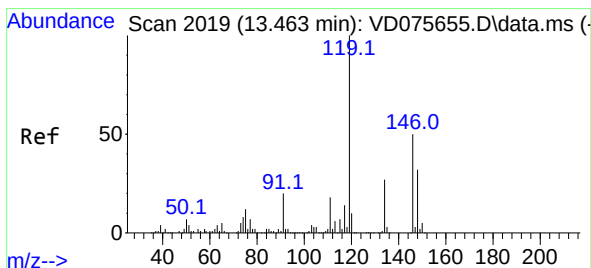
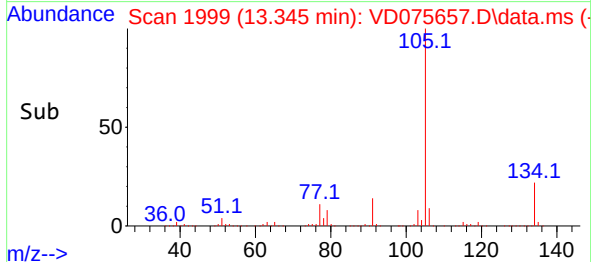
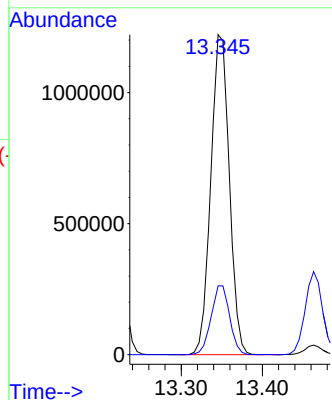
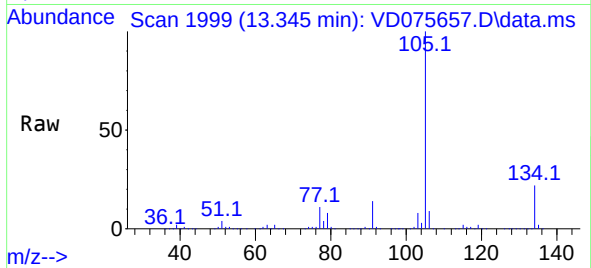




#85
 sec-Butylbenzene
 Concen: 149.143 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

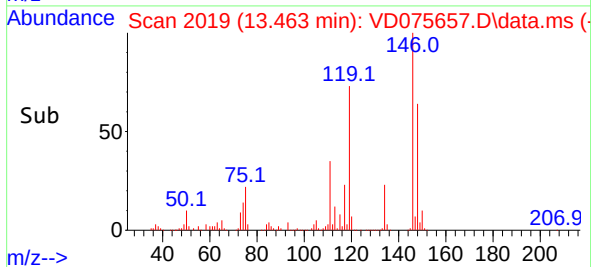
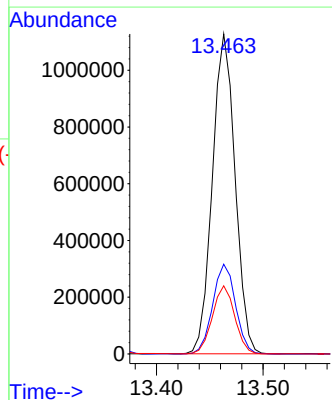
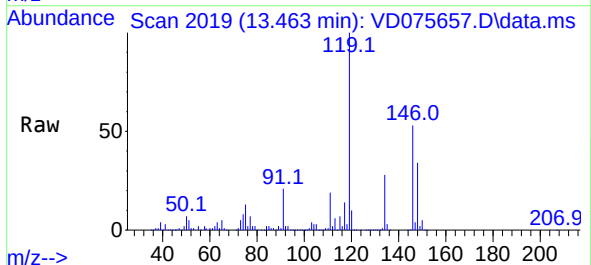
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

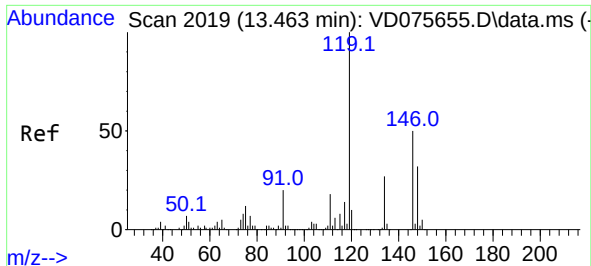
Tgt Ion:105 Resp: 1931018
 Ion Ratio Lower Upper
 105 100
 134 21.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 154.676 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075657.D
 Acq: 13 Apr 2023 13:10

Tgt Ion:119 Resp: 1667209
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.1 39.3
 91 21.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 150.079 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

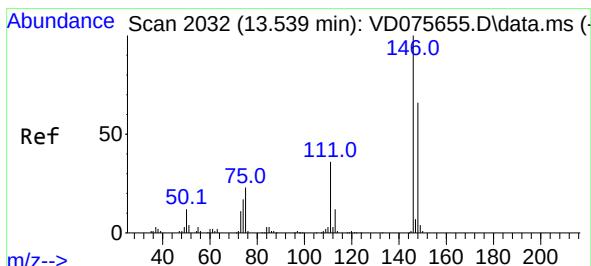
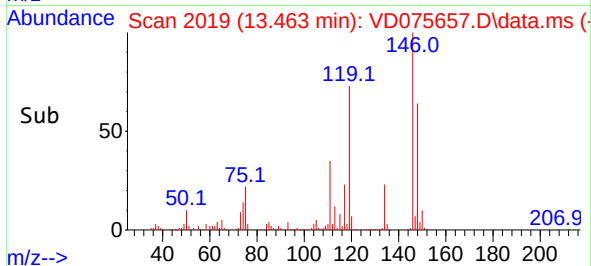
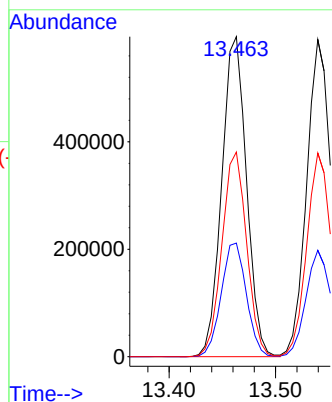
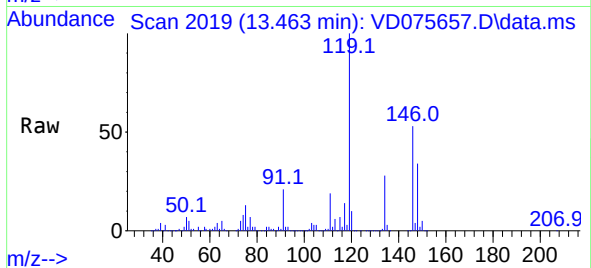
Tgt Ion:146 Resp: 961045

Ion Ratio Lower Upper

146 100

111 36.1 19.8 59.3

148 63.9 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 147.363 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD075657.D

Acq: 13 Apr 2023 13:10

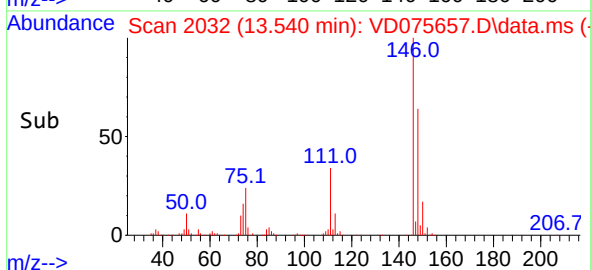
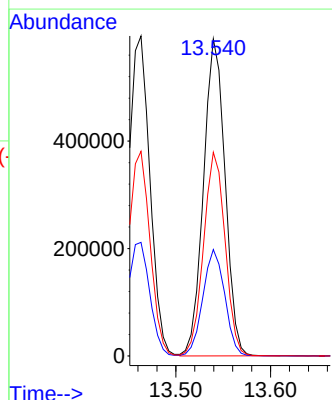
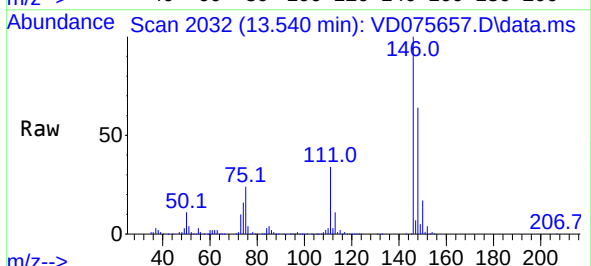
Tgt Ion:146 Resp: 932272

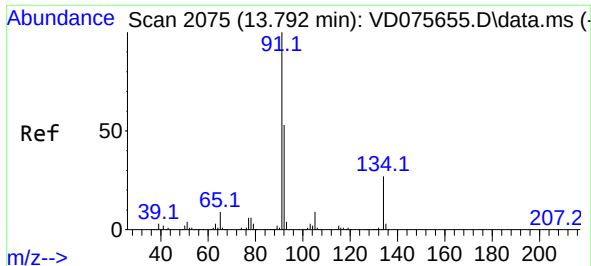
Ion Ratio Lower Upper

146 100

111 34.0 19.6 58.8

148 64.4 31.7 95.1

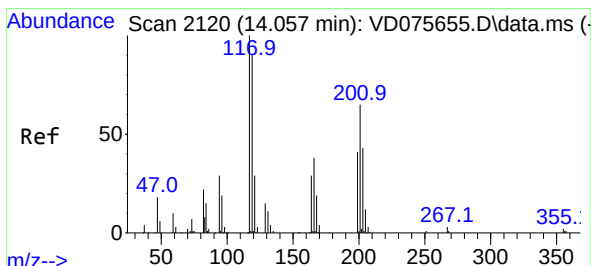
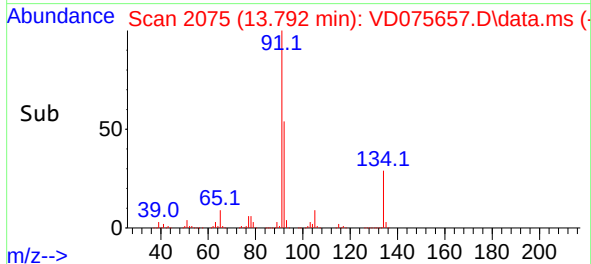
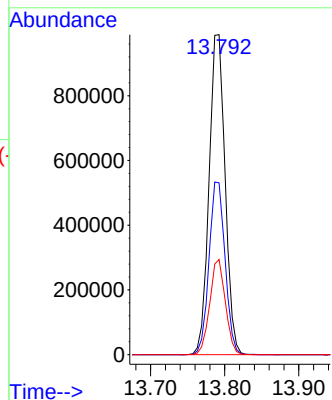
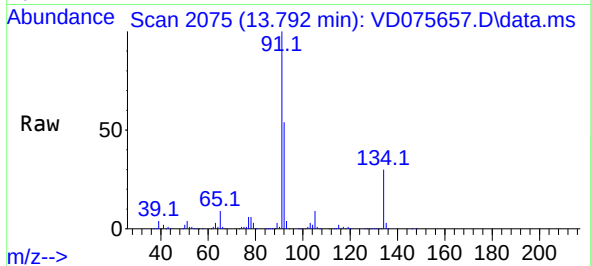




#89
n-Butylbenzene
Concen: 149.853 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

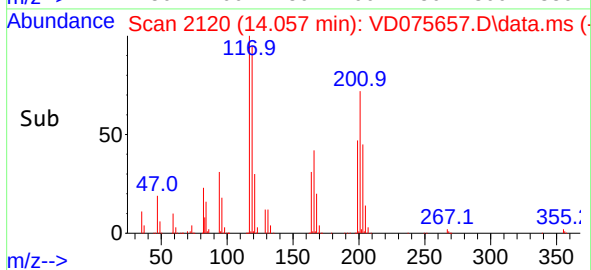
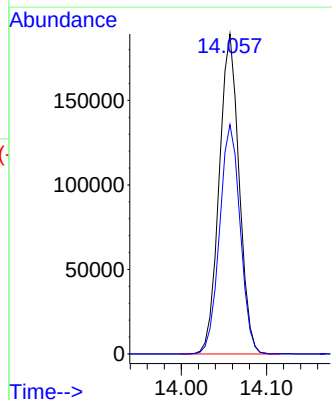
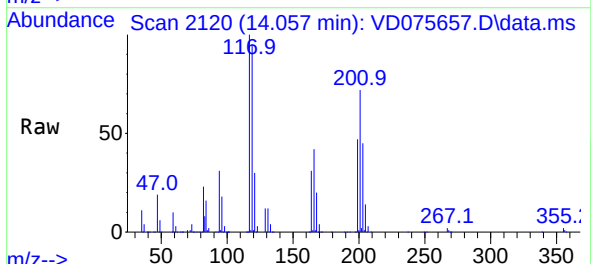
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

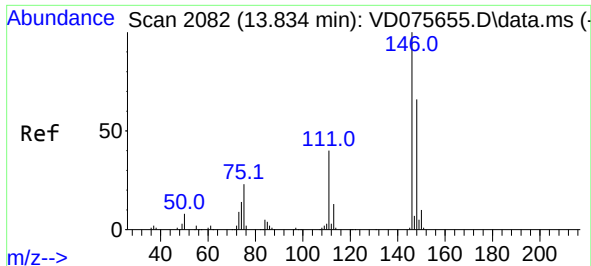
Tgt Ion: 91 Resp: 1487844
Ion Ratio Lower Upper
91 100
92 54.0 26.2 78.5
134 29.0 12.7 38.0



#90
Hexachloroethane
Concen: 143.711 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

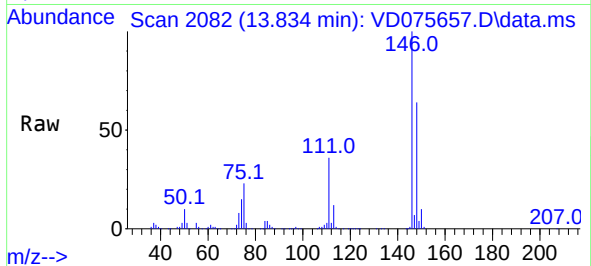
Tgt Ion: 117 Resp: 307770
Ion Ratio Lower Upper
117 100
201 73.9 34.5 103.6



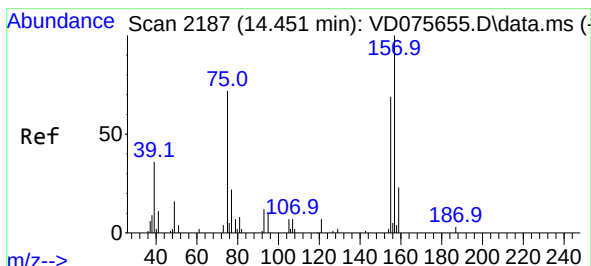
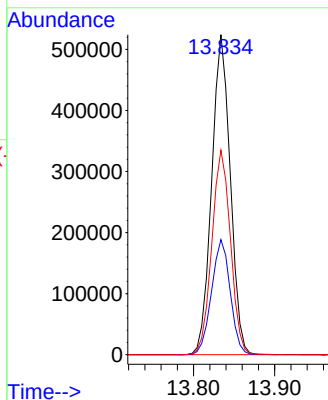
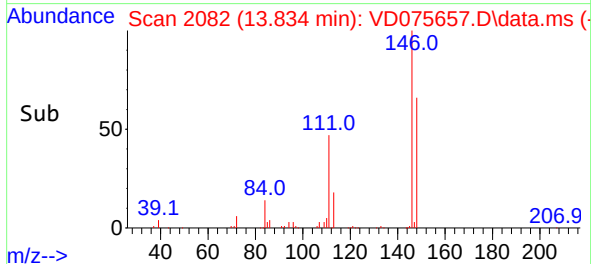


#91
1,2-Dichlorobenzene
Concen: 152.042 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

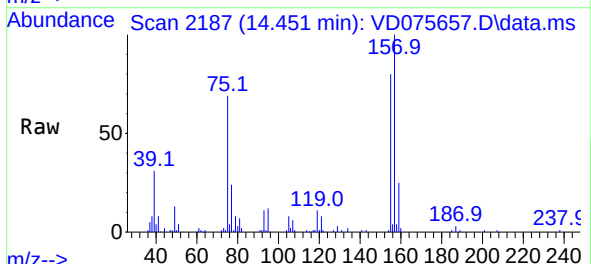
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



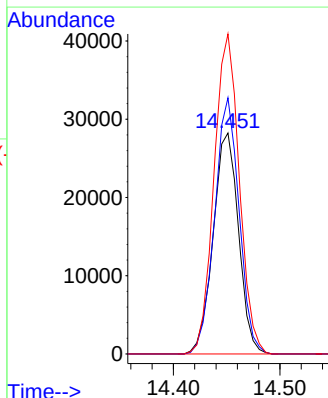
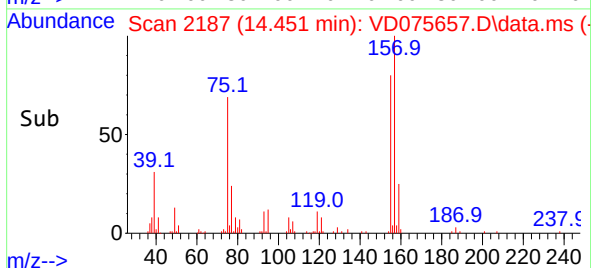
Tgt Ion:146 Resp: 834027
Ion Ratio Lower Upper
146 100
111 36.1 20.6 61.8
148 64.2 32.0 96.2

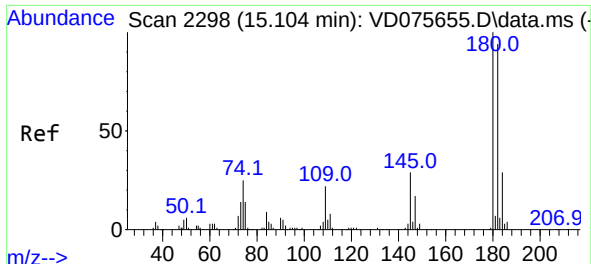


#92
1,2-Dibromo-3-Chloropropane
Concen: 149.802 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10



Tgt Ion: 75 Resp: 46577
Ion Ratio Lower Upper
75 100
155 112.4 39.5 118.5
157 144.3 53.5 160.7

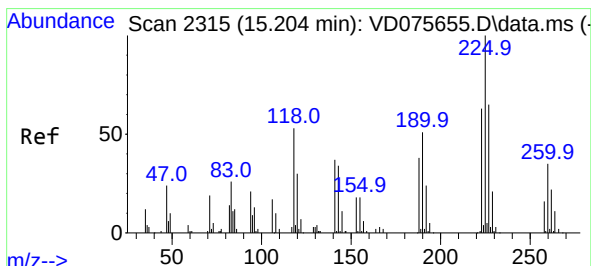
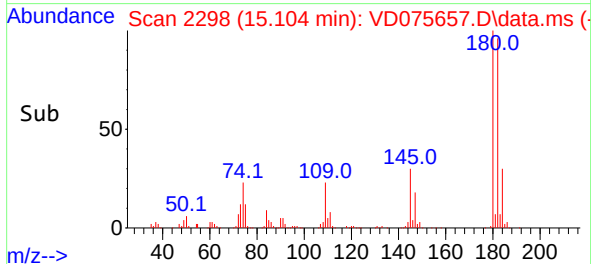
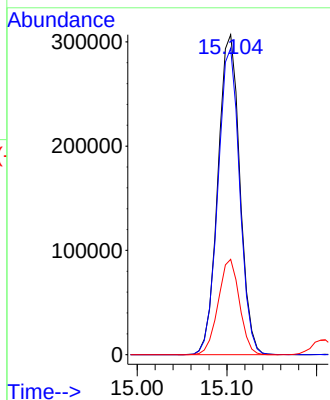
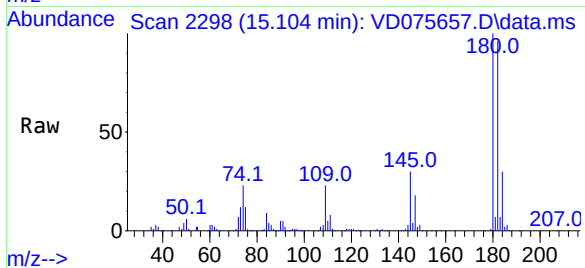




#93
1,2,4-Trichlorobenzene
Concen: 162.759 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

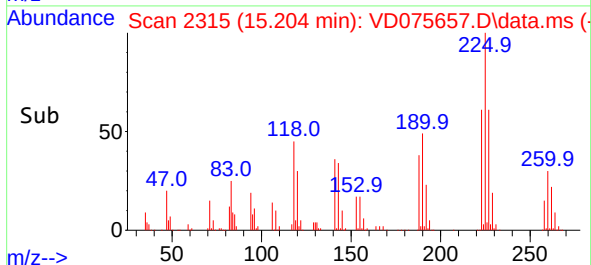
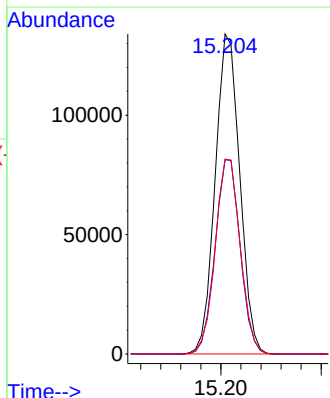
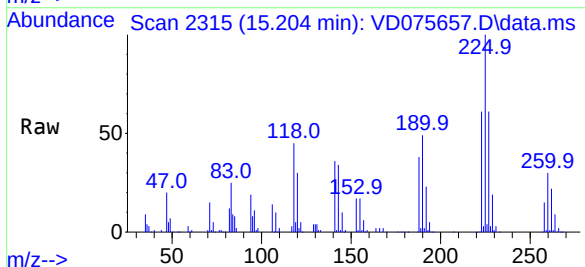
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

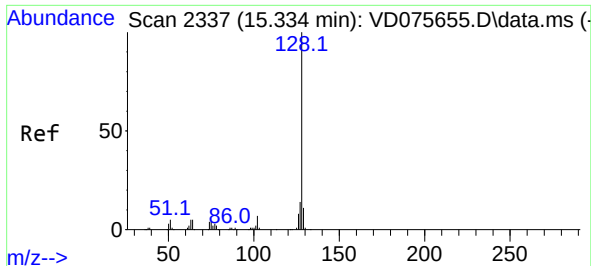
Tgt Ion:180 Resp: 519417
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.7
145 29.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 149.389 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:225 Resp: 227869
Ion Ratio Lower Upper
225 100
223 61.8 33.1 99.2
227 61.9 31.9 95.9

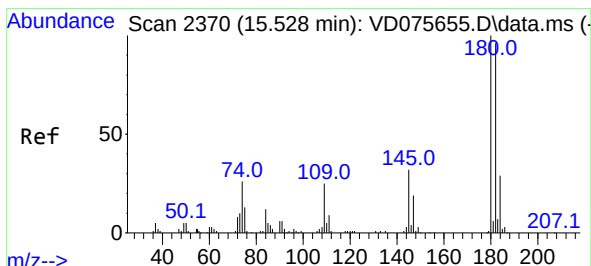
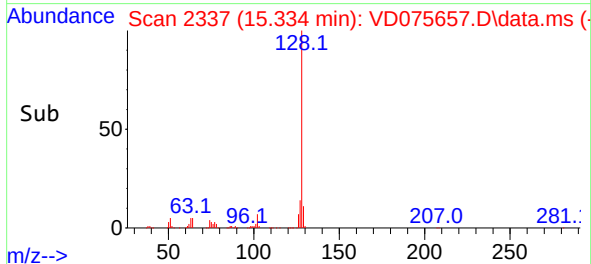
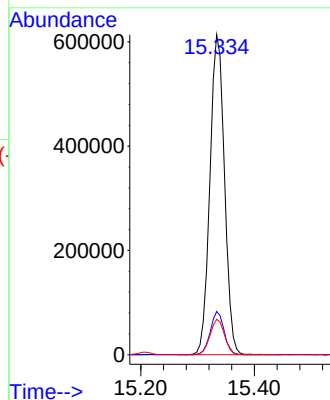
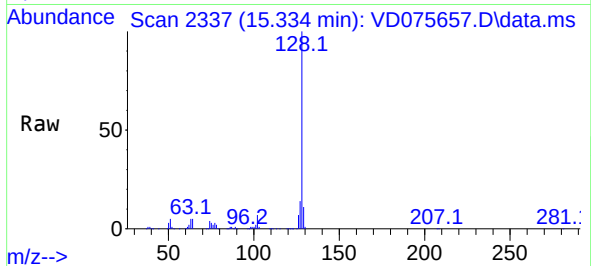




#95
Naphthalene
Concen: 180.073 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1088717
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 163.518 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075657.D
Acq: 13 Apr 2023 13:10

Tgt Ion:180 Resp: 459310
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 31.2 16.4 49.4

