

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075659.D
 Acq On : 13 Apr 2023 14:26
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041323

Quant Time: Apr 14 01:33:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	234238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	394070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	369953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	188100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104582	47.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.804	113	128190	48.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.269	98	518070	48.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.575	95	147843	52.404	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	105800	48.611	ug/l	97
3) Chloromethane	2.146	50	192841	49.069	ug/l	100
4) Vinyl Chloride	2.281	62	255186	48.933	ug/l	99
5) Bromomethane	2.687	94	174000	42.733	ug/l	97
6) Chloroethane	2.834	64	165576	47.157	ug/l	99
7) Trichlorofluoromethane	3.169	101	198432	49.108	ug/l	99
8) Diethyl Ether	3.593	74	63696	50.648	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.963	101	124843	49.269	ug/l	95
10) Methyl Iodide	4.158	142	159884	46.105	ug/l	90
11) Tert butyl alcohol	5.046	59	29611	265.369	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	129524	49.368	ug/l	85
13) Acrolein	3.793	56	54526	242.256	ug/l	99
14) Allyl chloride	4.558	41	118075	49.416	ug/l #	80
15) Acrylonitrile	5.252	53	119164	253.689	ug/l	98
16) Acetone	4.022	43	103688	254.561	ug/l #	77
17) Carbon Disulfide	4.263	76	412183	48.009	ug/l	97
18) Methyl Acetate	4.563	43	68709	50.022	ug/l #	70
19) Methyl tert-butyl Ether	5.311	73	265099	52.065	ug/l	99
20) Methylene Chloride	4.799	84	153806	48.696	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	151468	48.475	ug/l #	73
22) Diisopropyl ether	6.216	45	274845	50.905	ug/l #	86
23) Vinyl Acetate	6.152	43	685396	273.303	ug/l #	80
24) 1,1-Dichloroethane	6.110	63	216038	48.288	ug/l	96
25) 2-Butanone	7.081	43	134694	256.831	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	195412	48.178	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	169267	48.902	ug/l	81
28) Bromochloromethane	7.422	49	66265	46.856	ug/l #	44
29) Tetrahydrofuran	7.440	42	77326	269.618	ug/l #	54
30) Chloroform	7.593	83	242357	47.784	ug/l	97
31) Cyclohexane	7.875	56	166449	47.707	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	202938	49.071	ug/l	95
36) 1,1-Dichloropropene	8.004	75	181264	49.572	ug/l	93
37) Ethyl Acetate	7.163	43	56325	50.616	ug/l #	79
38) Carbon Tetrachloride	7.987	117	169239	52.558	ug/l	97
39) Methylcyclohexane	9.275	83	226651	53.603	ug/l	90
40) Benzene	8.246	78	569586	50.107	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27190	50.917	ug/l #	59
42) 1,2-Dichloroethane	8.322	62	129098	50.000	ug/l	89
43) Isopropyl Acetate	8.357	43	105955	52.216	ug/l #	77
44) Trichloroethene	9.028	130	160426	49.867	ug/l	90
45) 1,2-Dichloropropane	9.304	63	126231	49.554	ug/l	99
46) Dibromomethane	9.393	93	79825	49.396	ug/l	94
47) Bromodichloromethane	9.581	83	186200	50.371	ug/l	99
48) Methyl methacrylate	9.381	41	49330	54.565	ug/l #	58
49) 1,4-Dioxane	9.381	88	15511	967.421	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	284382	262.851	ug/l #	79
52) Toluene	10.334	92	374888	49.597	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	175082	49.408	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	212523	50.477	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	112164	47.936	ug/l	96
56) Ethyl methacrylate	10.598	69	123280	53.537	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	175058	49.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	265011	267.975	ug/l #	87
59) 2-Hexanone	10.922	43	206314	271.211	ug/l	70
60) Dibromochloromethane	11.075	129	133263	48.672	ug/l	97
61) 1,2-Dibromoethane	11.181	107	108733	48.714	ug/l	97
64) Tetrachloroethene	10.810	164	129003	48.418	ug/l	97
65) Chlorobenzene	11.610	112	400200	50.505	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	137567	50.500	ug/l	95
67) Ethyl Benzene	11.687	91	690591	53.701	ug/l	97
68) m/p-Xylenes	11.793	106	566376	107.465	ug/l	90
69) o-Xylene	12.122	106	264354	55.471	ug/l	91
70) Styrene	12.134	104	456120	52.094	ug/l	93
71) Bromoform	12.298	173	77353	54.320	ug/l #	99
73) Isopropylbenzene	12.422	105	657174	53.234	ug/l	98
74) N-amyl acetate	12.234	43	99020	54.585	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	122227	50.969	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	142496	92.895	ug/l #	100
77) Bromobenzene	12.704	156	160613	50.466	ug/l	88
78) n-propylbenzene	12.763	91	796368	52.628	ug/l	96
79) 2-Chlorotoluene	12.851	91	424106	49.414	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	537487	52.226	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	38089	53.818	ug/l #	69
82) 4-Chlorotoluene	12.945	91	450552	50.486	ug/l	93
83) tert-Butylbenzene	13.169	119	460871	53.111	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	542288	52.513	ug/l	94
85) sec-Butylbenzene	13.345	105	705750	52.719	ug/l	98
86) p-Isopropyltoluene	13.463	119	591564	53.081	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	331668	50.094	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	324670	49.636	ug/l	97
89) n-Butylbenzene	13.787	91	533096	51.930	ug/l	97
90) Hexachloroethane	14.057	117	109848	49.609	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	287790	50.742	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15458	48.084	ug/l	73
93) 1,2,4-Trichlorobenzene	15.104	180	163927	49.680	ug/l	98
94) Hexachlorobutadiene	15.204	225	72611	46.041	ug/l	98
95) Naphthalene	15.334	128	326801	52.278	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	143845	49.529	ug/l	98

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QLast Update : Thu Apr 13 14:16:29 2023
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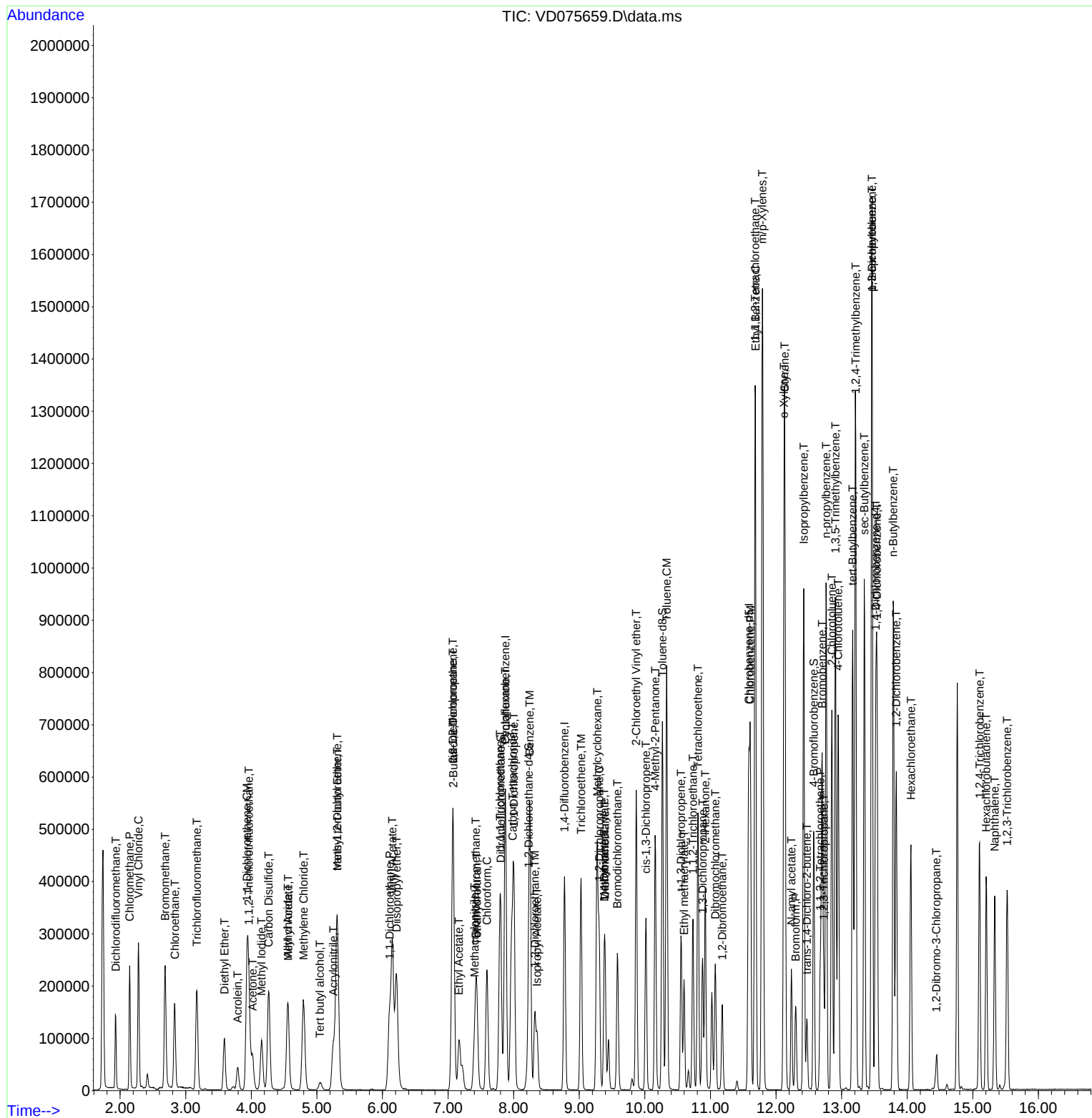
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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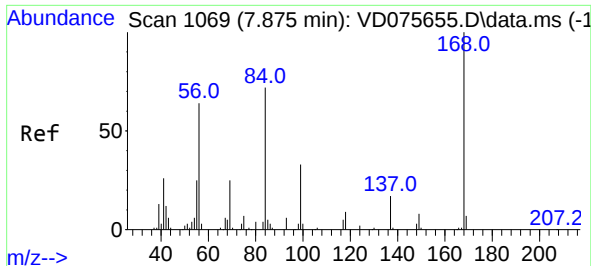
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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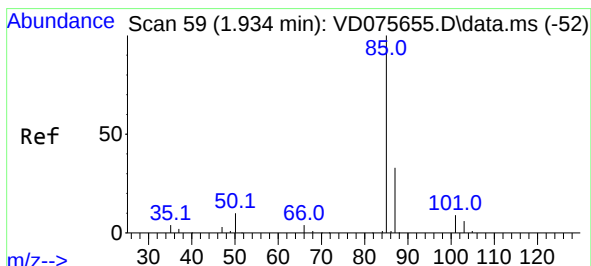
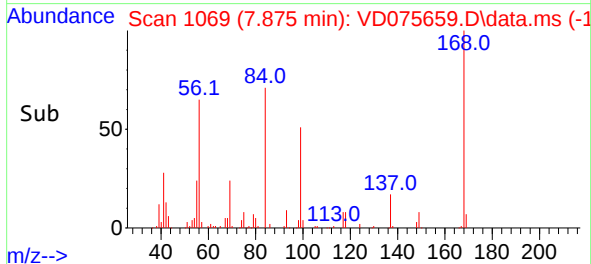
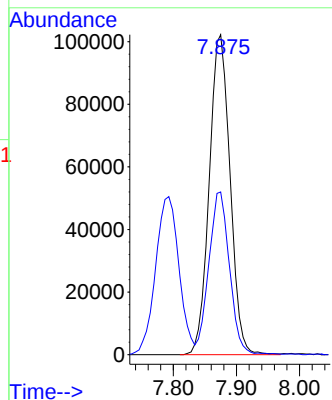
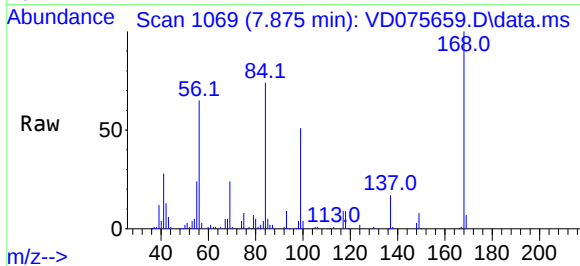




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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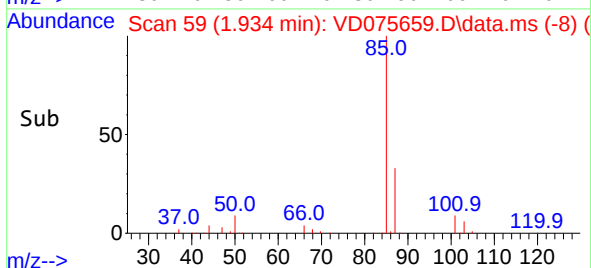
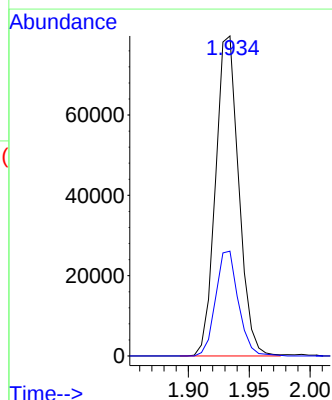
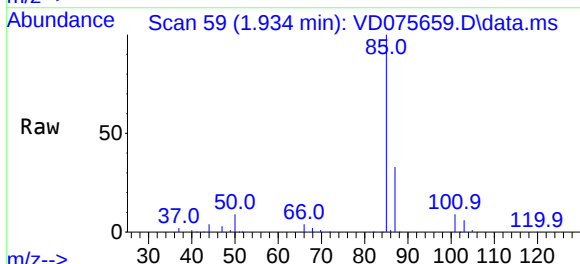
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

Tgt Ion:168 Resp: 234238
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6

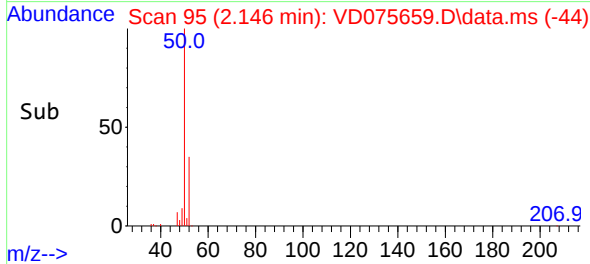
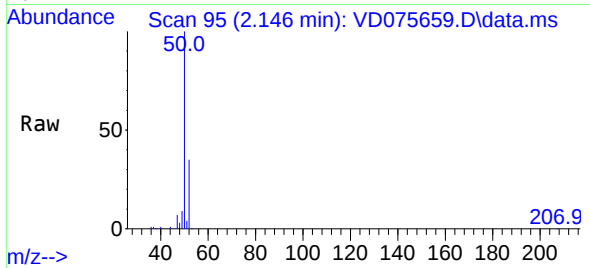
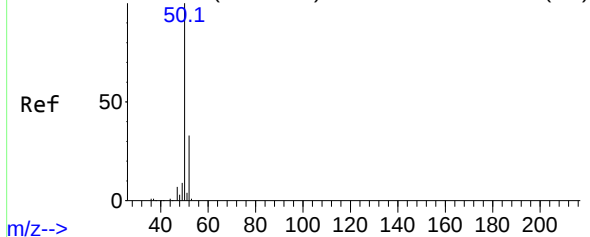


#2
Dichlorodifluoromethane
Concen: 48.611 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 85 Resp: 105800
Ion Ratio Lower Upper
85 100
87 32.7 17.3 51.7



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



#3

Chloromethane

Concen: 49.069 ug/l

RT: 2.146 min Scan# 95

Delta R.T. -0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

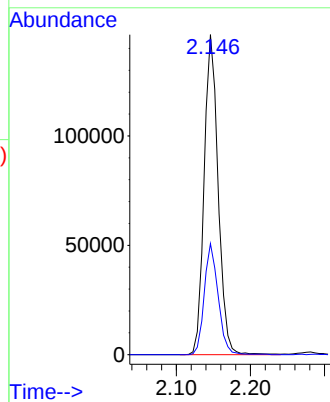
ICVVD041323

Tgt Ion: 50 Resp: 192841

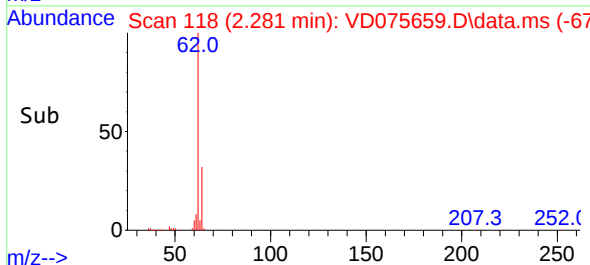
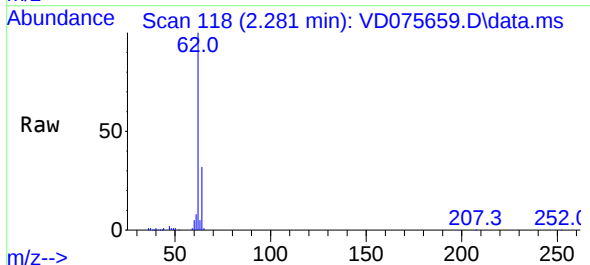
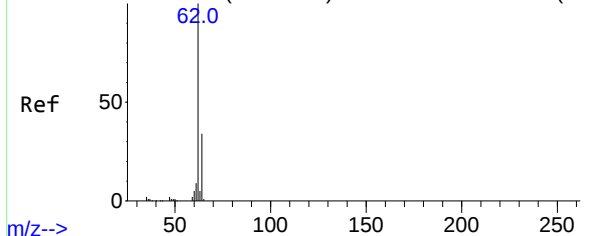
Ion Ratio Lower Upper

50 100

52 34.7 27.8 41.8



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



#4

Vinyl Chloride

Concen: 48.933 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD075659.D

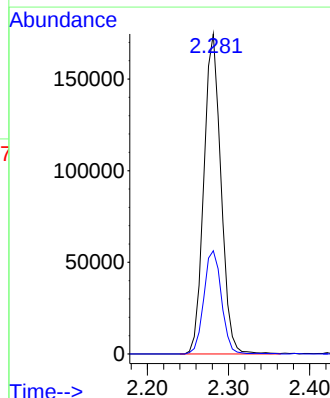
Acq: 13 Apr 2023 14:26

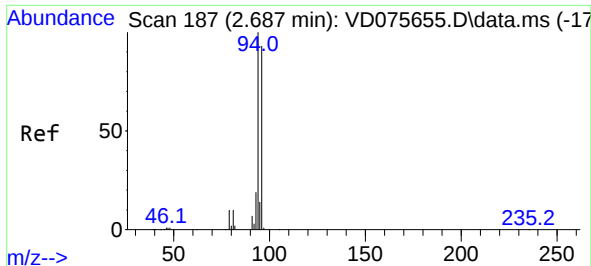
Tgt Ion: 62 Resp: 255186

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0

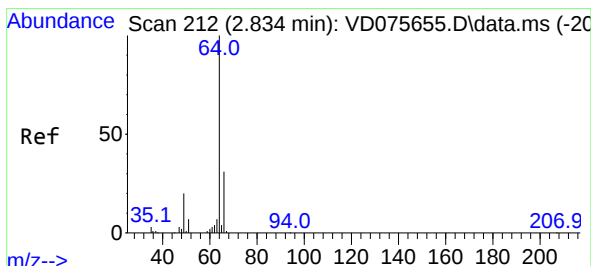
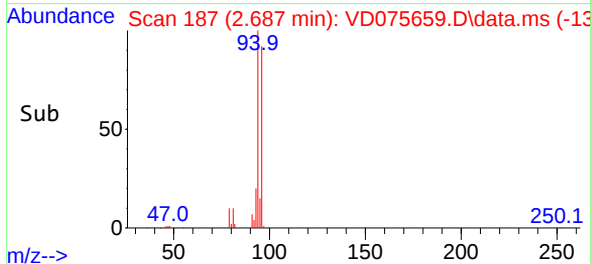
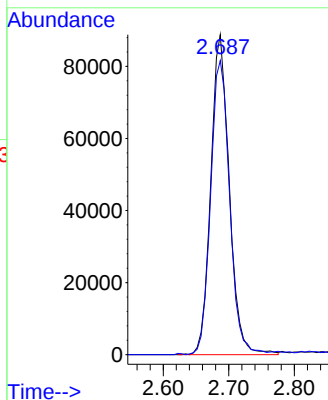
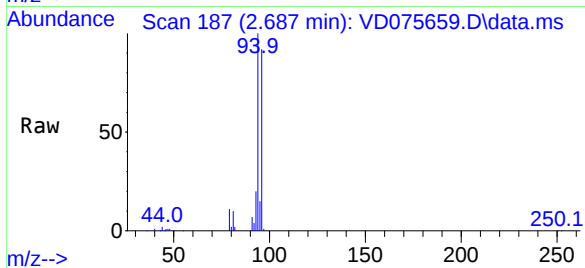




#5
Bromomethane
Concen: 42.733 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

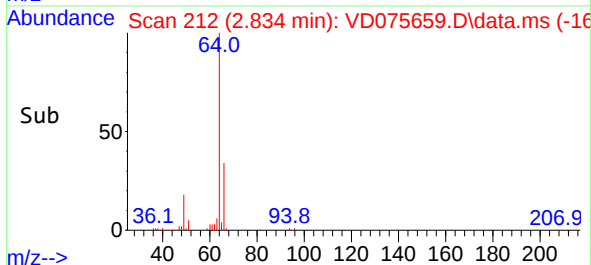
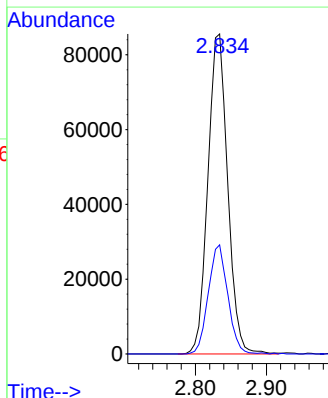
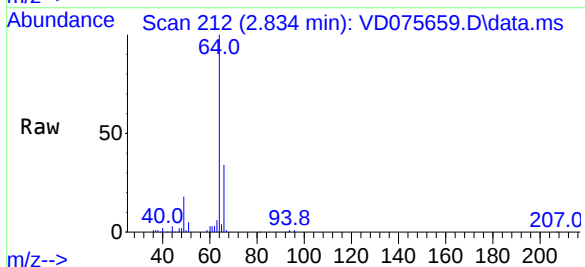
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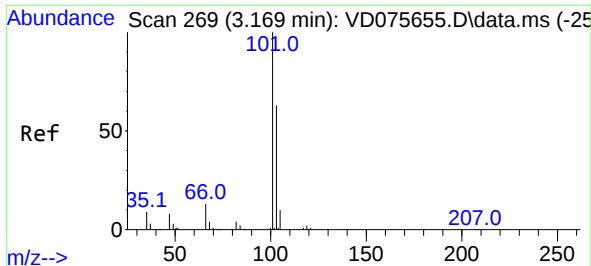
Tgt Ion: 94 Resp: 174000
Ion Ratio Lower Upper
94 100
96 94.1 77.5 116.3



#6
Chloroethane
Concen: 47.157 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 64 Resp: 165576
Ion Ratio Lower Upper
64 100
66 34.1 27.7 41.5

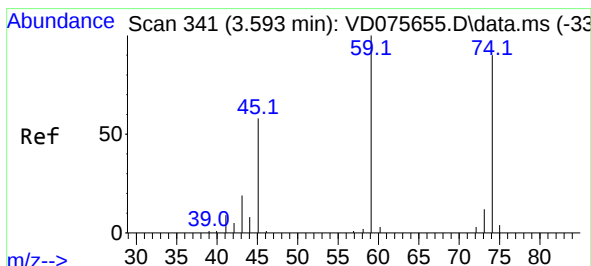
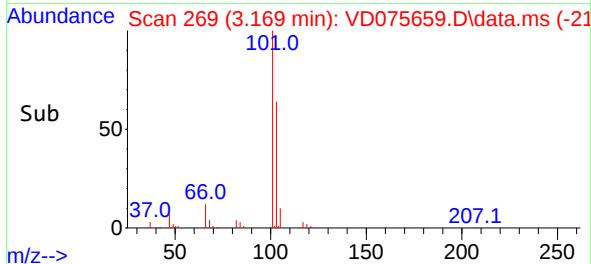
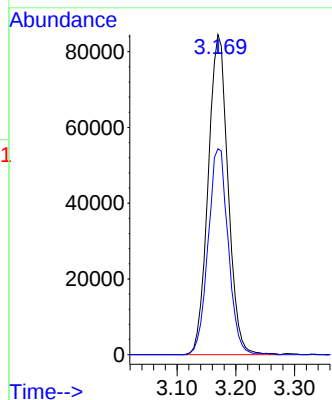
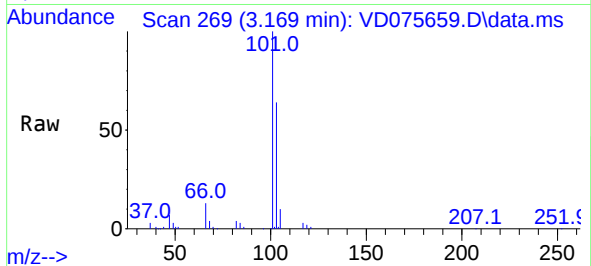




#7
 Trichlorofluoromethane
 Concen: 49.108 ug/l
 RT: 3.169 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD075659.D
 Acq: 13 Apr 2023 14:26

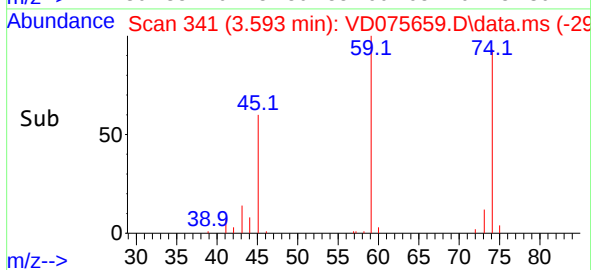
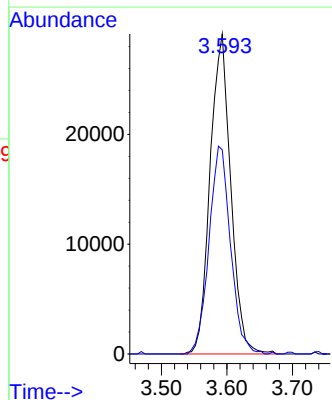
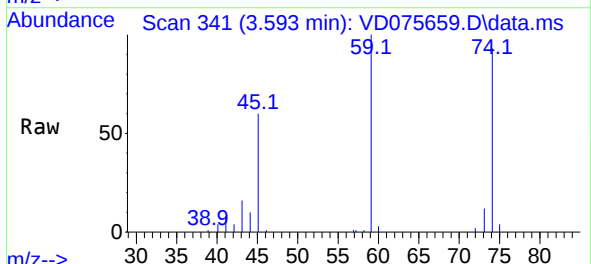
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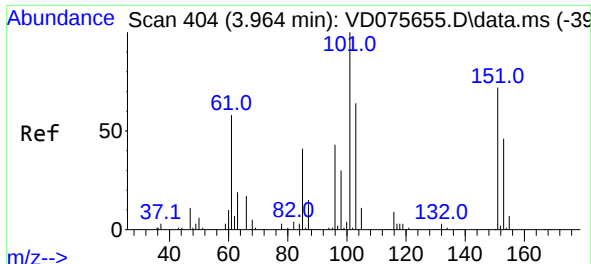
Tgt Ion:101 Resp: 198432
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.648 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075659.D
 Acq: 13 Apr 2023 14:26

Tgt Ion: 74 Resp: 63696
 Ion Ratio Lower Upper
 74 100
 45 67.7 50.9 152.7

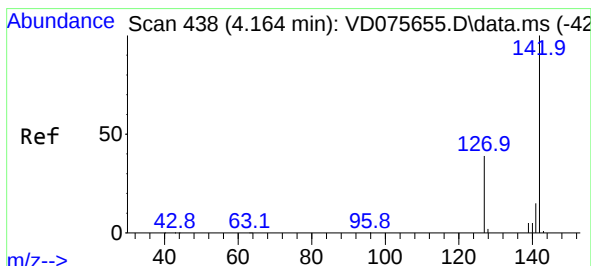
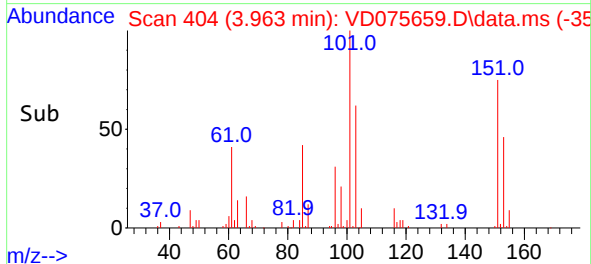
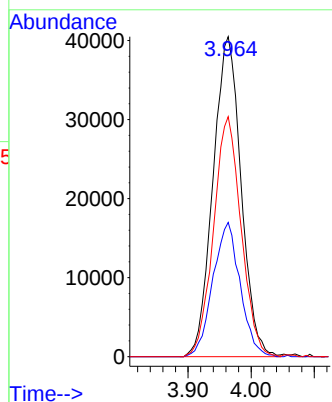
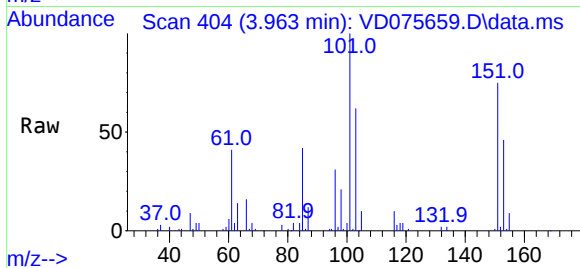




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.269 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

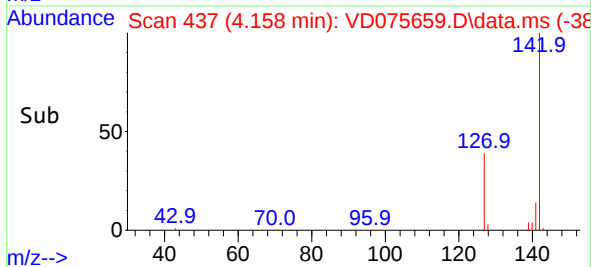
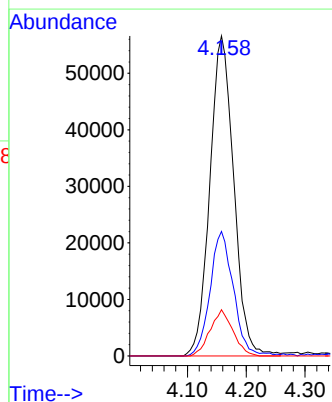
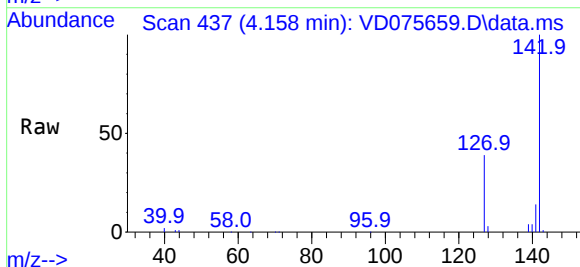
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

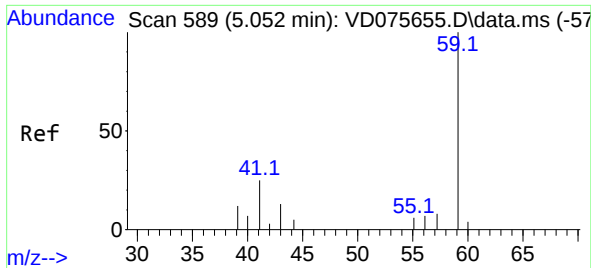
Tgt Ion:101 Resp: 124843
Ion Ratio Lower Upper
101 100
85 40.8 38.3 57.5
151 73.8 60.4 90.6



#10
Methyl Iodide
Concen: 46.105 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:142 Resp: 159884
Ion Ratio Lower Upper
142 100
127 38.0 37.1 55.7
141 13.8 11.3 16.9

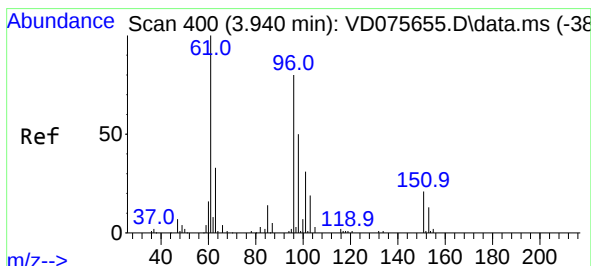
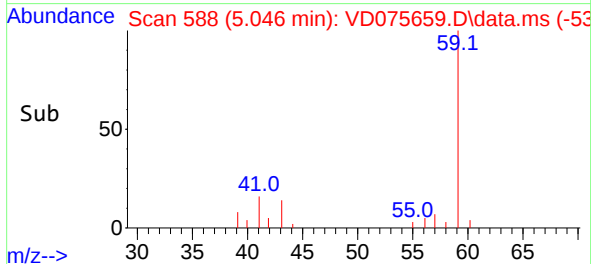
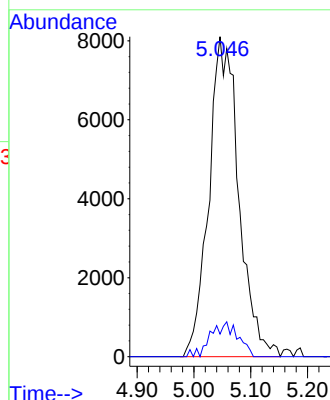
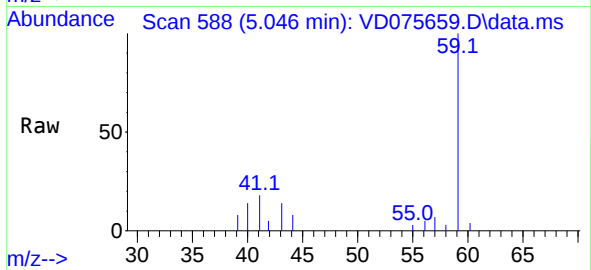




#11
Tert butyl alcohol
Concen: 265.369 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

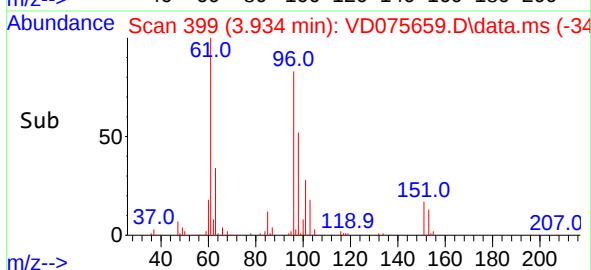
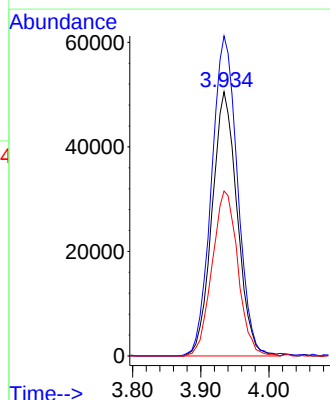
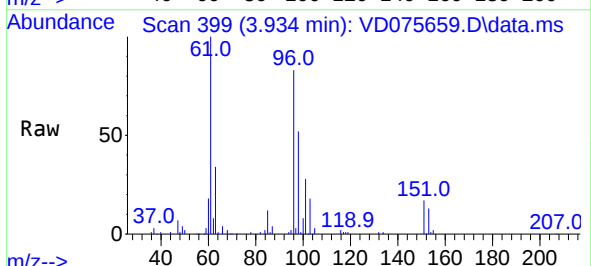
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

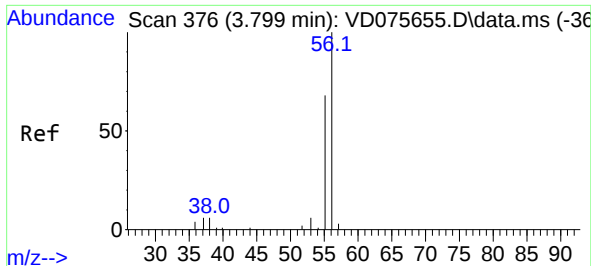
Tgt Ion: 59 Resp: 29611
Ion Ratio Lower Upper
59 100
57 9.7 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 49.368 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 96 Resp: 129524
Ion Ratio Lower Upper
96 100
61 121.1 118.6 177.8
98 62.5 49.7 74.5

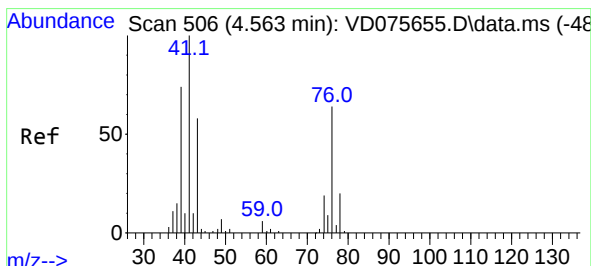
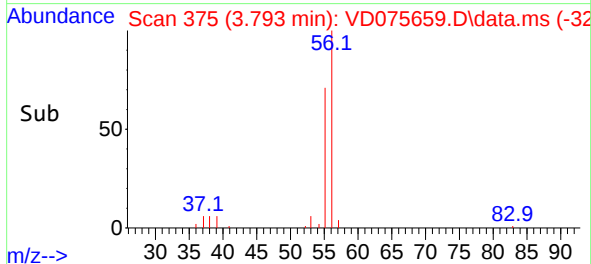
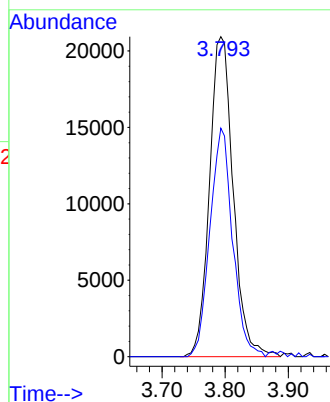
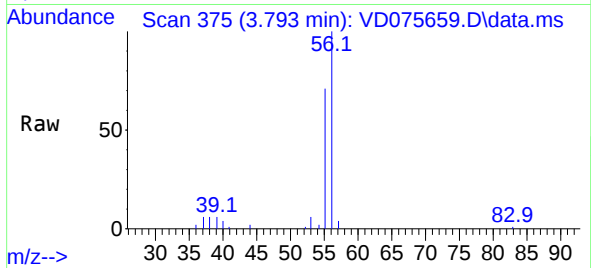




#13
Acrolein
Concen: 242.256 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

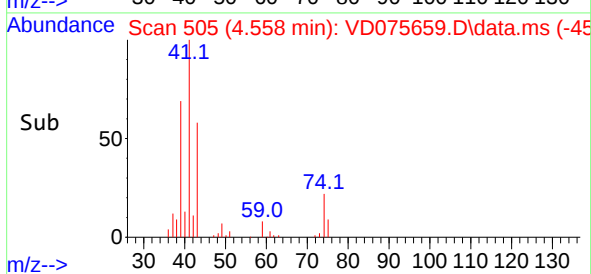
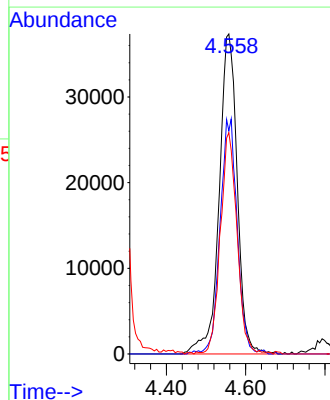
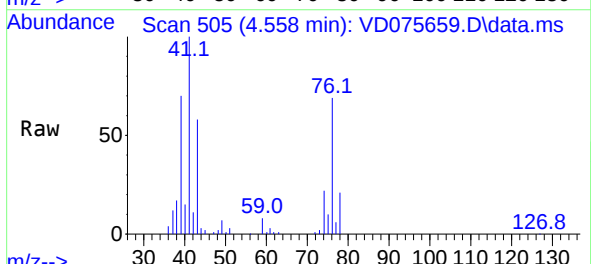
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

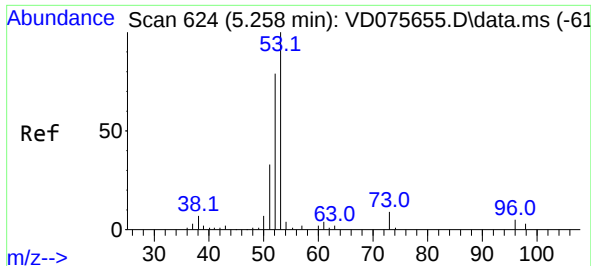
Tgt Ion: 56 Resp: 54526
Ion Ratio Lower Upper
56 100
55 68.3 53.9 80.9



#14
Allyl chloride
Concen: 49.416 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 41 Resp: 118075
Ion Ratio Lower Upper
41 100
39 69.6 60.6 90.8
76 63.9 28.6 43.0#

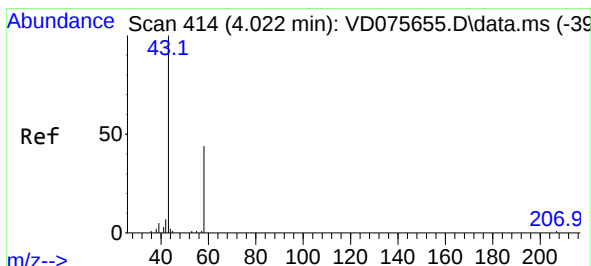
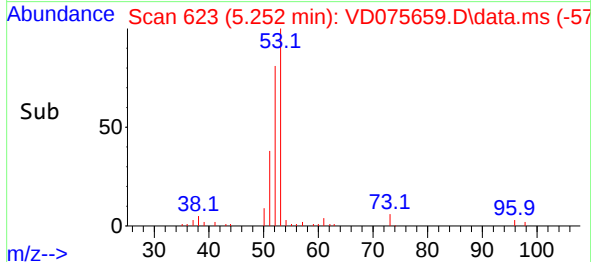
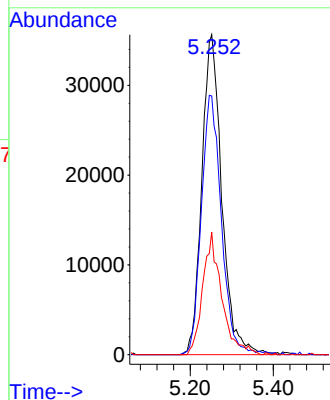
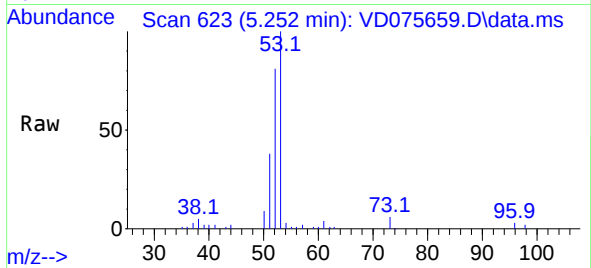




#15
Acrylonitrile
Concen: 253.689 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

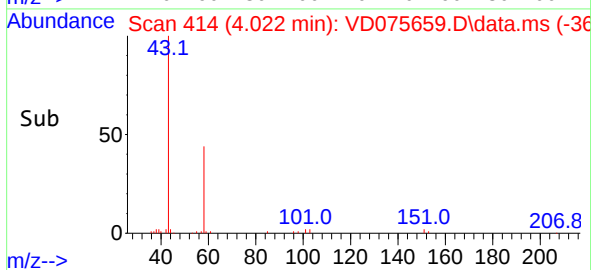
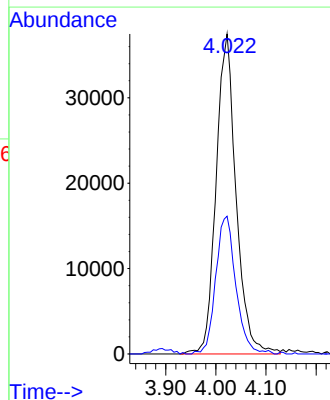
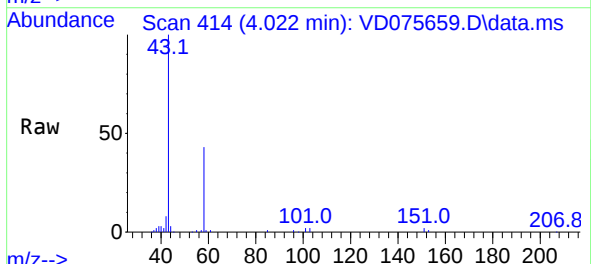
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

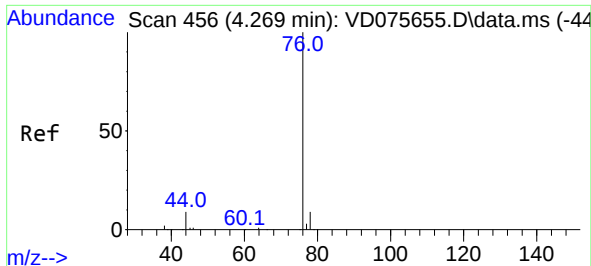
Tgt Ion: 53 Resp: 119164
Ion Ratio Lower Upper
53 100
52 81.4 66.2 99.4
51 36.2 30.7 46.1



#16
Acetone
Concen: 254.561 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 43 Resp: 103688
Ion Ratio Lower Upper
43 100
58 43.1 24.4 36.6#

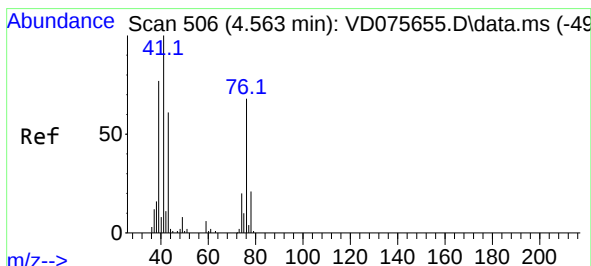
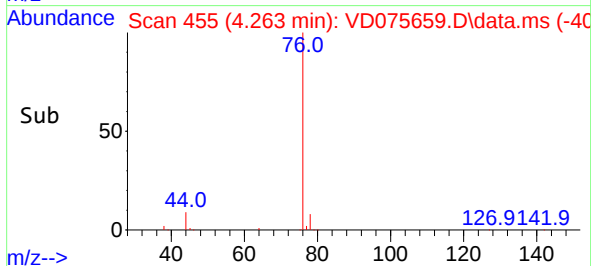
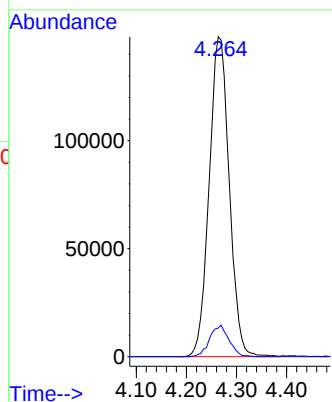
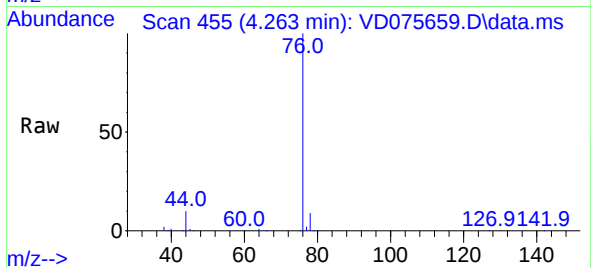




#17
Carbon Disulfide
Concen: 48.009 ug/l
RT: 4.263 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

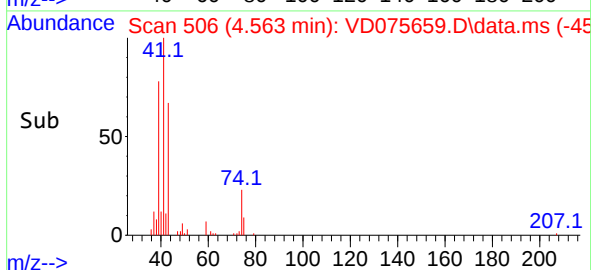
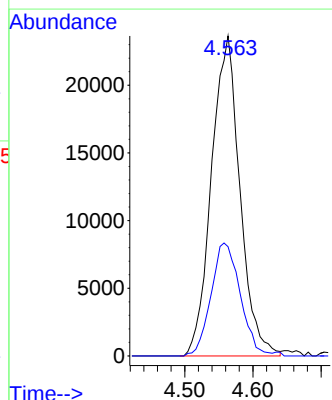
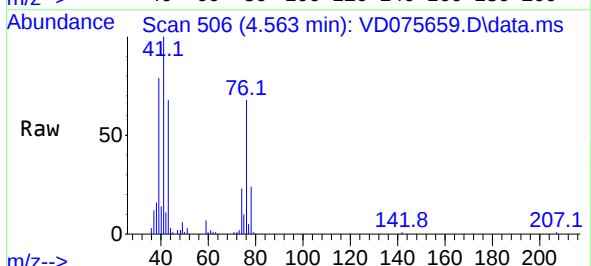
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

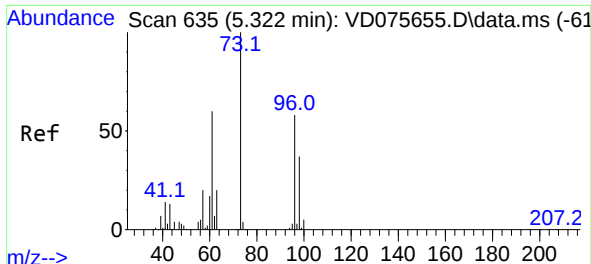
Tgt Ion: 76 Resp: 412183
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 50.022 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 43 Resp: 68709
Ion Ratio Lower Upper
43 100
74 36.5 17.8 26.6#

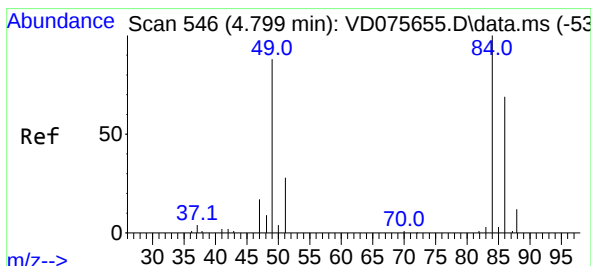
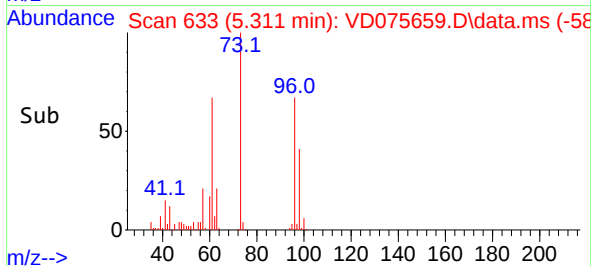
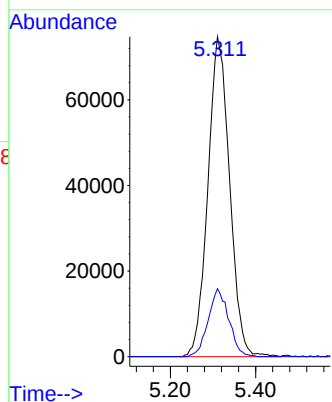
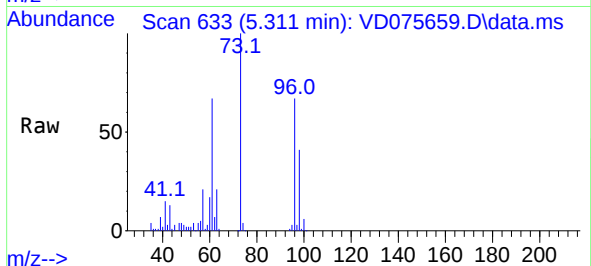




#19
Methyl tert-butyl Ether
Concen: 52.065 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

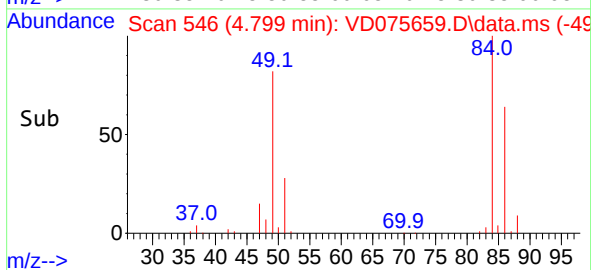
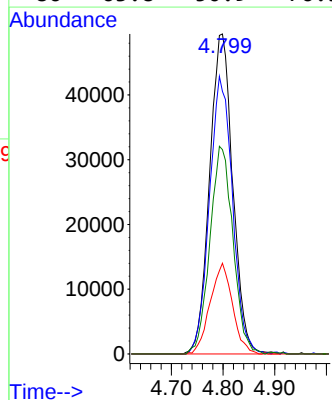
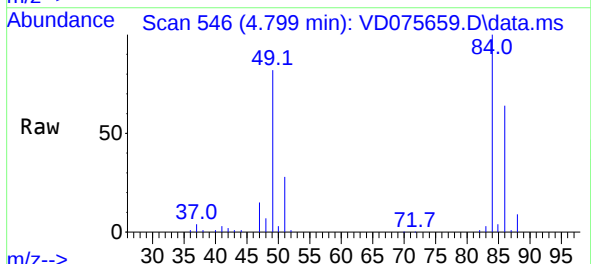
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

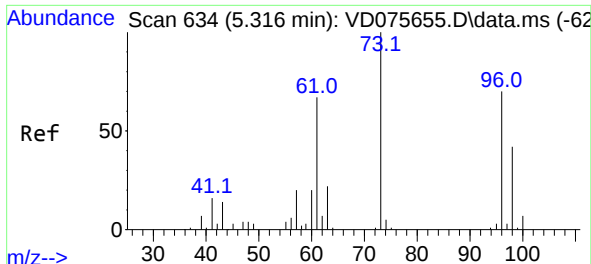
Tgt Ion: 73 Resp: 265099
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 48.696 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 84 Resp: 153806
Ion Ratio Lower Upper
84 100
49 82.1 106.4 159.6#
51 28.4 32.4 48.6#
86 63.8 50.9 76.3

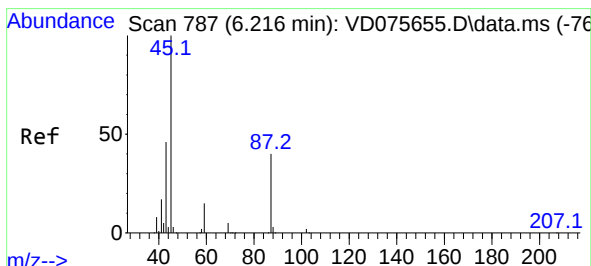
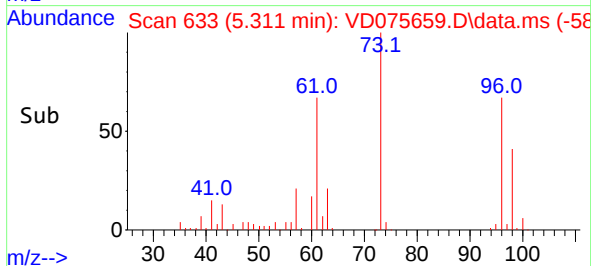
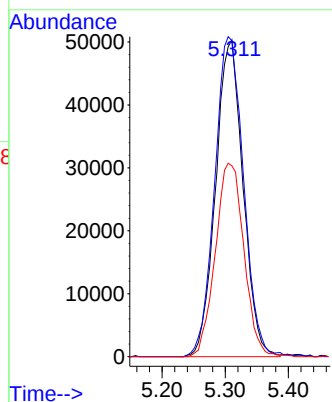
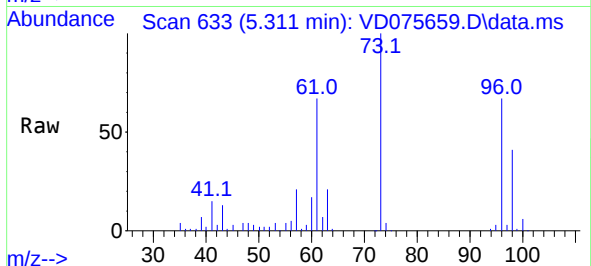




#21
trans-1,2-Dichloroethene
Concen: 48.475 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

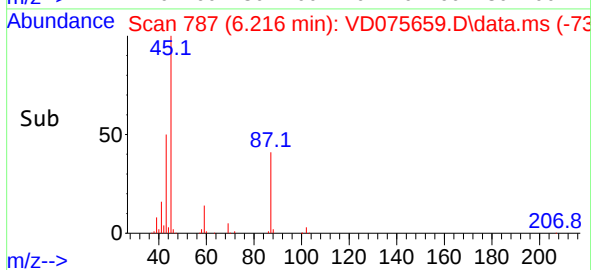
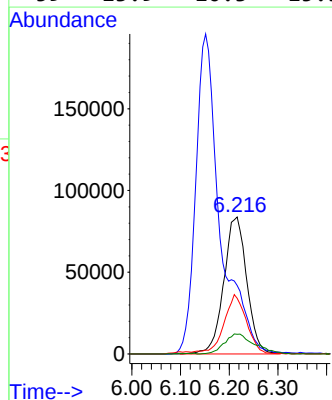
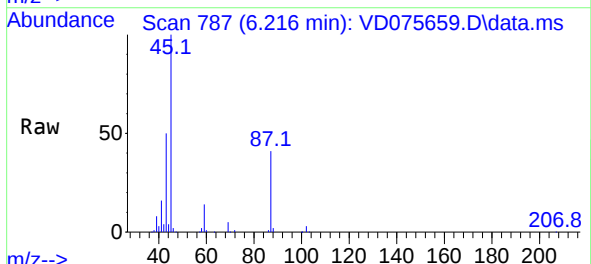
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

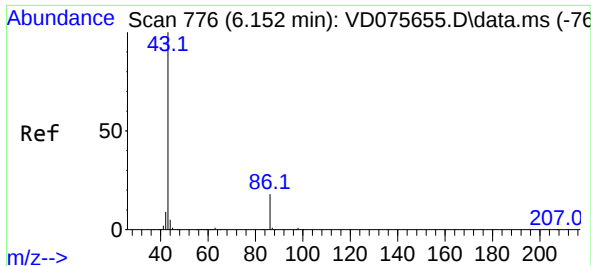
Tgt Ion: 96 Resp: 151468
Ion Ratio Lower Upper
96 100
61 99.7 117.2 175.8#
98 60.3 50.6 76.0



#22
Diisopropyl ether
Concen: 50.905 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 45 Resp: 274845
Ion Ratio Lower Upper
45 100
43 48.6 44.4 66.6
87 40.3 20.9 31.3#
59 13.9 10.3 15.5

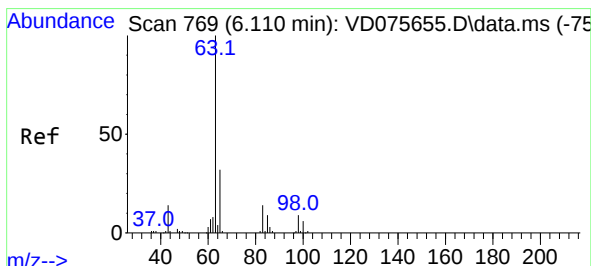
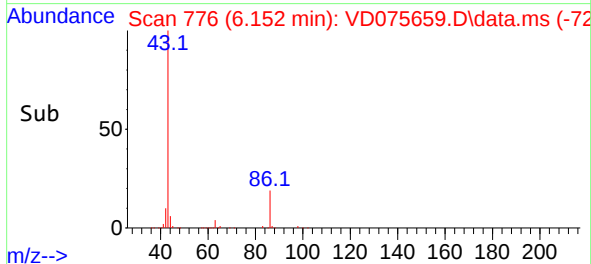
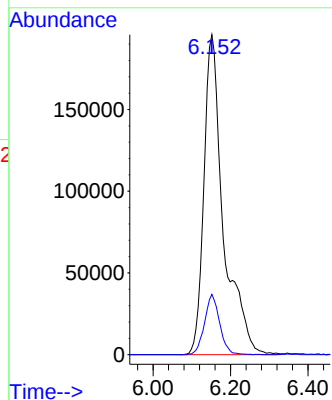
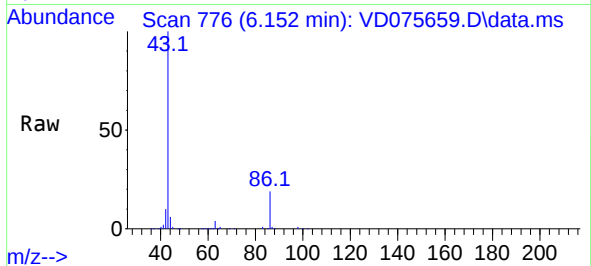




#23
 Vinyl Acetate
 Concen: 273.303 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075659.D
 Acq: 13 Apr 2023 14:26

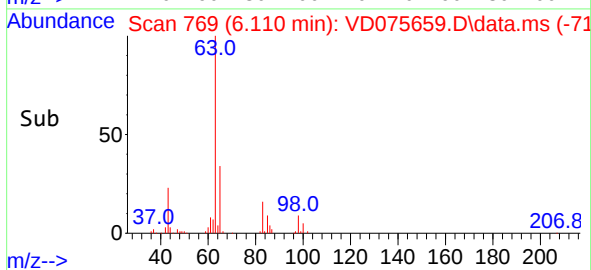
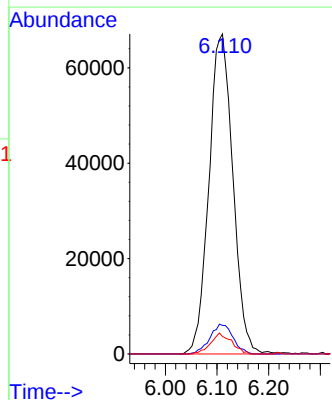
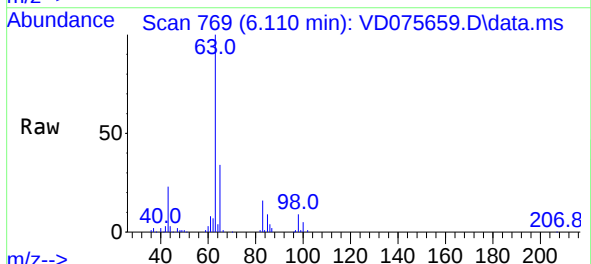
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041323

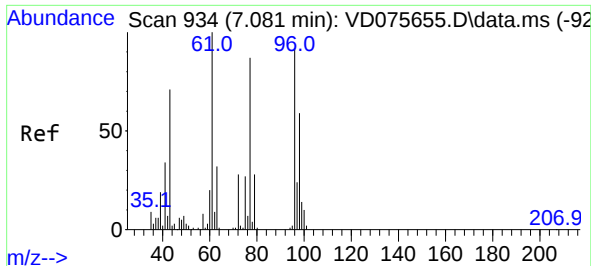
Tgt Ion: 43 Resp: 685396
 Ion Ratio Lower Upper
 43 100
 86 18.8 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 48.288 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075659.D
 Acq: 13 Apr 2023 14:26

Tgt Ion: 63 Resp: 216038
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 5.5 2.0 6.0





#25

2-Butanone

Concen: 256.831 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

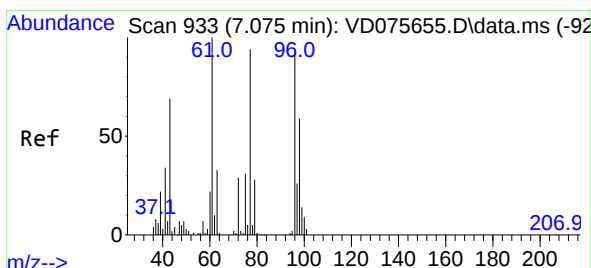
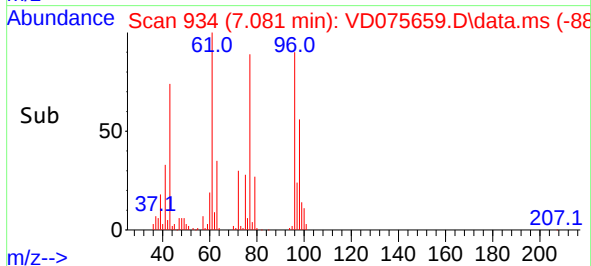
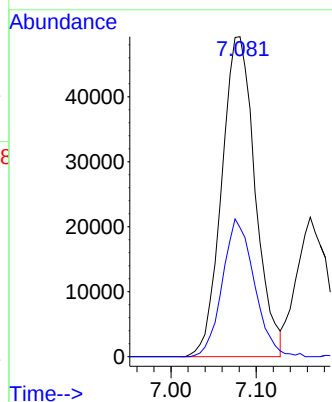
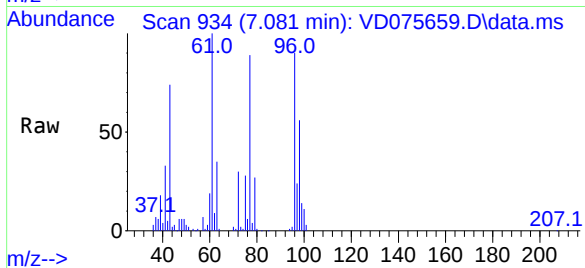
ICVVD041323

Tgt Ion: 43 Resp: 134694

Ion Ratio Lower Upper

43 100

72 40.3 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 48.178 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075659.D

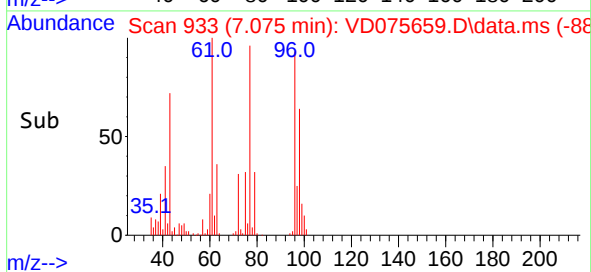
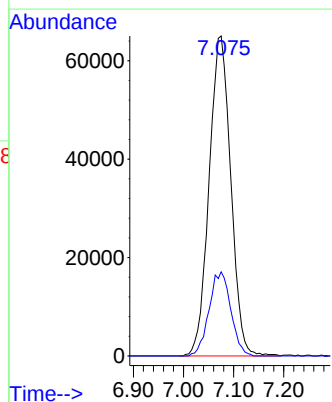
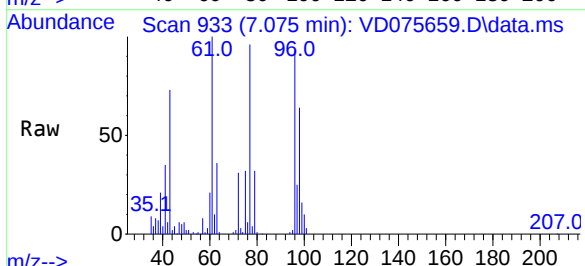
Acq: 13 Apr 2023 14:26

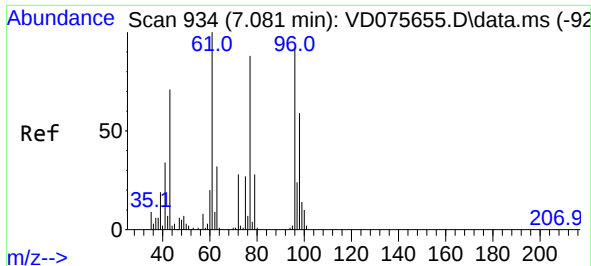
Tgt Ion: 77 Resp: 195412

Ion Ratio Lower Upper

77 100

97 26.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 48.902 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041323

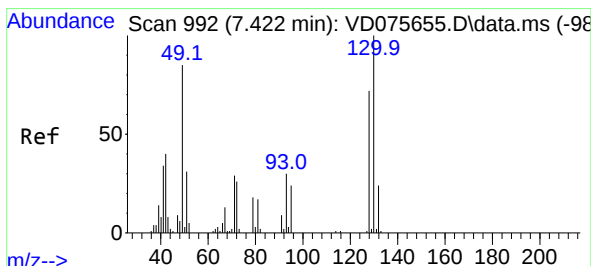
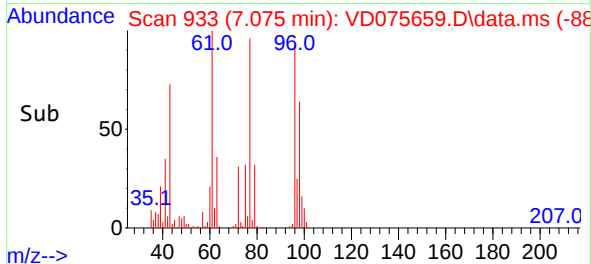
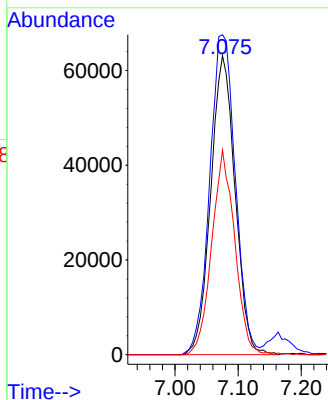
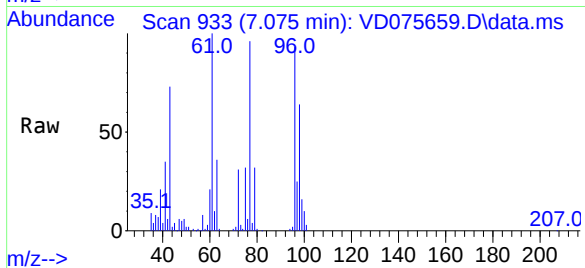
Tgt Ion: 96 Resp: 169267

Ion Ratio Lower Upper

96 100

61 112.7 0.0 295.2

98 64.6 0.0 129.2



#28

Bromochloromethane

Concen: 46.856 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

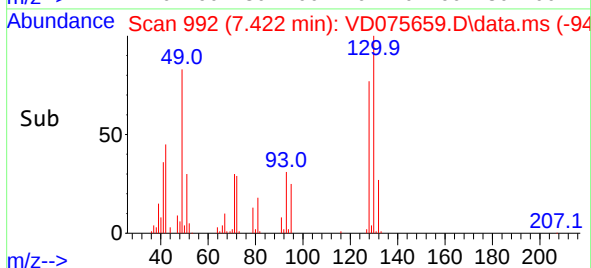
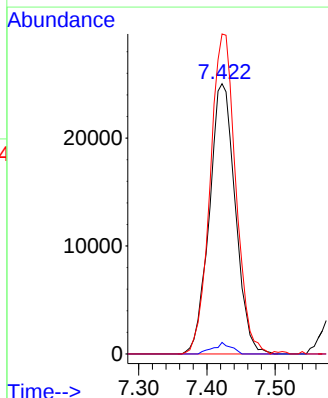
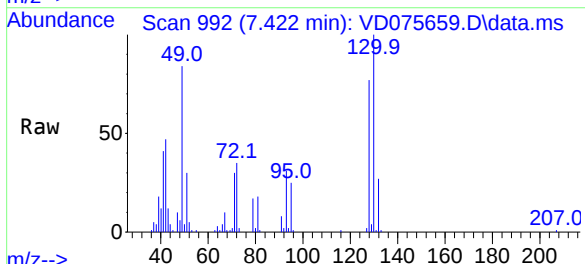
Tgt Ion: 49 Resp: 66265

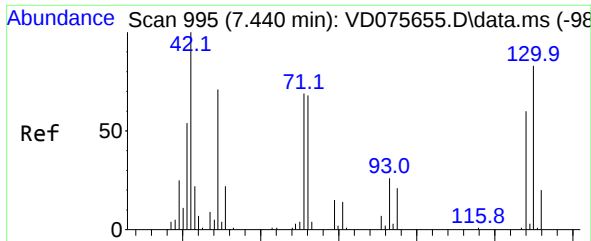
Ion Ratio Lower Upper

49 100

129 2.9 0.0 2.2#

130 116.8 56.0 84.0#





#29

Tetrahydrofuran

Concen: 269.618 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD075659.D

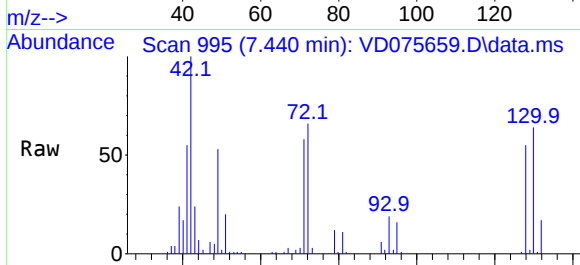
Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041323



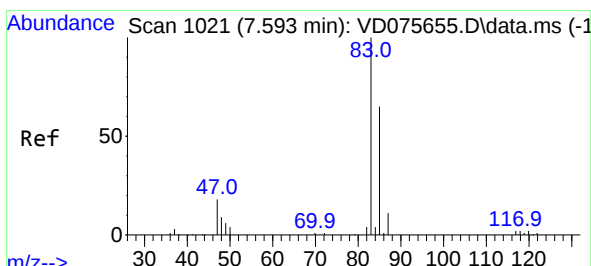
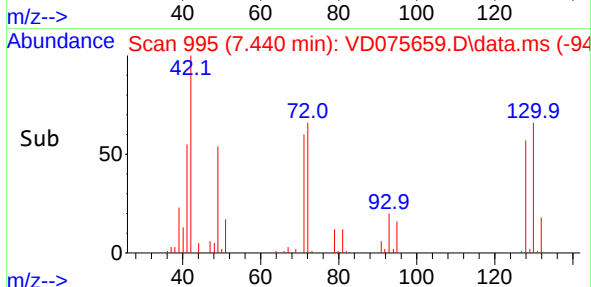
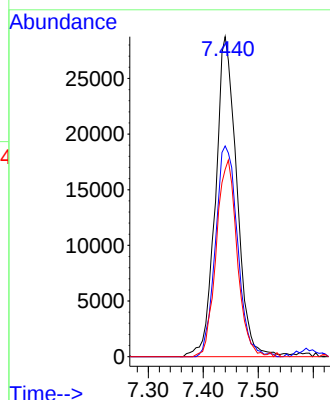
Tgt Ion: 42 Resp: 77326

Ion Ratio Lower Upper

42 100

72 68.4 31.8 47.6#

71 60.4 27.6 41.4#



#30

Chloroform

Concen: 47.784 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075659.D

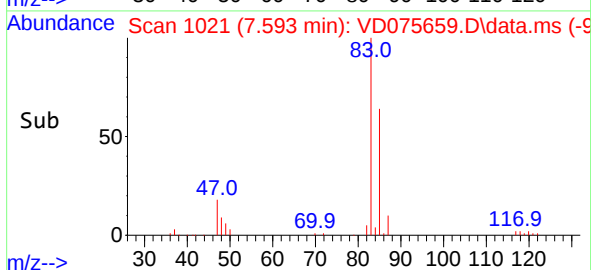
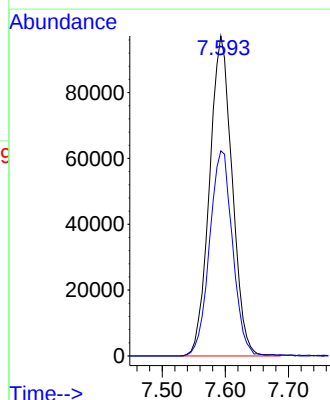
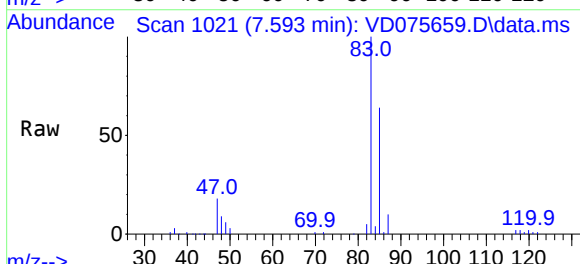
Acq: 13 Apr 2023 14:26

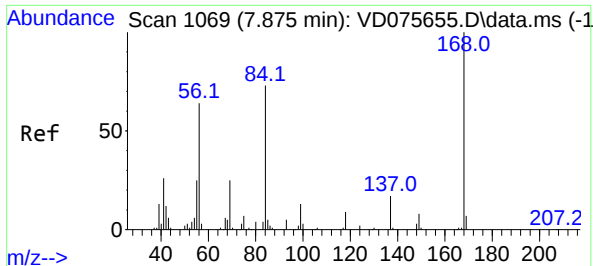
Tgt Ion: 83 Resp: 242357

Ion Ratio Lower Upper

83 100

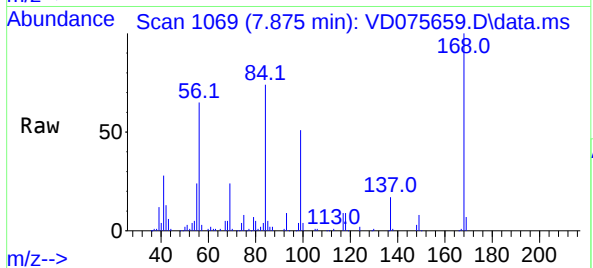
85 64.1 49.4 74.2



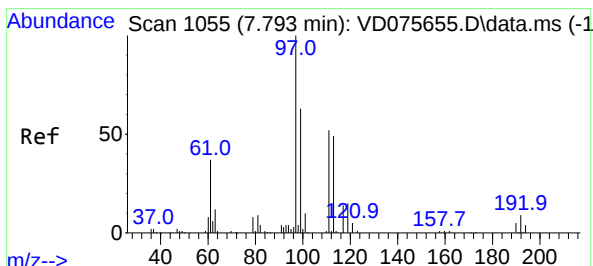
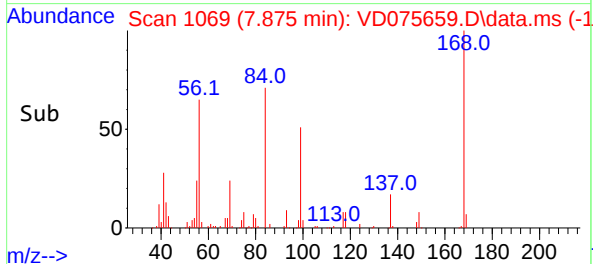
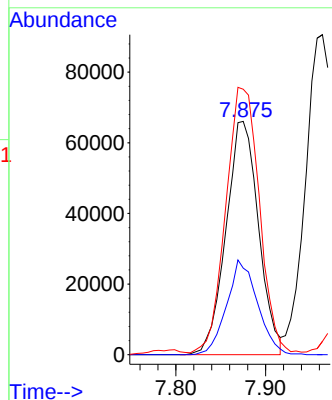


#31
Cyclohexane
Concen: 47.707 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

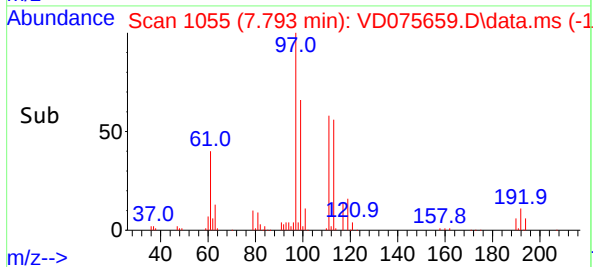
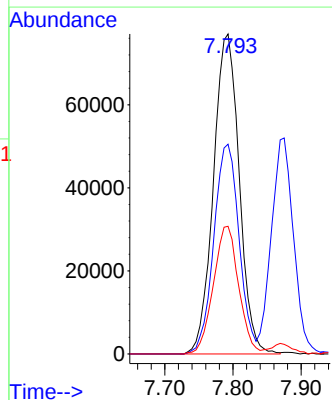
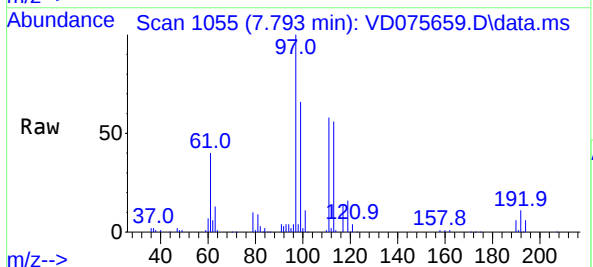


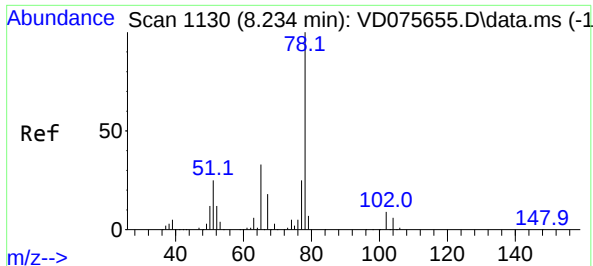
Tgt Ion: 56 Resp: 166449
Ion Ratio Lower Upper
56 100
69 37.1 25.5 38.3
84 112.6 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 49.071 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 97 Resp: 202938
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 39.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.038 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

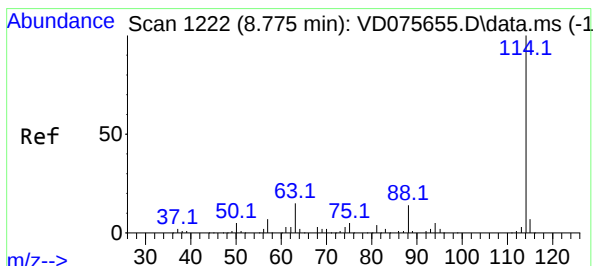
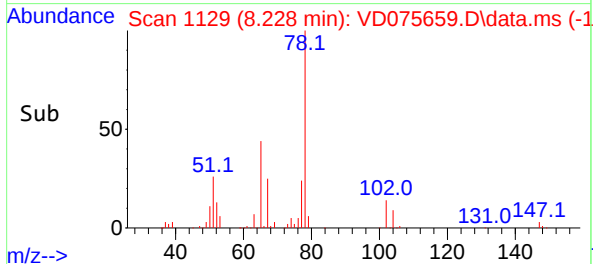
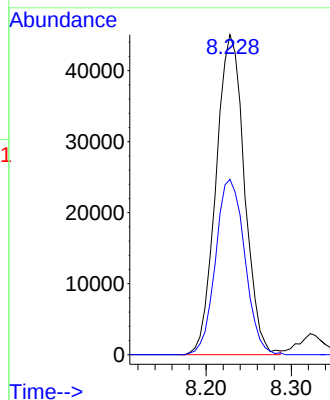
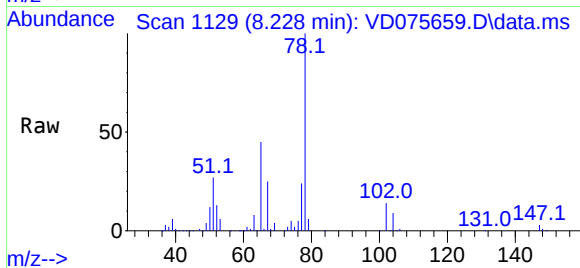
ICVVD041323

Tgt Ion: 65 Resp: 104582

Ion Ratio Lower Upper

65 100

67 56.3 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: VD075659.D

Acq: 13 Apr 2023 14:26

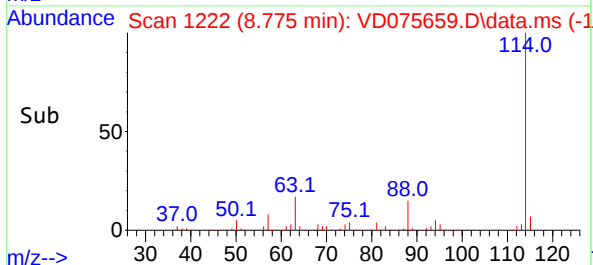
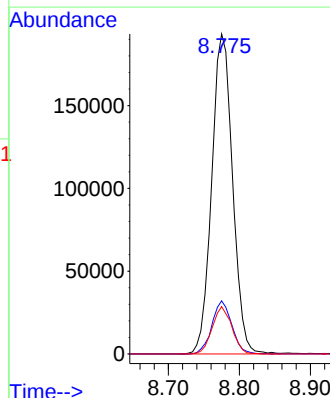
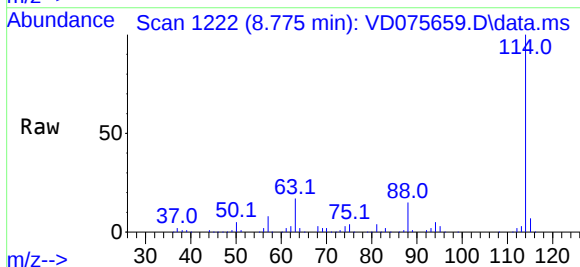
Tgt Ion:114 Resp: 394070

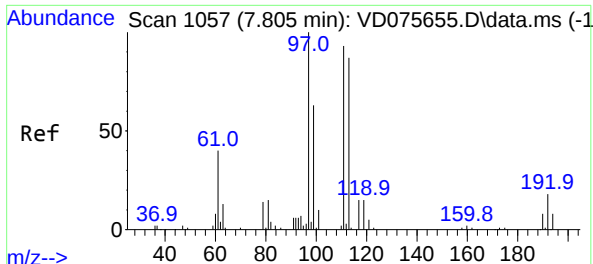
Ion Ratio Lower Upper

114 100

63 16.6 0.0 41.6

88 14.8 0.0 30.6

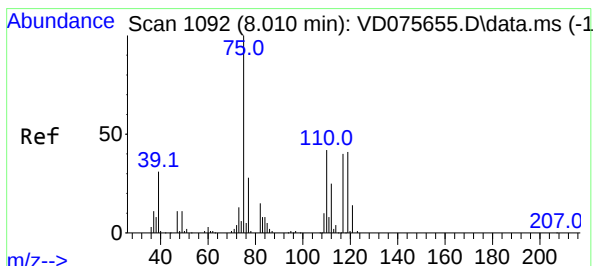
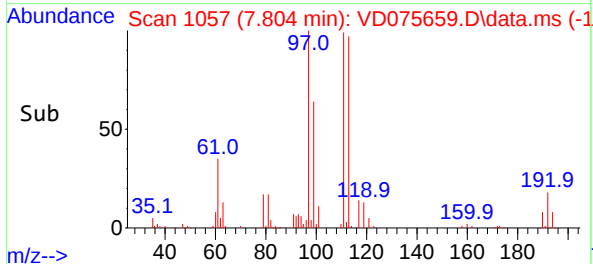
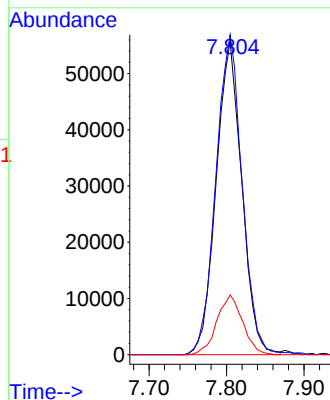
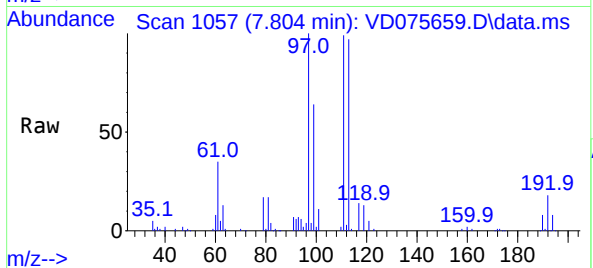




#35
Dibromofluoromethane
Concen: 48.364 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

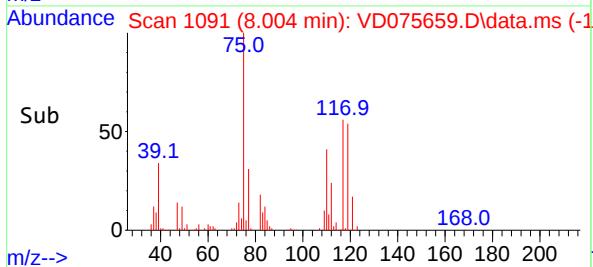
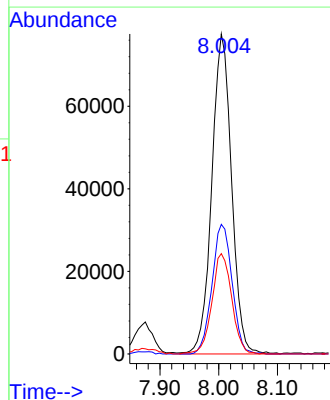
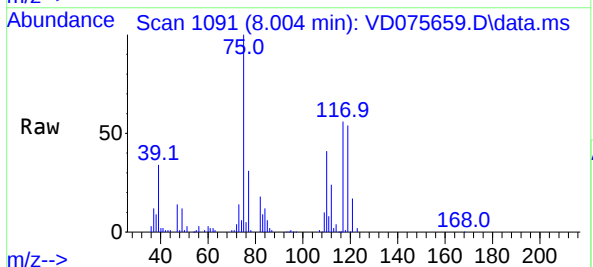
Instrument : MSVOA_D
ClientSampleId : ICVVD041323

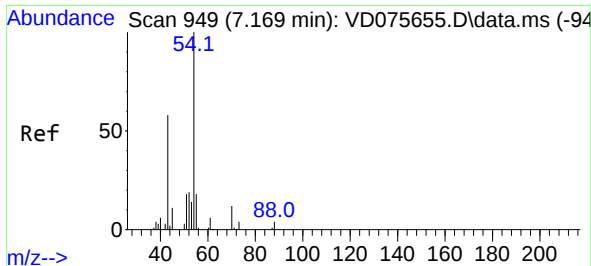
Tgt Ion:113 Resp: 128190
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 19.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 49.572 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 75 Resp: 181264
Ion Ratio Lower Upper
75 100
110 41.1 17.1 51.2
77 31.5 24.6 36.8





#37

Ethyl Acetate

Concen: 50.616 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041323

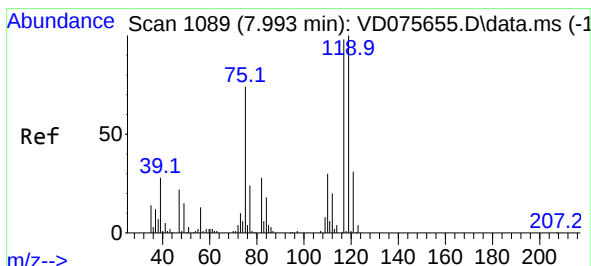
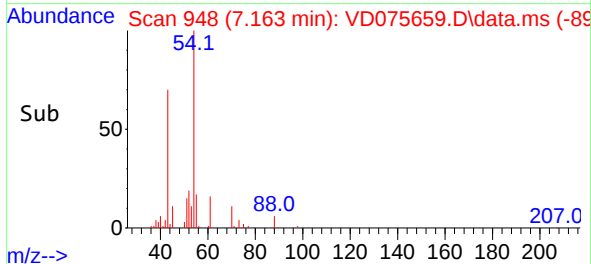
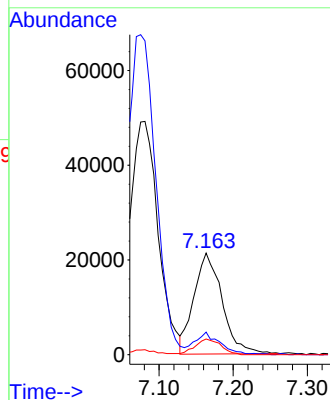
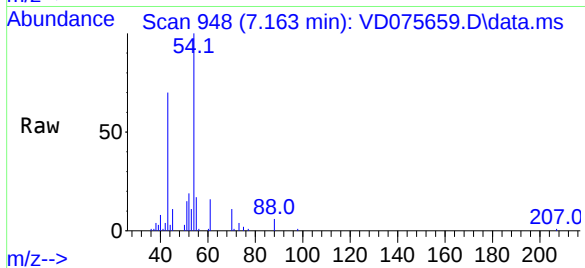
Tgt Ion: 43 Resp: 56325

Ion Ratio Lower Upper

43 100

61 18.3 0.0 0.0#

70 14.3 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 52.558 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

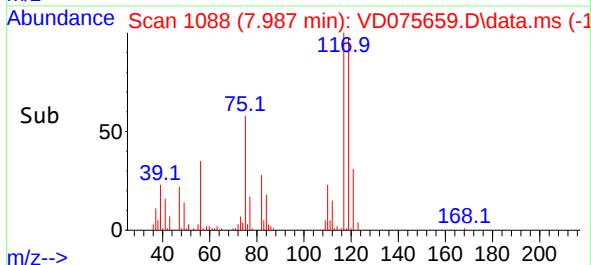
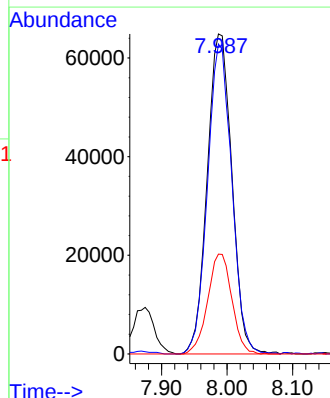
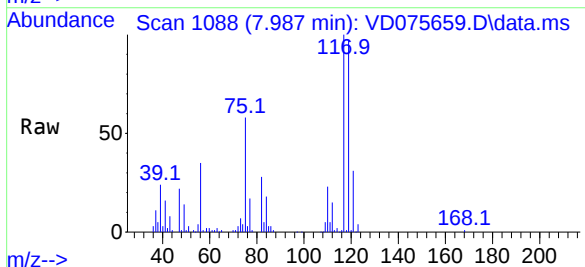
Tgt Ion:117 Resp: 169239

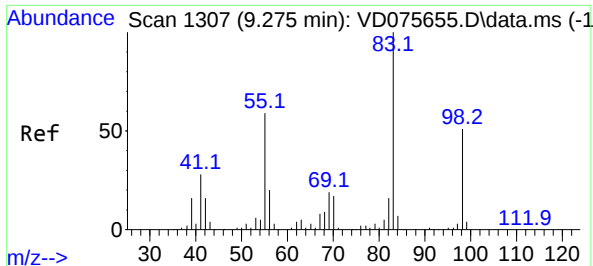
Ion Ratio Lower Upper

117 100

119 96.8 74.7 112.1

121 31.2 25.9 38.9





#39

Methylcyclohexane

Concen: 53.603 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041323

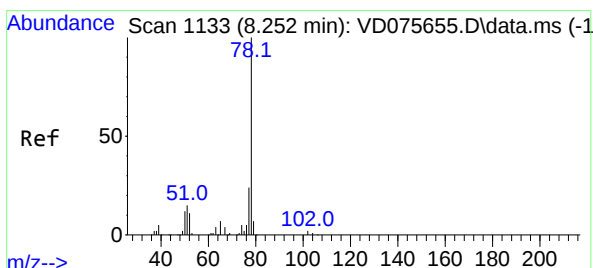
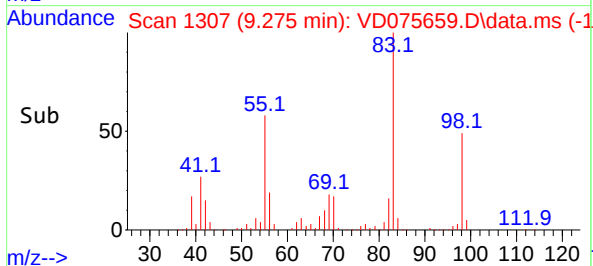
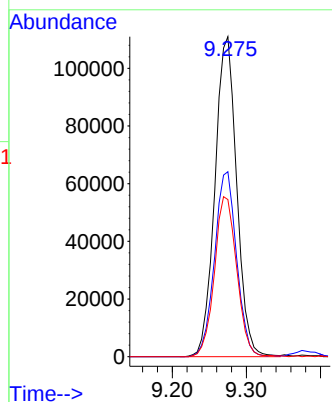
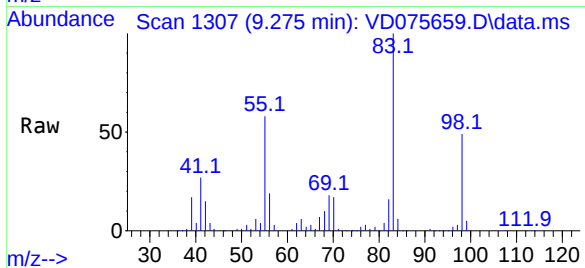
Tgt Ion: 83 Resp: 226651

Ion Ratio Lower Upper

83 100

55 57.8 56.8 85.2

98 49.1 38.9 58.3



#40

Benzene

Concen: 50.107 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD075659.D

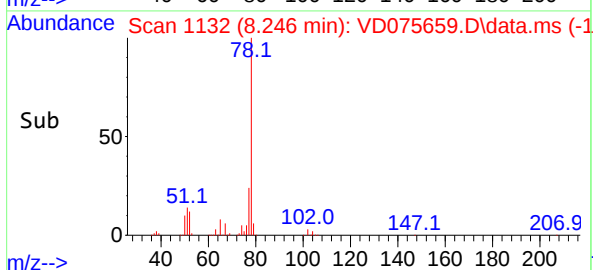
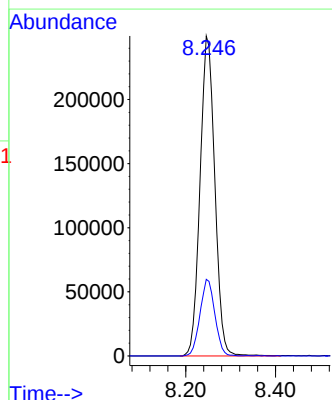
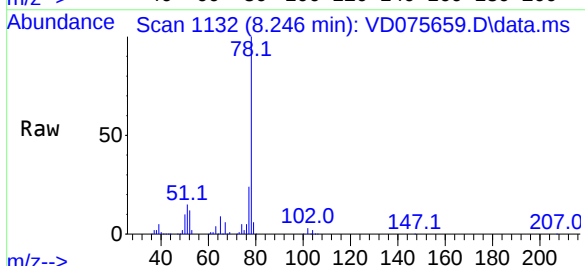
Acq: 13 Apr 2023 14:26

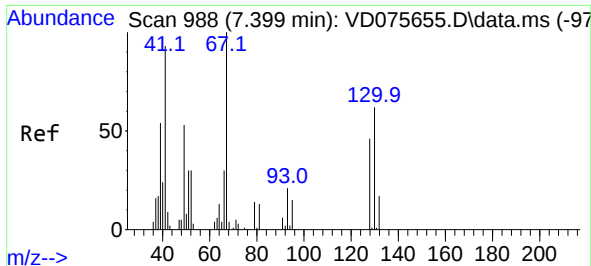
Tgt Ion: 78 Resp: 569586

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

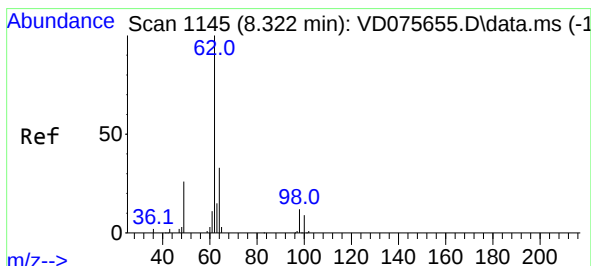
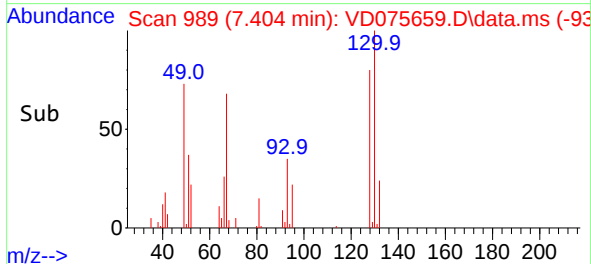
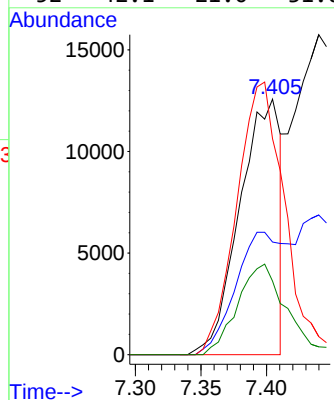
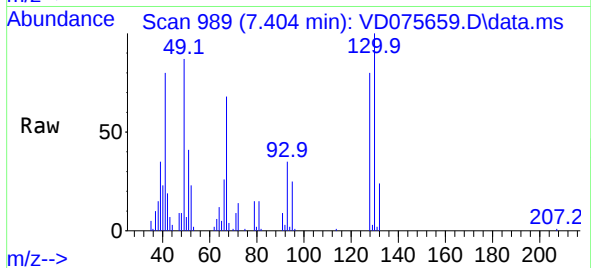




#41
Methacrylonitrile
Concen: 50.917 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

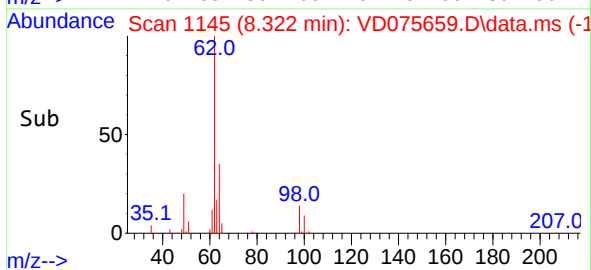
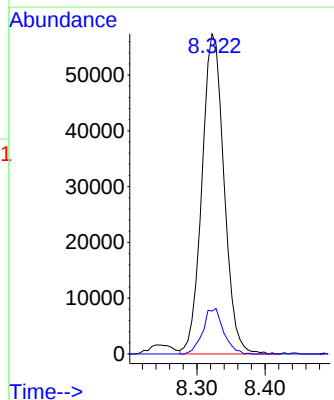
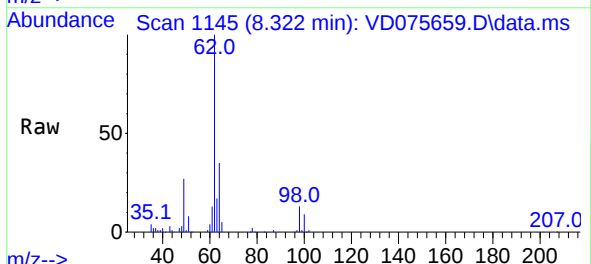
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

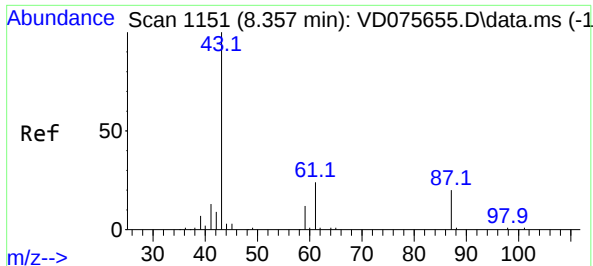
Tgt Ion: 41 Resp: 27190
Ion Ratio Lower Upper
41 100
39 58.9 45.3 67.9
67 124.8 50.5 75.7#
52 42.1 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 62 Resp: 129098
Ion Ratio Lower Upper
62 100
98 13.2 0.0 18.8

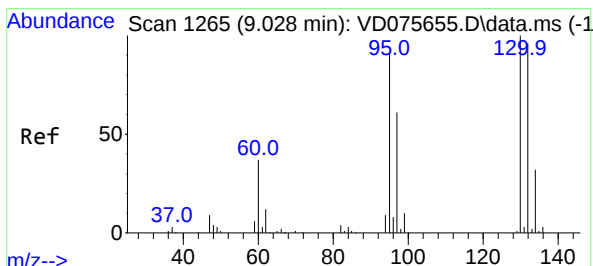
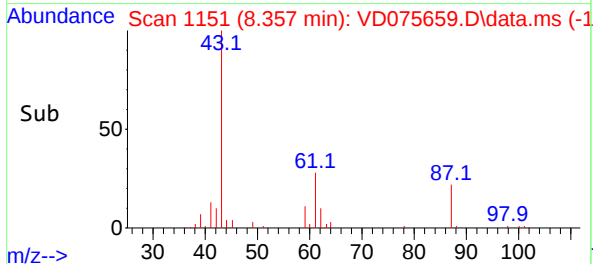
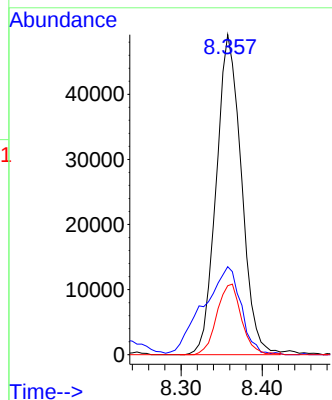
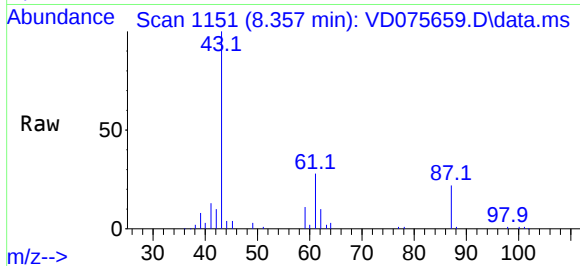




#43
Isopropyl Acetate
Concen: 52.216 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

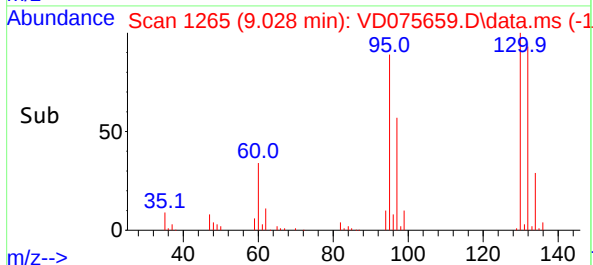
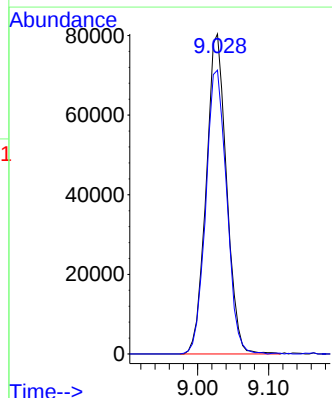
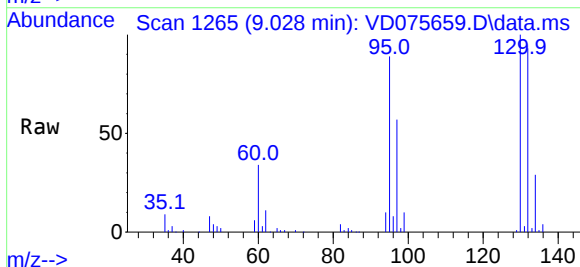
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

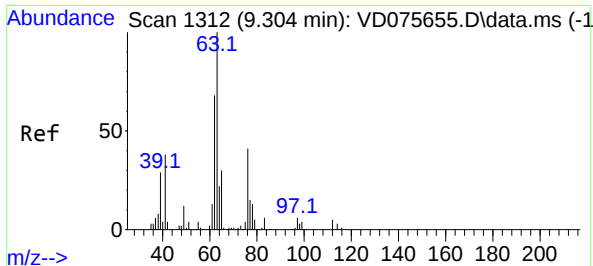
Tgt Ion: 43 Resp: 105955
Ion Ratio Lower Upper
43 100
61 41.2 23.4 35.0#
87 21.7 9.5 14.3#



#44
Trichloroethene
Concen: 49.867 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:130 Resp: 160426
Ion Ratio Lower Upper
130 100
95 88.7 0.0 197.6

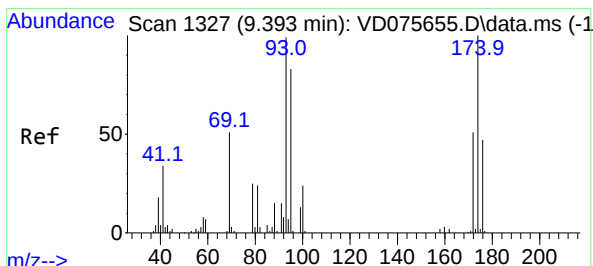
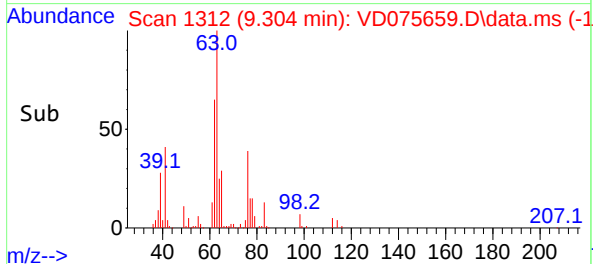
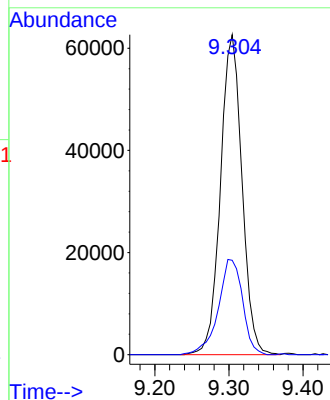
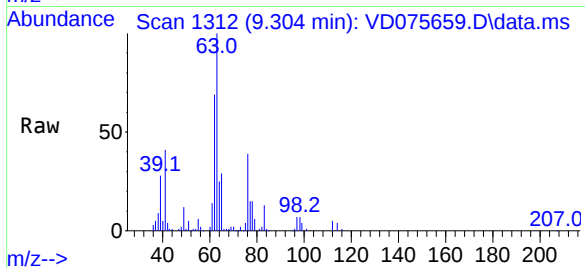




#45
1,2-Dichloropropane
Concen: 49.554 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

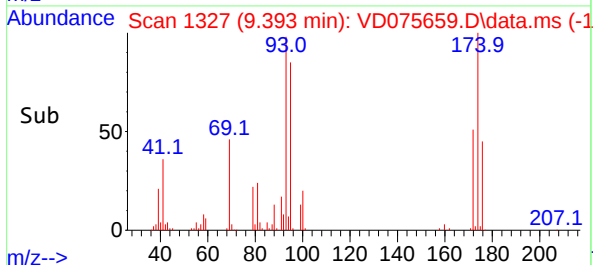
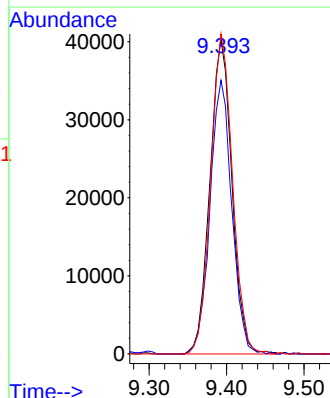
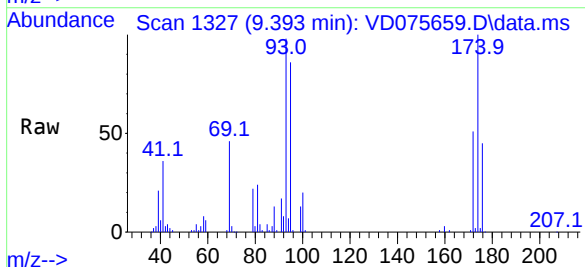
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

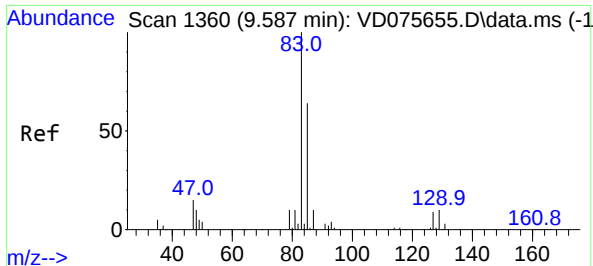
Tgt Ion: 63 Resp: 126231
Ion Ratio Lower Upper
63 100
65 29.5 23.0 34.4



#46
Dibromomethane
Concen: 49.396 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 93 Resp: 79825
Ion Ratio Lower Upper
93 100
95 85.8 64.5 96.7
174 100.5 76.2 114.4

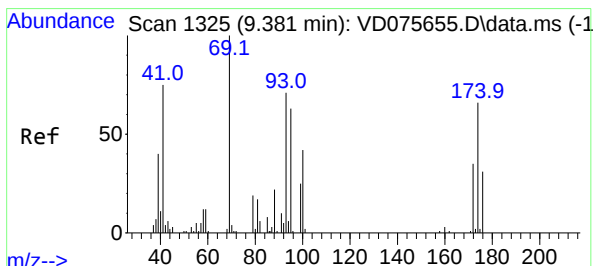
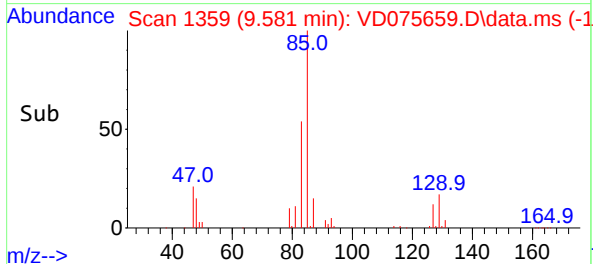
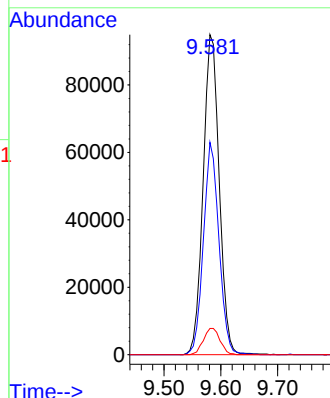
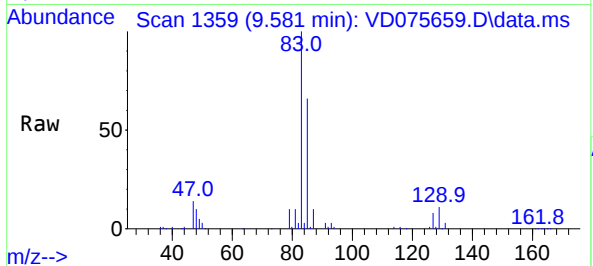




#47
Bromodichloromethane
Concen: 50.371 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

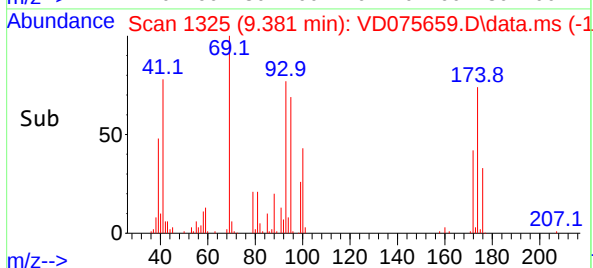
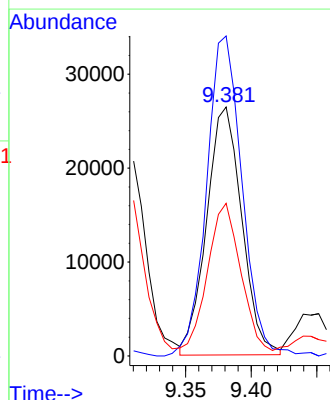
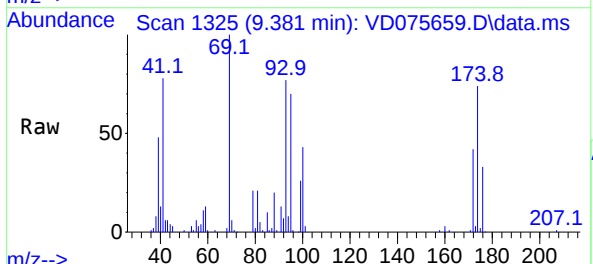
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

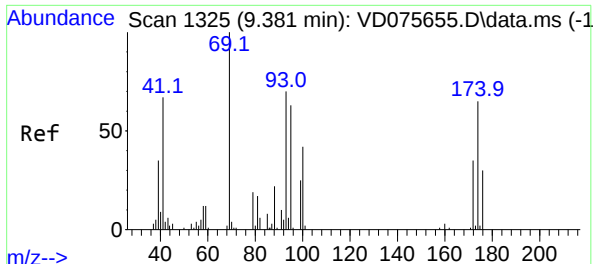
Tgt Ion: 83 Resp: 186200
Ion Ratio Lower Upper
83 100
85 66.3 53.7 80.5
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 54.565 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 41 Resp: 49330
Ion Ratio Lower Upper
41 100
69 130.3 58.6 88.0#
39 55.8 53.4 80.0

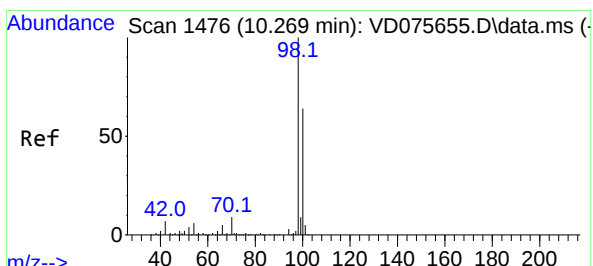
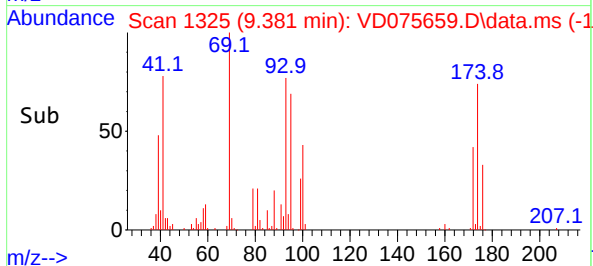
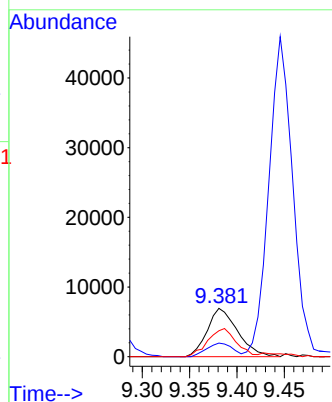
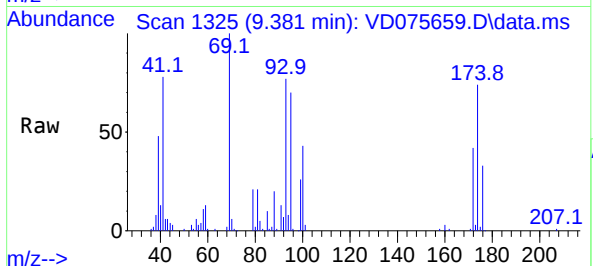




#49
1,4-Dioxane
Concen: 967.421 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

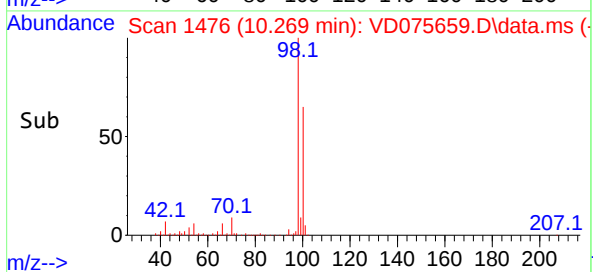
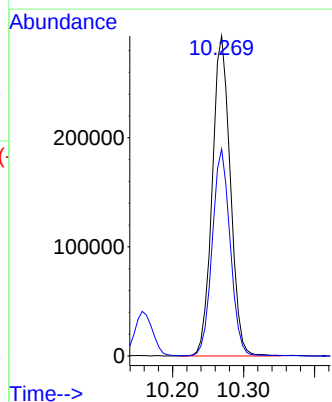
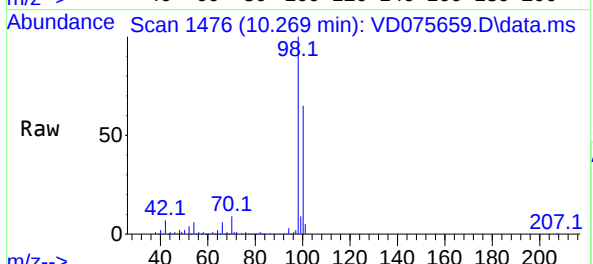
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

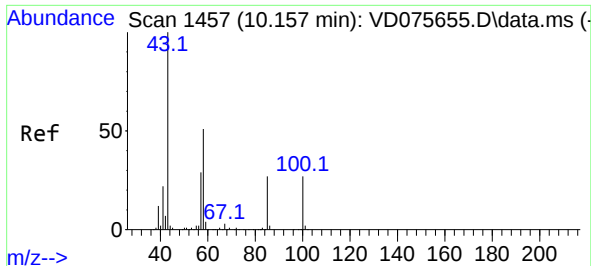
Tgt Ion: 88 Resp: 15511
Ion Ratio Lower Upper
88 100
43 23.9 34.6 51.8#
58 54.3 58.0 87.0#



#50
Toluene-d8
Concen: 48.809 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 98 Resp: 518070
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1

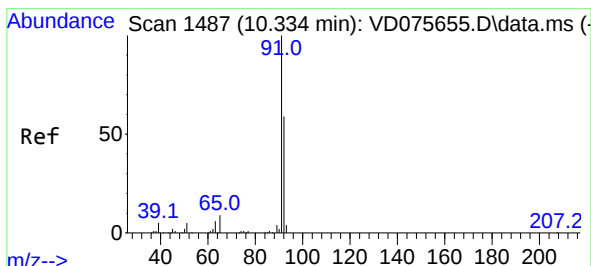
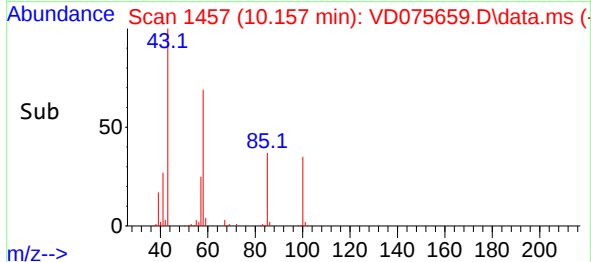
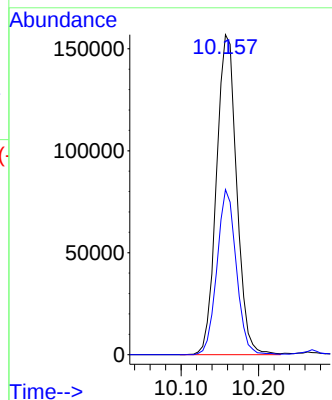
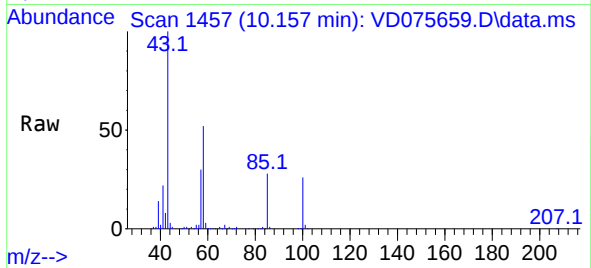




#51
4-Methyl-2-Pentanone
Concen: 262.851 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

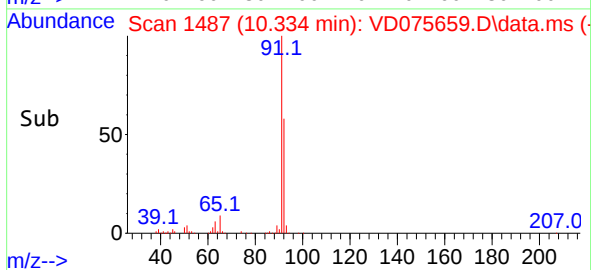
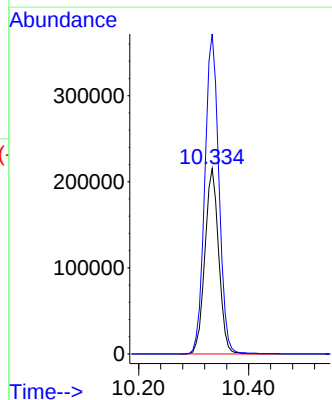
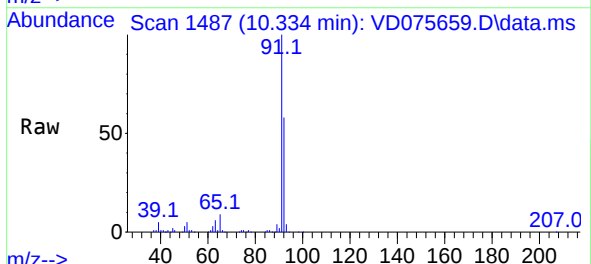
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

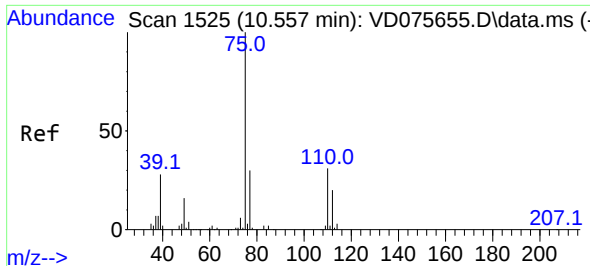
Tgt Ion: 43 Resp: 284382
Ion Ratio Lower Upper
43 100
58 49.3 29.5 44.3#



#52
Toluene
Concen: 49.597 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 92 Resp: 374888
Ion Ratio Lower Upper
92 100
91 175.8 136.5 204.7

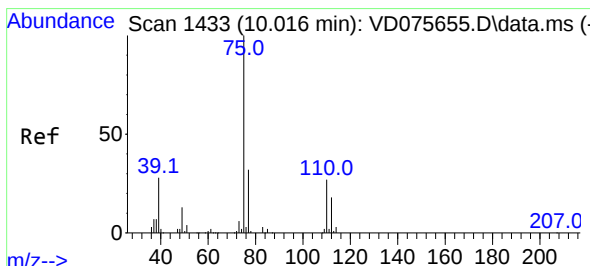
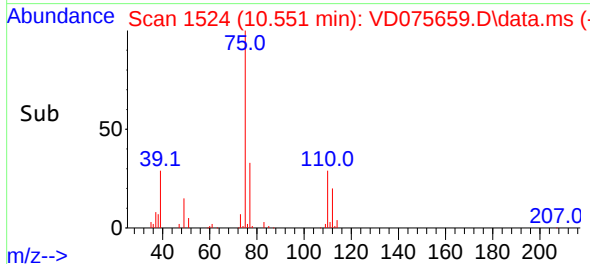
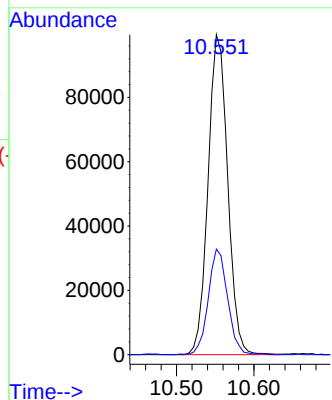
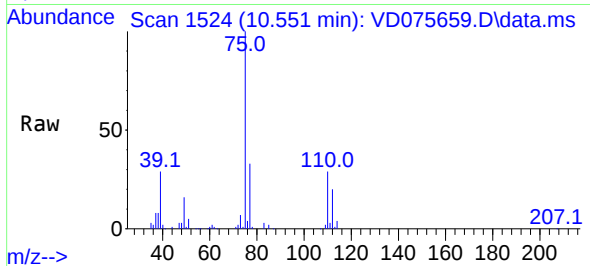




#53
t-1,3-Dichloropropene
Concen: 49.408 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

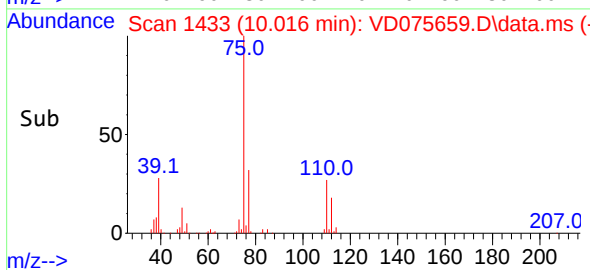
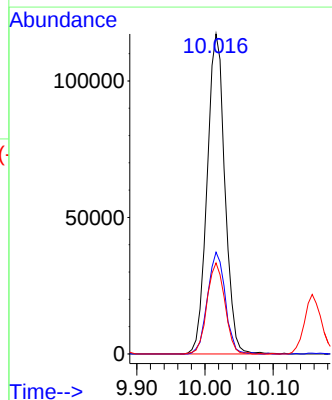
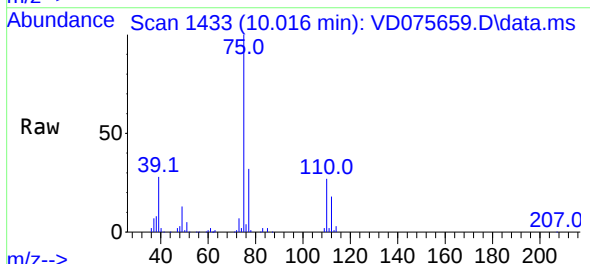
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

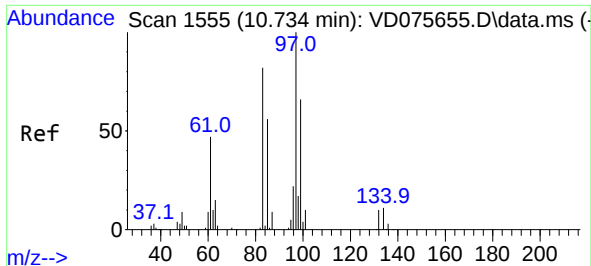
Tgt Ion: 75 Resp: 175082
Ion Ratio Lower Upper
75 100
77 33.0 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 50.477 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 75 Resp: 212523
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 28.5 44.8 67.2#



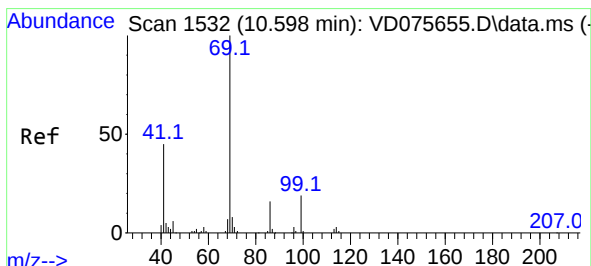
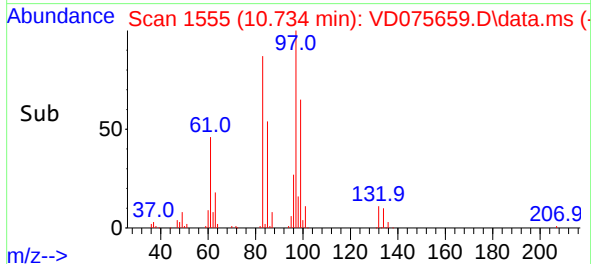
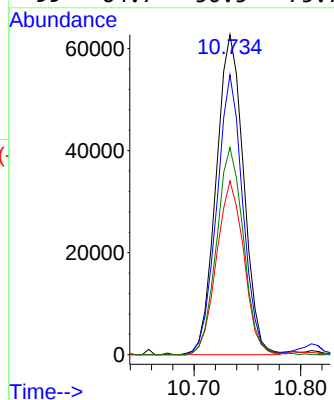
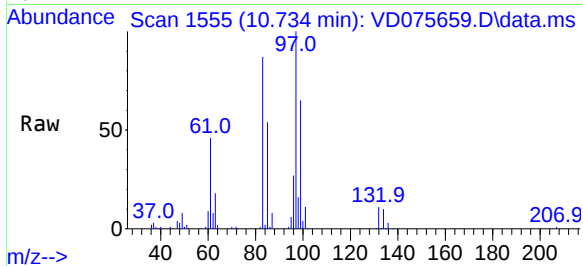


#55
1,1,2-Trichloroethane
Concen: 47.936 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

Tgt Ion: 97 Resp: 112164

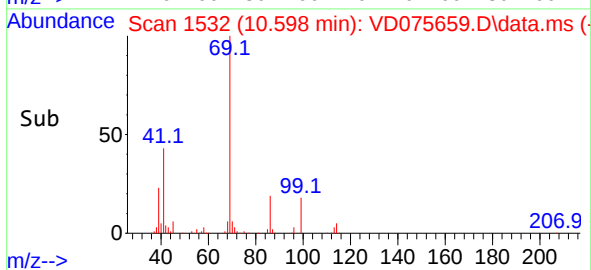
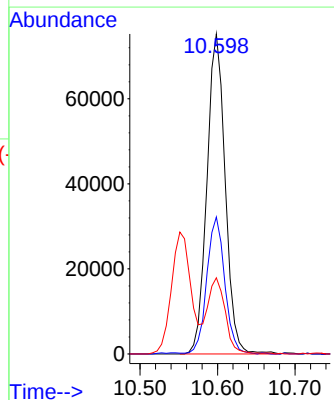
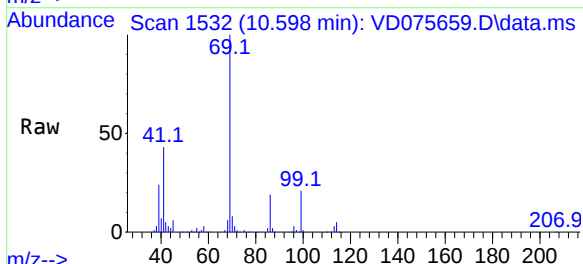
Ion	Ratio	Lower	Upper
97	100		
83	87.5	74.2	111.4
85	54.3	45.4	68.0
99	64.7	50.5	75.7

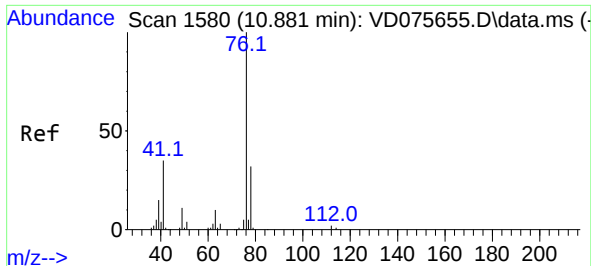


#56
Ethyl methacrylate
Concen: 53.537 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 69 Resp: 123280

Ion	Ratio	Lower	Upper
69	100		
41	42.1	59.3	88.9#
39	24.3	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 49.280 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

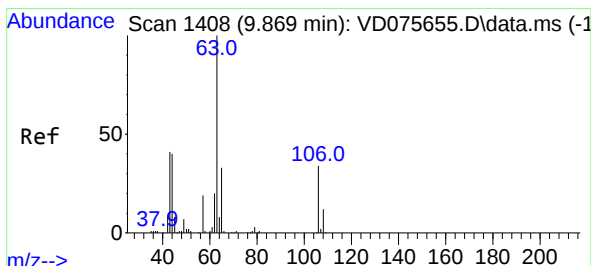
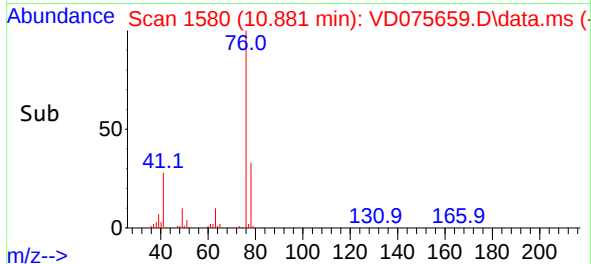
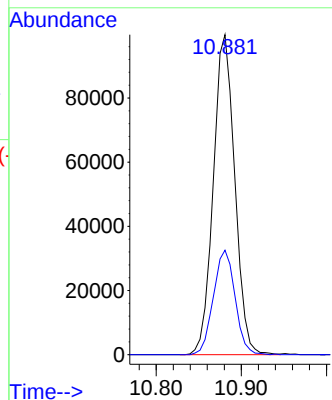
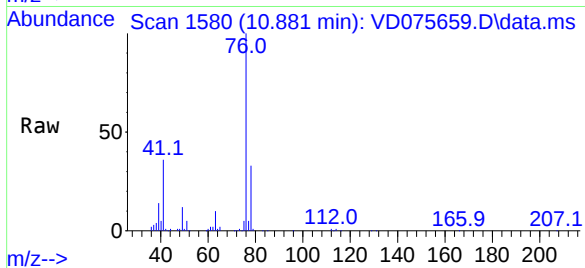
ICVVD041323

Tgt Ion: 76 Resp: 175058

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.975 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075659.D

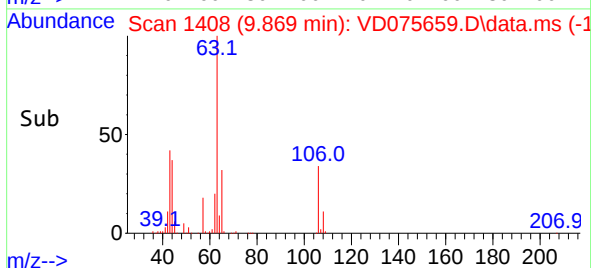
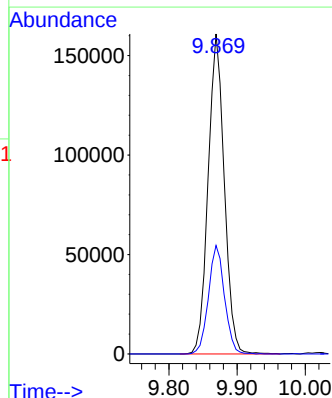
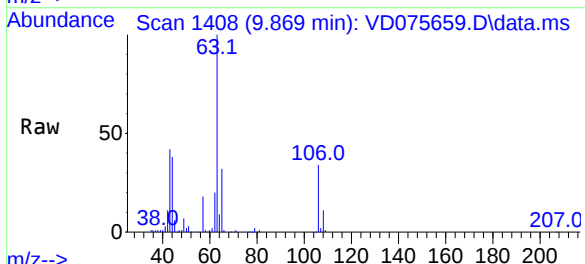
Acq: 13 Apr 2023 14:26

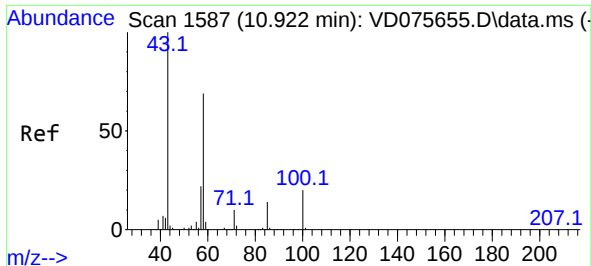
Tgt Ion: 63 Resp: 265011

Ion Ratio Lower Upper

63 100

106 33.7 21.4 32.2#

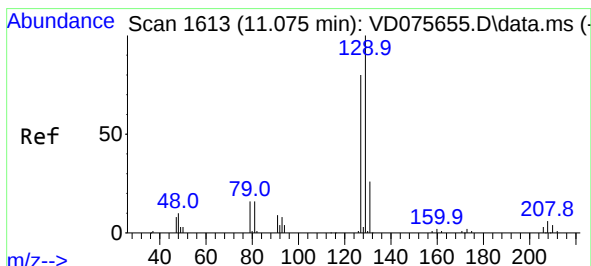
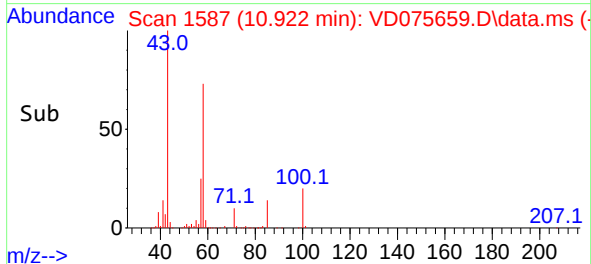
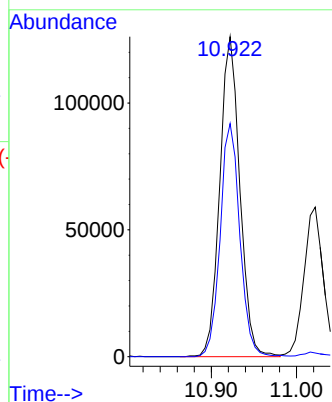
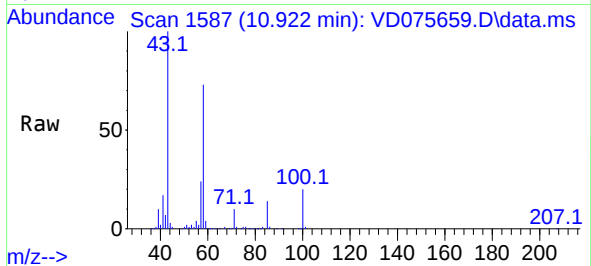




#59
2-Hexanone
Concen: 271.211 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

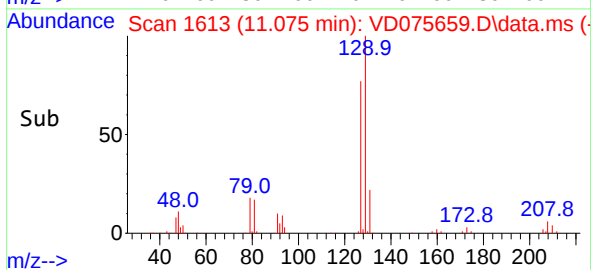
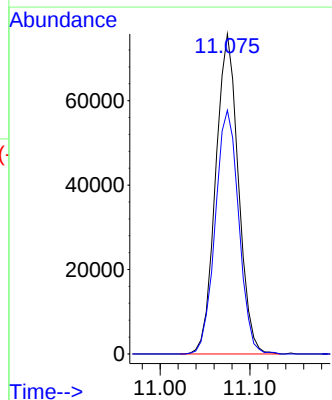
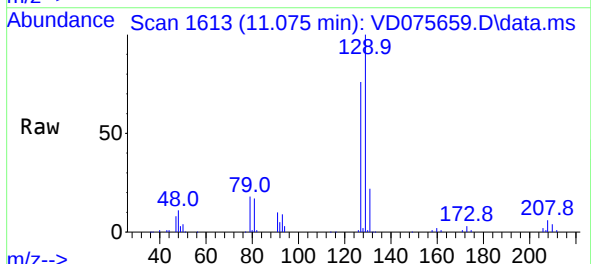
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

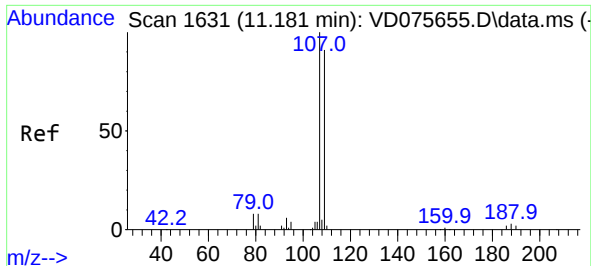
Tgt Ion: 43 Resp: 206314
Ion Ratio Lower Upper
43 100
58 71.2 25.3 75.8



#60
Dibromochloromethane
Concen: 48.672 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 129 Resp: 133263
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5

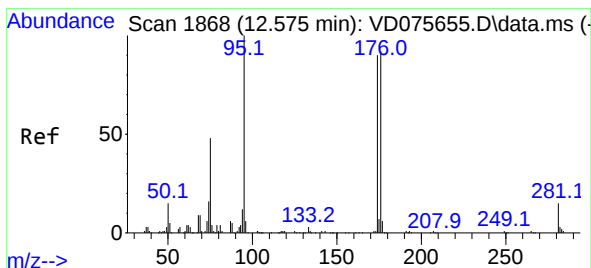
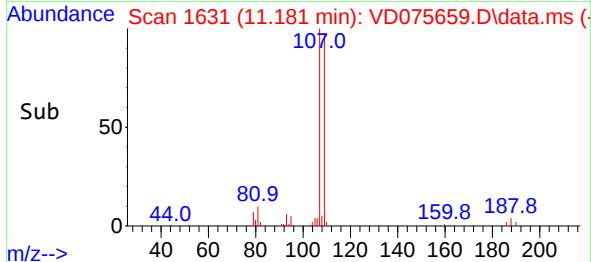
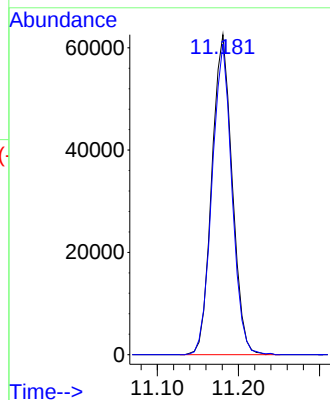
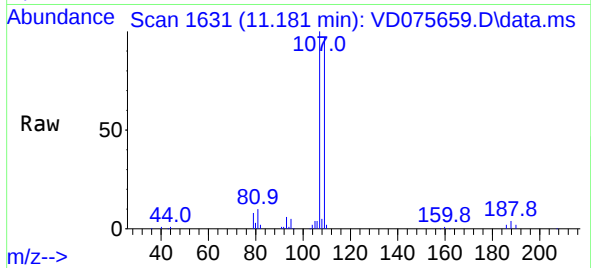




#61
1,2-Dibromoethane
Concen: 48.714 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

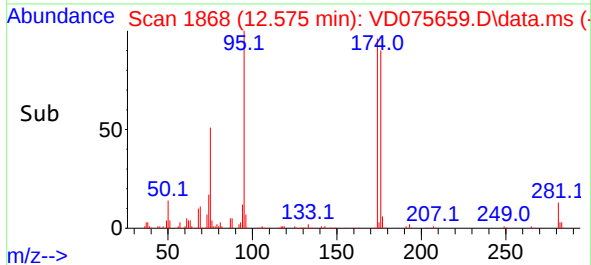
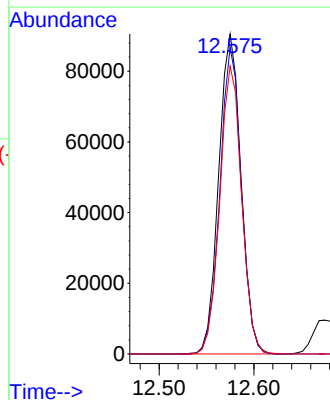
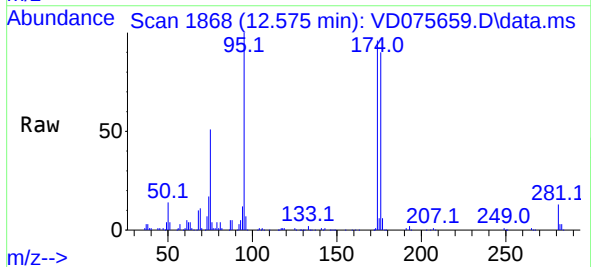
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

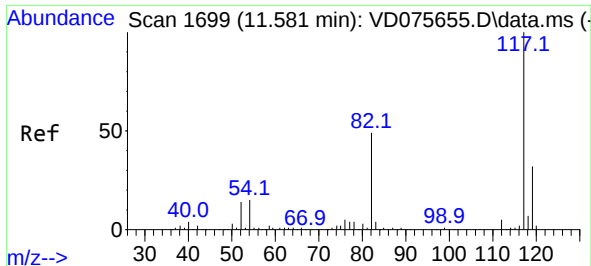
Tgt Ion:107 Resp: 108733
Ion Ratio Lower Upper
107 100
109 95.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 95 Resp: 147843
Ion Ratio Lower Upper
95 100
174 92.3 0.0 164.0
176 88.2 0.0 156.8

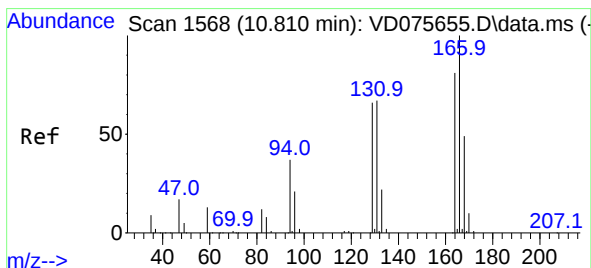
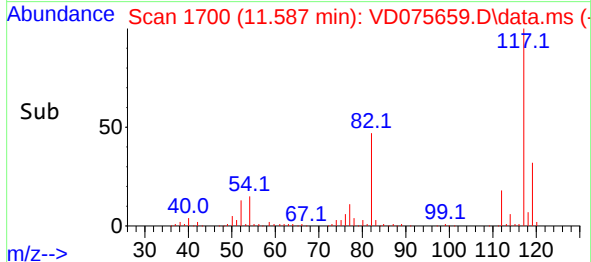
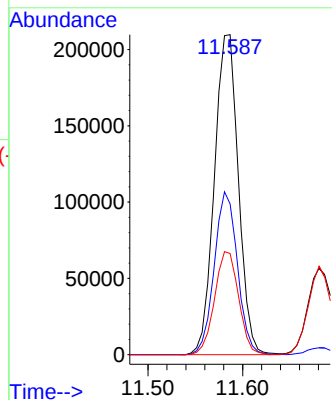
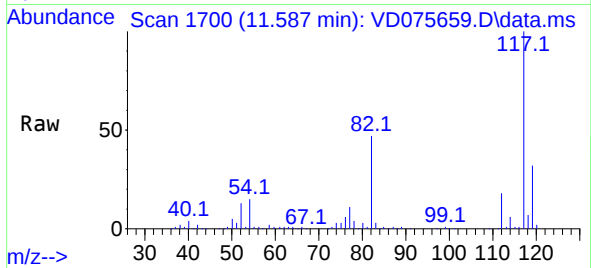




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

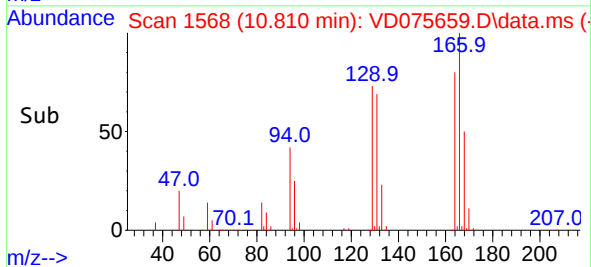
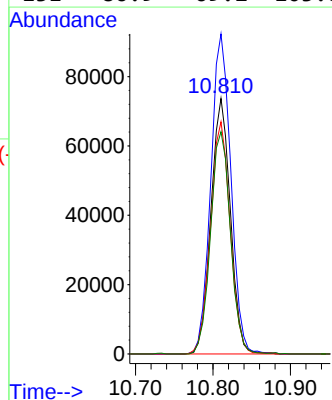
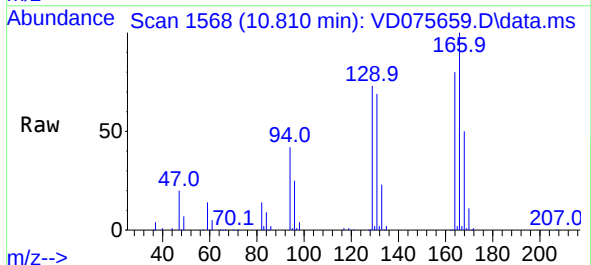
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

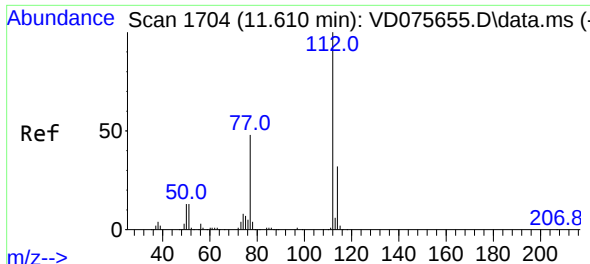
Tgt Ion:117 Resp: 369953
Ion Ratio Lower Upper
117 100
82 47.1 44.0 66.0
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 48.418 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:164 Resp: 129003
Ion Ratio Lower Upper
164 100
166 125.2 94.9 142.3
129 90.8 73.0 109.6
131 86.9 69.2 103.8

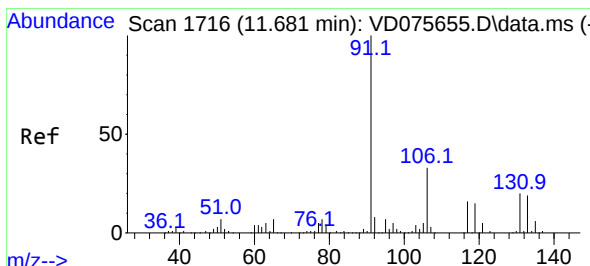
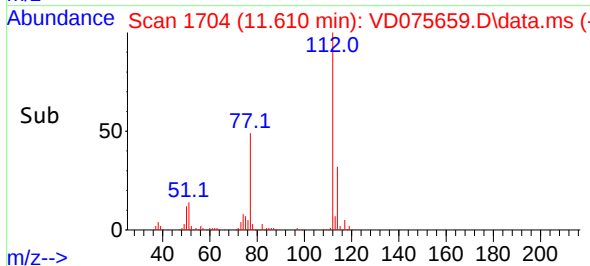
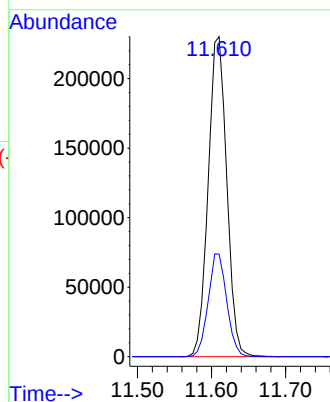
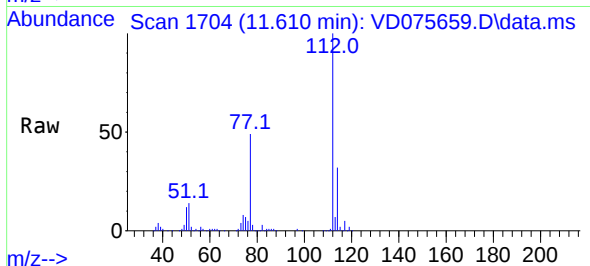




#65
Chlorobenzene
Concen: 50.505 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

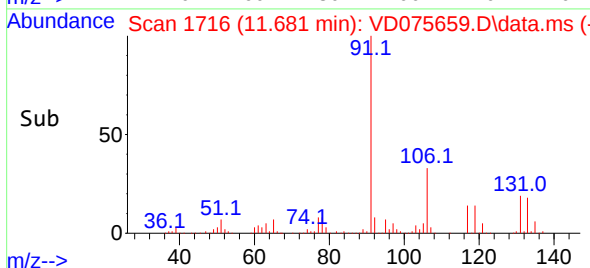
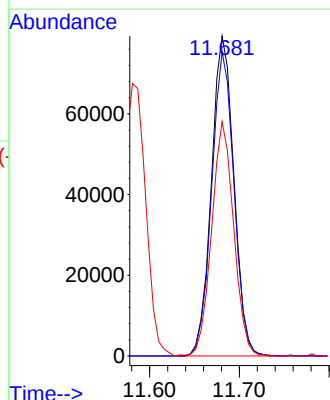
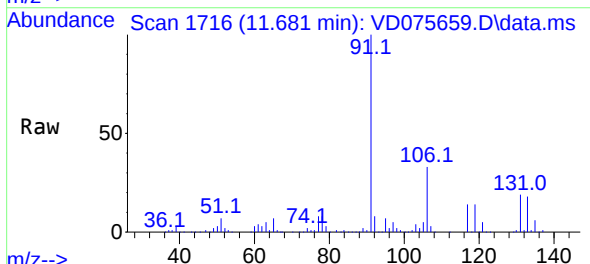
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

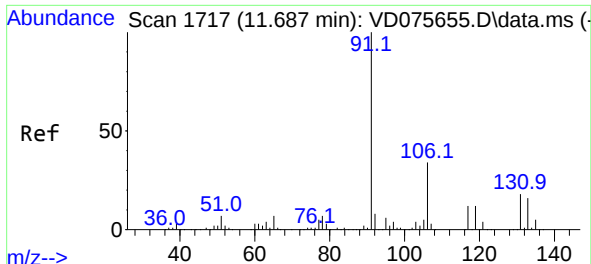
Tgt Ion:112 Resp: 400200
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.500 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:131 Resp: 137567
Ion Ratio Lower Upper
131 100
133 94.6 46.7 140.0
119 71.8 31.9 95.9

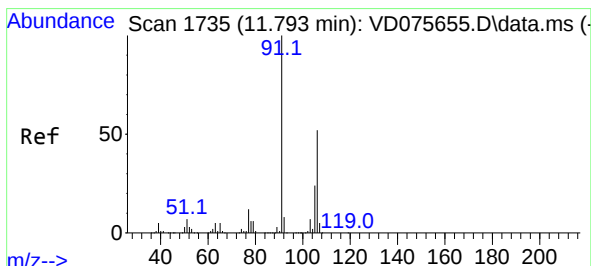
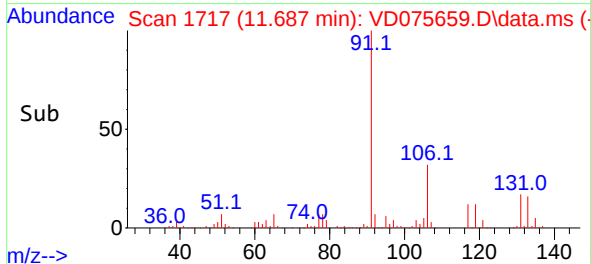
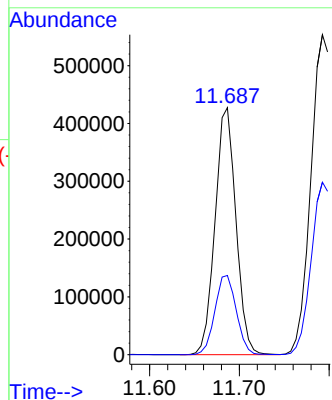
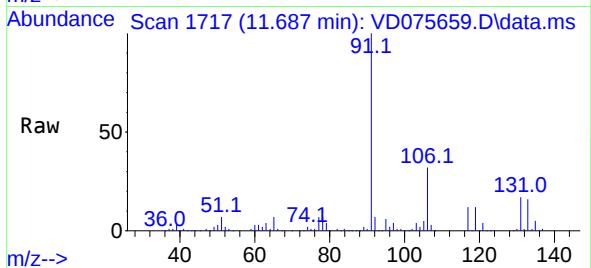




#67
Ethyl Benzene
Concen: 53.701 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

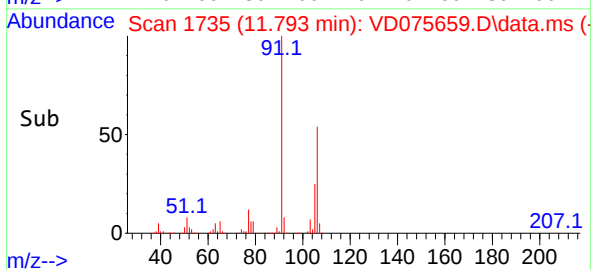
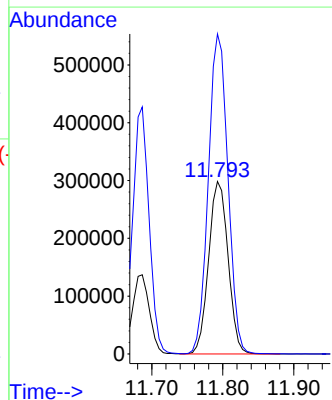
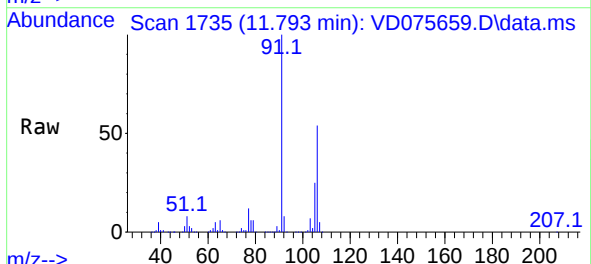
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

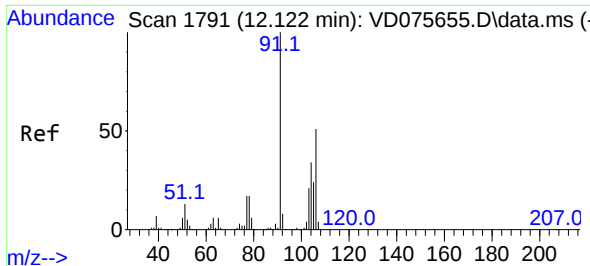
Tgt Ion: 91 Resp: 690591
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 107.465 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 106 Resp: 566376
Ion Ratio Lower Upper
106 100
91 187.0 161.5 242.3

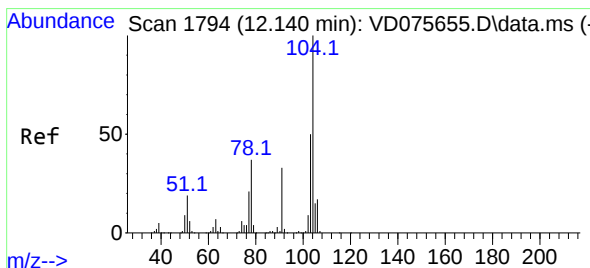
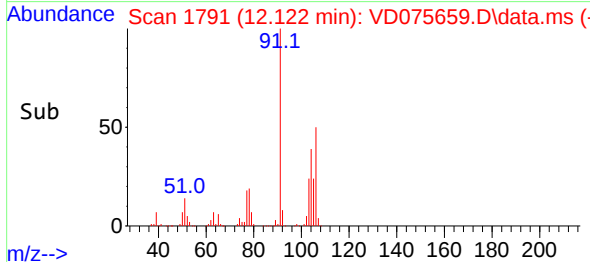
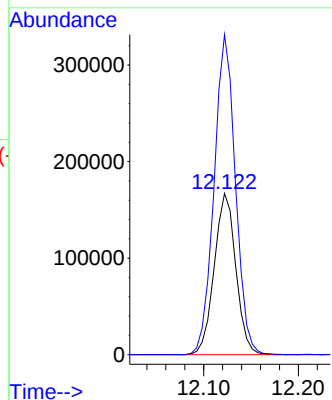
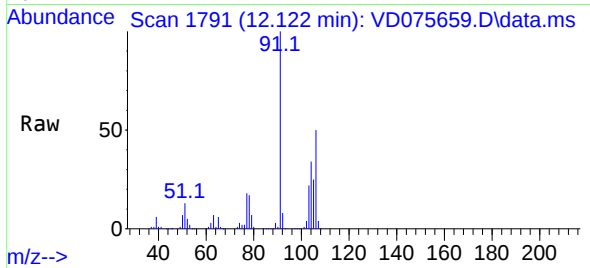




#69
o-Xylene
Concen: 55.471 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

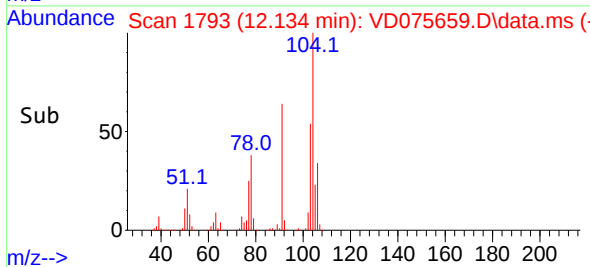
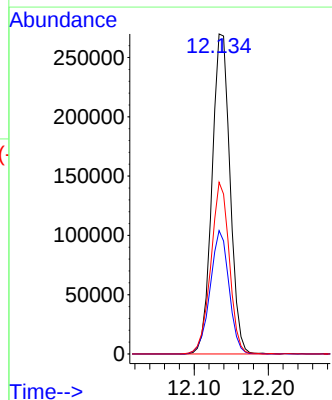
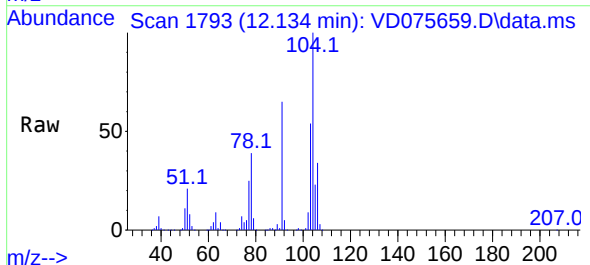
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

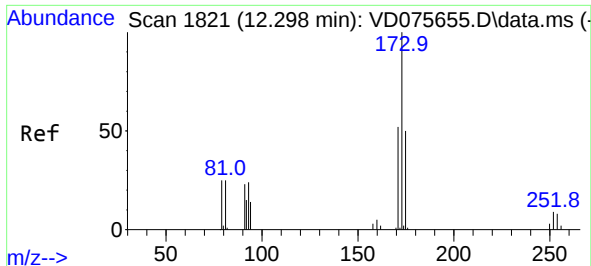
Tgt Ion:106 Resp: 264354
Ion Ratio Lower Upper
106 100
91 196.7 105.7 317.1



#70
Styrene
Concen: 52.094 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:104 Resp: 456120
Ion Ratio Lower Upper
104 100
78 40.3 40.2 60.4
103 54.9 44.2 66.2

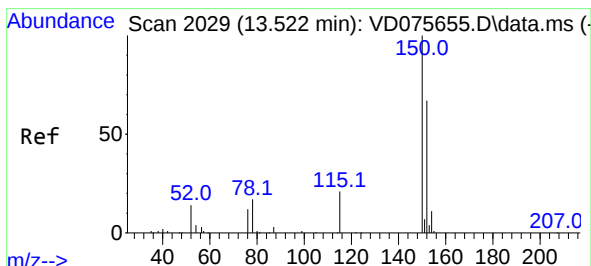
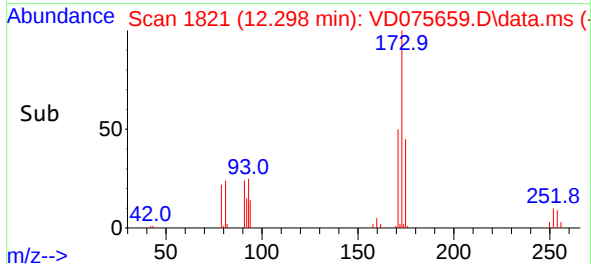
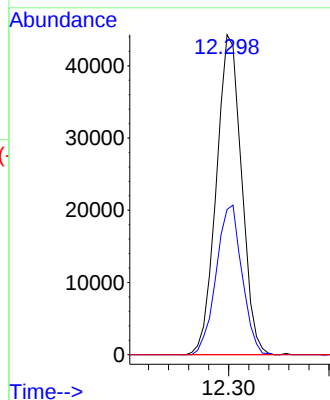
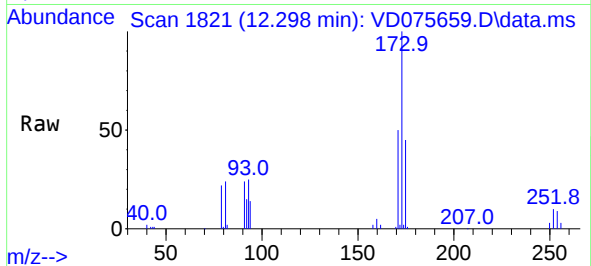




#71
Bromoform
Concen: 54.320 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

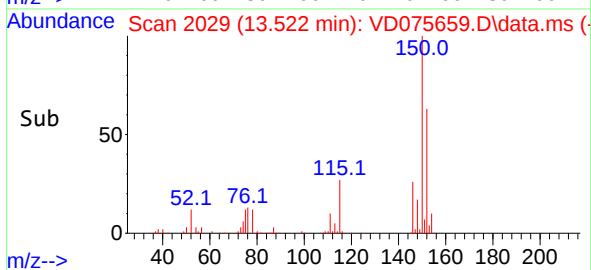
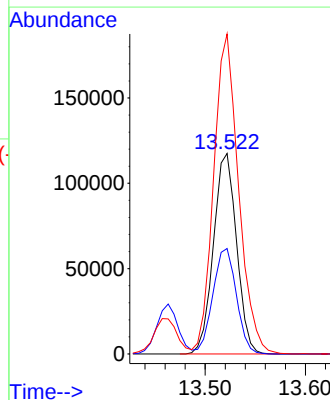
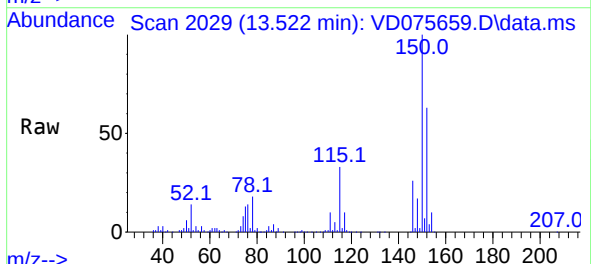
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

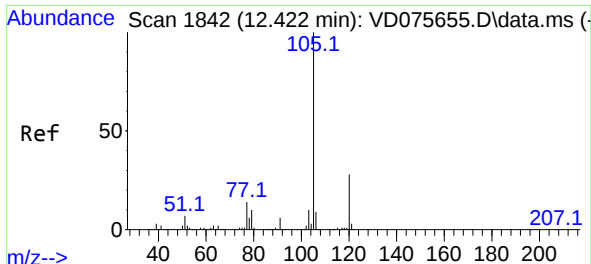
Tgt Ion:173 Resp: 77353
Ion Ratio Lower Upper
173 100
175 47.8 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:152 Resp: 188100
Ion Ratio Lower Upper
152 100
115 53.8 30.1 90.3
150 172.1 0.0 364.8

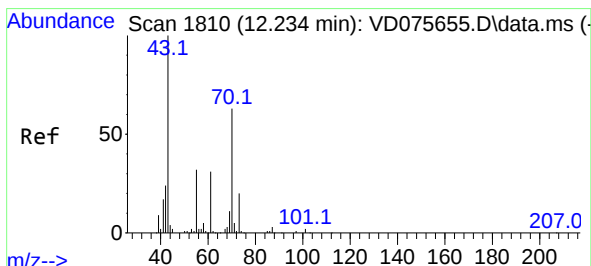
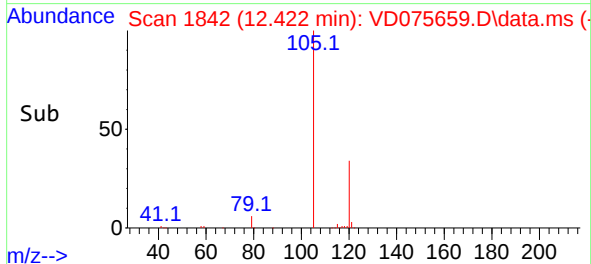
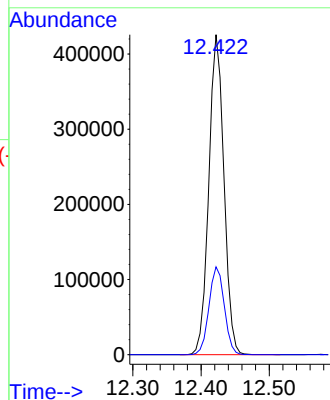
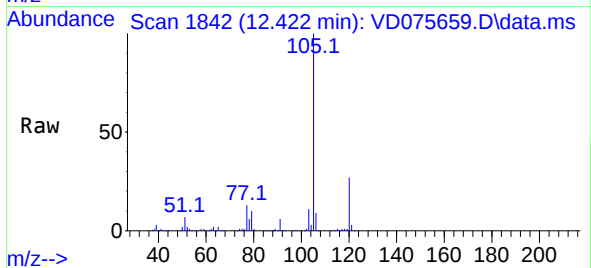




#73
Isopropylbenzene
Concen: 53.234 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

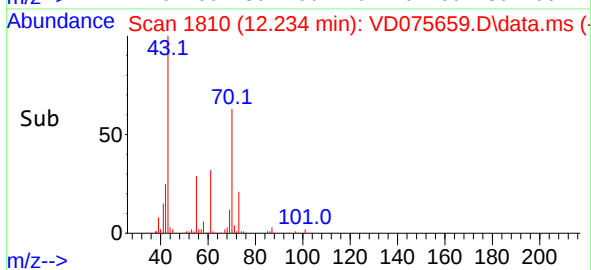
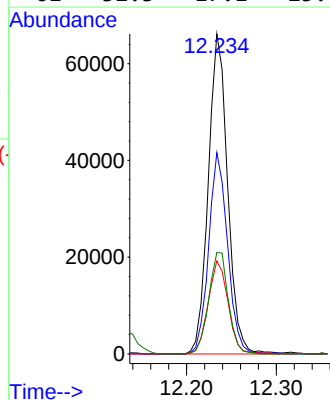
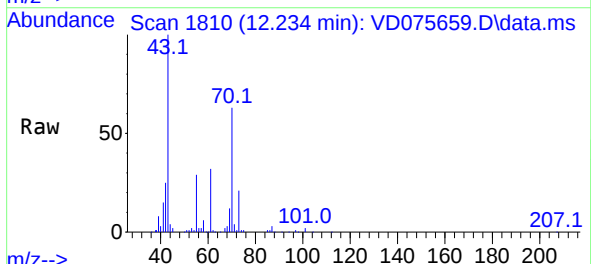
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

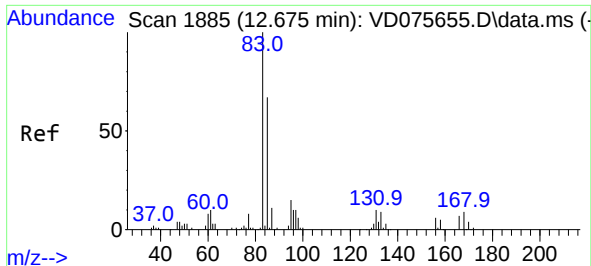
Tgt Ion:105 Resp: 657174
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 54.585 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 43 Resp: 99020
Ion Ratio Lower Upper
43 100
70 61.7 31.0 46.4#
55 30.0 18.6 28.0#
61 32.3 17.1 25.7#

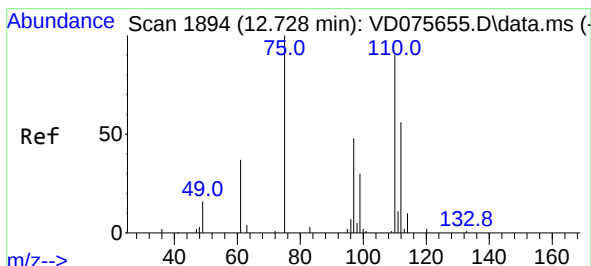
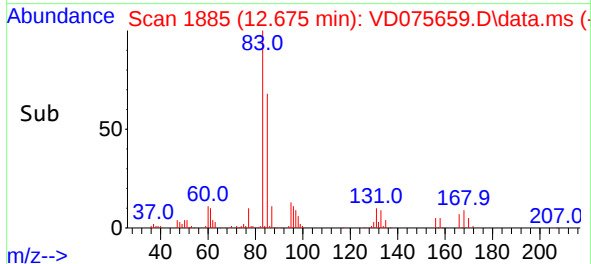
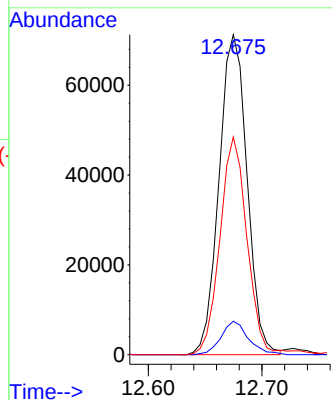
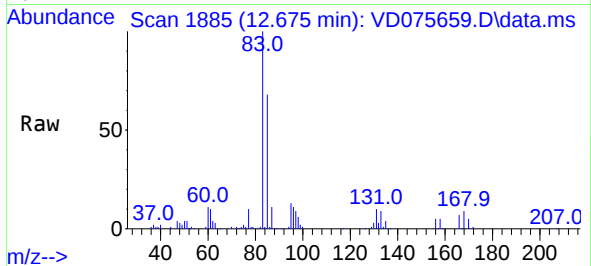




#75
1,1,2,2-Tetrachloroethane
Concen: 50.969 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

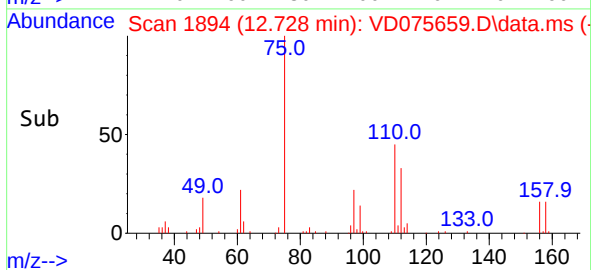
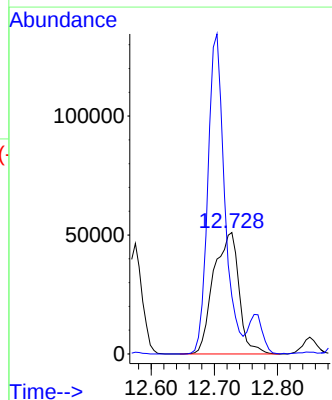
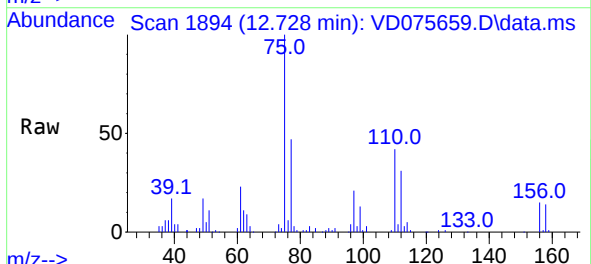
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

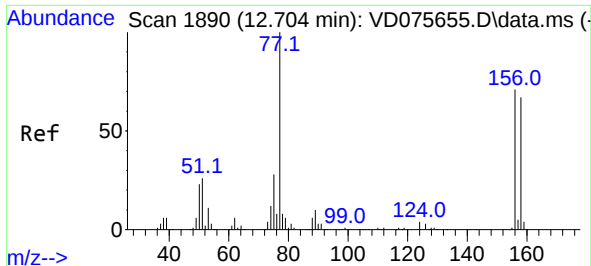
Tgt Ion: 83 Resp: 122227
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 66.3 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 92.895 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 75 Resp: 142496
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



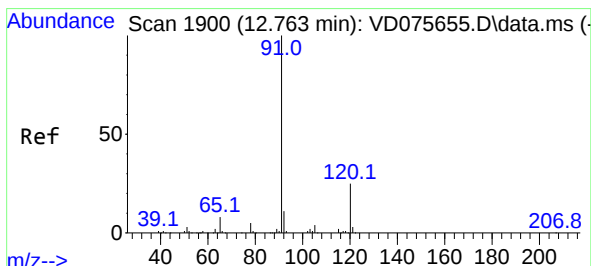
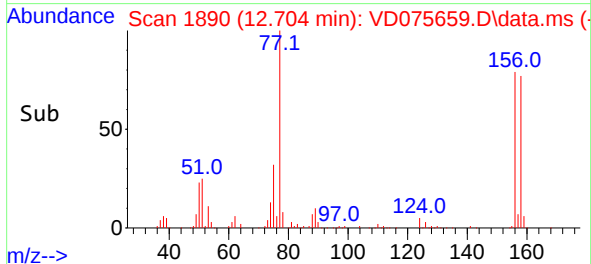
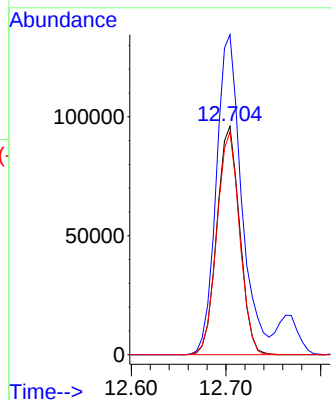
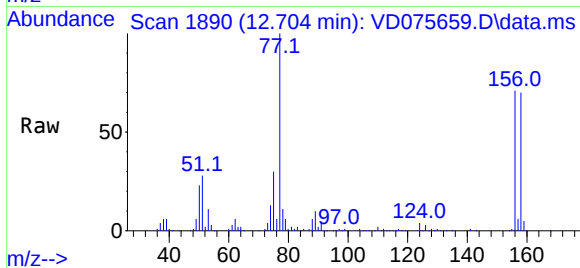


#77
Bromobenzene
Concen: 50.466 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

Tgt Ion:156 Resp: 160613

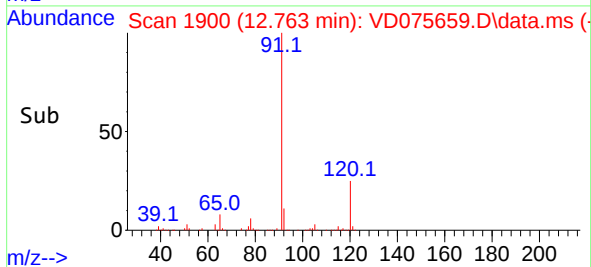
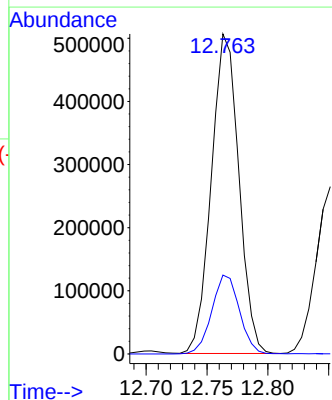
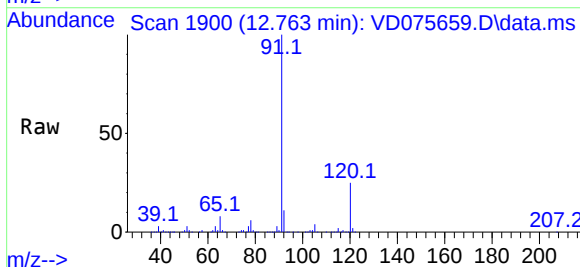
Ion	Ratio	Lower	Upper
156	100		
77	155.0	89.5	268.6
158	97.4	47.8	143.4

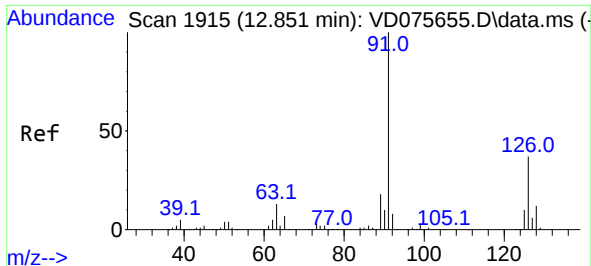


#78
n-propylbenzene
Concen: 52.628 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 91 Resp: 796368

Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.4	34.2





#79

2-Chlorotoluene

Concen: 49.414 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

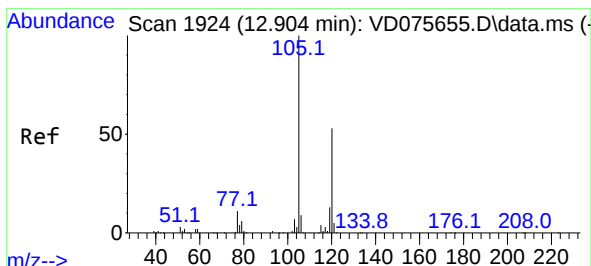
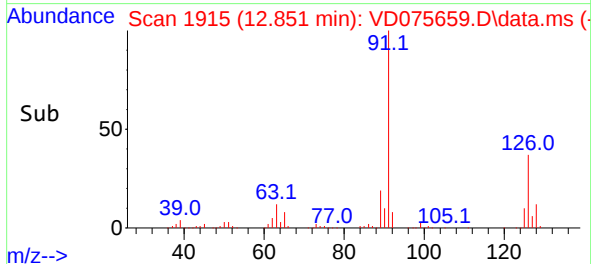
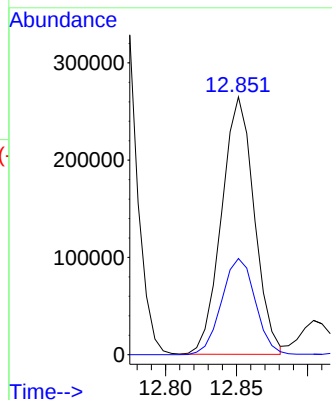
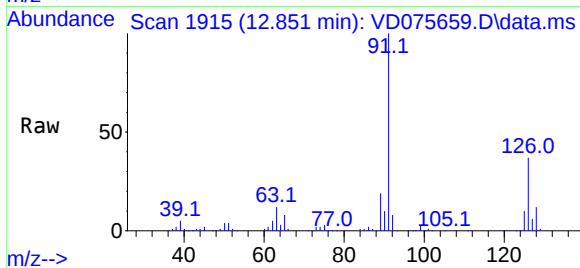
ICVVD041323

Tgt Ion: 91 Resp: 424106

Ion Ratio Lower Upper

91 100

126 38.6 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 52.226 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075659.D

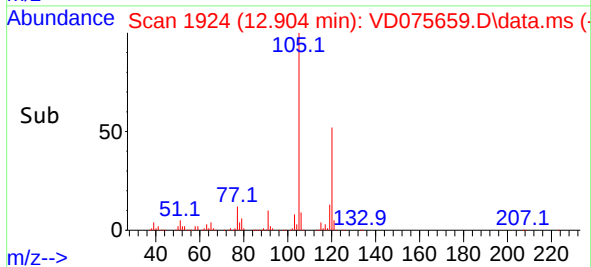
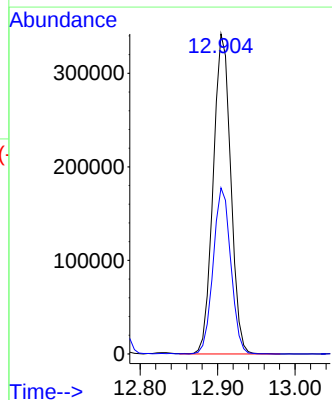
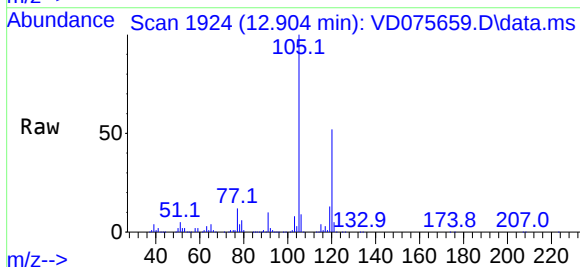
Acq: 13 Apr 2023 14:26

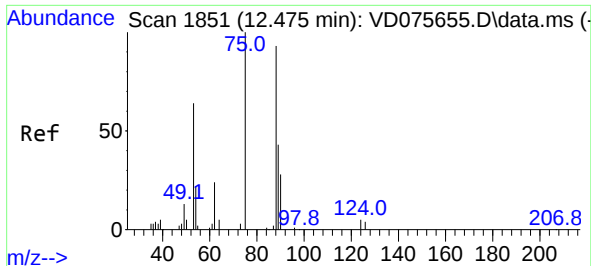
Tgt Ion: 105 Resp: 537487

Ion Ratio Lower Upper

105 100

120 52.1 24.3 72.8

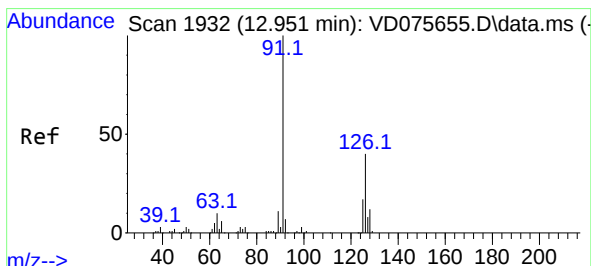
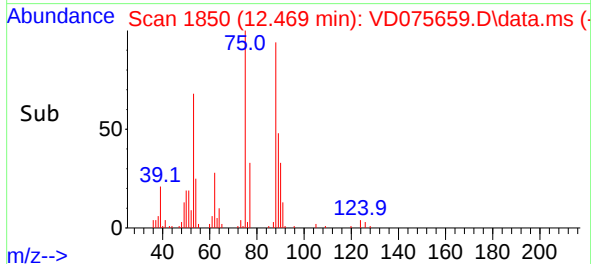
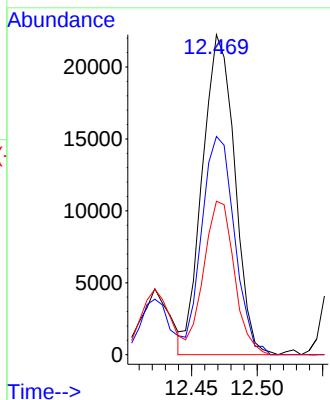
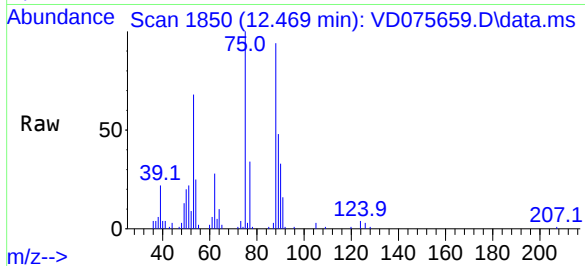




#81
trans-1,4-Dichloro-2-butene
Concen: 53.818 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

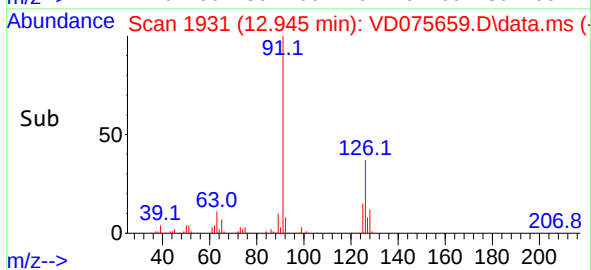
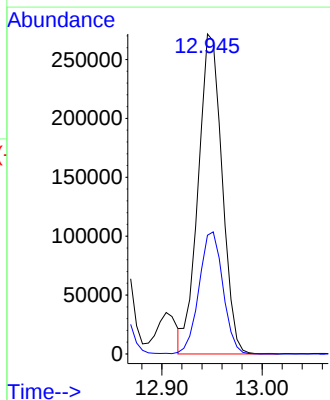
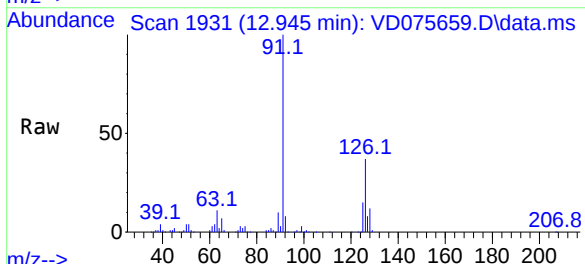
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

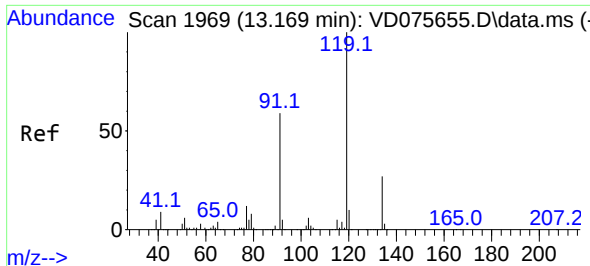
Tgt Ion: 75 Resp: 38089
Ion Ratio Lower Upper
75 100
53 68.6 90.5 135.7#
89 45.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 50.486 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 91 Resp: 450552
Ion Ratio Lower Upper
91 100
126 38.2 17.1 51.2

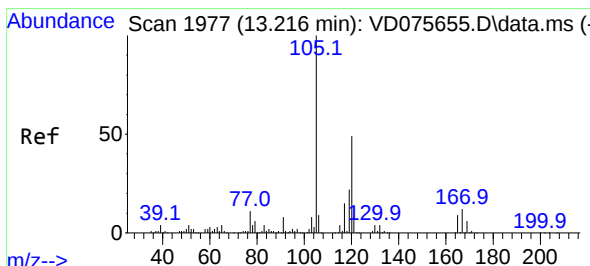
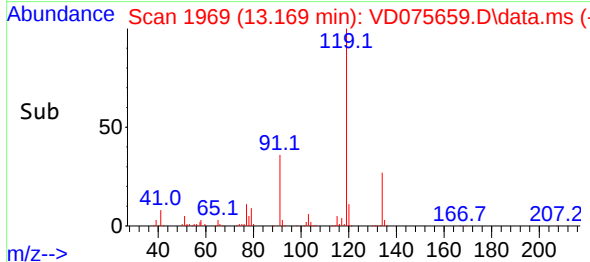
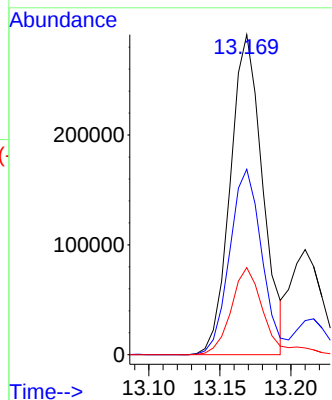
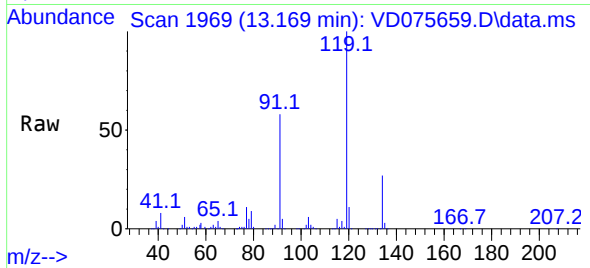




#83
tert-Butylbenzene
Concen: 53.111 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

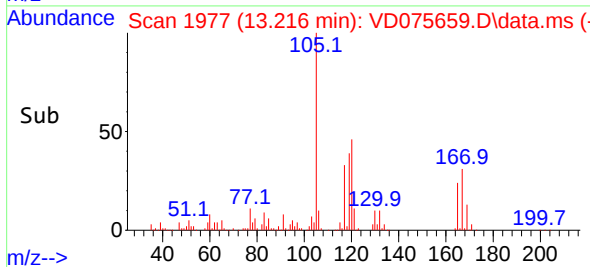
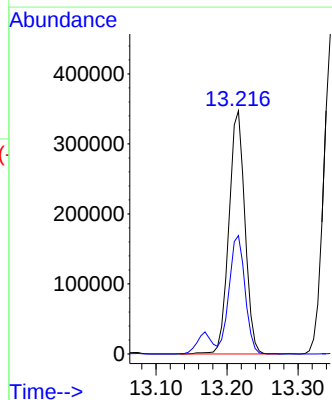
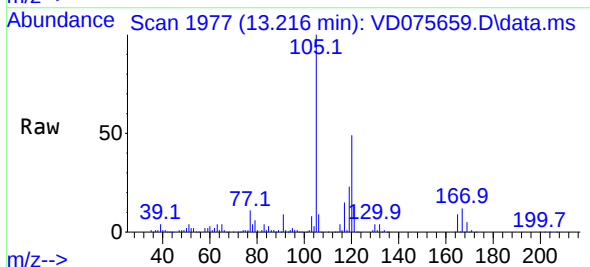
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

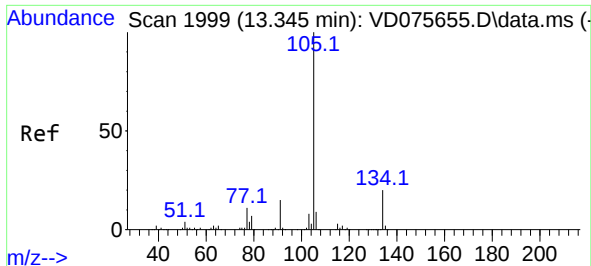
Tgt Ion:119 Resp: 460871
Ion Ratio Lower Upper
119 100
91 58.3 32.4 97.0
134 27.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.513 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:105 Resp: 542288
Ion Ratio Lower Upper
105 100
120 48.4 22.3 66.9

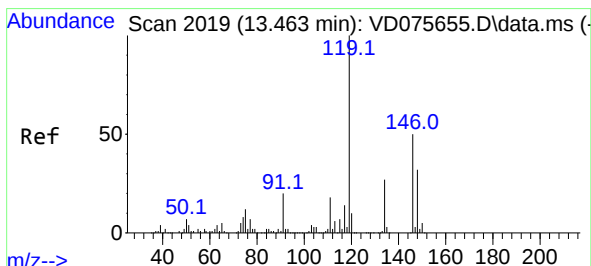
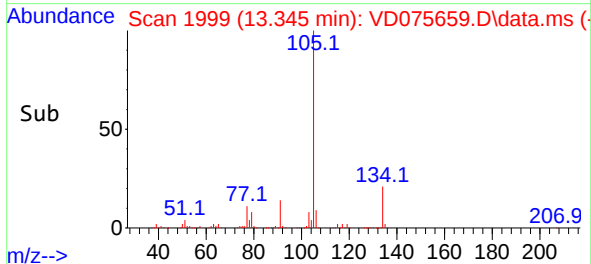
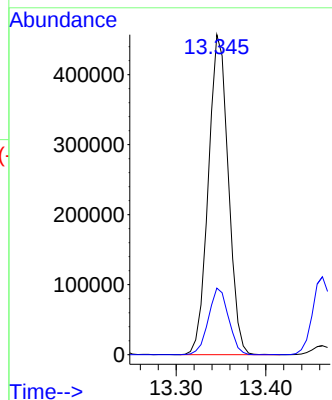
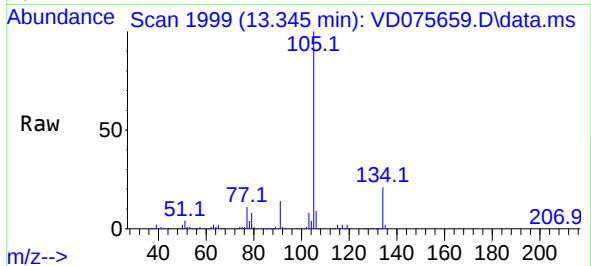




#85
 sec-Butylbenzene
 Concen: 52.719 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075659.D
 Acq: 13 Apr 2023 14:26

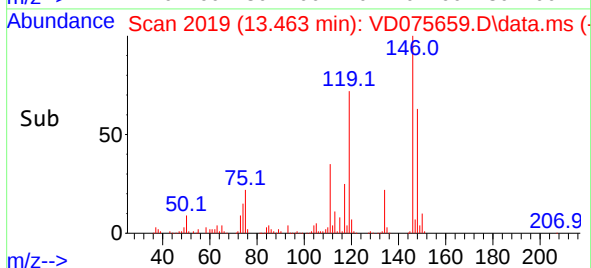
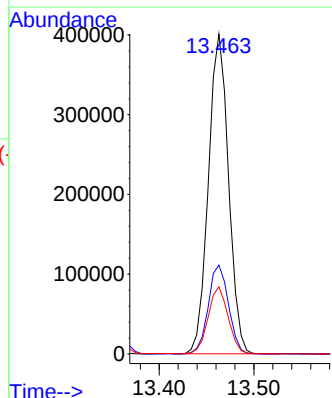
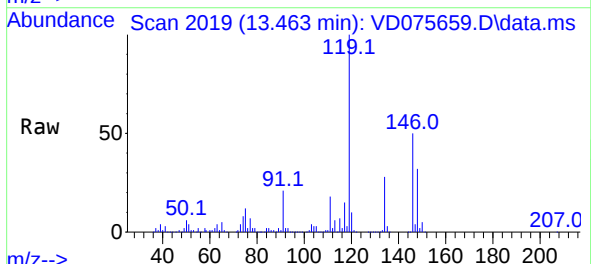
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041323

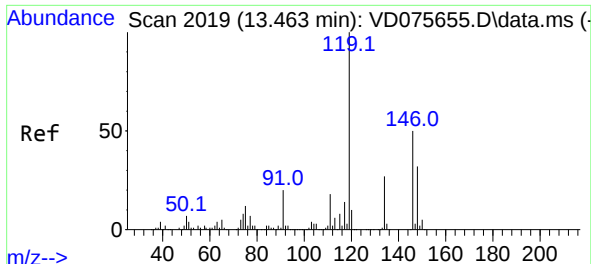
Tgt Ion:105 Resp: 705750
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 53.081 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075659.D
 Acq: 13 Apr 2023 14:26

Tgt Ion:119 Resp: 591564
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.3
 91 21.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.094 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041323

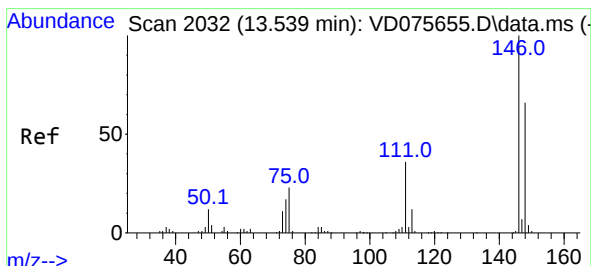
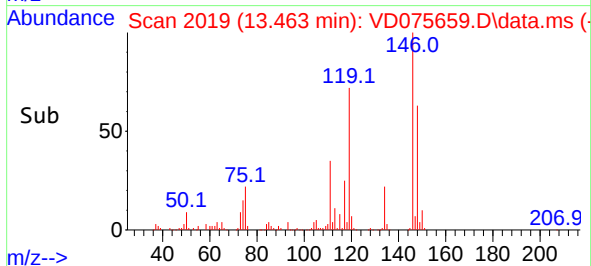
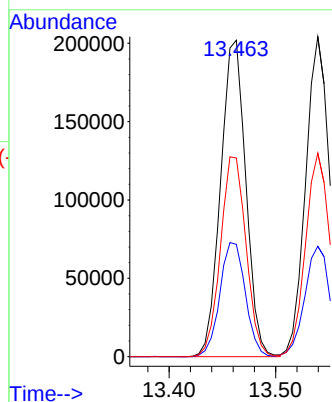
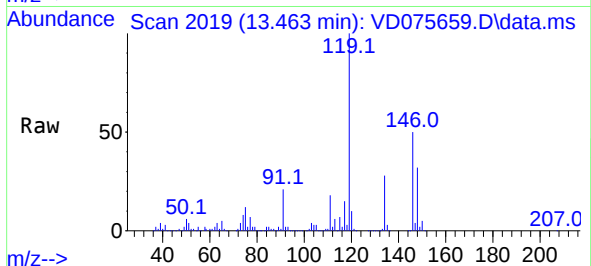
Tgt Ion:146 Resp: 331668

Ion Ratio Lower Upper

146 100

111 36.5 19.8 59.3

148 64.1 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 49.636 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

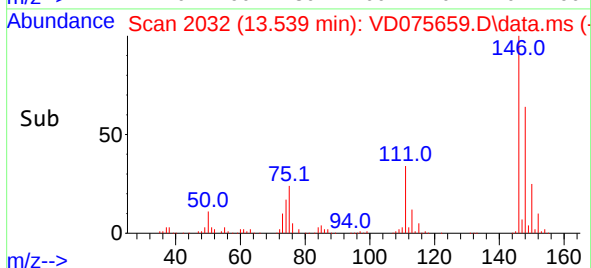
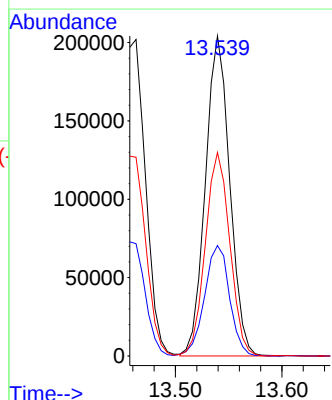
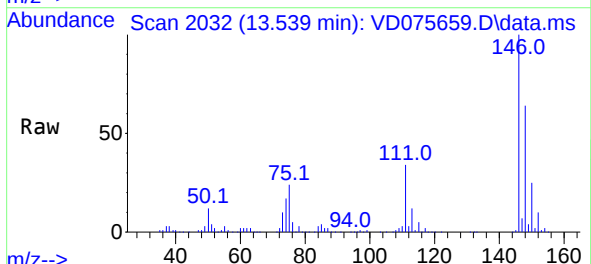
Tgt Ion:146 Resp: 324670

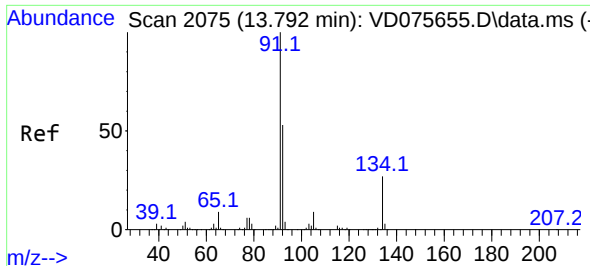
Ion Ratio Lower Upper

146 100

111 35.6 19.6 58.8

148 64.1 31.7 95.1

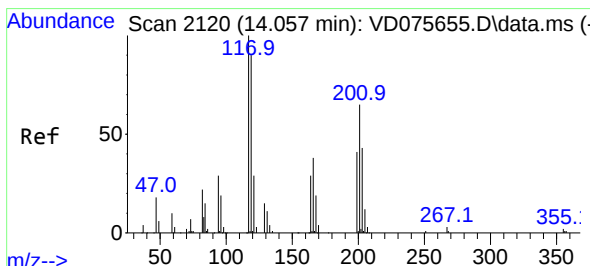
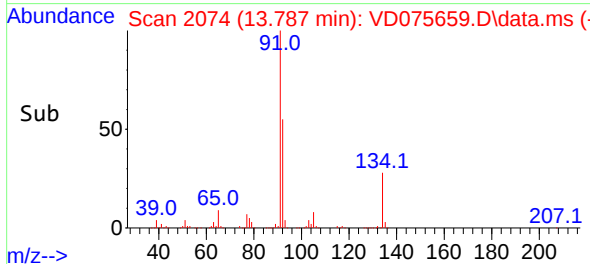
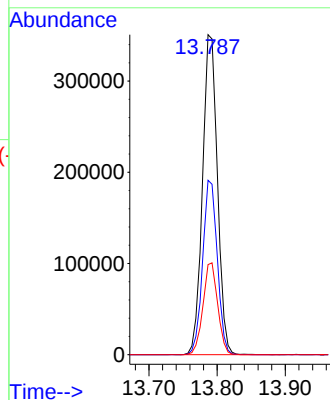
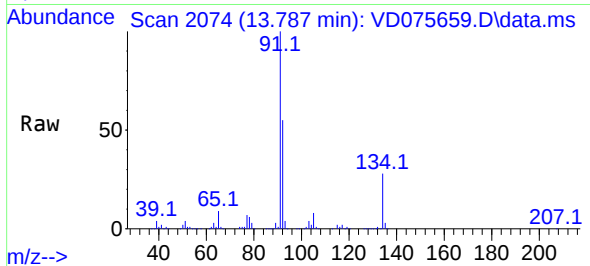




#89
n-Butylbenzene
Concen: 51.930 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.005 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

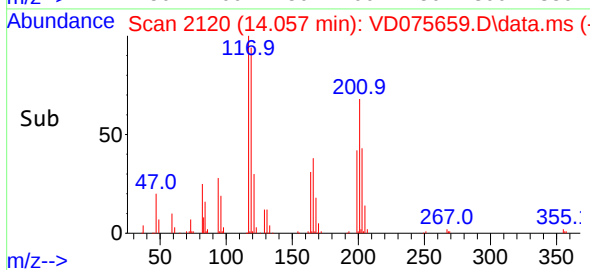
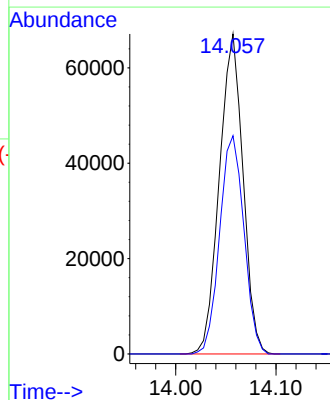
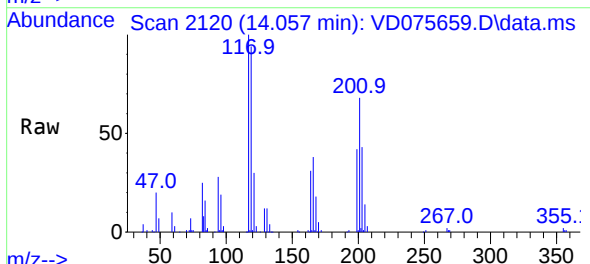
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

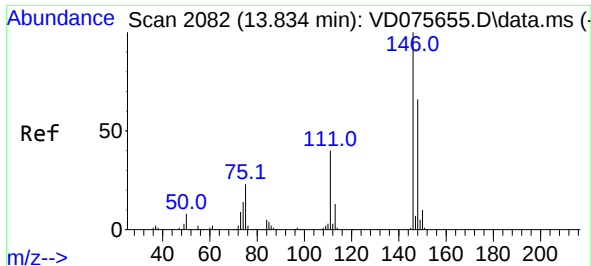
Tgt Ion: 91 Resp: 533096
Ion Ratio Lower Upper
91 100
92 53.5 26.2 78.5
134 28.3 12.7 38.0



#90
Hexachloroethane
Concen: 49.609 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion: 117 Resp: 109848
Ion Ratio Lower Upper
117 100
201 69.9 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 50.742 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041323

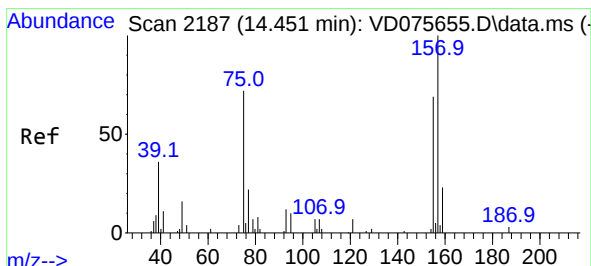
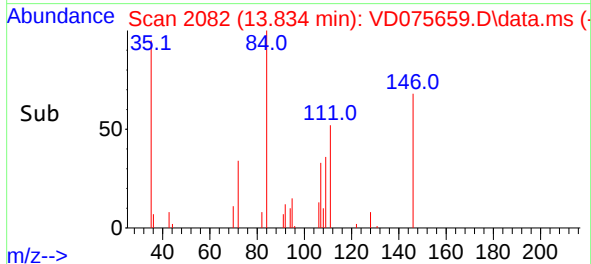
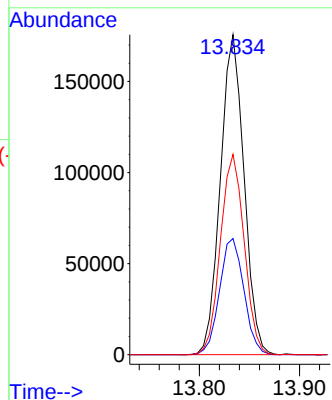
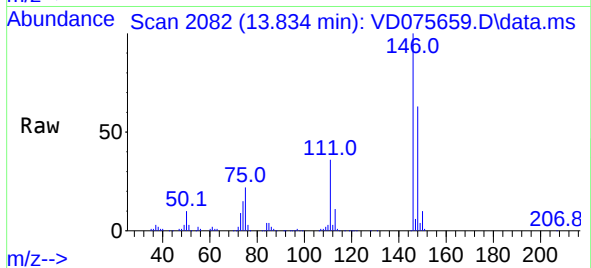
Tgt Ion:146 Resp: 287790

Ion Ratio Lower Upper

146 100

111 37.3 20.6 61.8

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.084 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075659.D

Acq: 13 Apr 2023 14:26

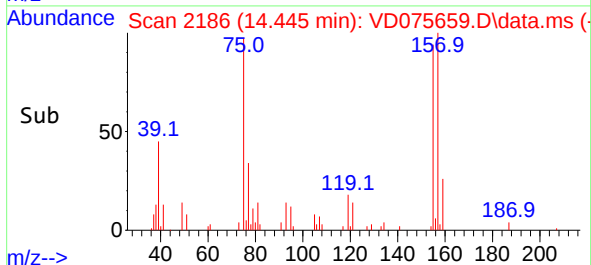
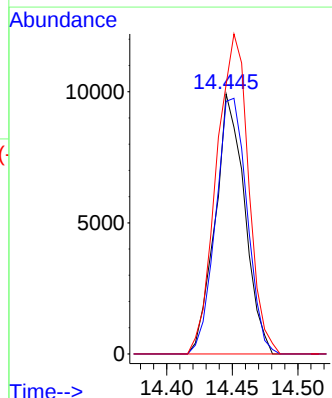
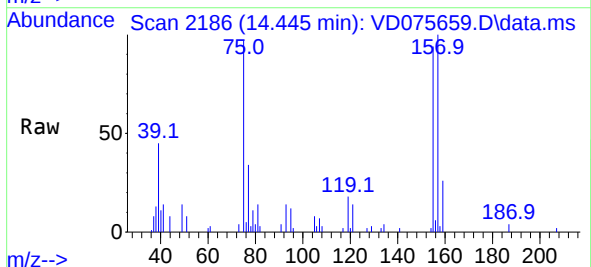
Tgt Ion: 75 Resp: 15458

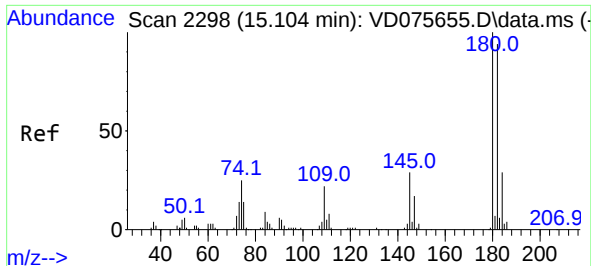
Ion Ratio Lower Upper

75 100

155 104.5 39.5 118.5

157 134.1 53.5 160.7

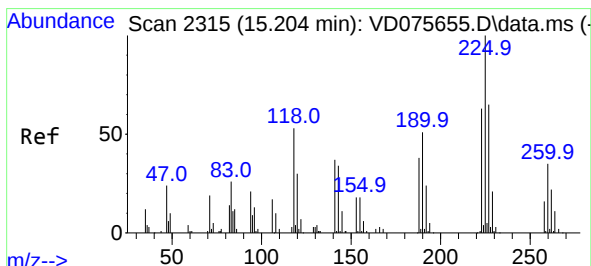
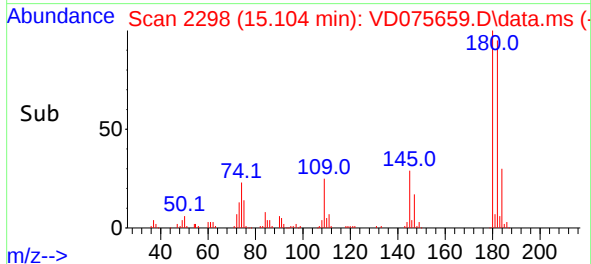
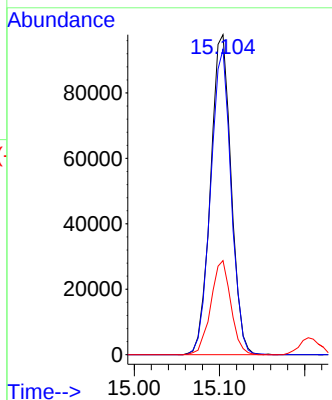
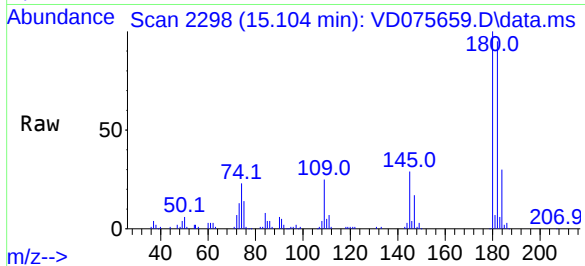




#93
1,2,4-Trichlorobenzene
Concen: 49.680 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

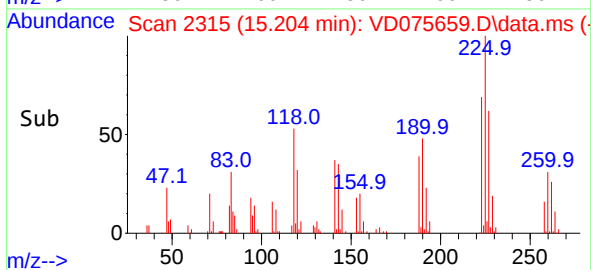
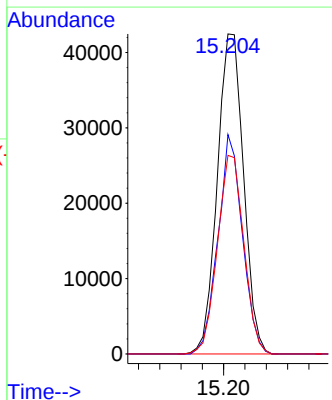
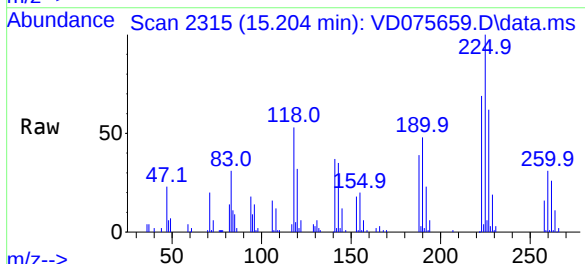
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

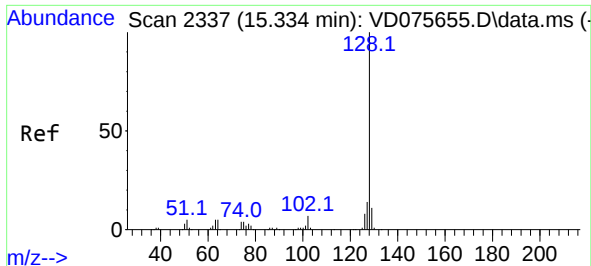
Tgt Ion:180 Resp: 163927
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.7
145 28.7 15.9 47.7



#94
Hexachlorobutadiene
Concen: 46.041 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:225 Resp: 72611
Ion Ratio Lower Upper
225 100
223 63.7 33.1 99.2
227 62.4 31.9 95.9



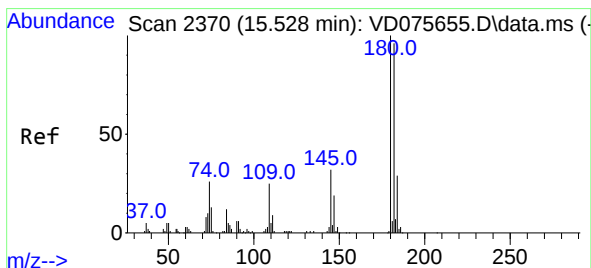
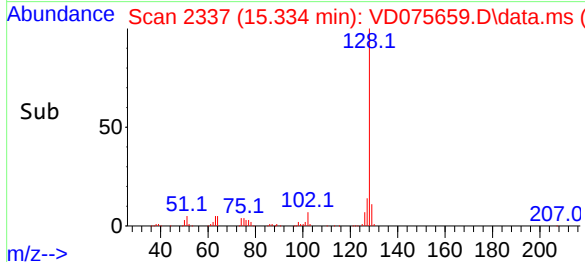
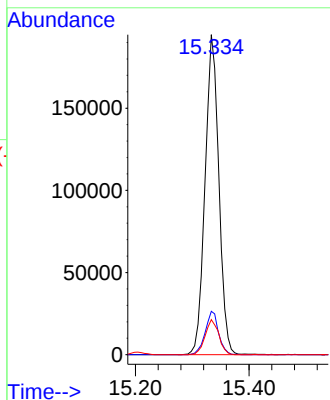
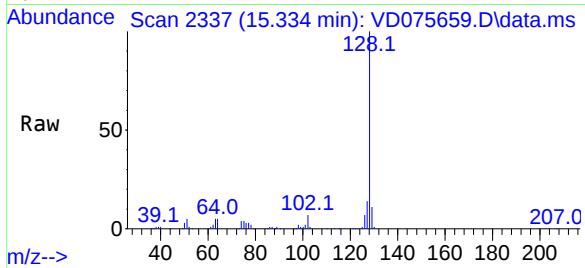


#95
Naphthalene
Concen: 52.278 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041323

Tgt Ion:128 Resp: 326801

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.529 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075659.D
Acq: 13 Apr 2023 14:26

Tgt Ion:180 Resp: 143845

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.7	143.1
145	30.6	16.4	49.4

