

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078369.D
 Acq On : 08 Feb 2024 15:13
 Operator : RP/MD
 Sample : VD0208SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:09:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110424	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	200066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86717	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51729	37.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.680%
35) Dibromofluoromethane	7.805	113	53216	37.362	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.720%
50) Toluene-d8	10.269	98	191823	35.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.140%
62) 4-Bromofluorobenzene	12.569	95	59819	37.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	24338	18.425	ug/l	94
3) Chloromethane	2.152	50	45375	19.754	ug/l	97
4) Vinyl Chloride	2.281	62	53757	17.741	ug/l	96
5) Bromomethane	2.676	94	30077	16.396	ug/l	97
6) Chloroethane	2.828	64	37848	18.084	ug/l	98
7) Trichlorofluoromethane	3.164	101	46455	18.109	ug/l	90
8) Diethyl Ether	3.593	74	14449	19.040	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	29359	18.648	ug/l	98
10) Methyl Iodide	4.164	142	20866	14.570	ug/l	# 87
11) Tert butyl alcohol	5.069	59	9537	109.377	ug/l	95
12) 1,1-Dichloroethene	3.934	96	25628	16.870	ug/l	# 83
13) Acrolein	3.787	56	9300	85.961	ug/l	100
14) Allyl chloride	4.558	41	33844	16.898	ug/l	87
15) Acrylonitrile	5.258	53	32010	95.428	ug/l	97
16) Acetone	4.028	43	33837	96.562	ug/l	# 82
17) Carbon Disulfide	4.264	76	68402	13.338	ug/l	# 91
18) Methyl Acetate	4.570	43	11811	16.211	ug/l	# 84
19) Methyl tert-butyl Ether	5.322	73	59920	18.966	ug/l	99
20) Methylene Chloride	4.799	84	46987	27.072	ug/l	# 90
21) trans-1,2-Dichloroethene	5.311	96	28106	16.363	ug/l	86
22) Diisopropyl ether	6.216	45	80687	18.933	ug/l	# 92
23) Vinyl Acetate	6.158	43	239414	92.078	ug/l	# 90
24) 1,1-Dichloroethane	6.105	63	53233	18.043	ug/l	99
25) 2-Butanone	7.087	43	43511	95.523	ug/l	# 82
26) 2,2-Dichloropropane	7.075	77	42594	17.674	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	33030	17.351	ug/l	91
28) Bromochloromethane	7.422	49	16586	15.762	ug/l	# 79
29) Tetrahydrofuran	7.446	42	22157	90.927	ug/l	87
30) Chloroform	7.593	83	54671	18.123	ug/l	96
31) Cyclohexane	7.875	56	41365	16.157	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	47326	18.204	ug/l	97
36) 1,1-Dichloropropene	8.005	75	38656	16.367	ug/l	96
37) Ethyl Acetate	7.175	43	15058	16.565	ug/l	96
38) Carbon Tetrachloride	7.993	117	41937	18.058	ug/l	96
39) Methylcyclohexane	9.269	83	43931	15.732	ug/l	95
40) Benzene	8.252	78	117534	17.055	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.446	41	23165	47.399	ug/l #	28
42) 1,2-Dichloroethane	8.322	62	32818	18.361	ug/l	94
43) Isopropyl Acetate	8.363	43	30185	18.520	ug/l #	74
44) Trichloroethene	9.028	130	30555	18.056	ug/l	99
45) 1,2-Dichloropropane	9.305	63	29380	17.436	ug/l	97
46) Dibromomethane	9.393	93	17477	18.694	ug/l #	86
47) Bromodichloromethane	9.581	83	43303	18.826	ug/l	96
48) Methyl methacrylate	9.375	41	14430	18.527	ug/l #	81
49) 1,4-Dioxane	9.381	88	4283	408.403	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	81313	92.221	ug/l	89
52) Toluene	10.334	92	71537	17.114	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	38949	18.129	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	46014	18.091	ug/l #	87
55) 1,1,2-Trichloroethane	10.728	97	22953	18.814	ug/l	98
56) Ethyl methacrylate	10.599	69	24219	17.502	ug/l #	78
57) 1,3-Dichloropropane	10.875	76	38673	18.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	50087	79.594	ug/l	94
59) 2-Hexanone	10.922	43	65279	98.304	ug/l	84
60) Dibromochloromethane	11.075	129	28235	19.937	ug/l	99
61) 1,2-Dibromoethane	11.175	107	21464	18.635	ug/l	99
64) Tetrachloroethene	10.810	164	22435	17.411	ug/l	90
65) Chlorobenzene	11.604	112	77898	17.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	29888	18.992	ug/l	94
67) Ethyl Benzene	11.681	91	135907	16.975	ug/l	92
68) m/p-Xylenes	11.793	106	105405	34.220	ug/l	89
69) o-Xylene	12.116	106	48165	17.015	ug/l	88
70) Styrene	12.134	104	84359	17.451	ug/l	93
71) Bromoform	12.293	173	15523	20.028	ug/l #	99
73) Isopropylbenzene	12.416	105	131266	17.891	ug/l	97
74) N-amyl acetate	12.234	43	28043	18.480	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	26151	18.457	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	32286	35.622	ug/l #	100
77) Bromobenzene	12.698	156	28703	17.777	ug/l	80
78) n-propylbenzene	12.763	91	165143	18.069	ug/l	94
79) 2-Chlorotoluene	12.846	91	89555	18.304	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	110328	18.484	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8187	17.965	ug/l #	90
82) 4-Chlorotoluene	12.946	91	93834	17.990	ug/l	95
83) tert-Butylbenzene	13.163	119	89670	17.606	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	108694	17.999	ug/l	95
85) sec-Butylbenzene	13.340	105	144272	18.049	ug/l	94
86) p-Isopropyltoluene	13.457	119	116718	17.828	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	63615	18.965	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	62079	18.706	ug/l	96
89) n-Butylbenzene	13.787	91	119452	18.724	ug/l	95
90) Hexachloroethane	14.051	117	25027	19.139	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	52261	18.212	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3451	17.375	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	31066	18.716	ug/l	95
94) Hexachlorobutadiene	15.198	225	16279	20.015	ug/l	98
95) Naphthalene	15.328	128	64309	19.432	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	28395	19.429	ug/l	98

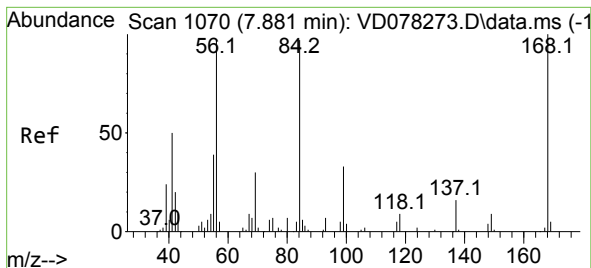
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

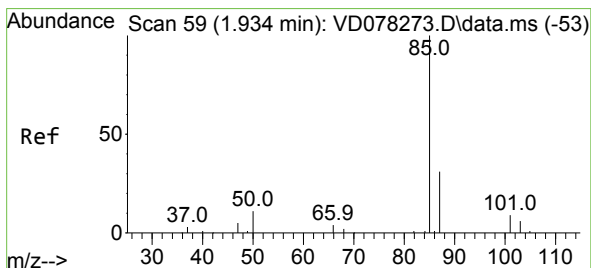
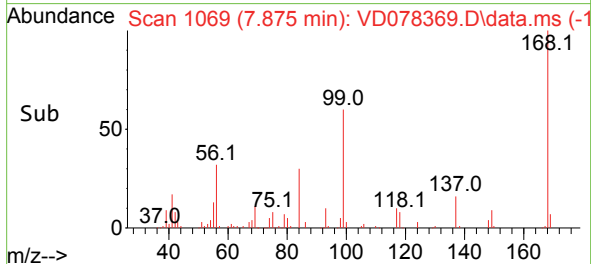
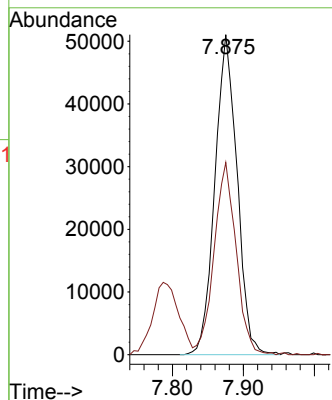
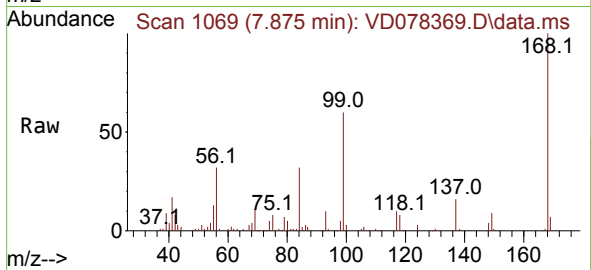
ClientSampleId :

Tgt Ion:168 Resp: 110424

Ion Ratio Lower Upper

168 100

99 59.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 18.425 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078369.D

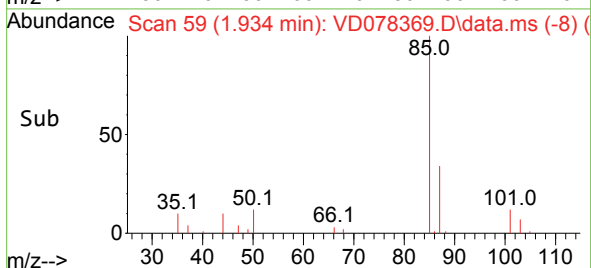
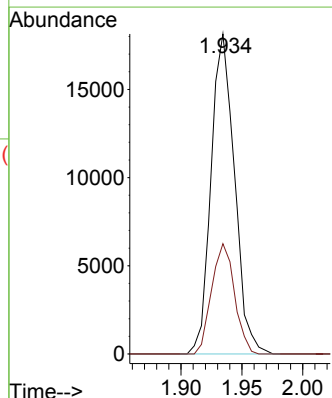
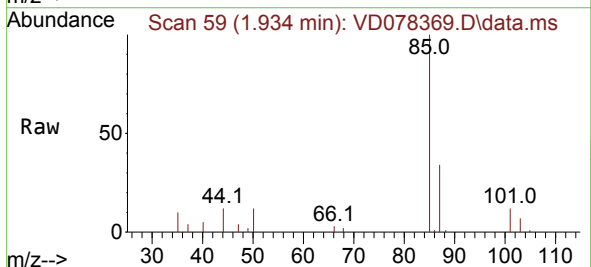
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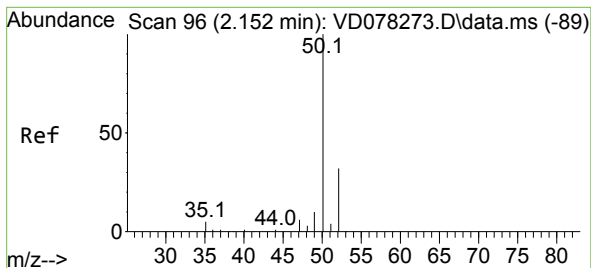
Tgt Ion: 85 Resp: 24338

Ion Ratio Lower Upper

85 100

87 34.4 15.7 47.0





#3

Chloromethane

Concen: 19.754 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

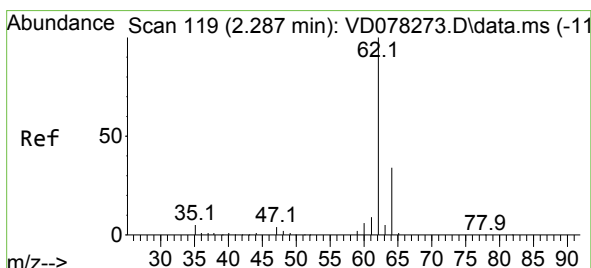
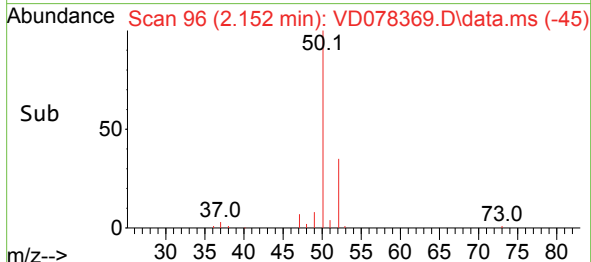
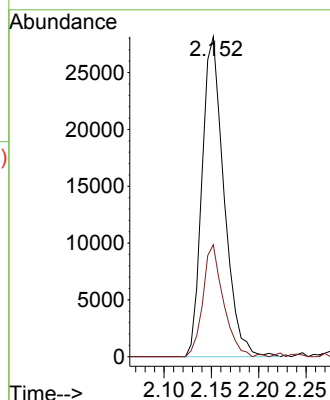
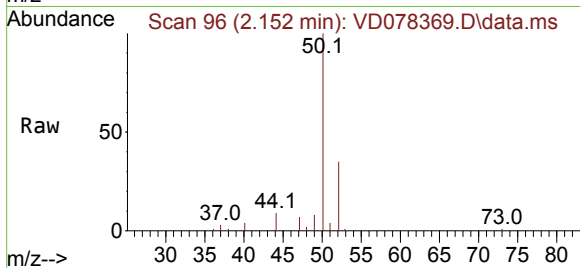
ClientSampleId :

Tgt Ion: 50 Resp: 45375

Ion Ratio Lower Upper

50 100

52 35.0 26.6 40.0



#4

Vinyl Chloride

Concen: 17.741 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD078369.D

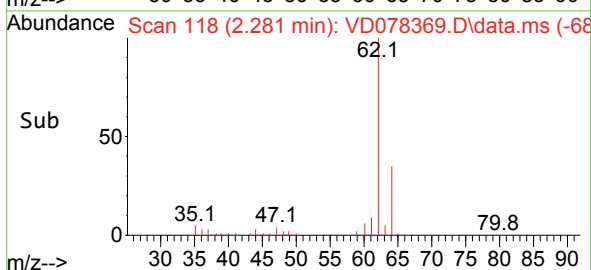
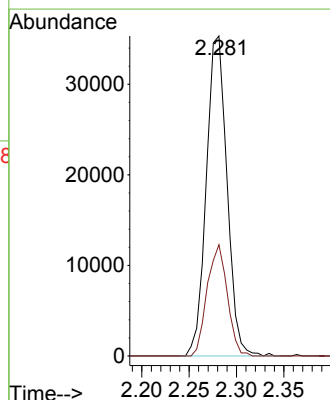
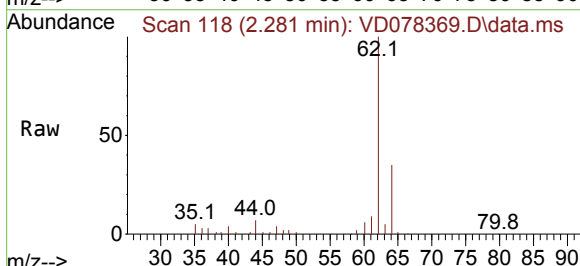
Acq: 08 Feb 2024 15:13

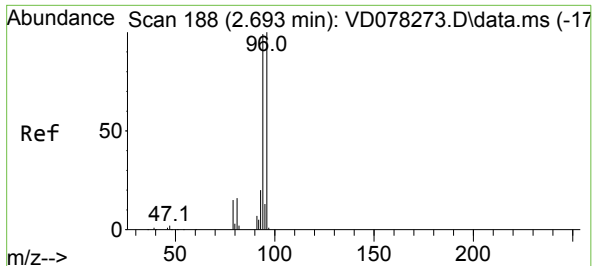
Tgt Ion: 62 Resp: 53757

Ion Ratio Lower Upper

62 100

64 34.8 26.0 39.0

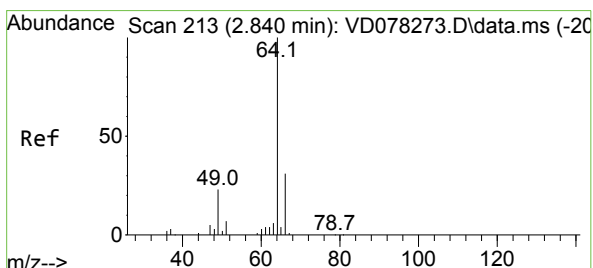
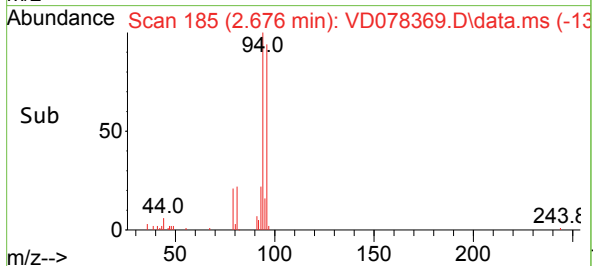
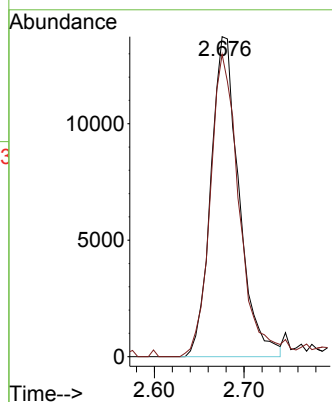
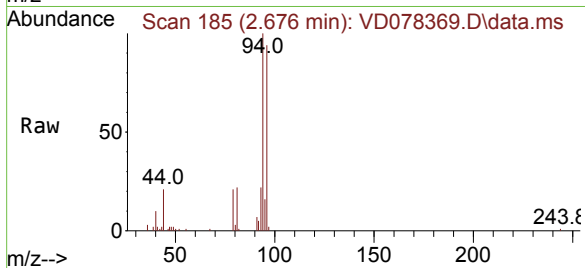




#5
Bromomethane
Concen: 16.396 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

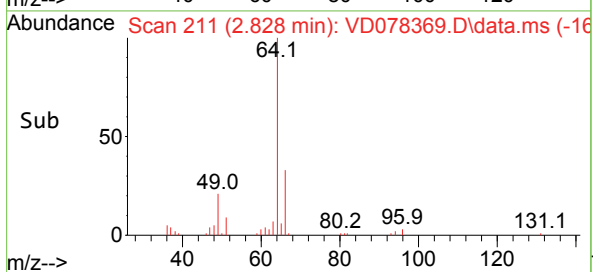
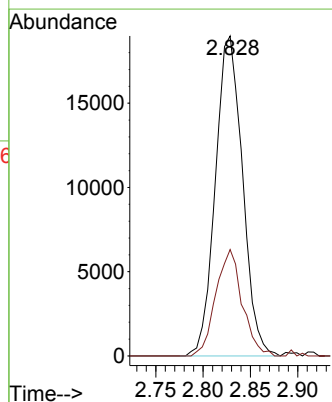
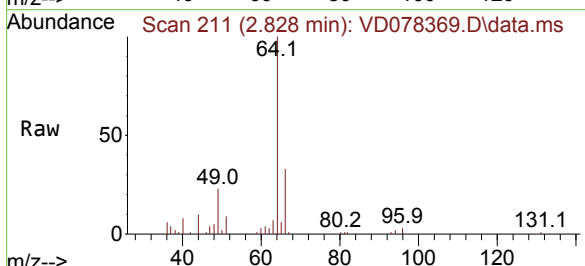
Instrument :
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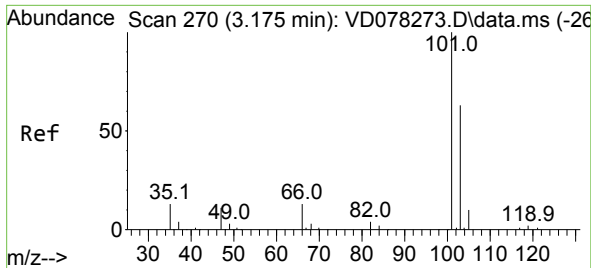
Tgt Ion: 94 Resp: 30077
Ion Ratio Lower Upper
94 100
96 97.6 75.8 113.8



#6
Chloroethane
Concen: 18.084 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 64 Resp: 37848
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

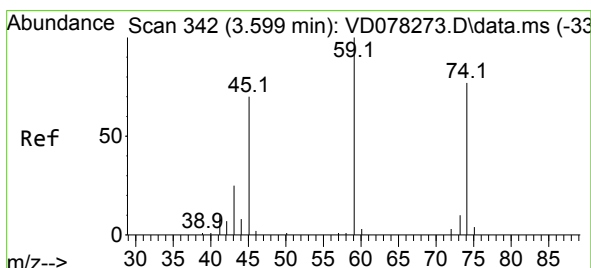
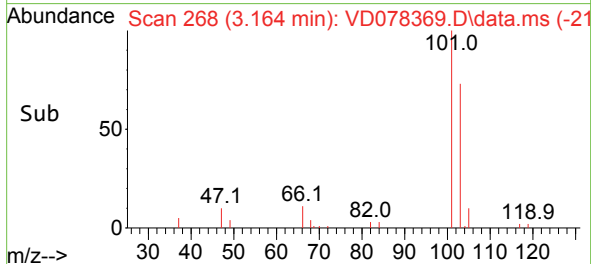
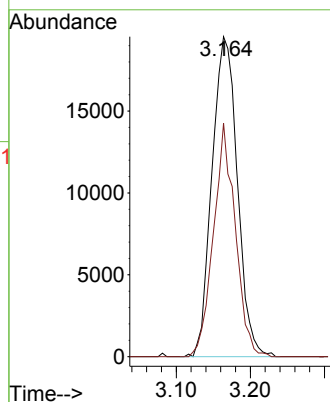
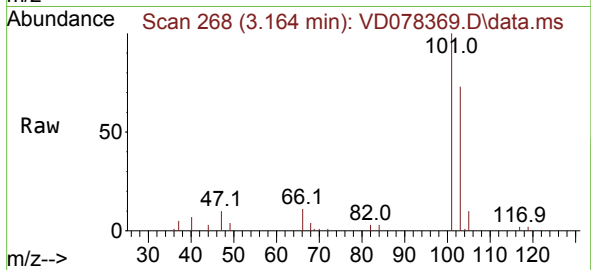




#7
 Trichlorofluoromethane
 Concen: 18.109 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VD078369.D
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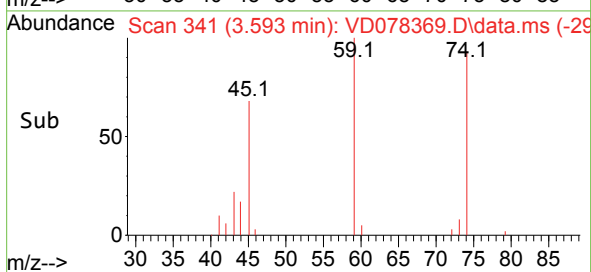
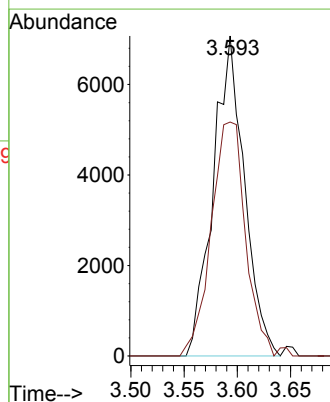
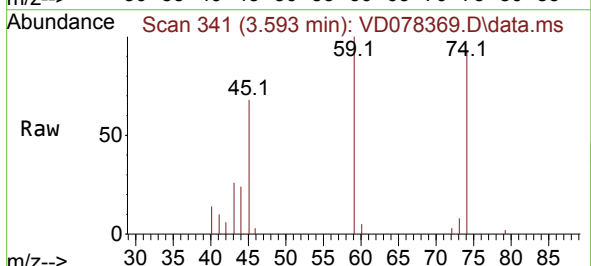
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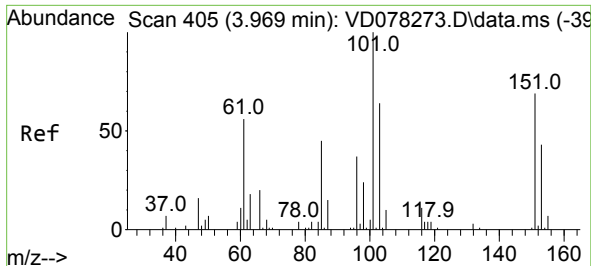
Tgt Ion:101 Resp: 46455
 Ion Ratio Lower Upper
 101 100
 103 73.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.040 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078369.D
 Acq: 08 Feb 2024 15:13

Tgt Ion: 74 Resp: 14449
 Ion Ratio Lower Upper
 74 100
 45 80.9 37.5 112.7

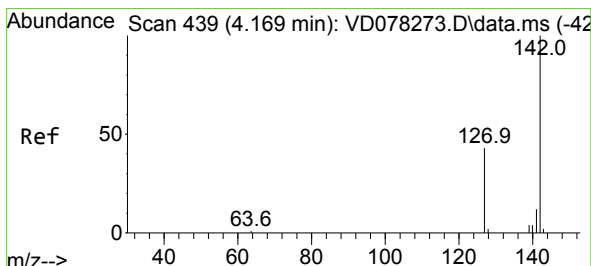
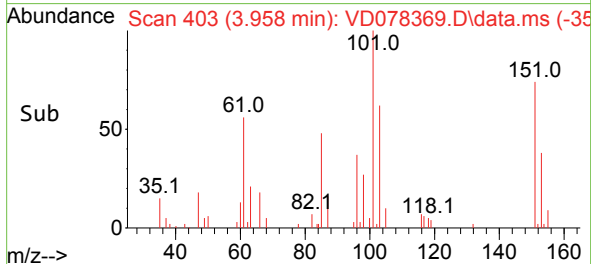
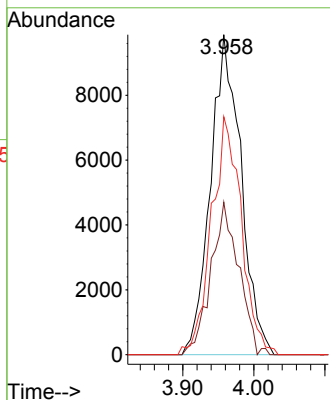
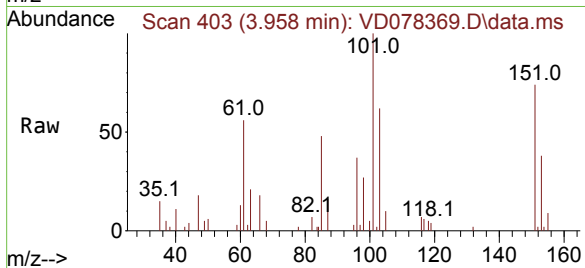




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.648 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

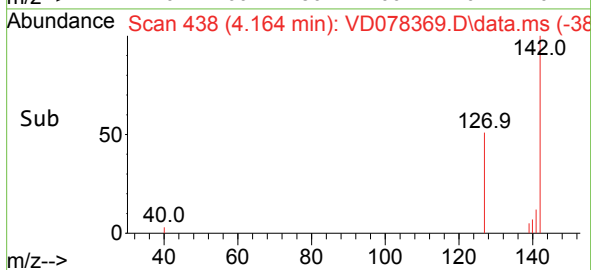
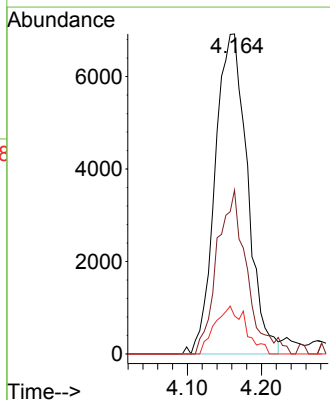
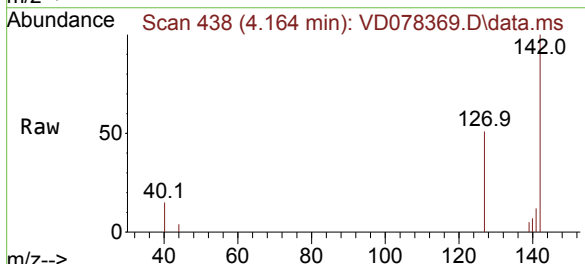
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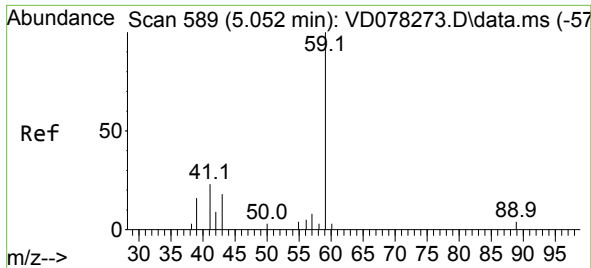
Tgt Ion:101 Resp: 29359
Ion Ratio Lower Upper
101 100
85 43.8 33.8 50.6
151 72.7 59.8 89.6



#10
Methyl Iodide
Concen: 14.570 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion:142 Resp: 20866
Ion Ratio Lower Upper
142 100
127 47.4 29.4 44.0#
141 14.4 11.1 16.7

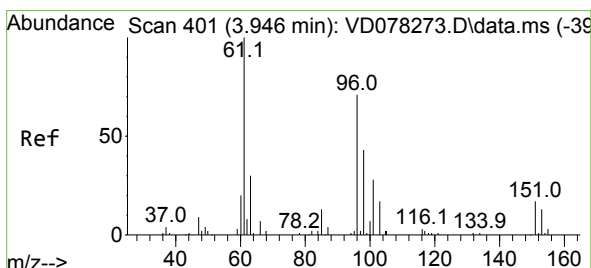
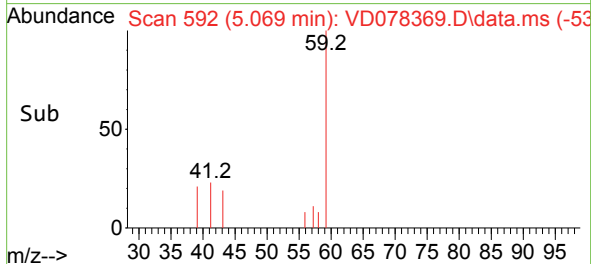
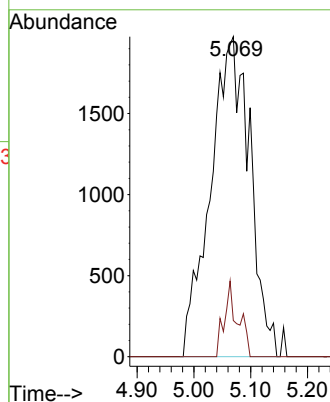
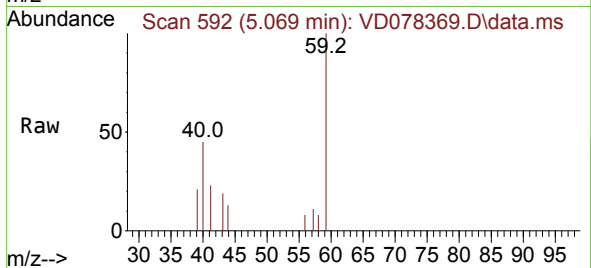




#11
Tert butyl alcohol
Concen: 109.377 ug/l
RT: 5.069 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

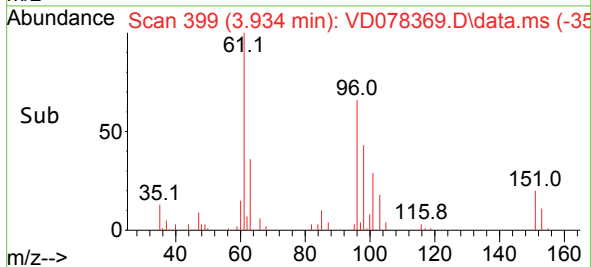
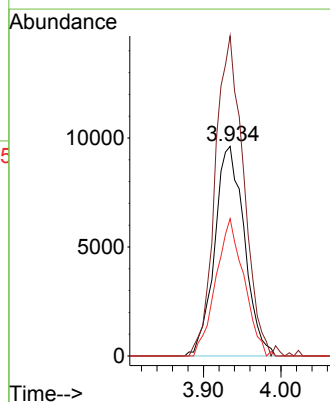
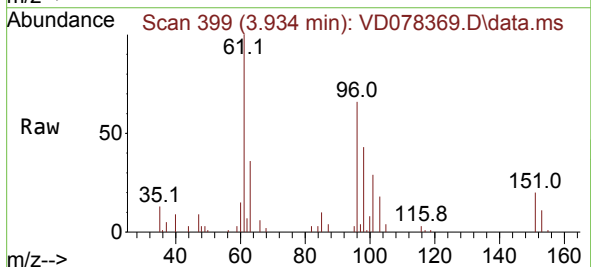
Instrument :
MSVOA_D
ClientSampleId :

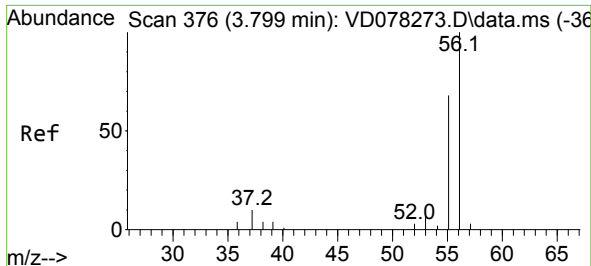
Tgt Ion: 59 Resp: 9537
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 16.870 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.012 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 96 Resp: 25628
Ion Ratio Lower Upper
96 100
61 152.6 100.6 150.8#
98 65.5 50.2 75.2





#13

Acrolein

Concen: 85.961 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.012 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

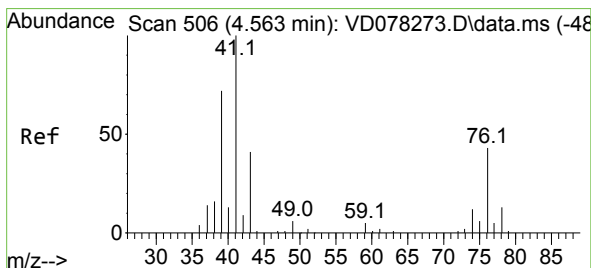
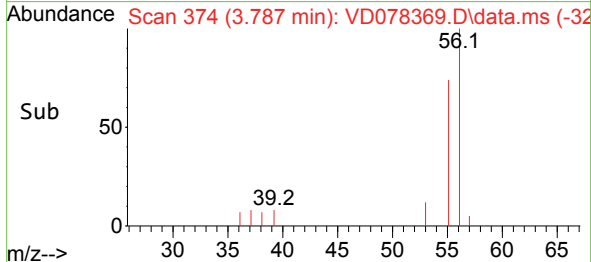
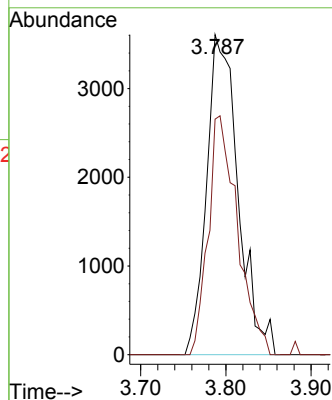
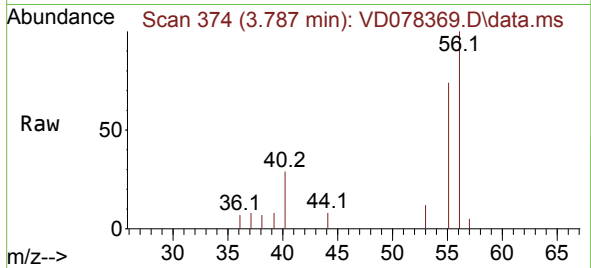
ClientSampleId :

Tgt Ion: 56 Resp: 9300

Ion Ratio Lower Upper

56 100

55 69.1 55.1 82.7



#14

Allyl chloride

Concen: 16.898 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

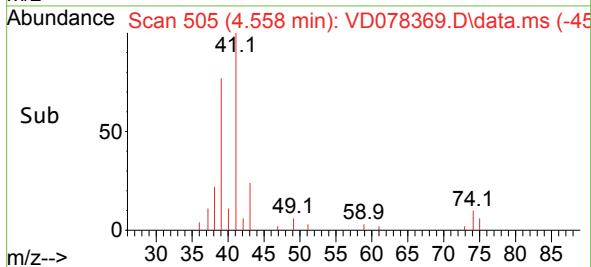
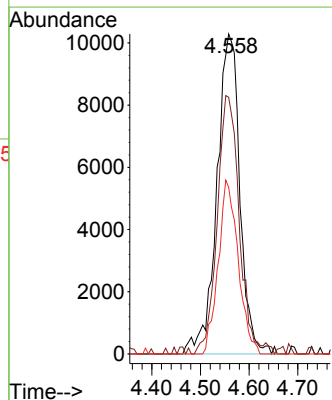
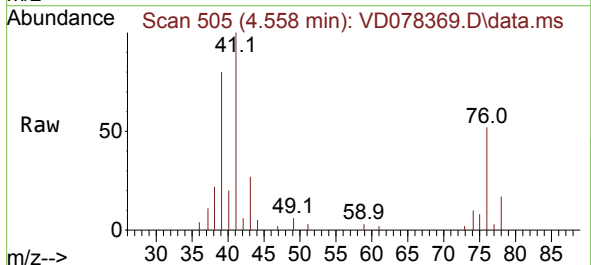
Tgt Ion: 41 Resp: 33844

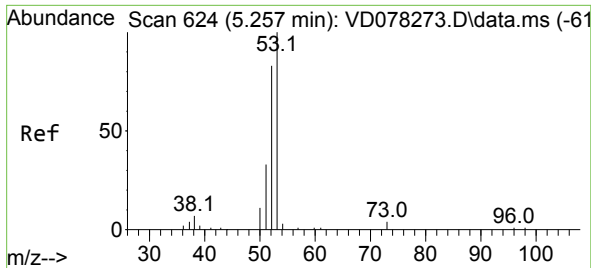
Ion Ratio Lower Upper

41 100

39 76.5 53.8 80.6

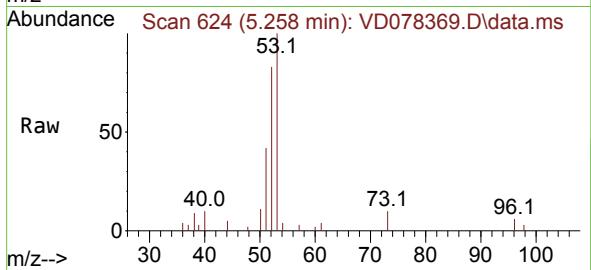
76 47.0 45.8 68.8



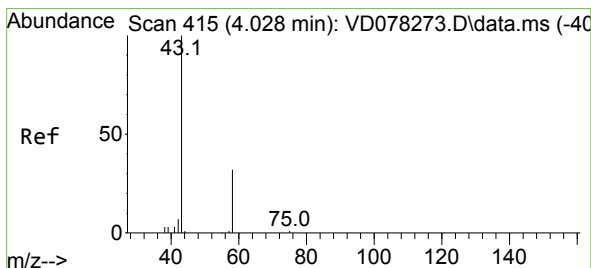
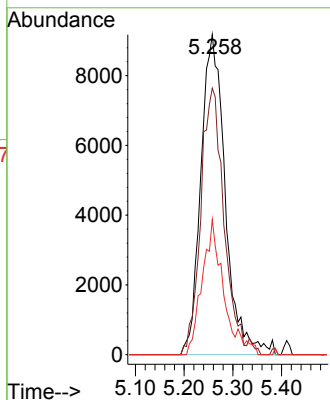
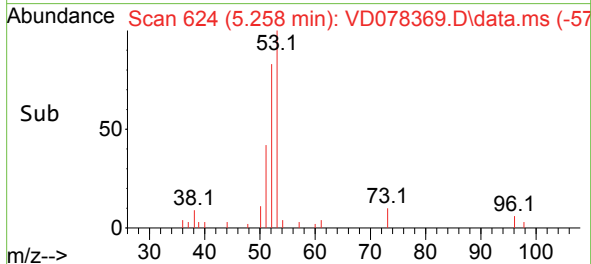


#15
Acrylonitrile
Concen: 95.428 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Instrument :
MSVOA_D
ClientSampleId :

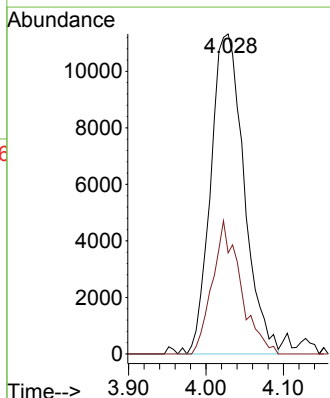
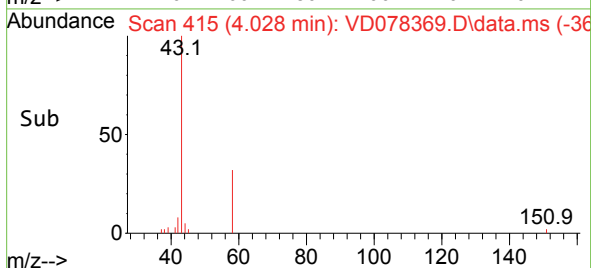
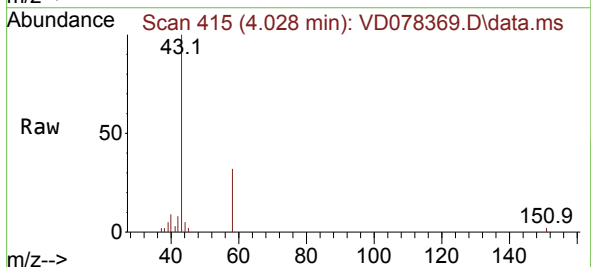


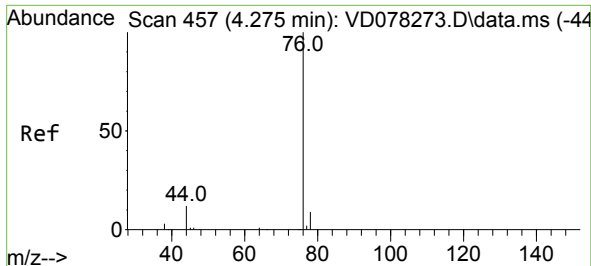
Tgt Ion	Ratio	Lower	Upper
53	100		
52	78.4	65.0	97.4
51	37.2	28.3	42.5



#16
Acetone
Concen: 96.562 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	34.7	52.1#





#17

Carbon Disulfide

Concen: 13.338 ug/l

RT: 4.264 min Scan# 4

Delta R.T. -0.012 min

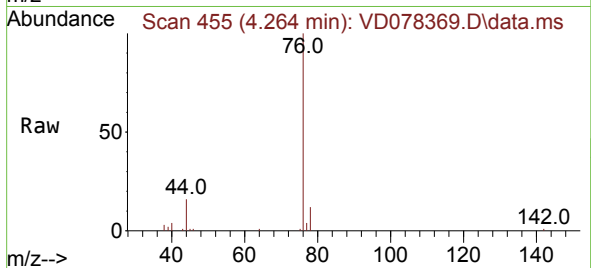
Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

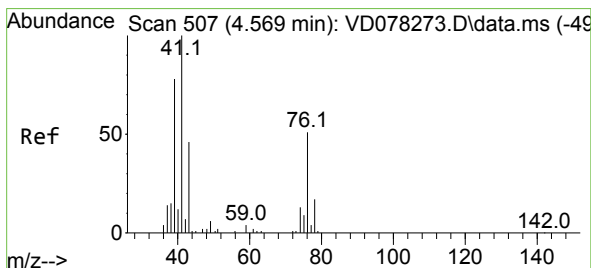
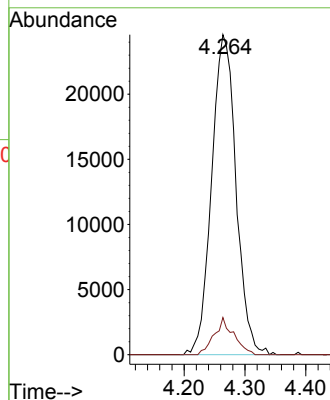


Tgt Ion: 76 Resp: 68402

Ion Ratio Lower Upper

76 100

78 11.6 6.8 10.2#



#18

Methyl Acetate

Concen: 16.211 ug/l

RT: 4.570 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078369.D

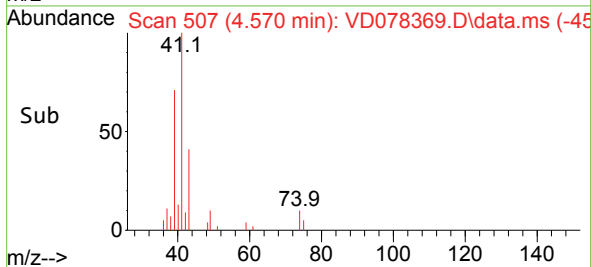
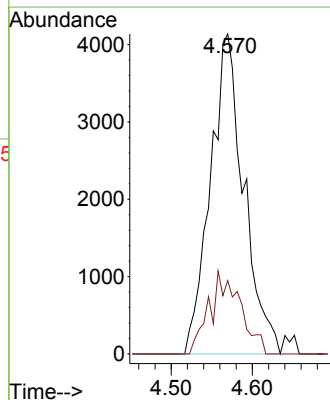
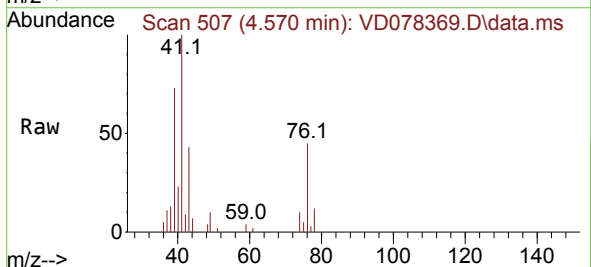
Acq: 08 Feb 2024 15:13

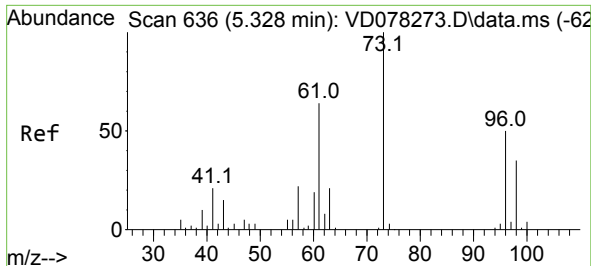
Tgt Ion: 43 Resp: 11811

Ion Ratio Lower Upper

43 100

74 24.0 26.4 39.6#

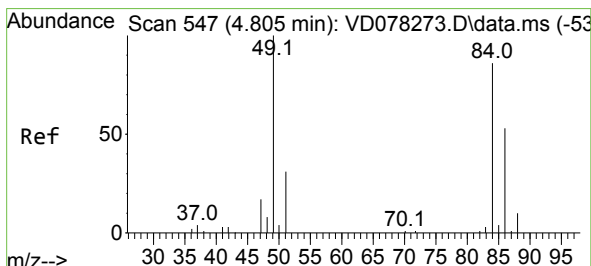
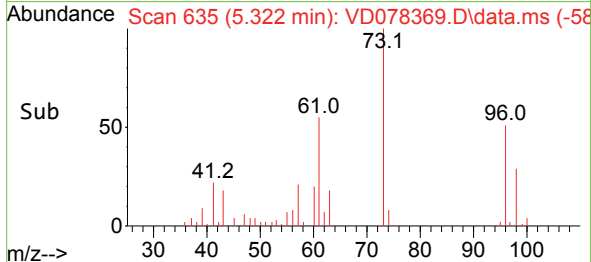
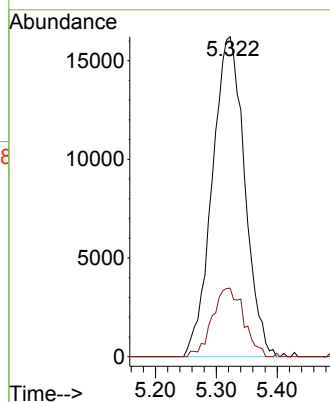
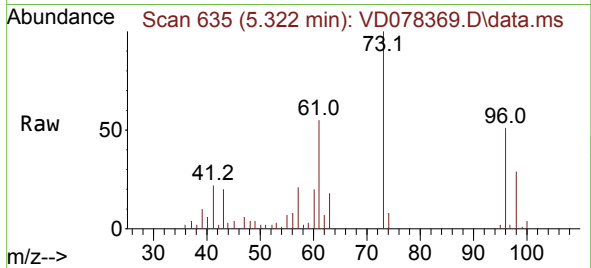




#19
Methyl tert-butyl Ether
Concen: 18.966 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

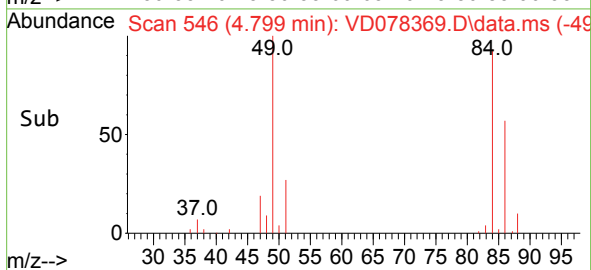
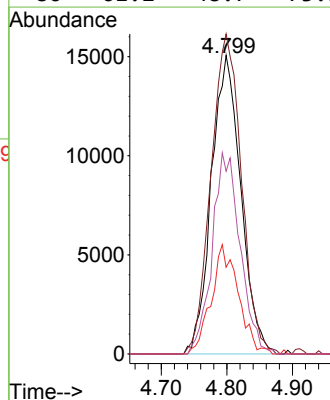
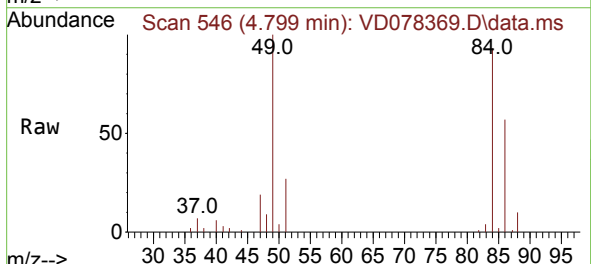
Instrument :
MSVOA_D
ClientSampleId :

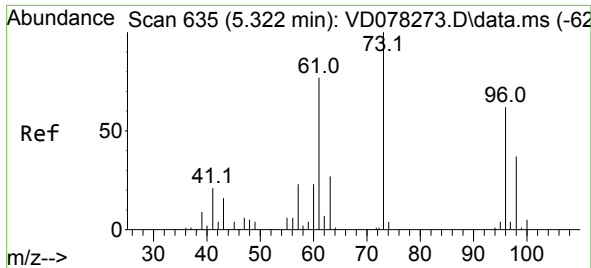
Tgt Ion: 73 Resp: 59920
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 27.072 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

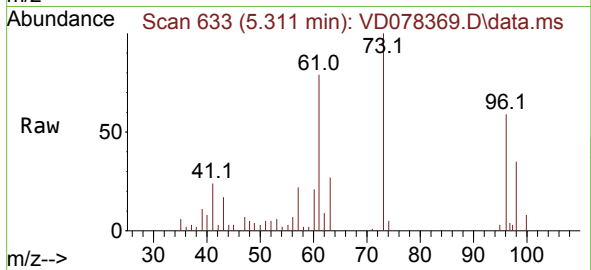
Tgt Ion: 84 Resp: 46987
Ion Ratio Lower Upper
84 100
49 107.2 71.4 107.2#
51 29.0 24.5 36.7
86 61.2 48.7 73.1



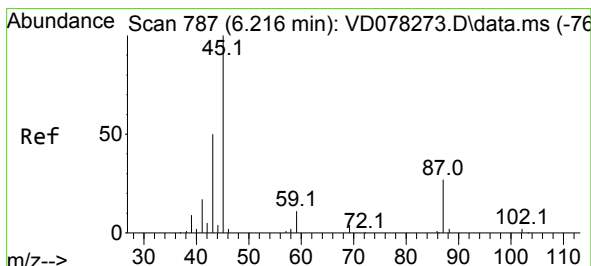
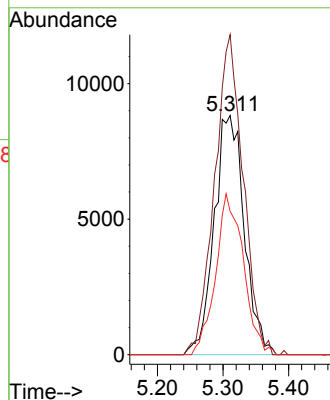
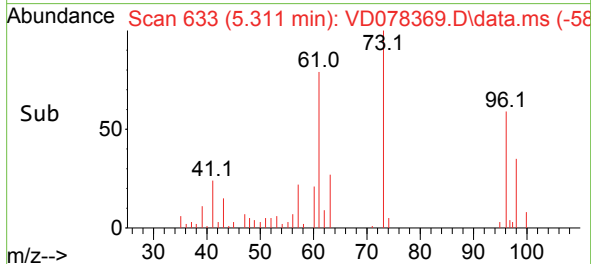


#21
trans-1,2-Dichloroethene
Concen: 16.363 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Instrument :
MSVOA_D
ClientSampleId :

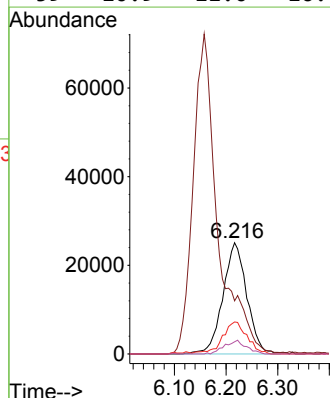
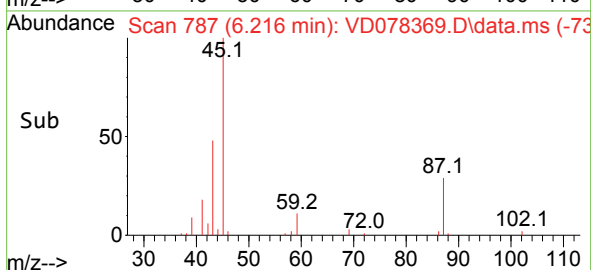
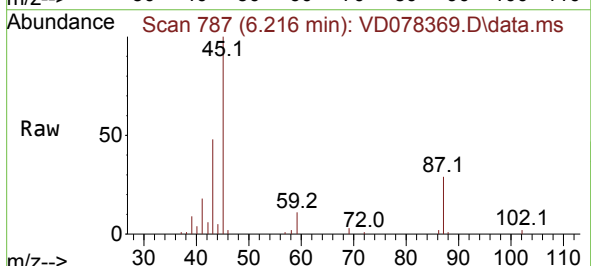


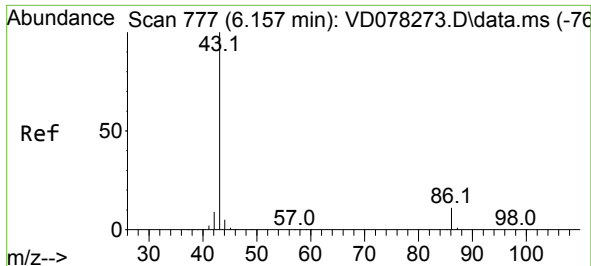
Tgt Ion: 96 Resp: 28106
Ion Ratio Lower Upper
96 100
61 133.8 89.3 133.9
98 59.9 48.6 73.0



#22
Diisopropyl ether
Concen: 18.933 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 45 Resp: 80687
Ion Ratio Lower Upper
45 100
43 46.5 40.0 60.0
87 28.8 28.2 42.4
59 10.9 11.0 16.4#

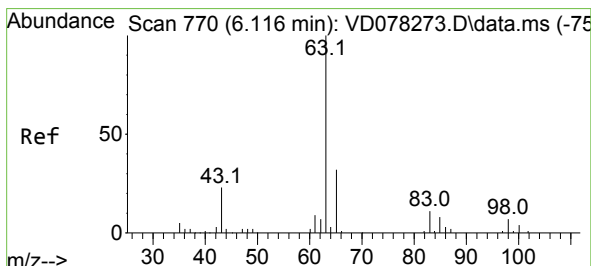
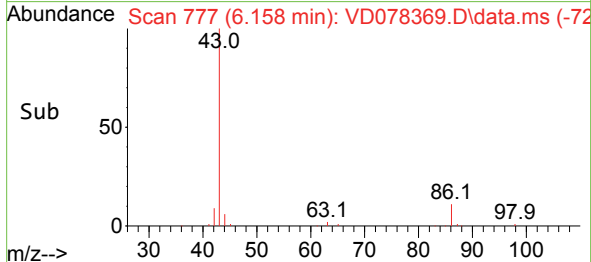
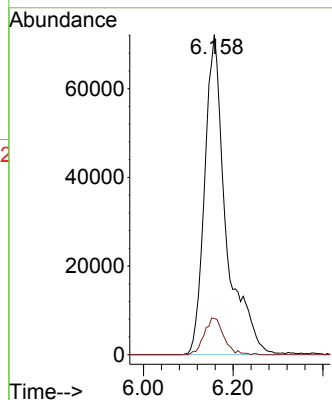
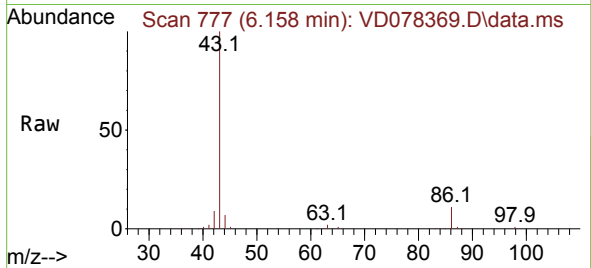




#23
 Vinyl Acetate
 Concen: 92.078 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078369.D
 Acq: 08 Feb 2024 15:13

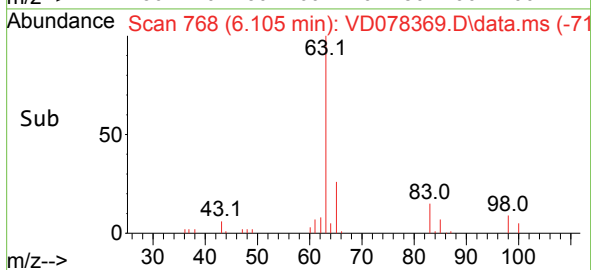
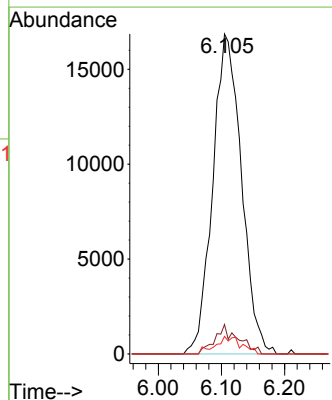
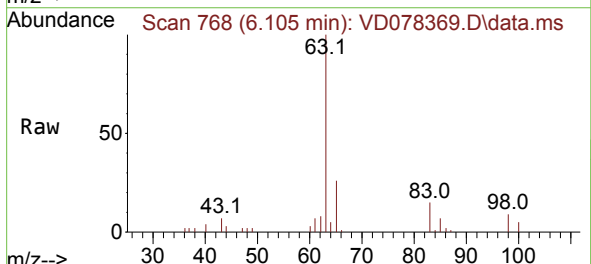
Instrument :
 MSVOA_D
 ClientSampleId :

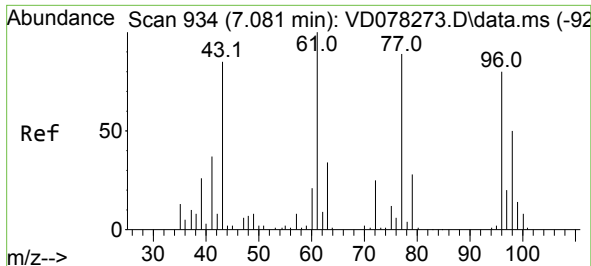
Tgt Ion: 43 Resp: 239414
 Ion Ratio Lower Upper
 43 100
 86 11.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 18.043 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078369.D
 Acq: 08 Feb 2024 15:13

Tgt Ion: 63 Resp: 53233
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.5 13.7
 100 5.5 2.5 7.5

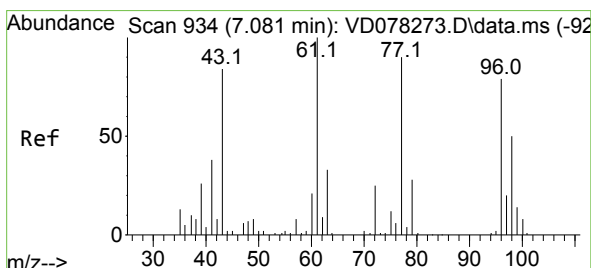
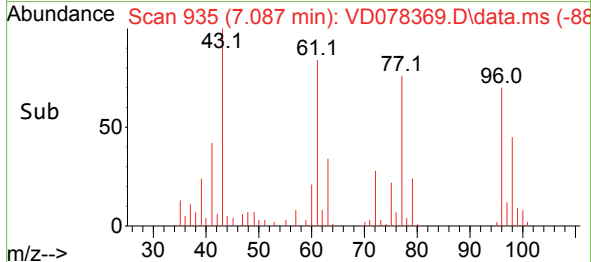
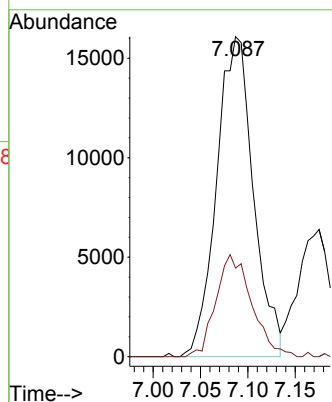
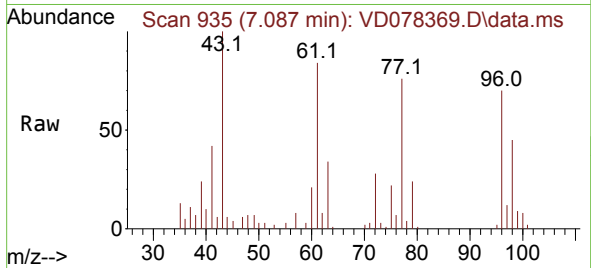




#25
2-Butanone
Concen: 95.523 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

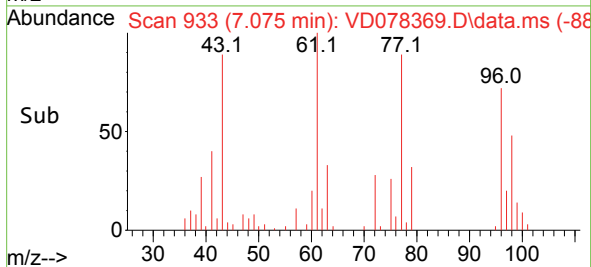
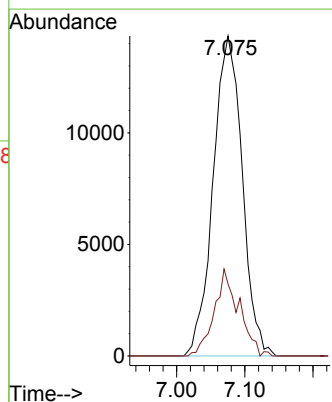
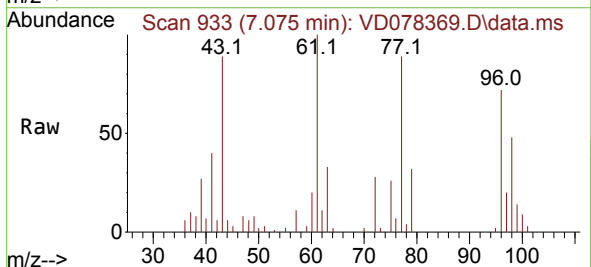
Instrument :
MSVOA_D
ClientSampleId :

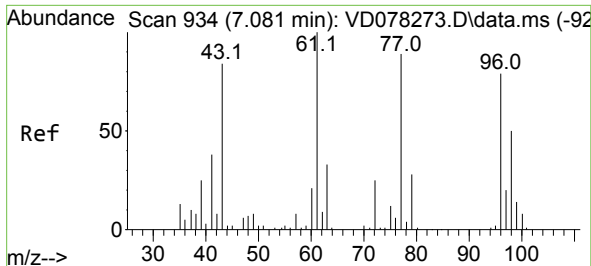
Tgt Ion: 43 Resp: 43511
Ion Ratio Lower Upper
43 100
72 27.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 17.674 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 77 Resp: 42594
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 17.351 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

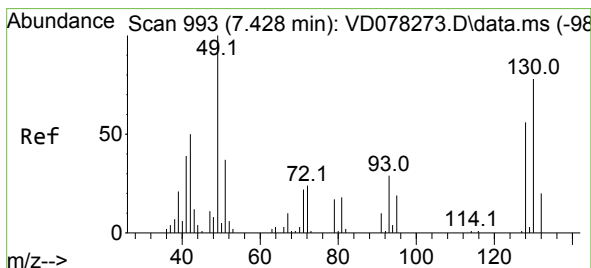
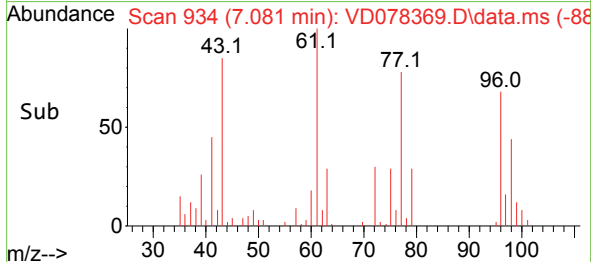
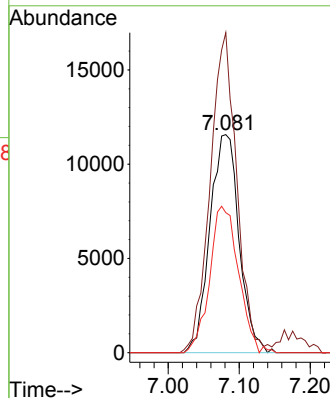
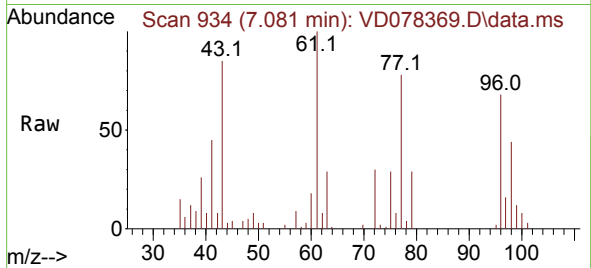
Tgt Ion: 96 Resp: 33030

Ion Ratio Lower Upper

96 100

61 133.7 0.0 239.2

98 66.4 0.0 128.6



#28

Bromochloromethane

Concen: 15.762 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

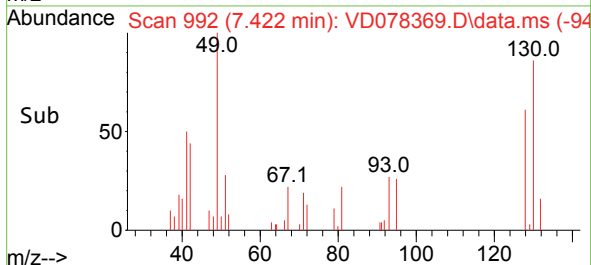
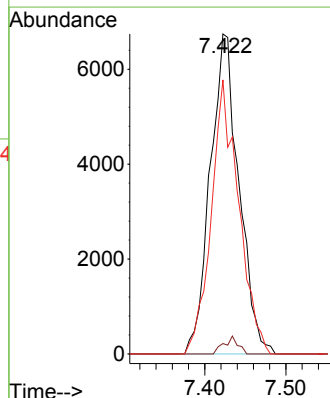
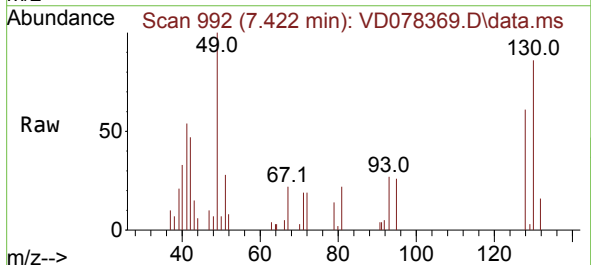
Tgt Ion: 49 Resp: 16586

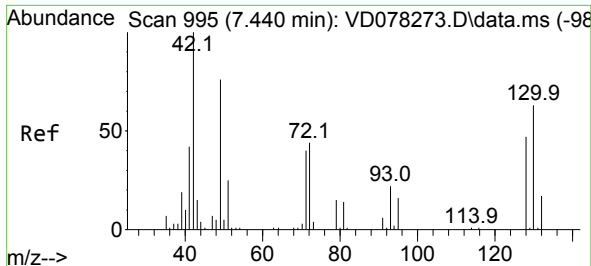
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.0

130 81.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 90.927 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

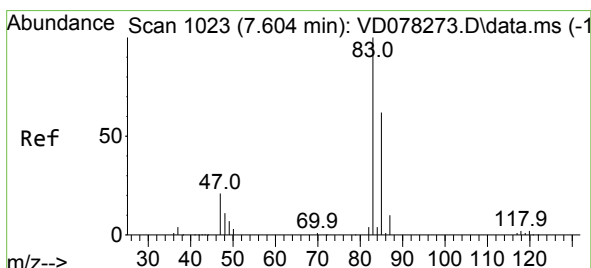
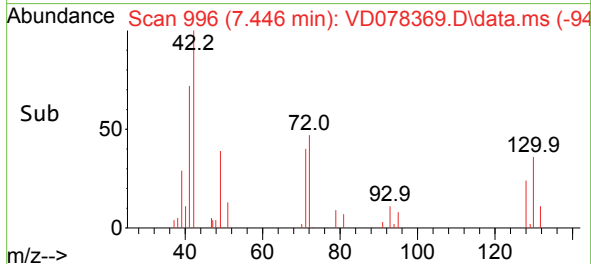
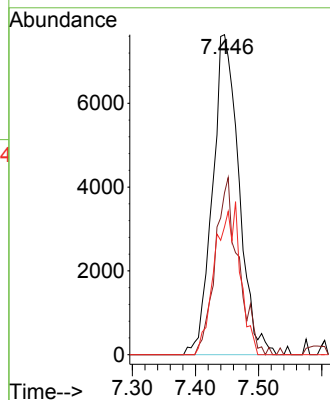
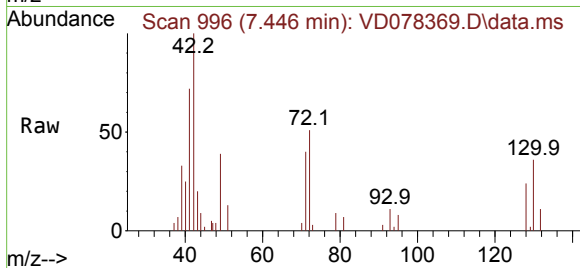
Tgt Ion: 42 Resp: 22157

Ion Ratio Lower Upper

42 100

72 48.9 46.5 69.7

71 45.1 44.5 66.7



#30

Chloroform

Concen: 18.123 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.012 min

Lab File: VD078369.D

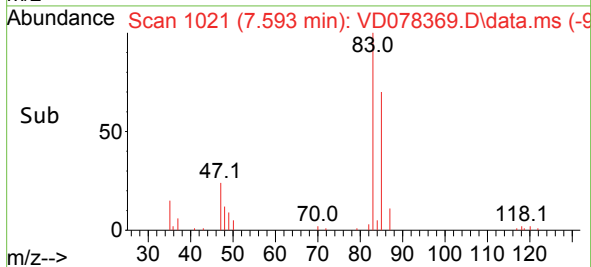
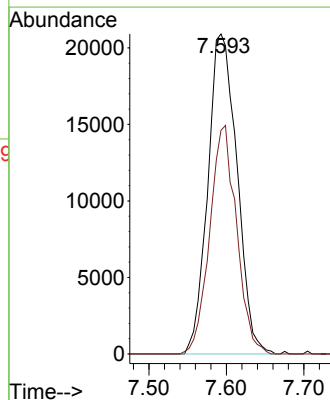
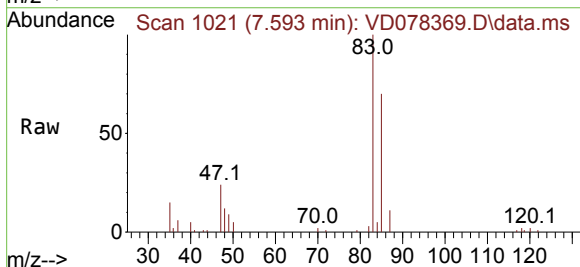
Acq: 08 Feb 2024 15:13

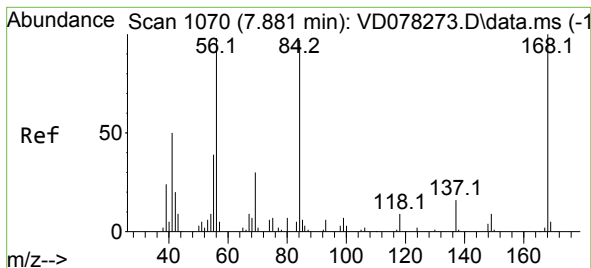
Tgt Ion: 83 Resp: 54671

Ion Ratio Lower Upper

83 100

85 69.9 53.4 80.2





#31

Cyclohexane

Concen: 16.157 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

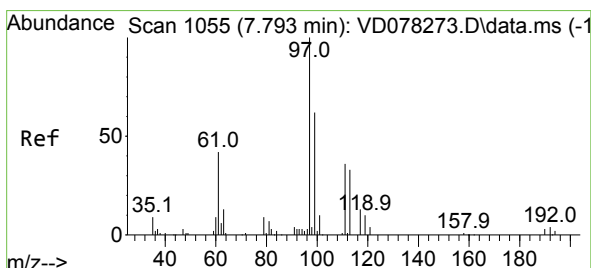
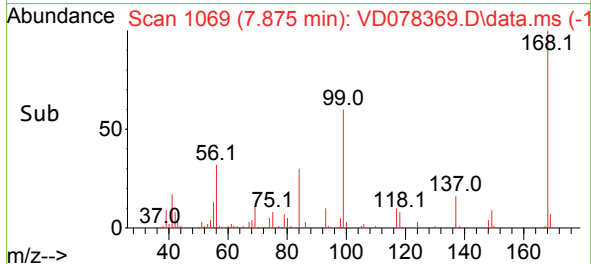
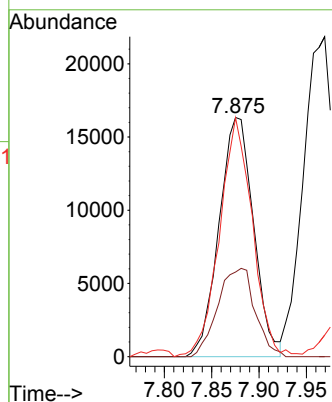
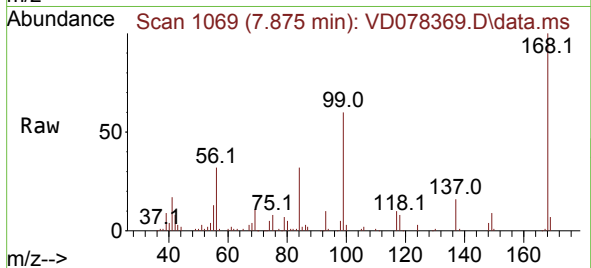
Tgt Ion: 56 Resp: 41365

Ion Ratio Lower Upper

56 100

69 35.4 28.6 43.0

84 98.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 18.204 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

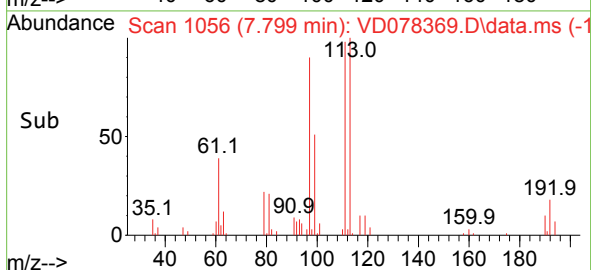
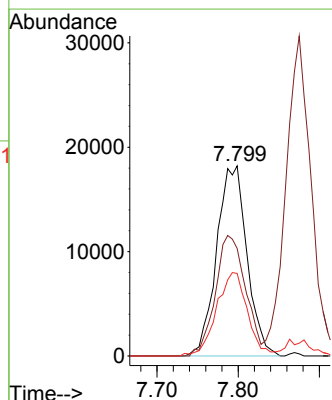
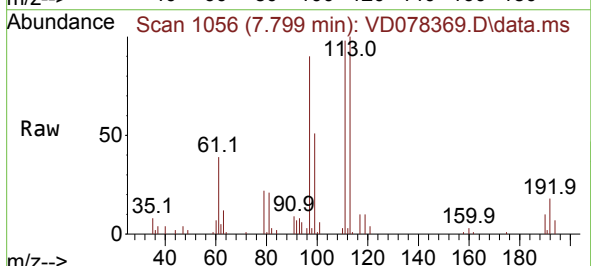
Tgt Ion: 97 Resp: 47326

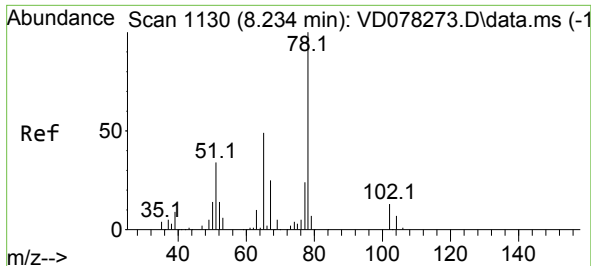
Ion Ratio Lower Upper

97 100

99 62.9 52.0 78.0

61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 37.842 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

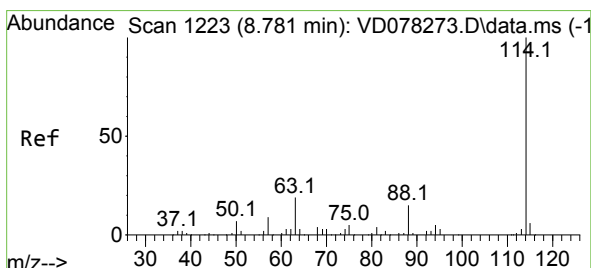
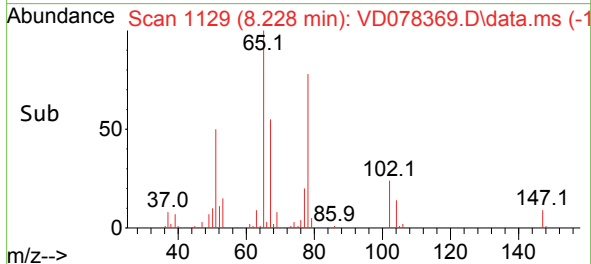
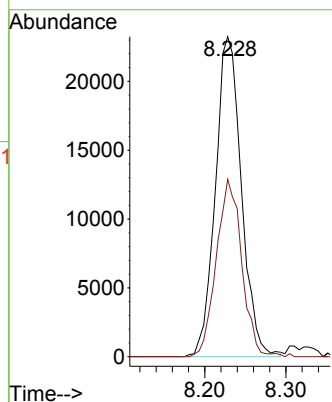
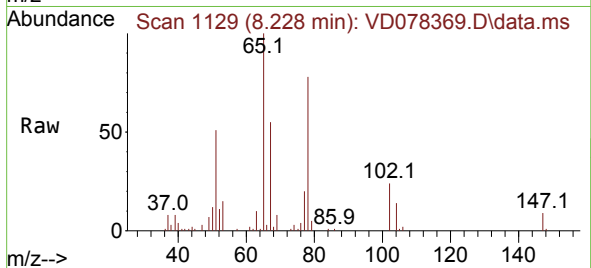
ClientSampleId :

Tgt Ion: 65 Resp: 51729

Ion Ratio Lower Upper

65 100

67 54.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

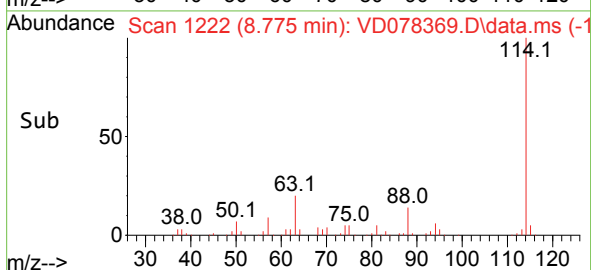
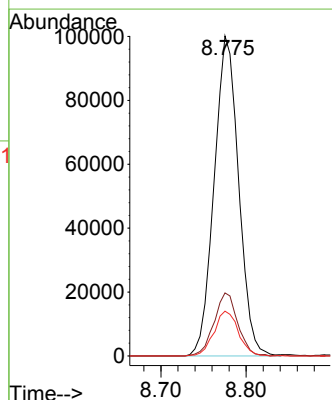
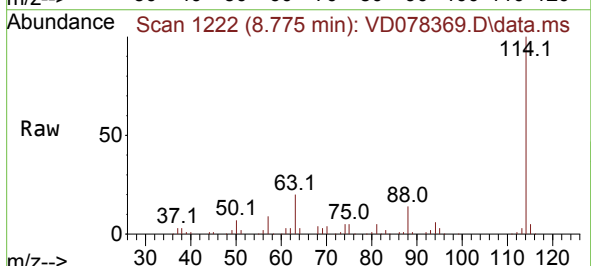
Tgt Ion: 114 Resp: 200066

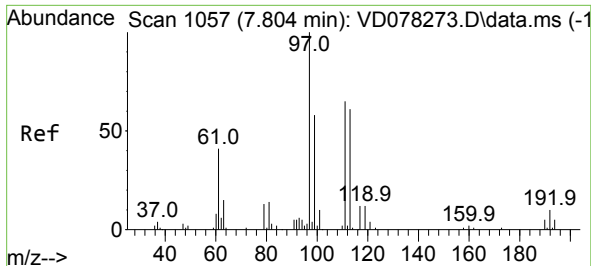
Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

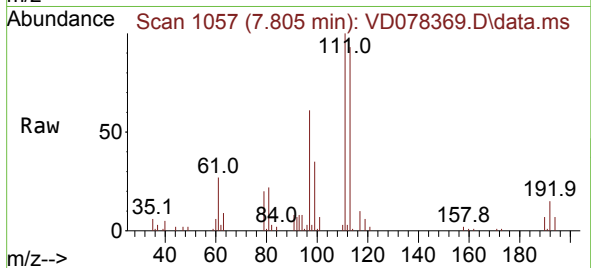
88 14.0 0.0 26.2



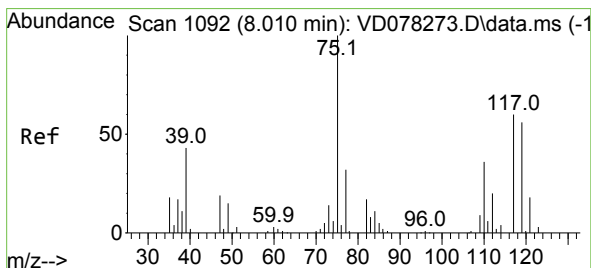
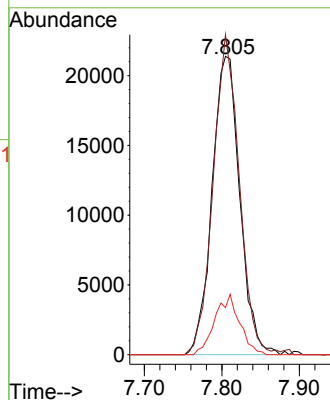
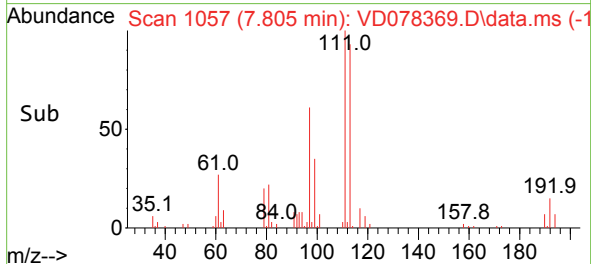


#35
Dibromofluoromethane
Concen: 37.362 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Instrument :
MSVOA_D
ClientSampleId :

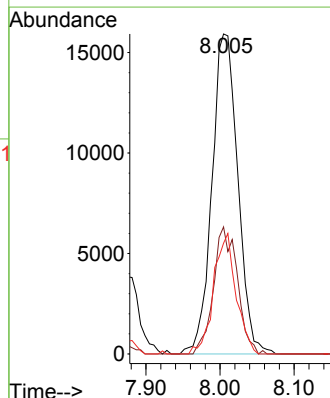
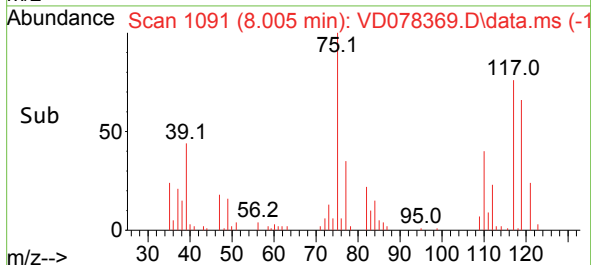
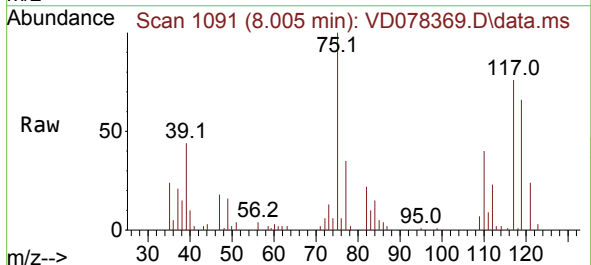


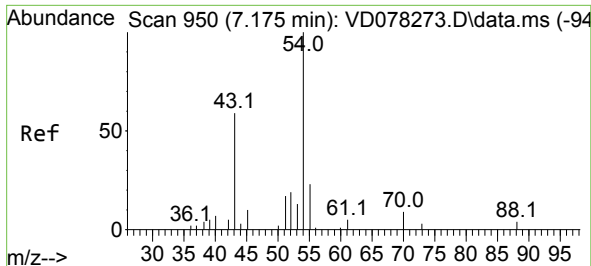
Tgt Ion:113 Resp: 53216
Ion Ratio Lower Upper
113 100
111 101.3 84.7 127.1
192 18.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 16.367 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 75 Resp: 38656
Ion Ratio Lower Upper
75 100
110 36.7 19.9 59.6
77 32.7 24.7 37.1





#37

Ethyl Acetate

Concen: 16.565 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

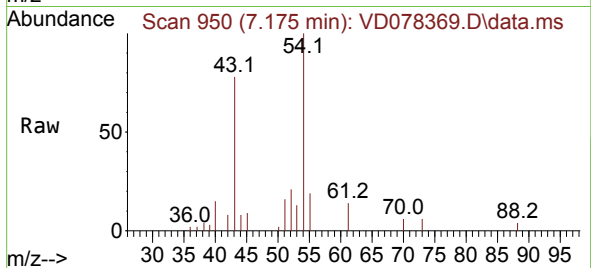
Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :



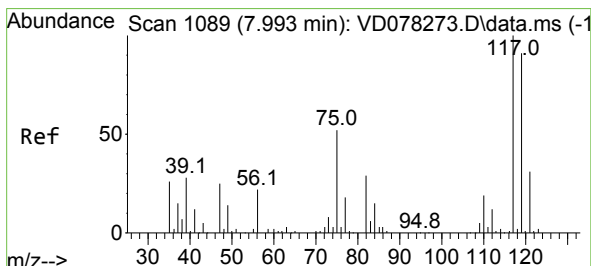
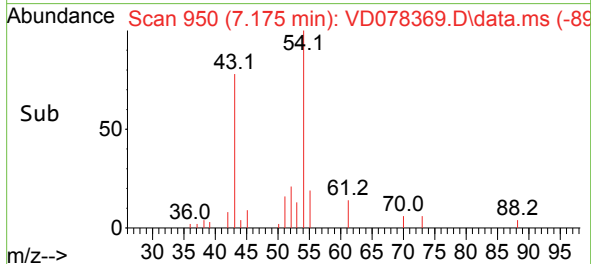
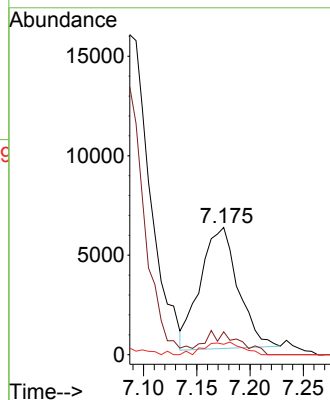
Tgt Ion: 43 Resp: 15058

Ion Ratio Lower Upper

43 100

61 17.3 14.9 22.3

70 10.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.058 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

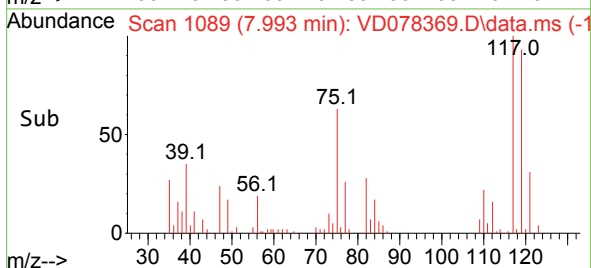
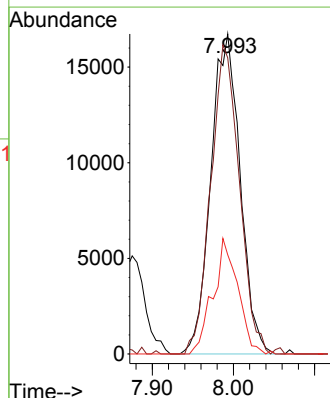
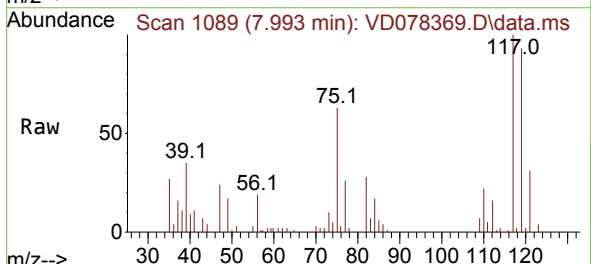
Tgt Ion: 117 Resp: 41937

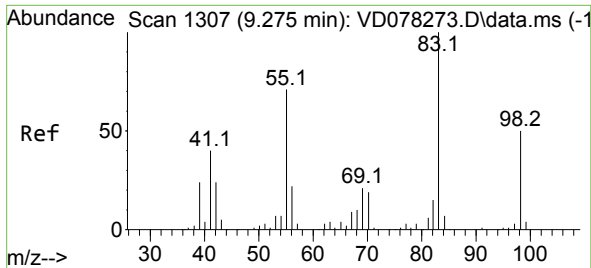
Ion Ratio Lower Upper

117 100

119 92.5 78.0 117.0

121 31.0 24.2 36.2

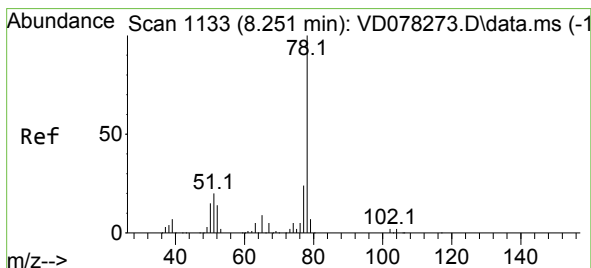
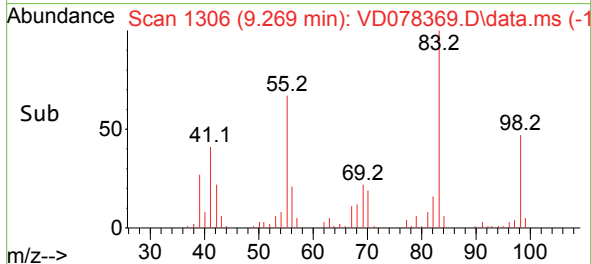
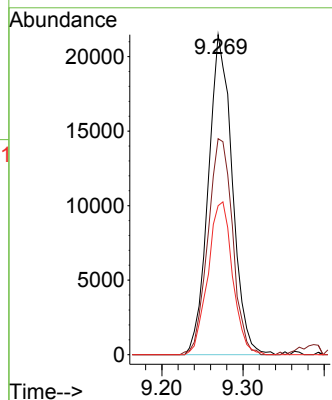
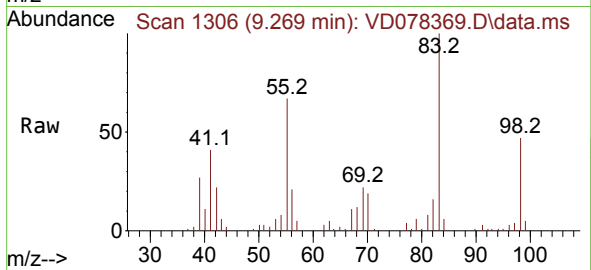




#39
Methylcyclohexane
Concen: 15.732 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

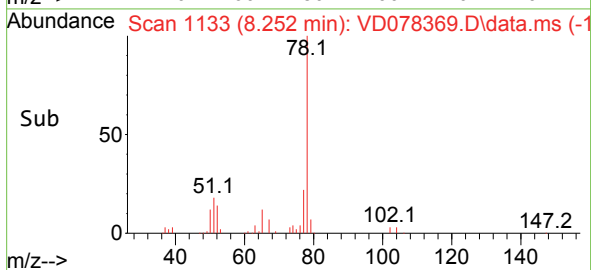
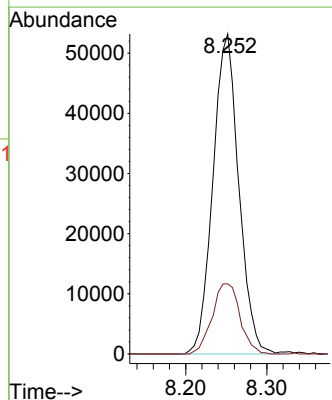
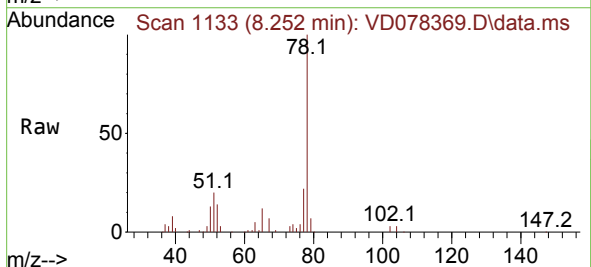
Instrument :
MSVOA_D
ClientSampleId :

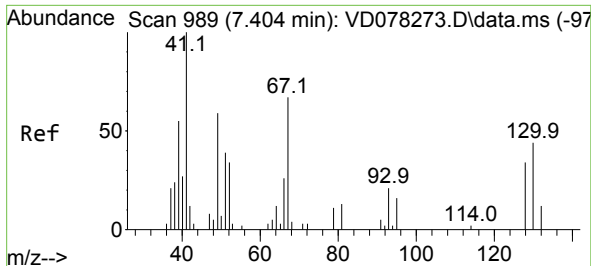
Tgt Ion: 83 Resp: 43931
Ion Ratio Lower Upper
83 100
55 67.5 49.4 74.0
98 46.5 38.4 57.6



#40
Benzene
Concen: 17.055 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

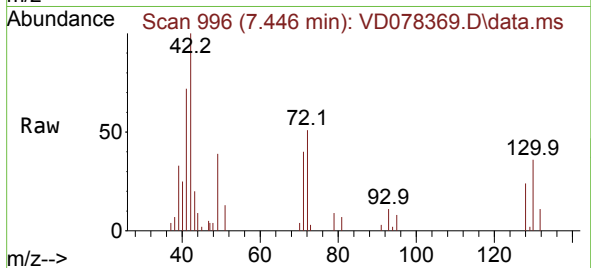
Tgt Ion: 78 Resp: 117534
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0



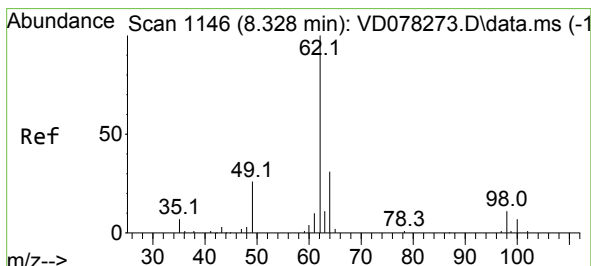
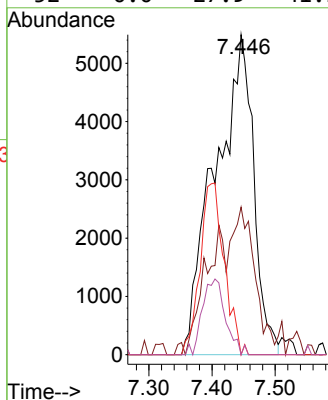
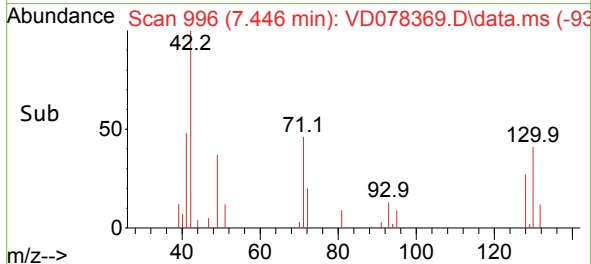


#41
Methacrylonitrile
Concen: 47.399 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.041 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Instrument :
MSVOA_D
ClientSampleId :

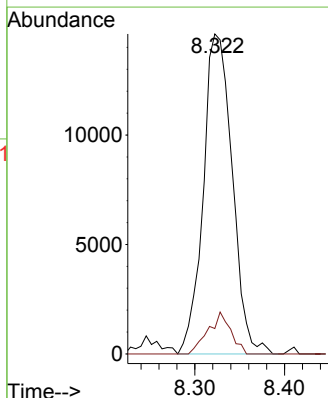
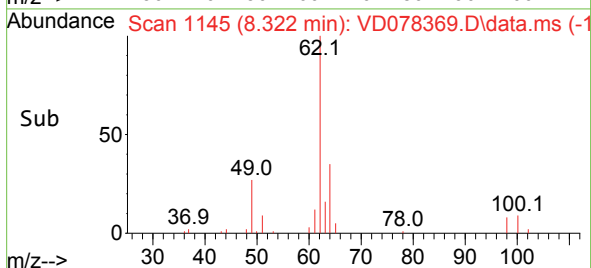
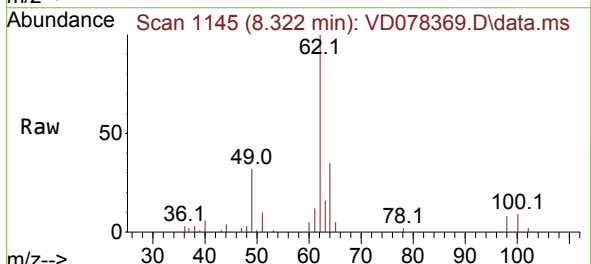


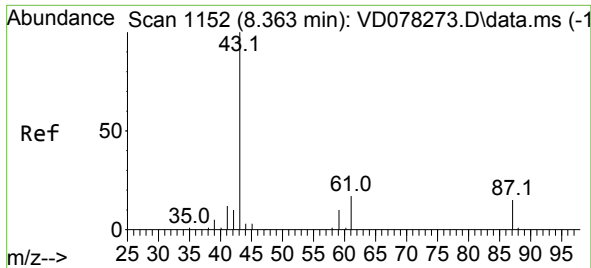
Tgt Ion: 41 Resp: 23165
Ion Ratio Lower Upper
41 100
39 28.5 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 18.361 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 62 Resp: 32818
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

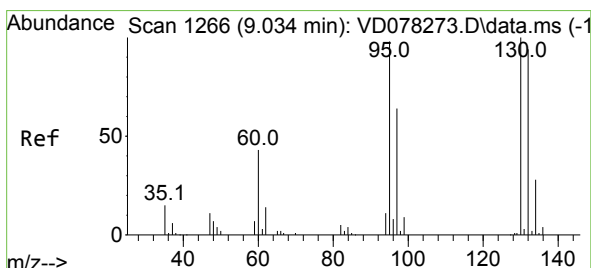
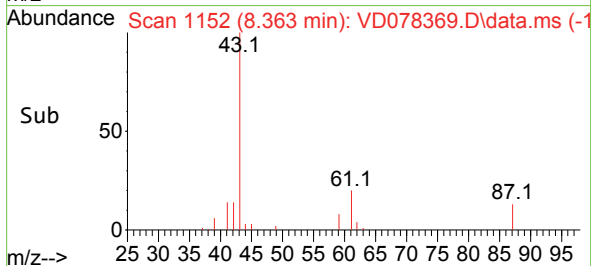
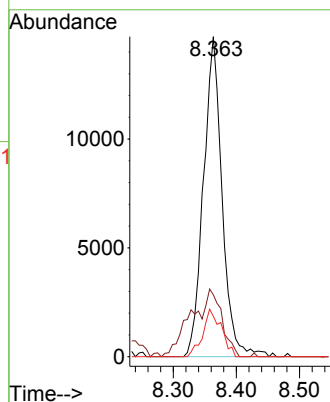
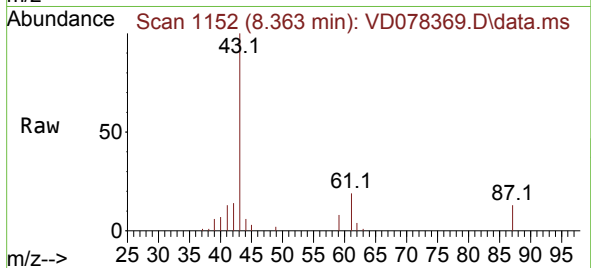




#43
Isopropyl Acetate
Concen: 18.520 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

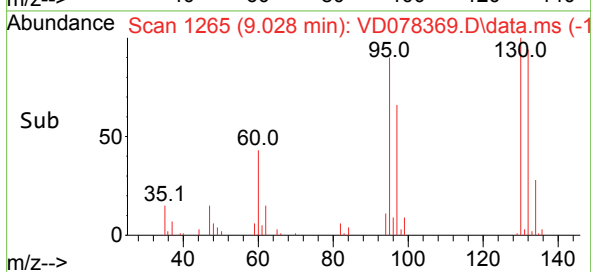
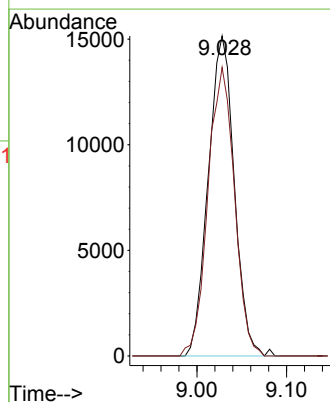
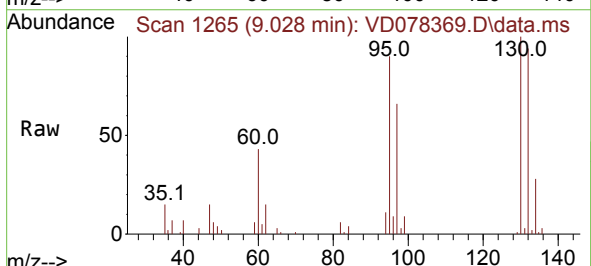
Instrument :
MSVOA_D
ClientSampleId :

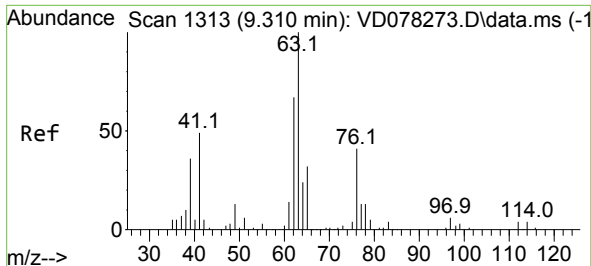
Tgt Ion: 43 Resp: 30185
Ion Ratio Lower Upper
43 100
61 18.4 31.4 47.0#
87 14.7 14.9 22.3#



#44
Trichloroethene
Concen: 18.056 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion:130 Resp: 30555
Ion Ratio Lower Upper
130 100
95 90.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 17.436 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

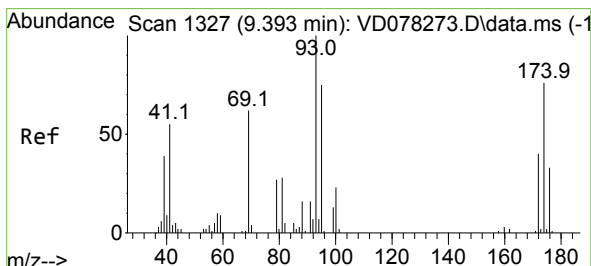
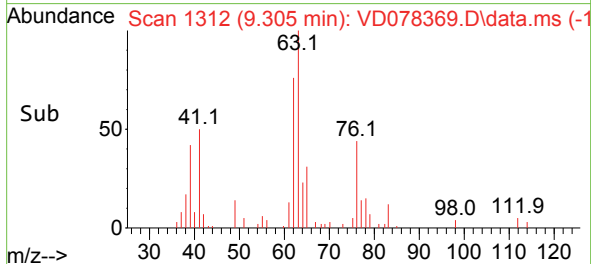
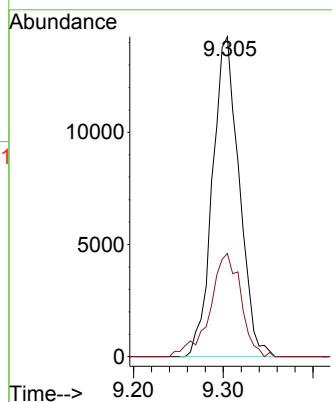
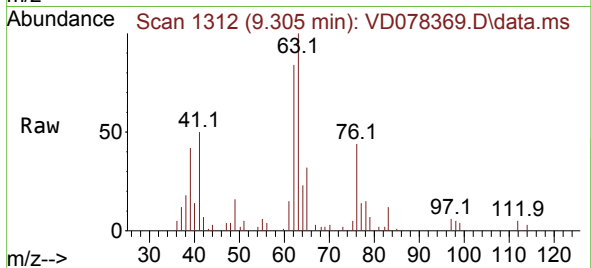
ClientSampleId :

Tgt Ion: 63 Resp: 29380

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7



#46

Dibromomethane

Concen: 18.694 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

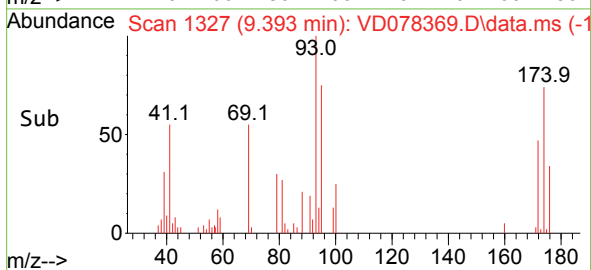
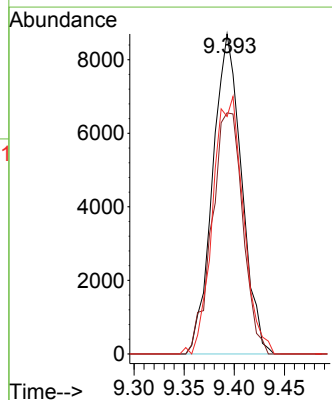
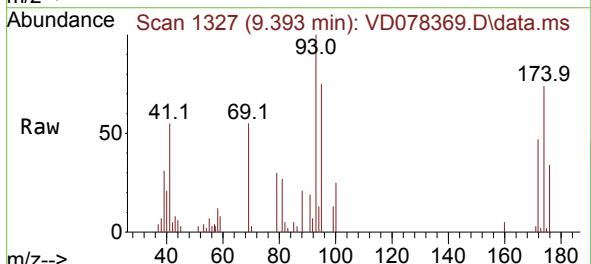
Tgt Ion: 93 Resp: 17477

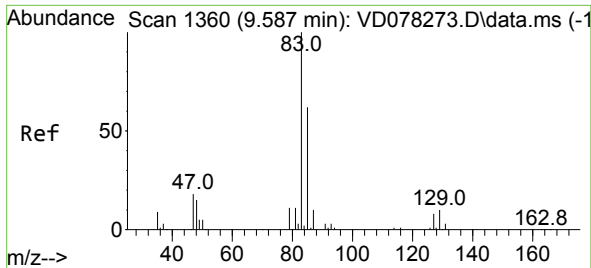
Ion Ratio Lower Upper

93 100

95 80.5 67.7 101.5

174 84.7 85.4 128.2#

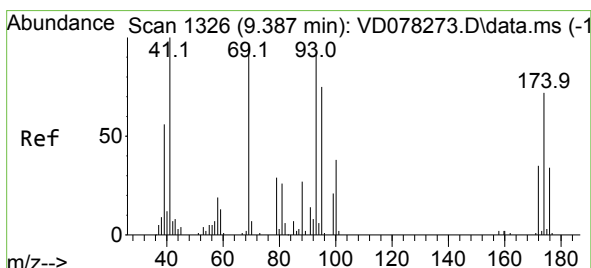
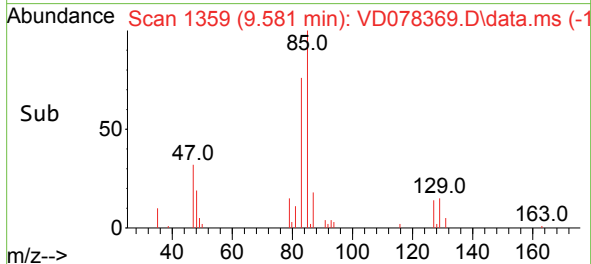
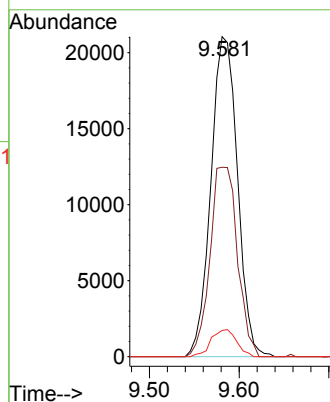
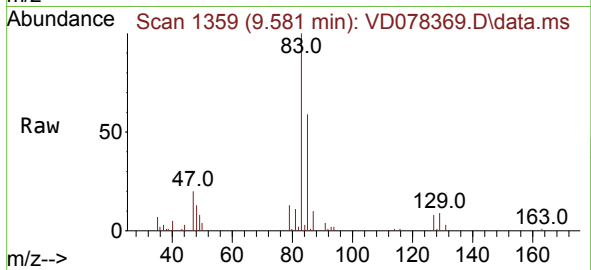




#47
Bromodichloromethane
Concen: 18.826 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

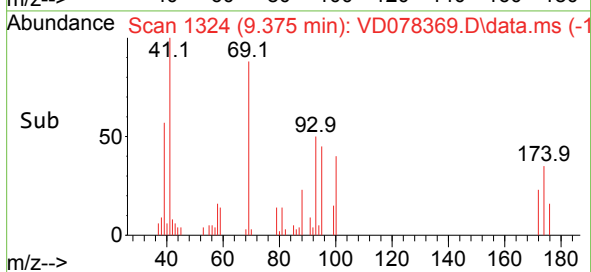
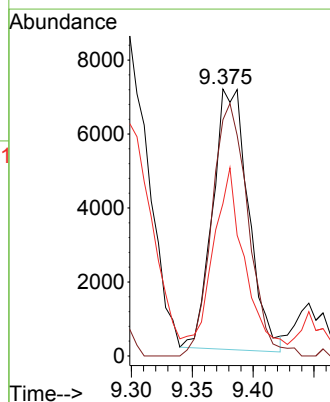
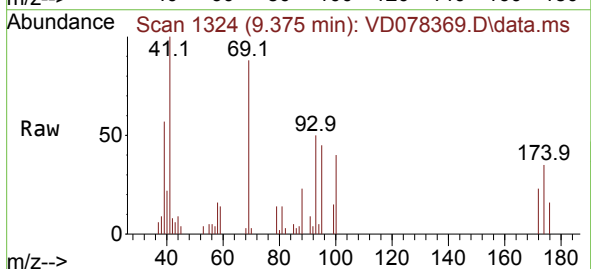
Instrument :
MSVOA_D
ClientSampleId :

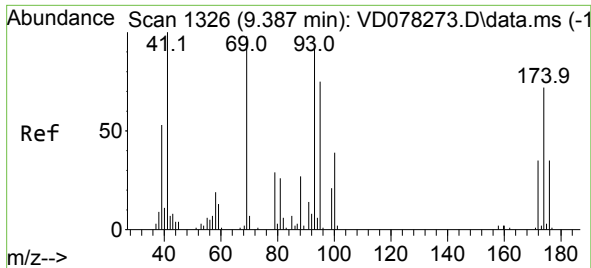
Tgt Ion: 83 Resp: 43303
Ion Ratio Lower Upper
83 100
85 59.2 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 18.527 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.012 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

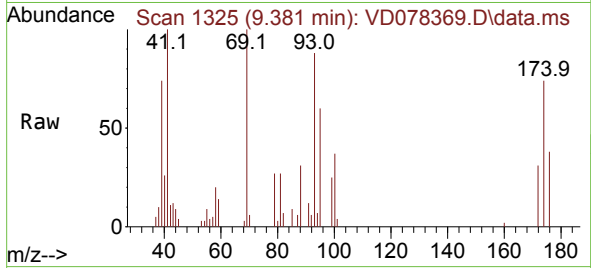
Tgt Ion: 41 Resp: 14430
Ion Ratio Lower Upper
41 100
69 98.4 102.2 153.2#
39 55.0 41.4 62.2



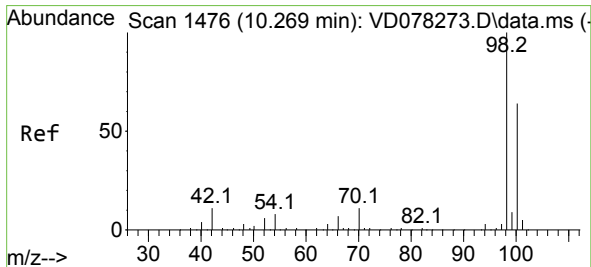
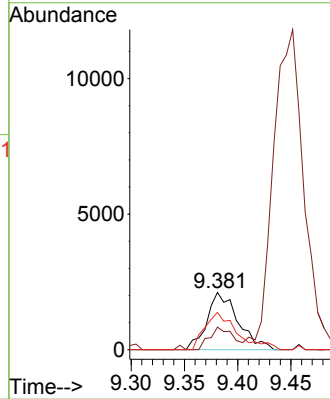
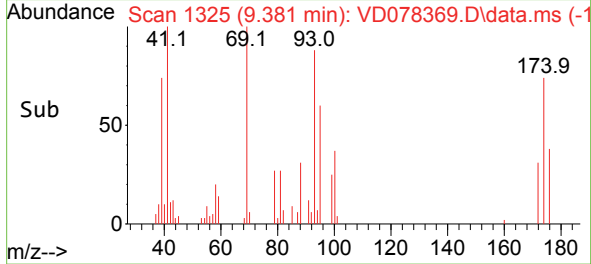


#49
1,4-Dioxane
Concen: 408.403 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Instrument :
MSVOA_D
ClientSampleId :

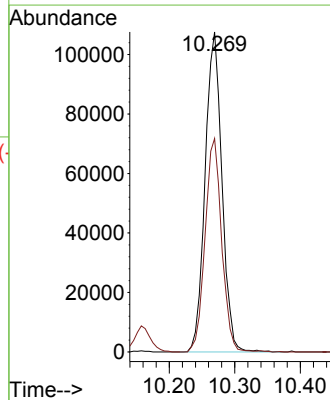
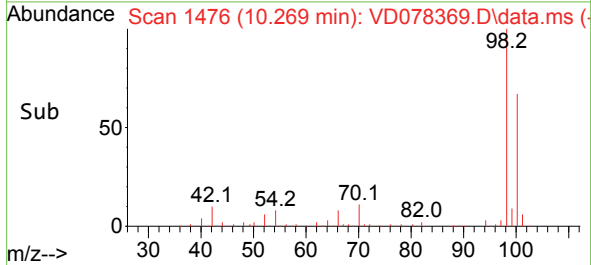
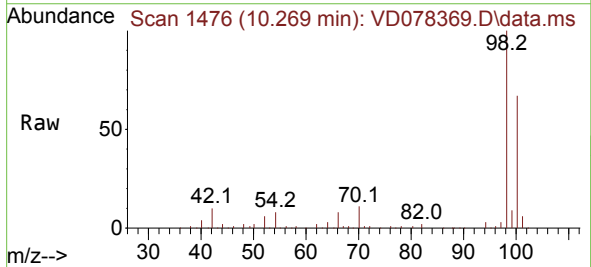


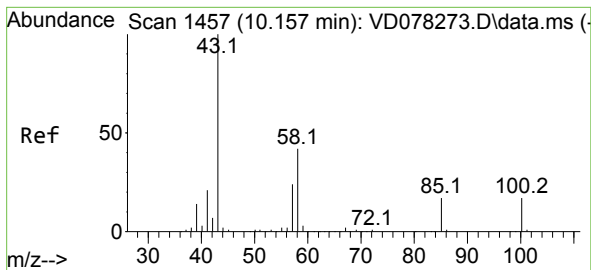
Tgt Ion: 88 Resp: 4283
Ion Ratio Lower Upper
88 100
43 29.9 19.0 28.6#
58 67.7 43.5 65.3#



#50
Toluene-d8
Concen: 35.572 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 98 Resp: 191823
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5

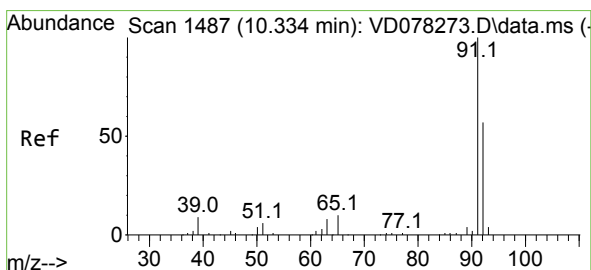
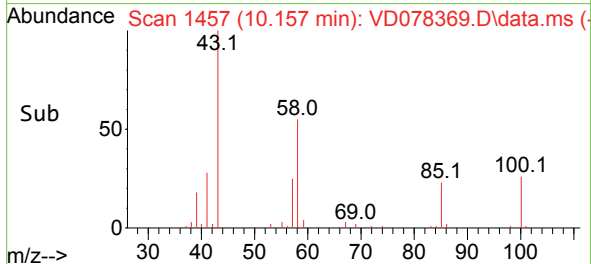
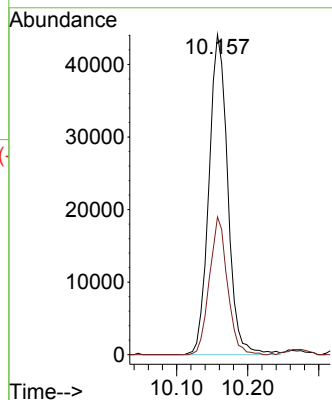
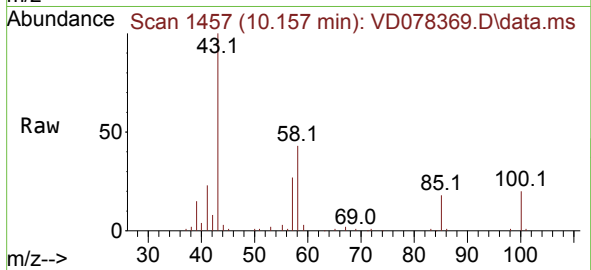




#51
4-Methyl-2-Pentanone
Concen: 92.221 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

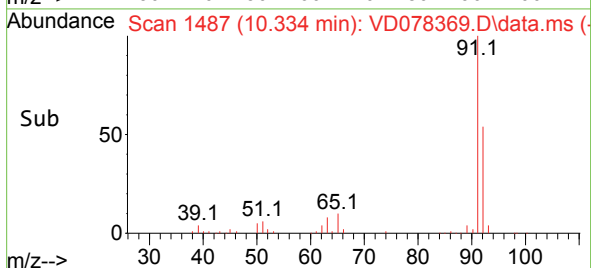
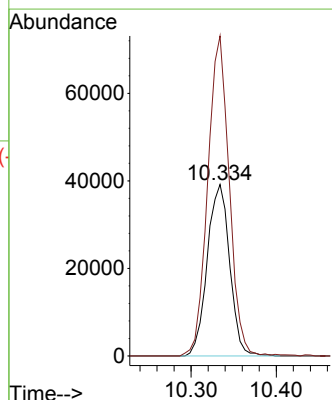
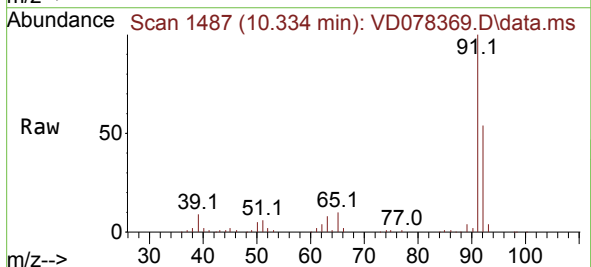
Instrument :
MSVOA_D
ClientSampleId :

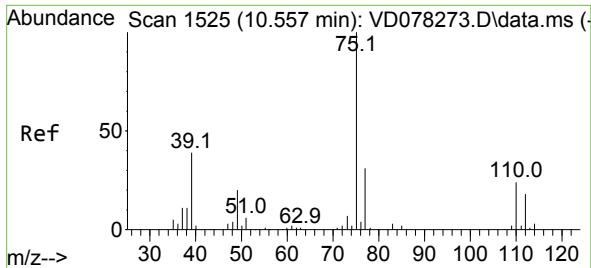
Tgt Ion: 43 Resp: 81313
Ion Ratio Lower Upper
43 100
58 41.1 38.9 58.3



#52
Toluene
Concen: 17.114 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 92 Resp: 71537
Ion Ratio Lower Upper
92 100
91 179.2 143.0 214.4

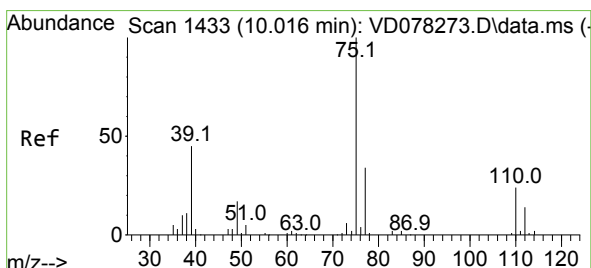
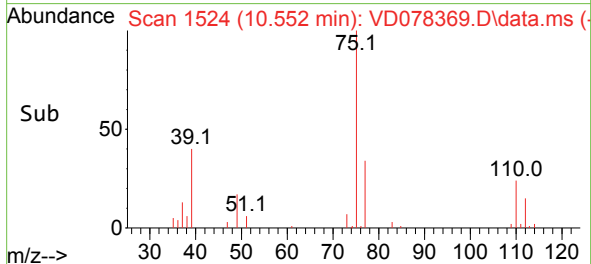
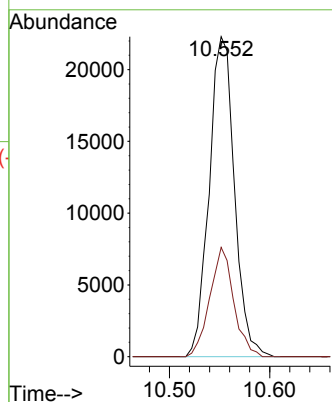
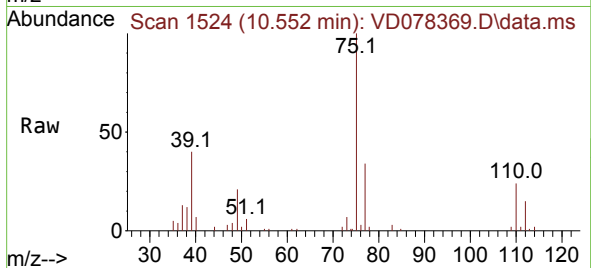




#53
 t-1,3-Dichloropropene
 Concen: 18.129 ug/l
 RT: 10.552 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD078369.D
 Acq: 08 Feb 2024 15:13

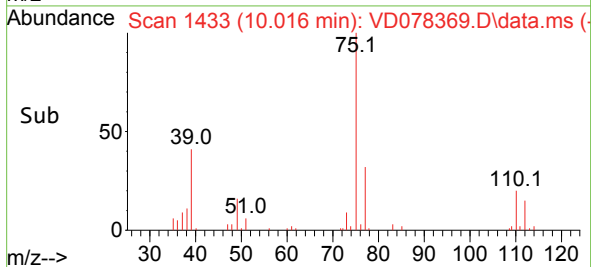
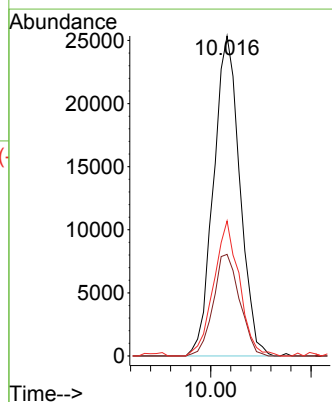
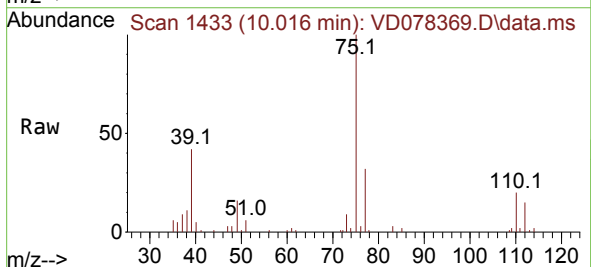
Instrument :
 MSVOA_D
 ClientSampleId :

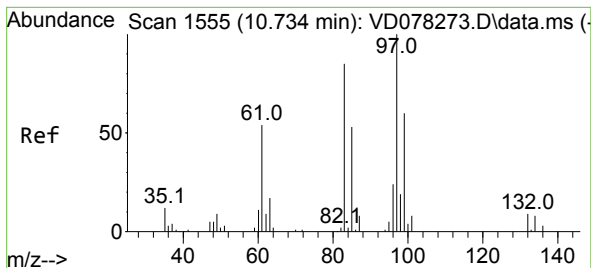
Tgt Ion: 75 Resp: 38949
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.091 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078369.D
 Acq: 08 Feb 2024 15:13

Tgt Ion: 75 Resp: 46014
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 42.2 22.1 33.1#

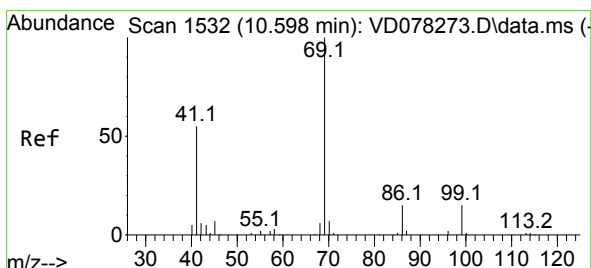
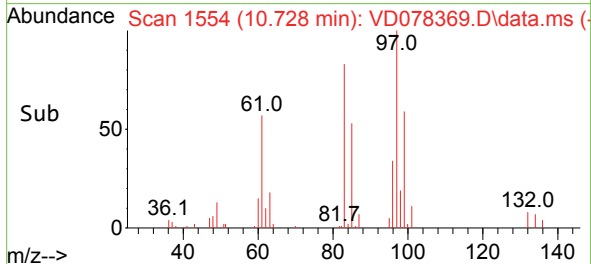
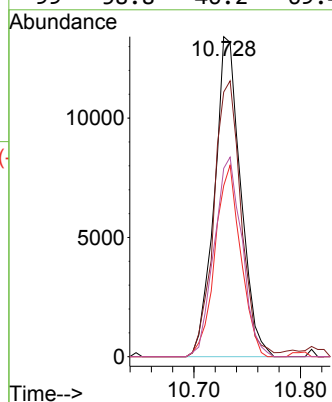
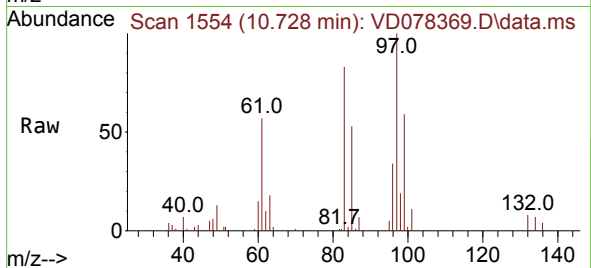




#55
1,1,2-Trichloroethane
Concen: 18.814 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

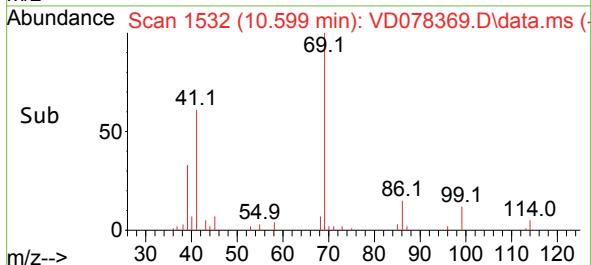
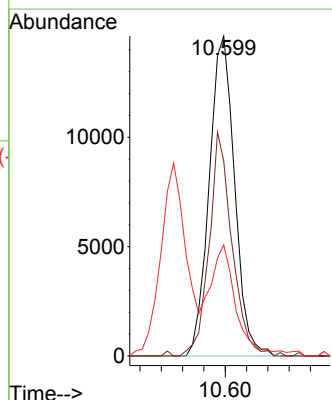
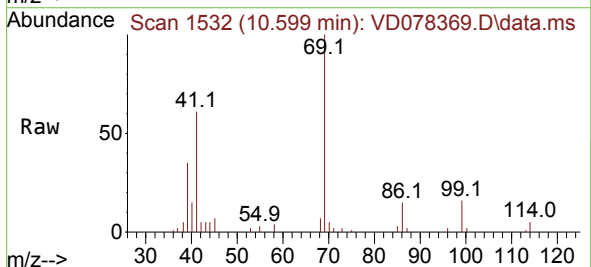
Instrument :
MSVOA_D
ClientSampleId :

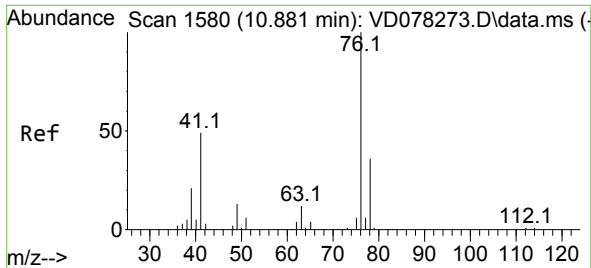
Tgt Ion:	97	Resp:	22953
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.8	98.6
85	53.4	45.7	68.5
99	58.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 17.502 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion:	69	Resp:	24219
Ion	Ratio	Lower	Upper
69	100		
41	63.1	39.1	58.7#
39	36.7	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 18.384 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

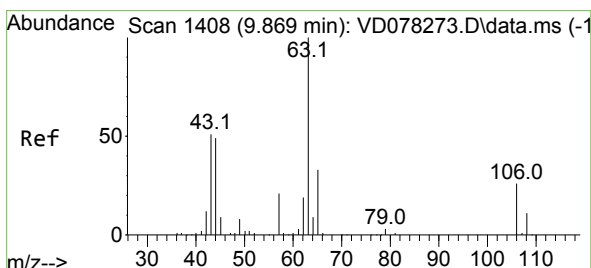
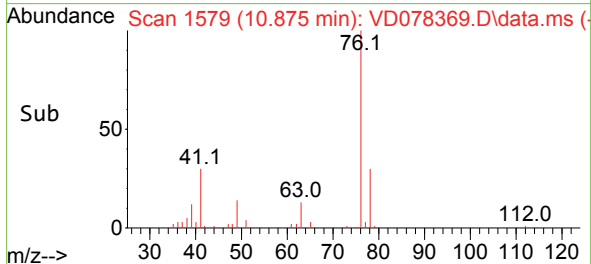
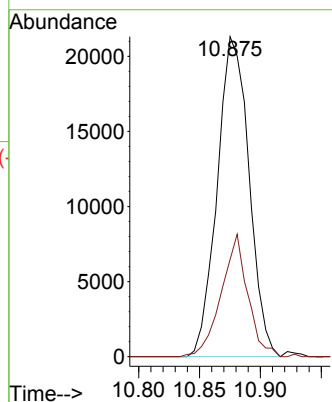
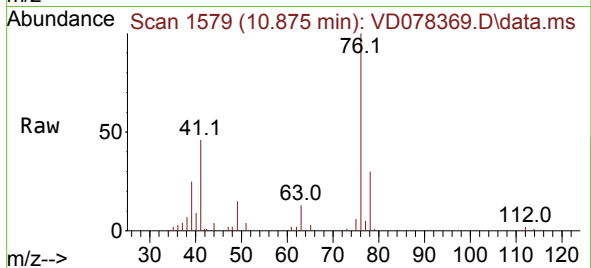
ClientSampleId :

Tgt Ion: 76 Resp: 38673

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 79.594 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078369.D

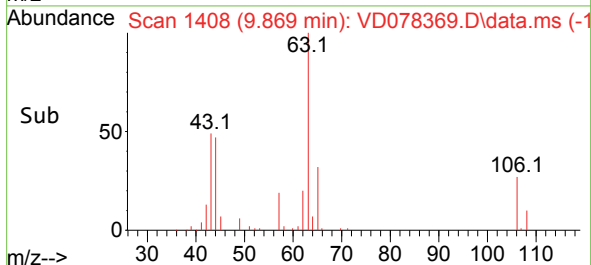
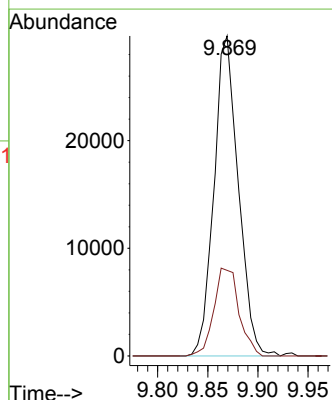
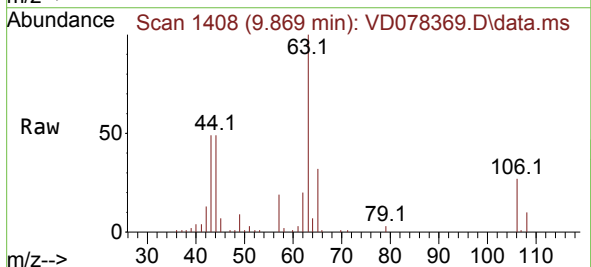
Acq: 08 Feb 2024 15:13

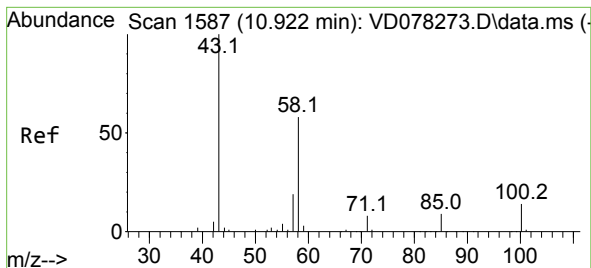
Tgt Ion: 63 Resp: 50087

Ion Ratio Lower Upper

63 100

106 28.4 25.3 37.9





#59

2-Hexanone

Concen: 98.304 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

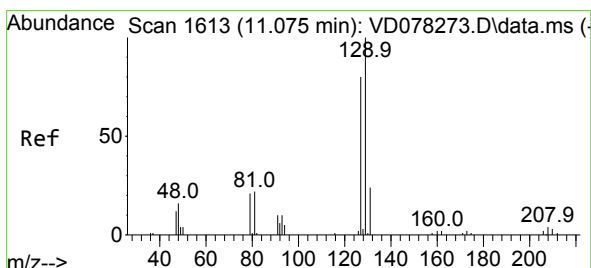
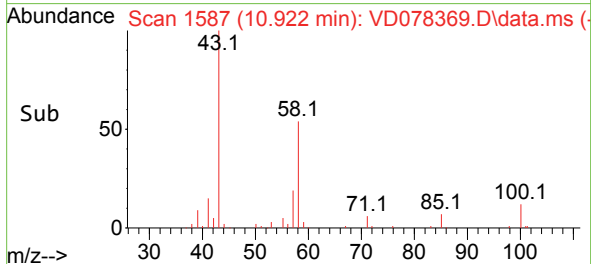
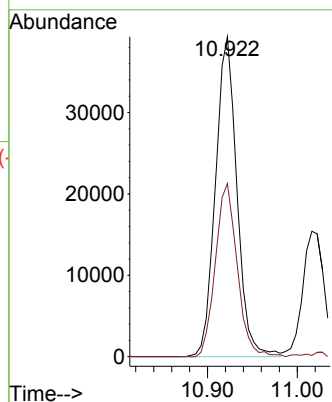
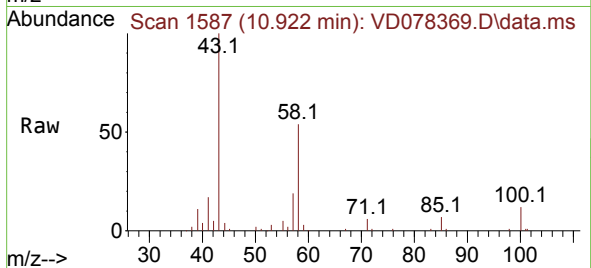
ClientSampleId :

Tgt Ion: 43 Resp: 65279

Ion Ratio Lower Upper

43 100

58 55.0 34.1 102.2



#60

Dibromochloromethane

Concen: 19.937 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078369.D

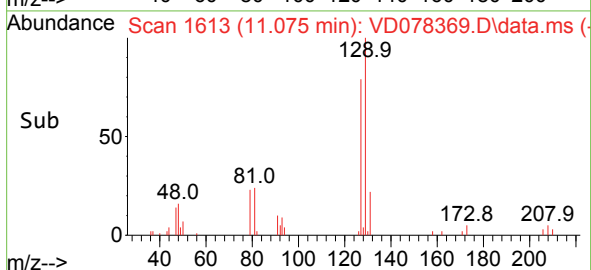
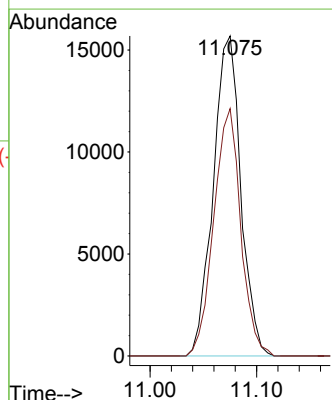
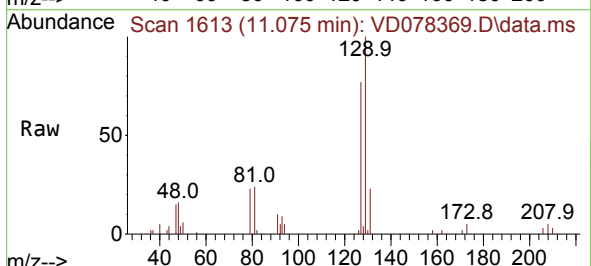
Acq: 08 Feb 2024 15:13

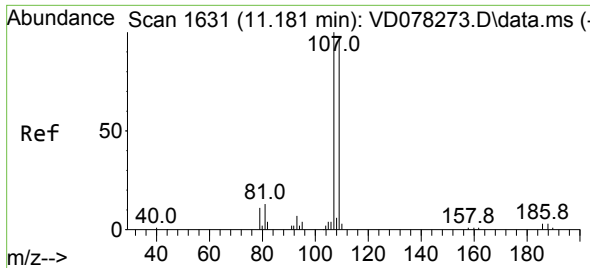
Tgt Ion: 129 Resp: 28235

Ion Ratio Lower Upper

129 100

127 75.4 37.1 111.5

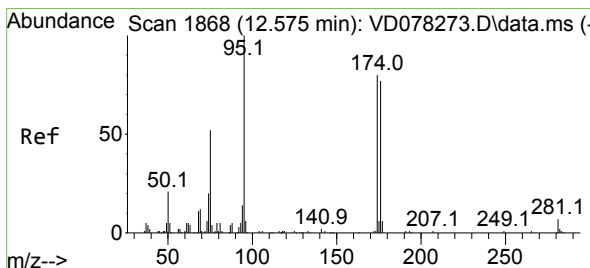
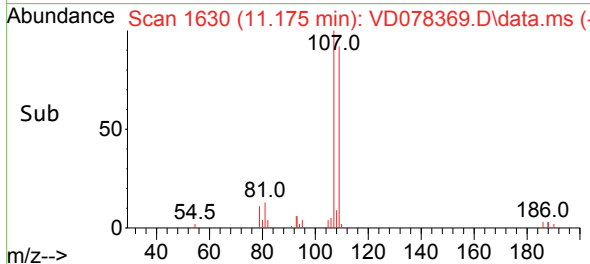
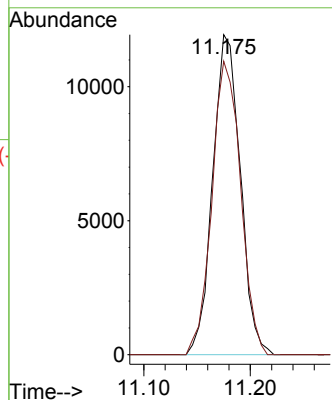
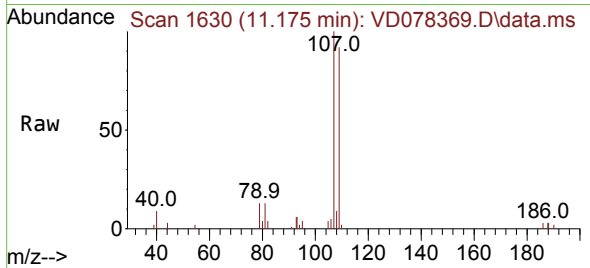




#61
1,2-Dibromoethane
Concen: 18.635 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

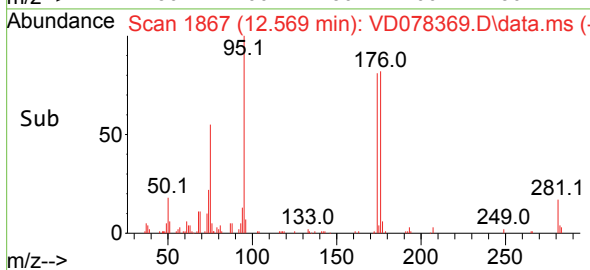
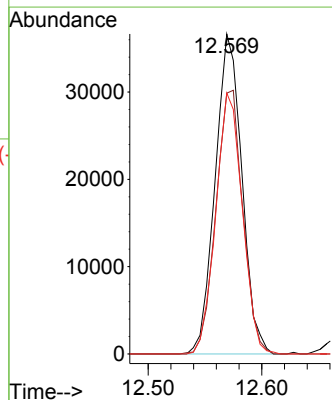
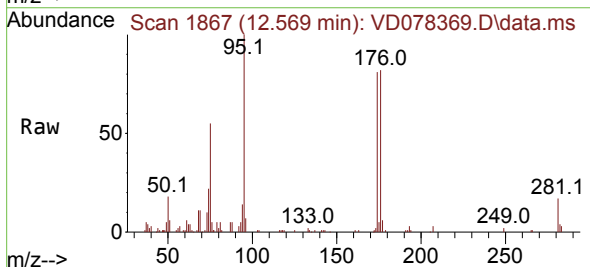
Instrument :
MSVOA_D
ClientSampleId :

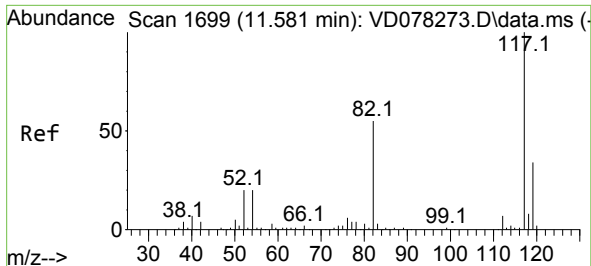
Tgt Ion:107 Resp: 21464
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 37.041 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 95 Resp: 59819
Ion Ratio Lower Upper
95 100
174 83.1 0.0 201.8
176 81.0 0.0 191.8

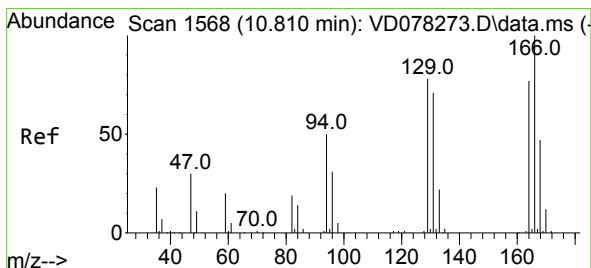
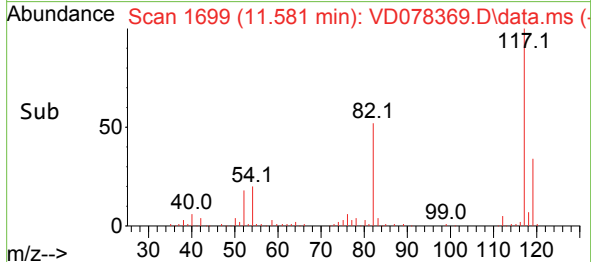
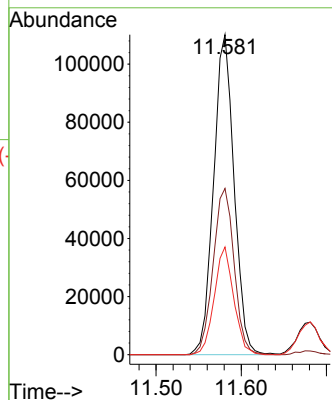
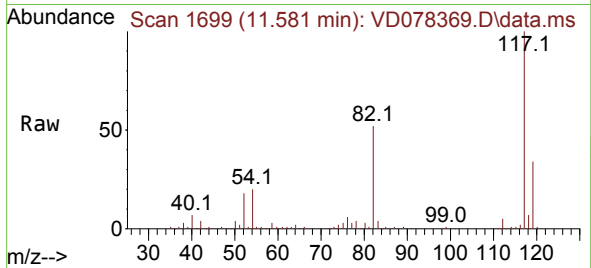




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

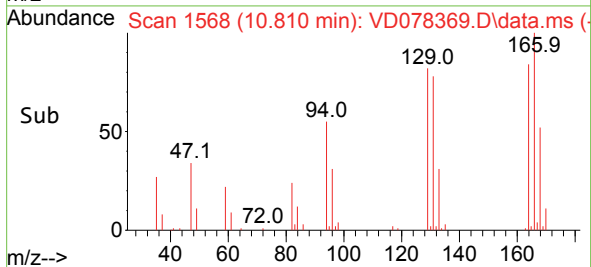
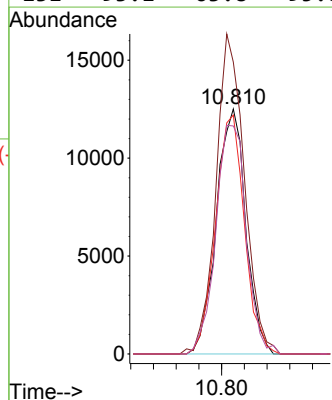
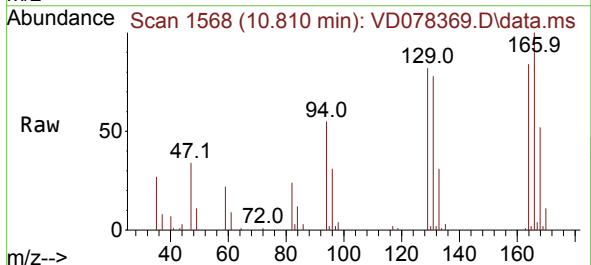
Instrument :
MSVOA_D
ClientSampleId :

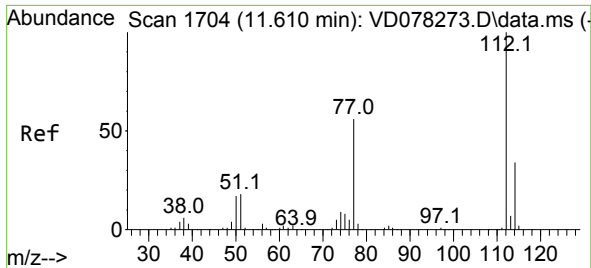
Tgt Ion:117 Resp: 184747
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 33.7 25.0 37.4



#64
Tetrachloroethene
Concen: 17.411 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion:164 Resp: 22435
Ion Ratio Lower Upper
164 100
166 119.1 99.2 148.8
129 97.5 68.4 102.6
131 93.1 63.8 95.8

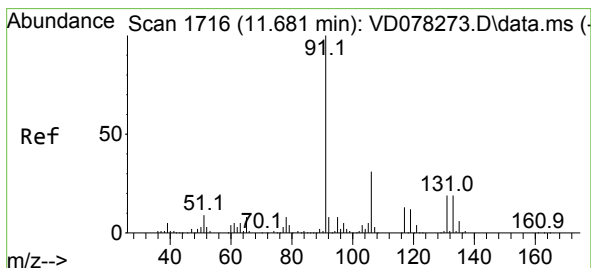
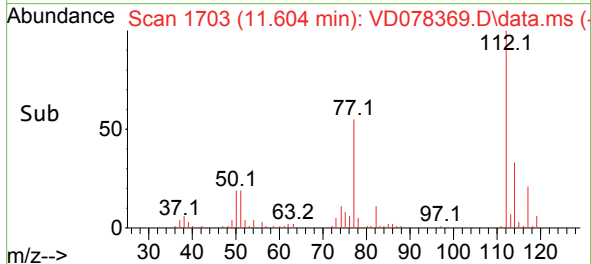
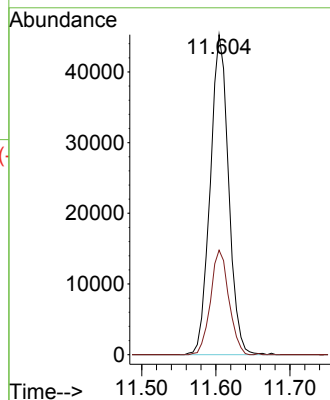
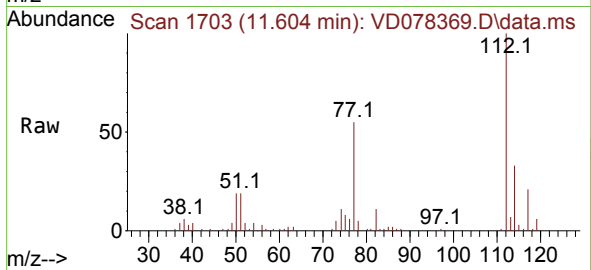




#65
Chlorobenzene
Concen: 17.624 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

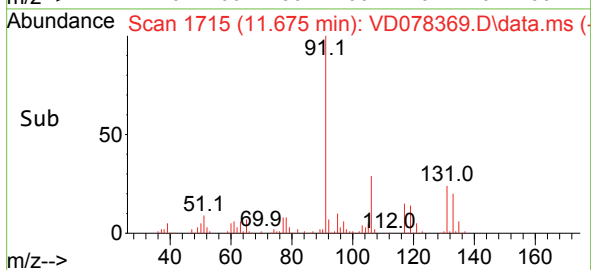
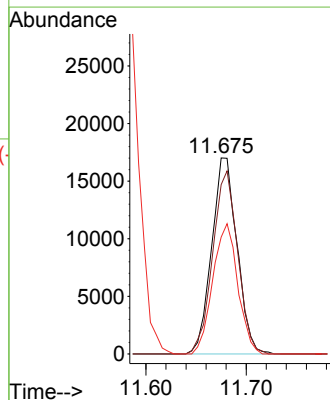
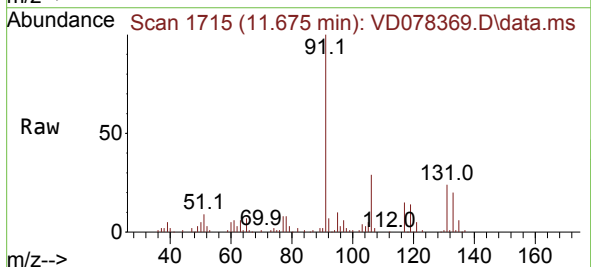
Instrument :
MSVOA_D
ClientSampleId :

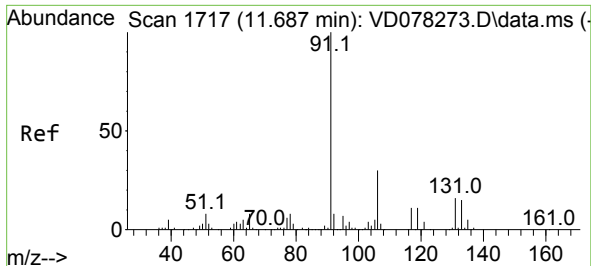
Tgt Ion:112 Resp: 77898
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.992 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion:131 Resp: 29888
Ion Ratio Lower Upper
131 100
133 91.8 48.5 145.5
119 65.2 35.6 106.9

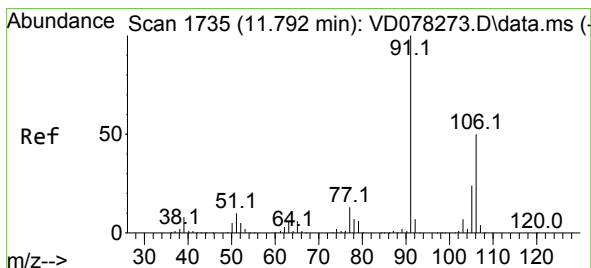
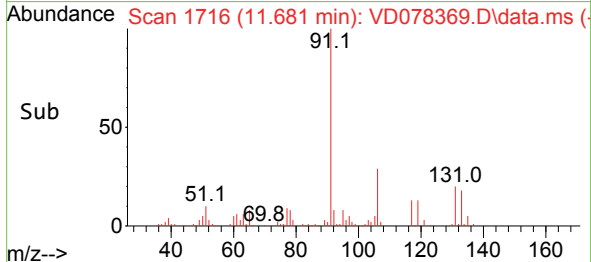
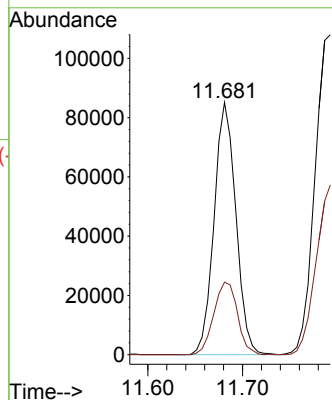
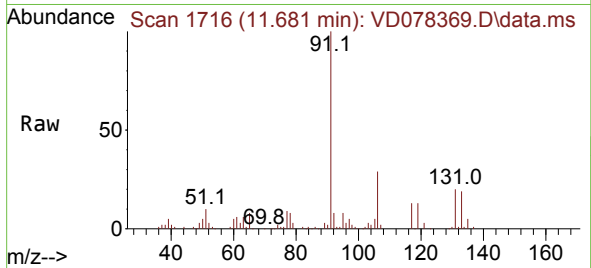




#67
Ethyl Benzene
Concen: 16.975 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

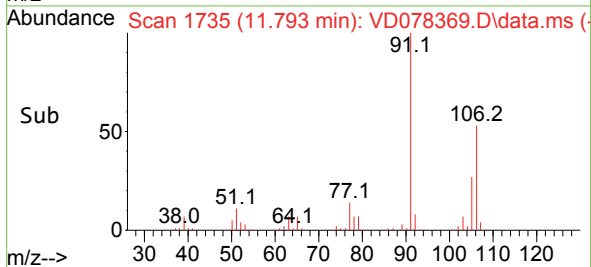
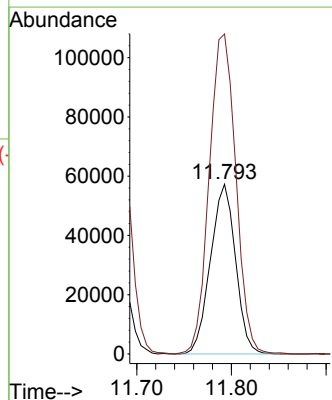
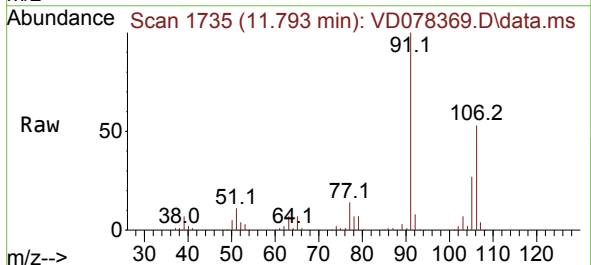
Instrument :
MSVOA_D
ClientSampleId :

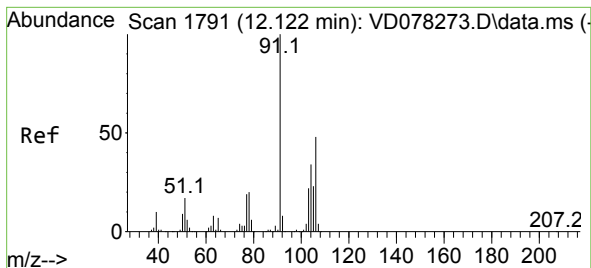
Tgt Ion: 91 Resp: 135907
Ion Ratio Lower Upper
91 100
106 28.7 26.5 39.7



#68
m/p-Xylenes
Concen: 34.220 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion:106 Resp: 105405
Ion Ratio Lower Upper
106 100
91 200.1 147.0 220.6





#69

o-Xylene

Concen: 17.015 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

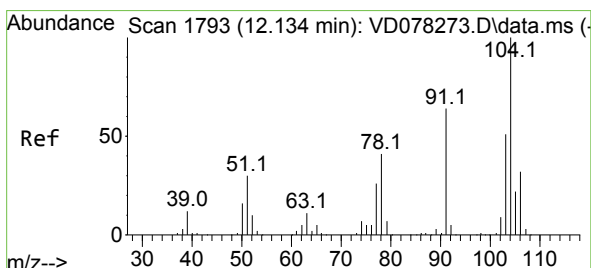
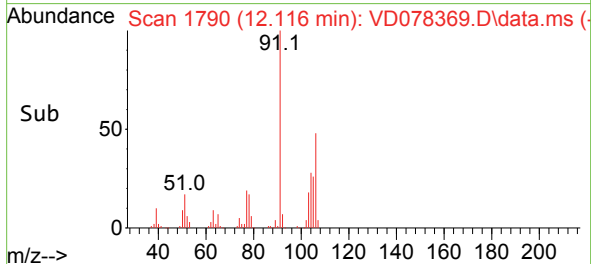
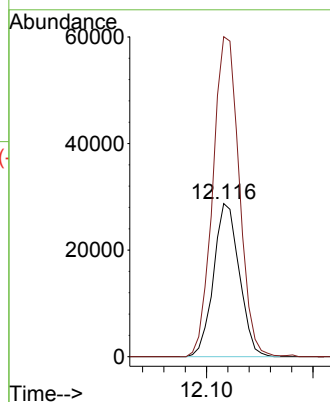
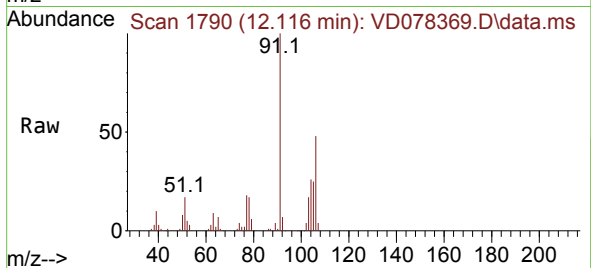
ClientSampleId :

Tgt Ion:106 Resp: 48165

Ion Ratio Lower Upper

106 100

91 214.3 97.9 293.6



#70

Styrene

Concen: 17.451 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

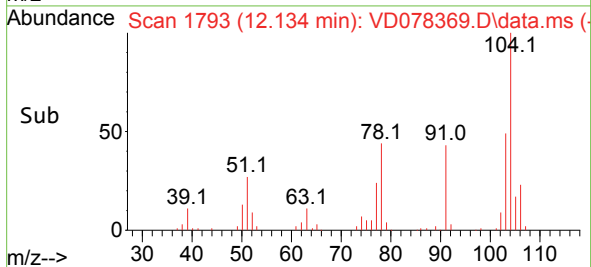
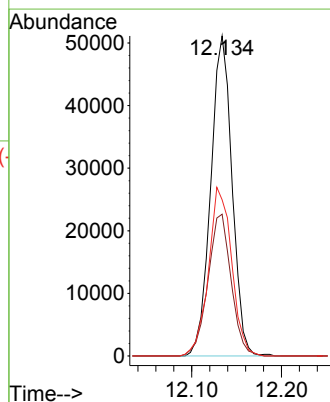
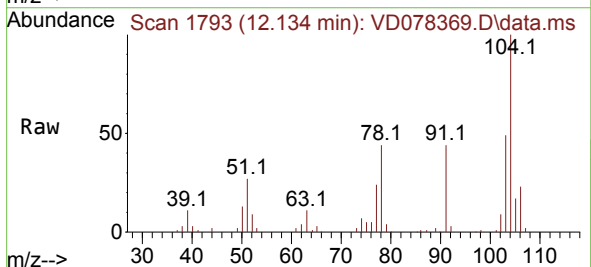
Tgt Ion:104 Resp: 84359

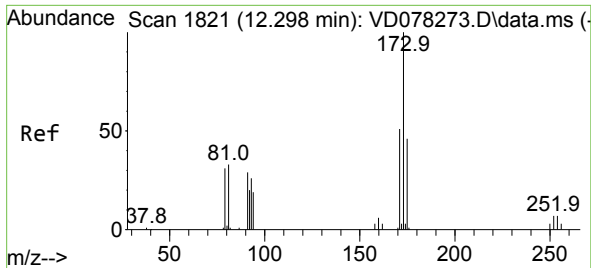
Ion Ratio Lower Upper

104 100

78 48.1 33.2 49.8

103 57.2 43.6 65.4

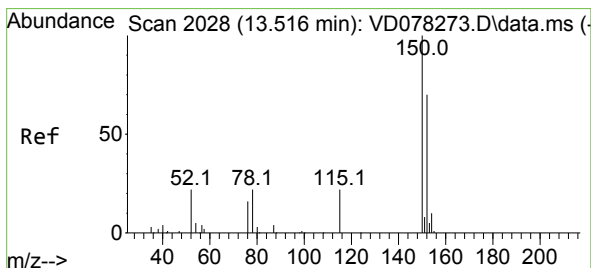
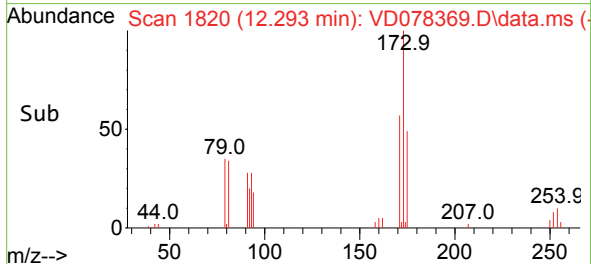
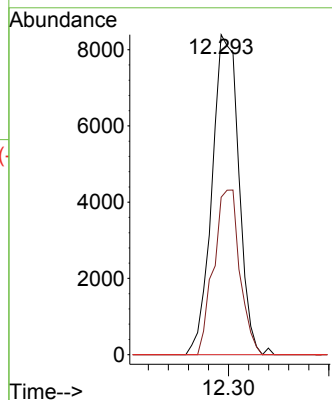
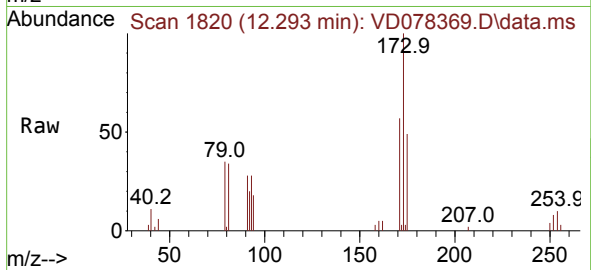




#71
Bromoform
Concen: 20.028 ug/l
RT: 12.293 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

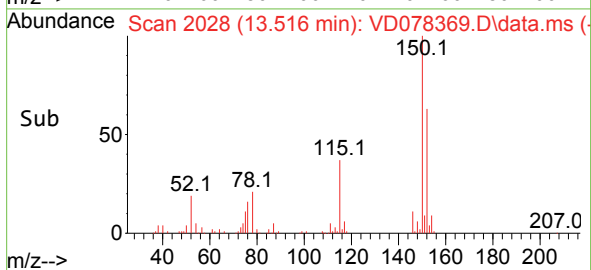
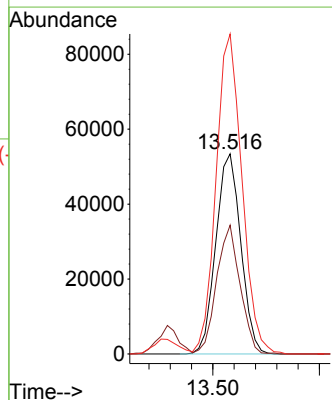
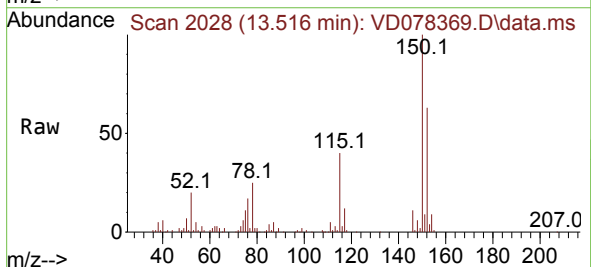
Instrument :
MSVOA_D
ClientSampleId :

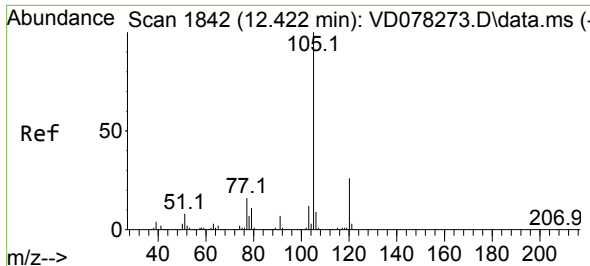
Tgt Ion:173 Resp: 15523
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion:152 Resp: 86717
Ion Ratio Lower Upper
152 100
115 60.6 27.1 81.3
150 165.9 0.0 353.6

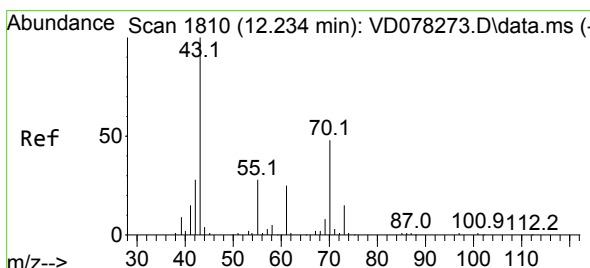
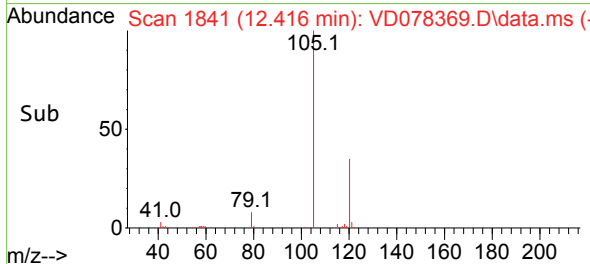
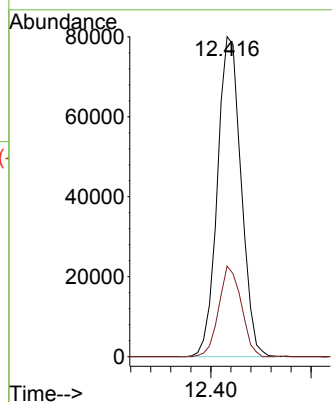
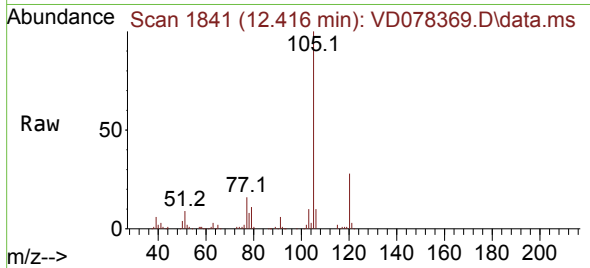




#73
Isopropylbenzene
Concen: 17.891 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

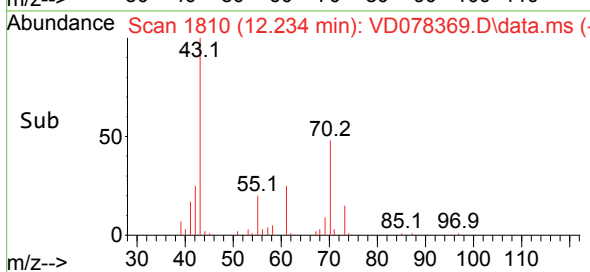
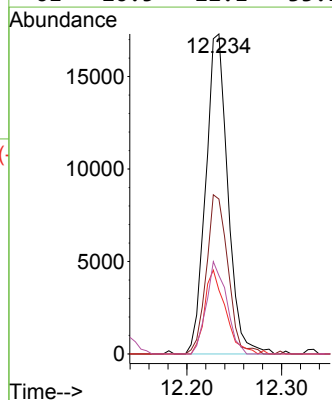
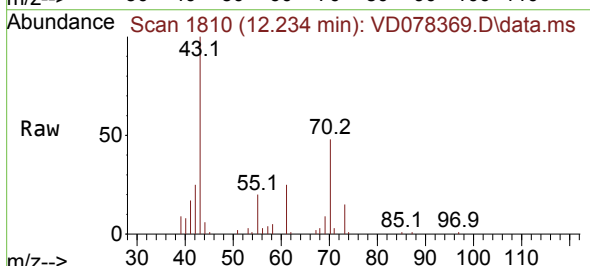
Instrument :
MSVOA_D
ClientSampleId :

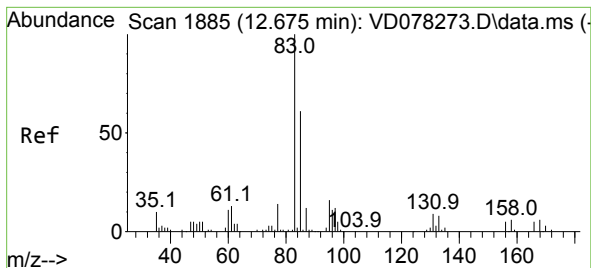
Tgt Ion:105 Resp: 131266
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 18.480 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 43 Resp: 28043
Ion Ratio Lower Upper
43 100
70 48.5 45.0 67.4
55 24.9 23.8 35.6
61 26.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.457 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

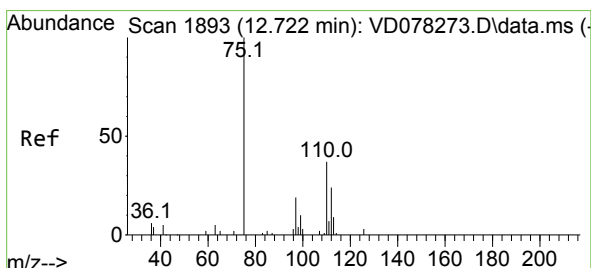
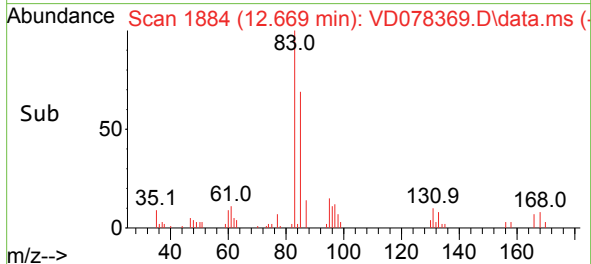
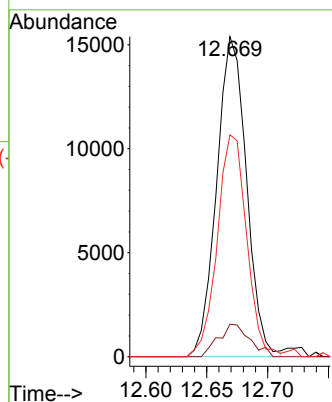
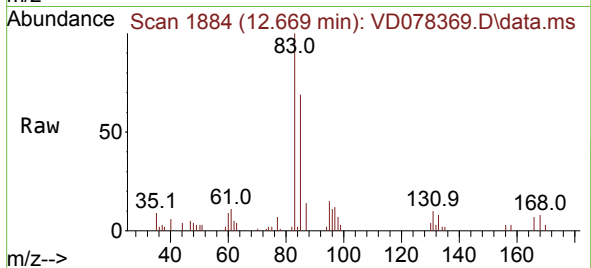
Tgt Ion: 83 Resp: 26151

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 69.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.622 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078369.D

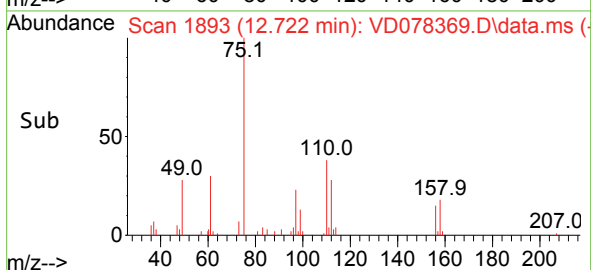
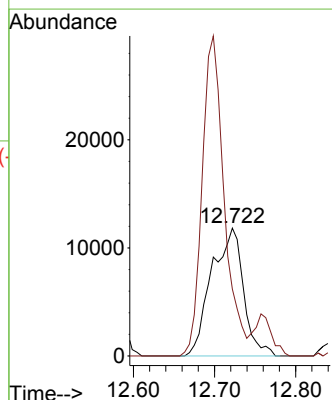
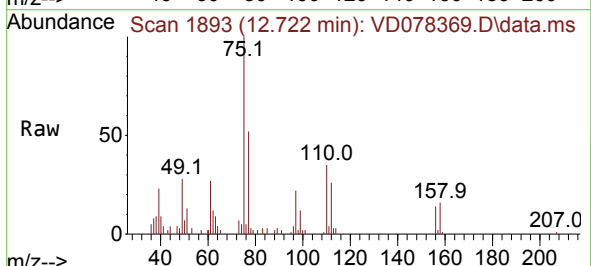
Acq: 08 Feb 2024 15:13

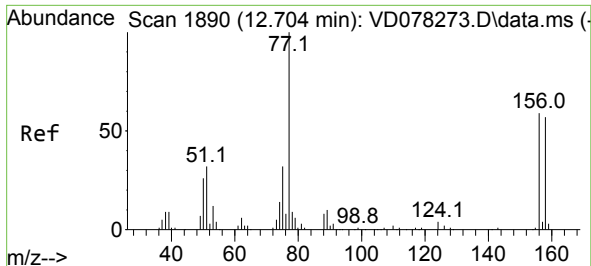
Tgt Ion: 75 Resp: 32286

Ion Ratio Lower Upper

75 100

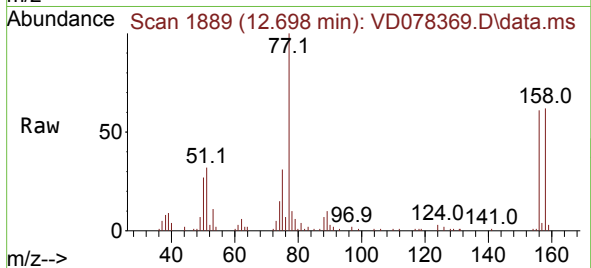
77 0.0 0.0 0.0



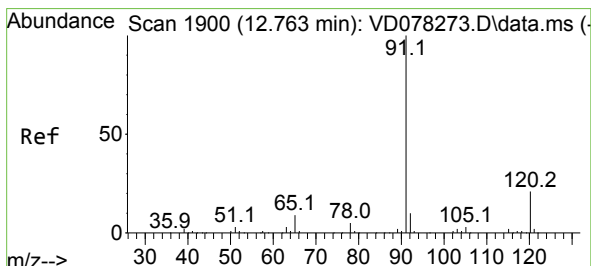
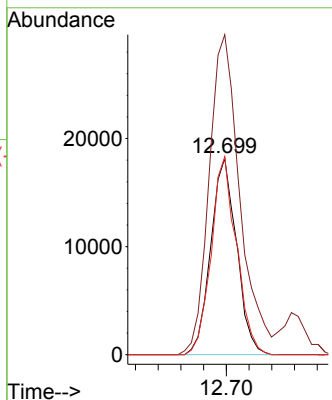
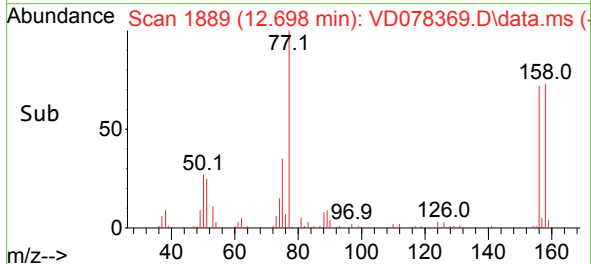


#77
Bromobenzene
Concen: 17.777 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

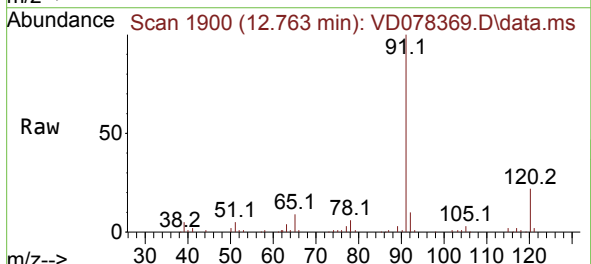
Instrument :
MSVOA_D
ClientSampleId :



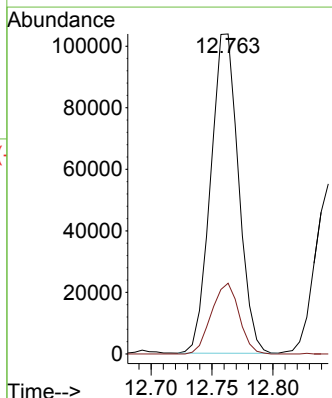
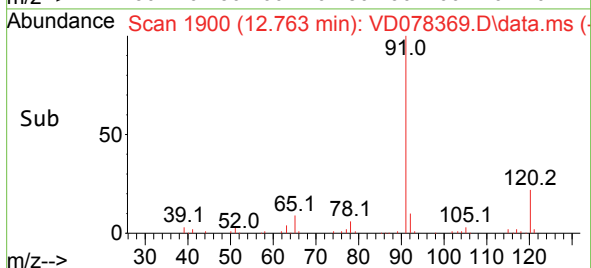
Tgt Ion:156 Resp: 28703
Ion Ratio Lower Upper
156 100
77 194.0 76.8 230.4
158 98.7 48.6 145.9

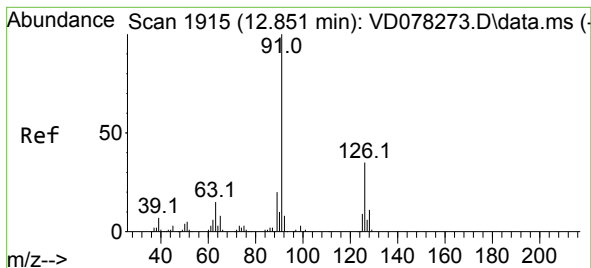


#78
n-propylbenzene
Concen: 18.069 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13



Tgt Ion: 91 Resp: 165143
Ion Ratio Lower Upper
91 100
120 21.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 18.304 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

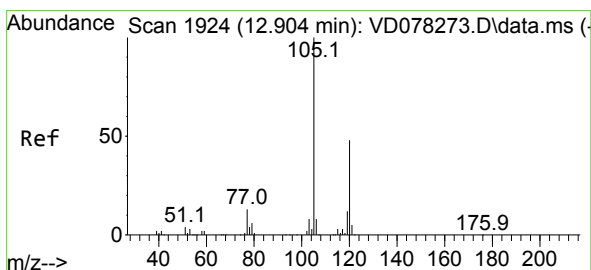
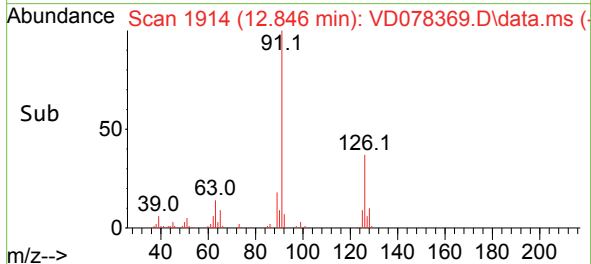
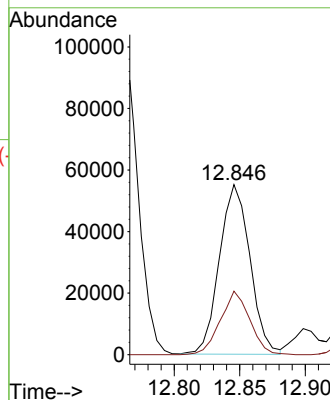
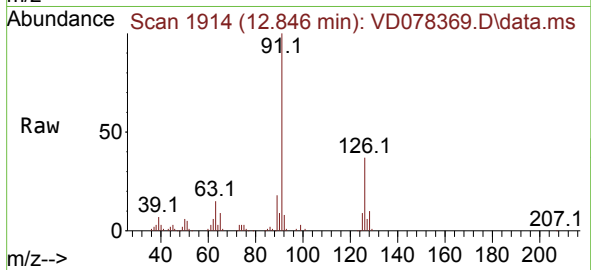
ClientSampleId :

Tgt Ion: 91 Resp: 89555

Ion Ratio Lower Upper

91 100

126 36.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 18.484 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078369.D

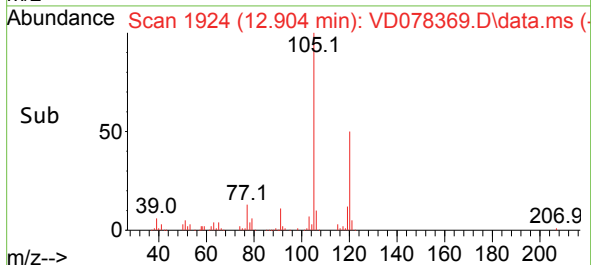
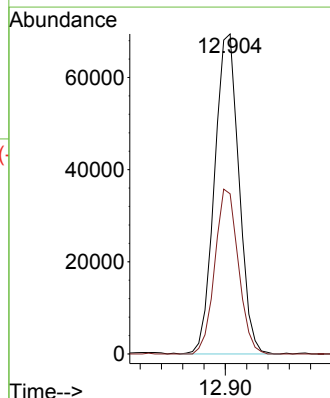
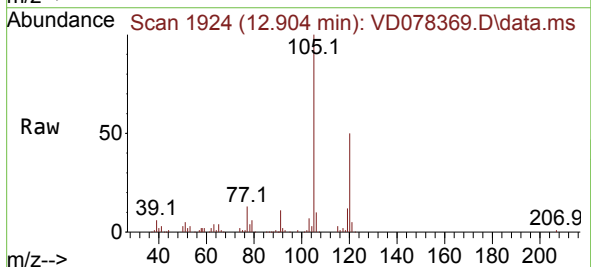
Acq: 08 Feb 2024 15:13

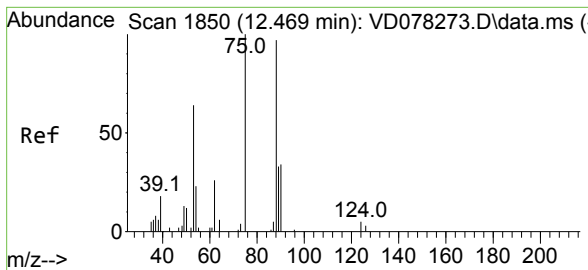
Tgt Ion:105 Resp: 110328

Ion Ratio Lower Upper

105 100

120 49.7 26.4 79.2

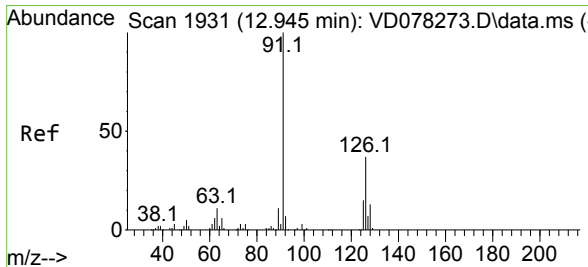
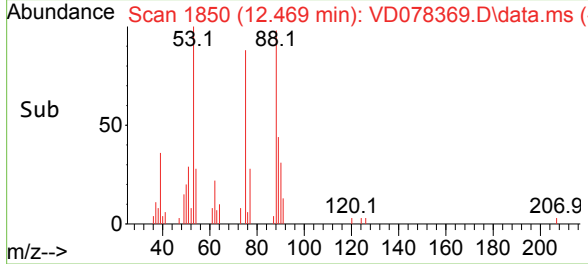
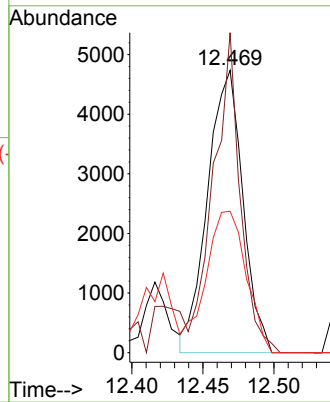
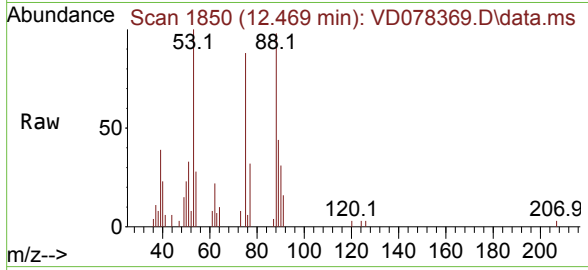




#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.965 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VD078369.D
 Acq: 08 Feb 2024 15:13

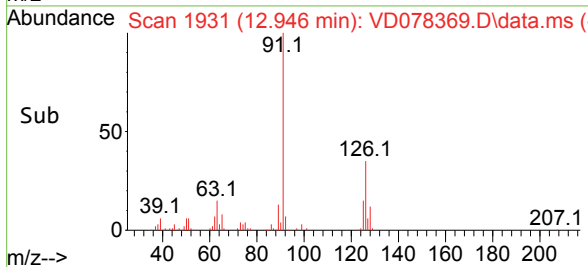
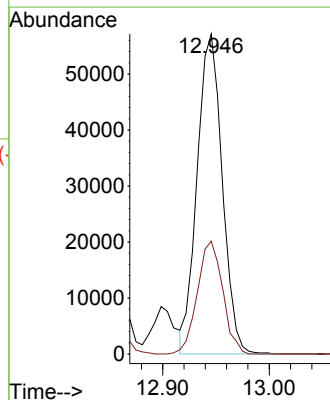
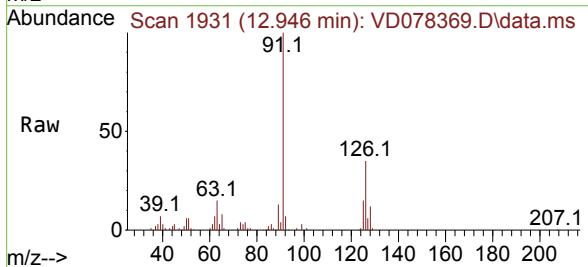
Instrument :
 MSVOA_D
 ClientSampleId :

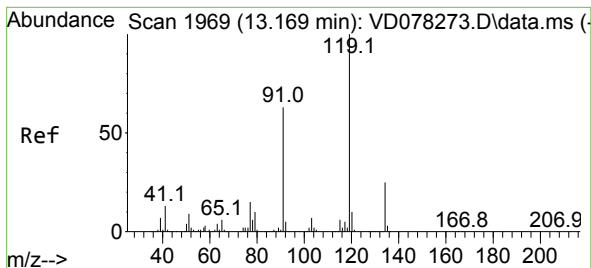
Tgt Ion:	75	Resp:	8187
Ion Ratio	Lower	Upper	
75	100		
53	85.5	63.0	94.4
89	57.3	37.9	56.9#



#82
 4-Chlorotoluene
 Concen: 17.990 ug/l
 RT: 12.946 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: VD078369.D
 Acq: 08 Feb 2024 15:13

Tgt Ion:	91	Resp:	93834
Ion Ratio	Lower	Upper	
91	100		
126	35.6	19.4	58.4





#83

tert-Butylbenzene

Concen: 17.606 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

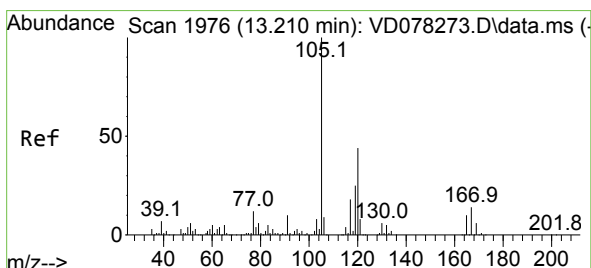
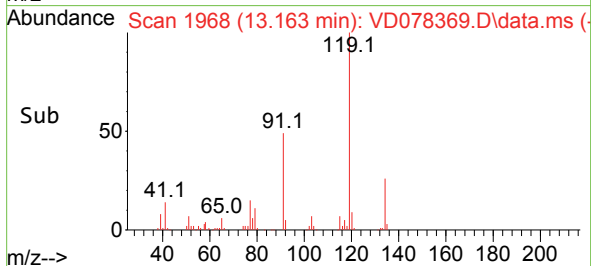
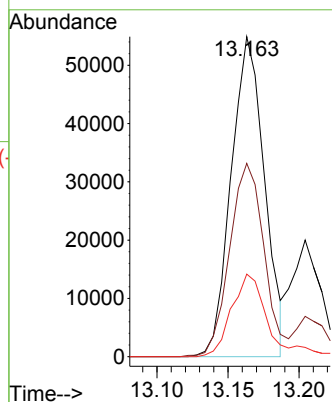
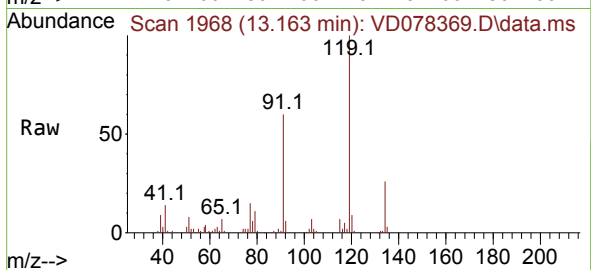
Tgt Ion:119 Resp: 89670

Ion Ratio Lower Upper

119 100

91 62.7 29.3 87.8

134 27.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 17.999 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078369.D

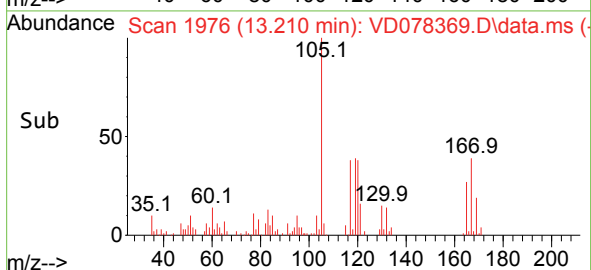
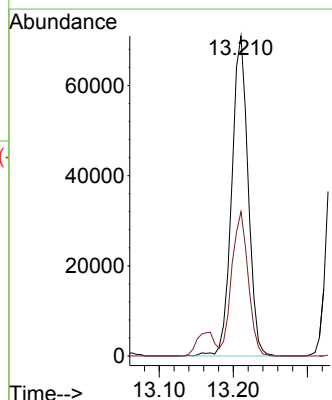
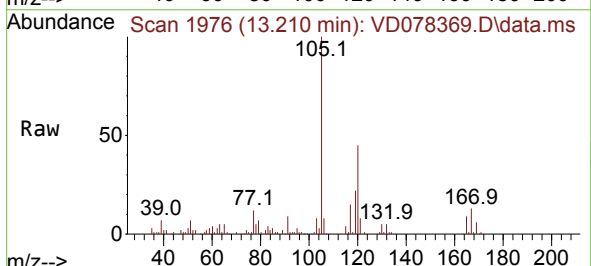
Acq: 08 Feb 2024 15:13

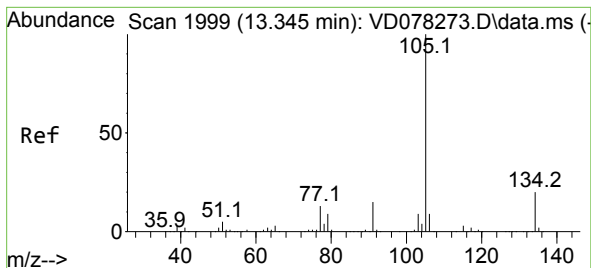
Tgt Ion:105 Resp: 108694

Ion Ratio Lower Upper

105 100

120 45.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 18.049 ug/l

RT: 13.340 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

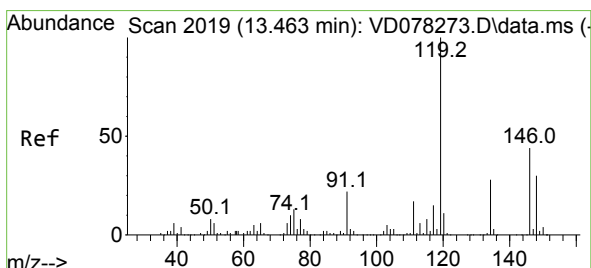
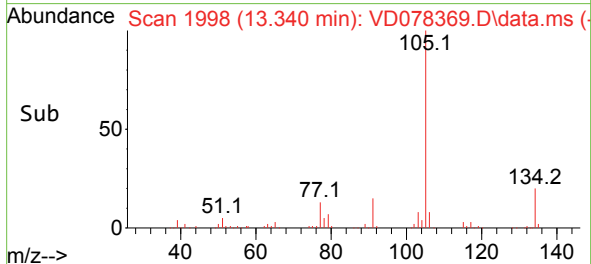
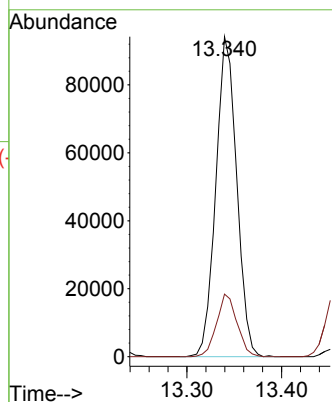
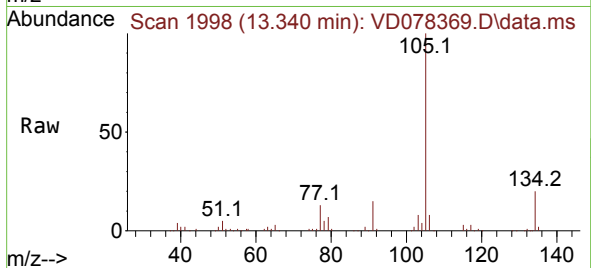
ClientSampleId :

Tgt Ion:105 Resp: 144272

Ion Ratio Lower Upper

105 100

134 19.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 17.828 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

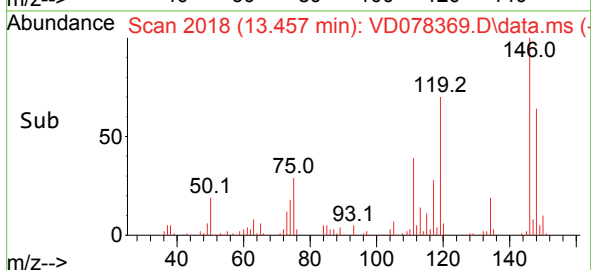
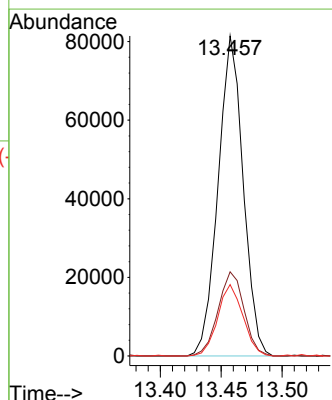
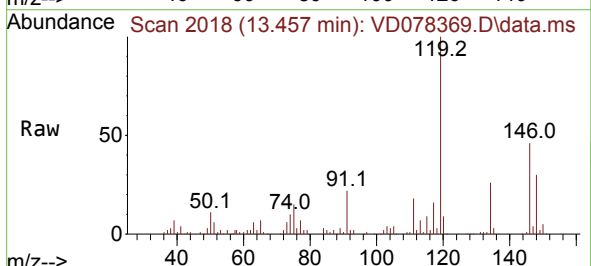
Tgt Ion:119 Resp: 116718

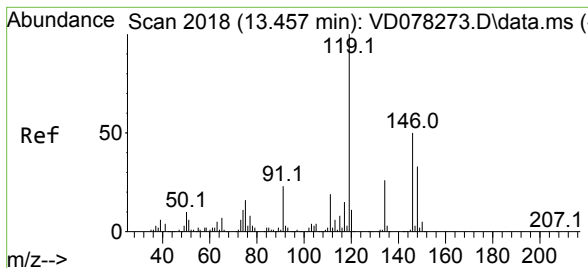
Ion Ratio Lower Upper

119 100

134 27.2 14.2 42.6

91 22.4 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 18.965 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

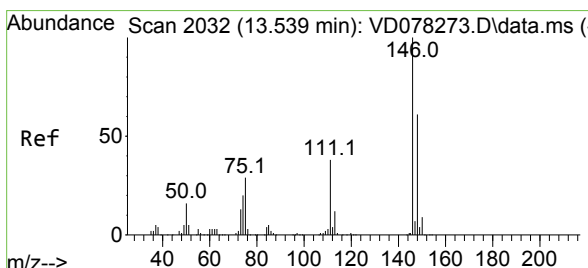
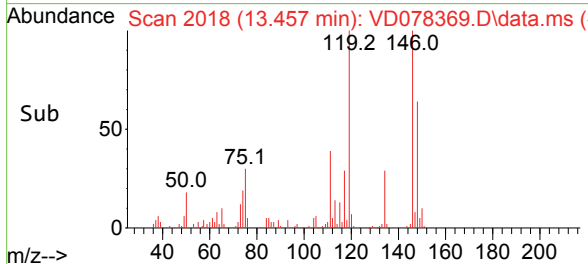
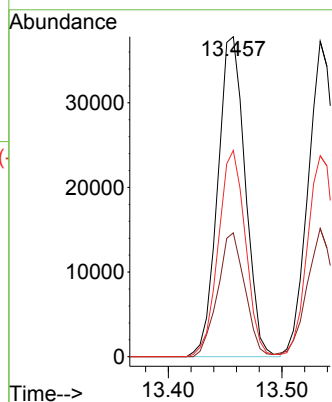
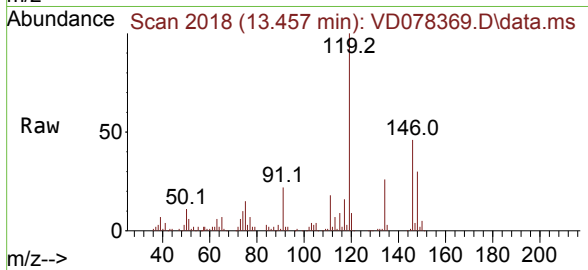
Tgt Ion:146 Resp: 63615

Ion Ratio Lower Upper

146 100

111 38.4 17.9 53.8

148 63.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 18.706 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

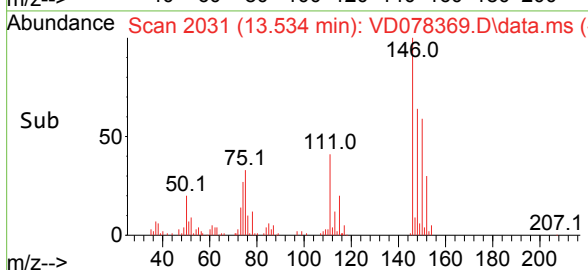
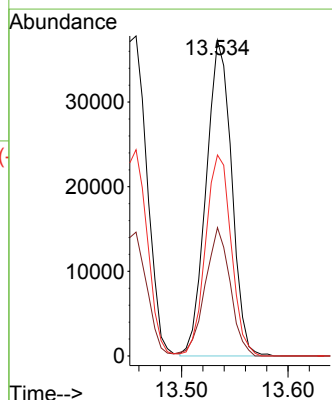
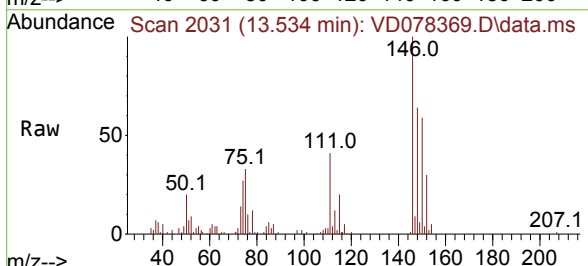
Tgt Ion:146 Resp: 62079

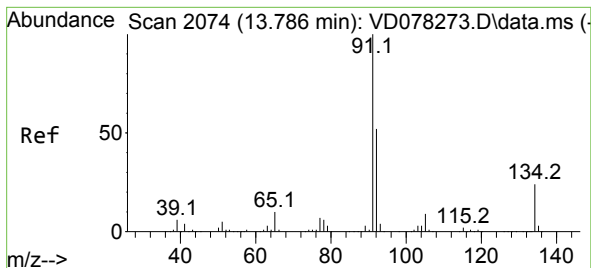
Ion Ratio Lower Upper

146 100

111 40.1 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 18.724 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

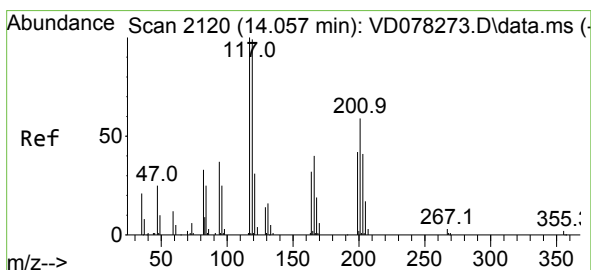
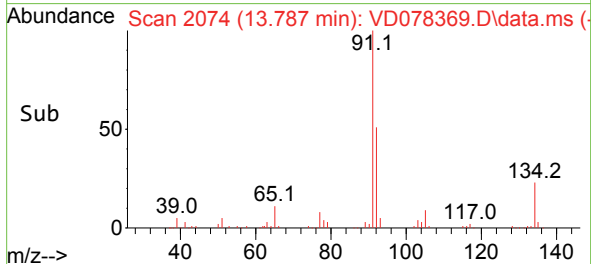
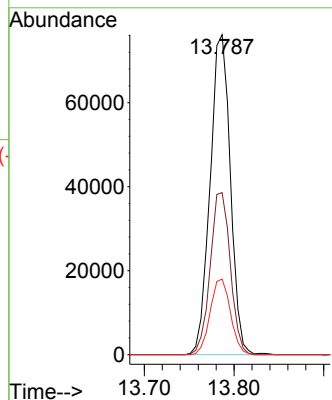
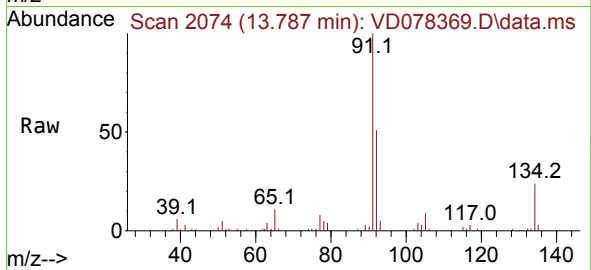
Tgt Ion: 91 Resp: 119452

Ion Ratio Lower Upper

91 100

92 50.4 26.5 79.5

134 23.7 13.8 41.3



#90

Hexachloroethane

Concen: 19.139 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078369.D

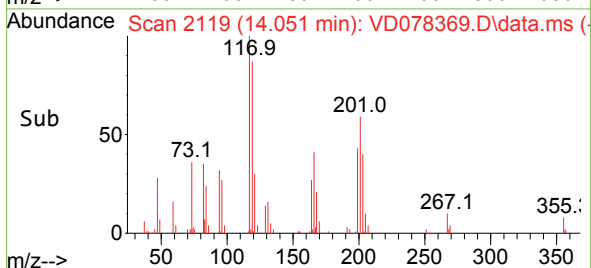
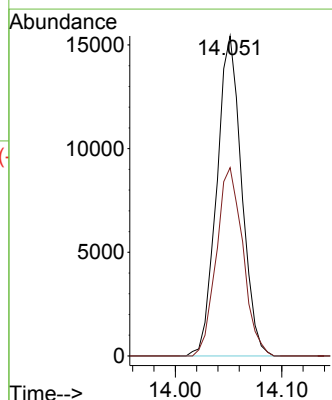
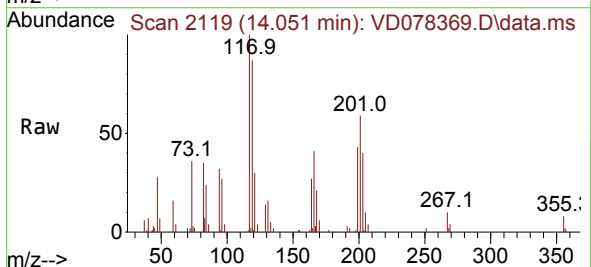
Acq: 08 Feb 2024 15:13

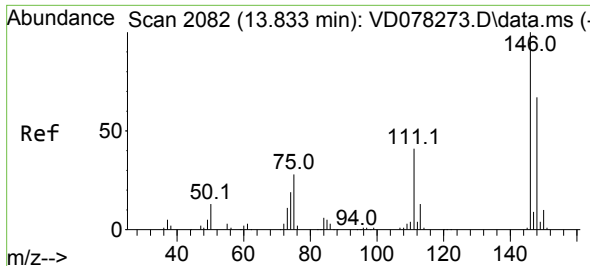
Tgt Ion: 117 Resp: 25027

Ion Ratio Lower Upper

117 100

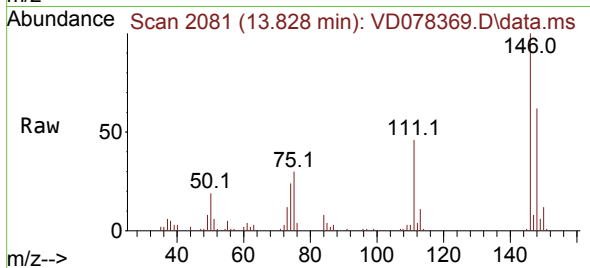
201 62.7 38.5 115.5



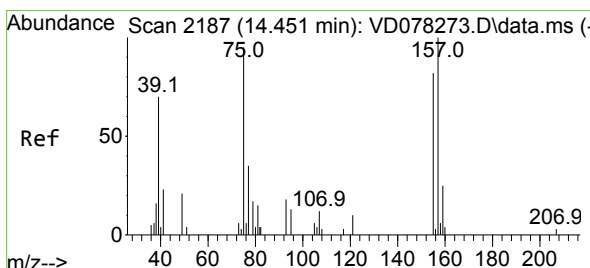
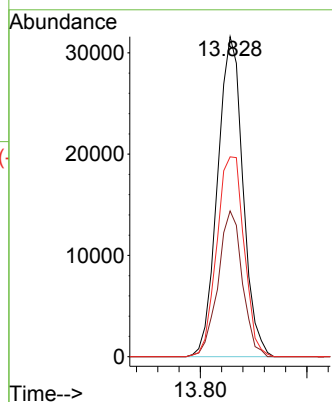
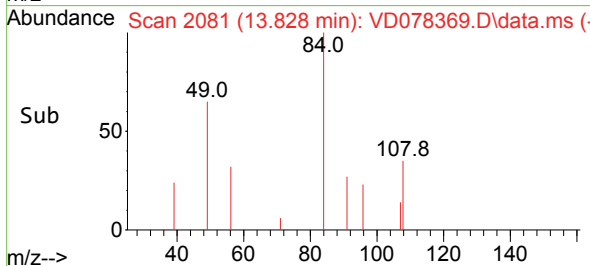


#91
1,2-Dichlorobenzene
Concen: 18.212 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13

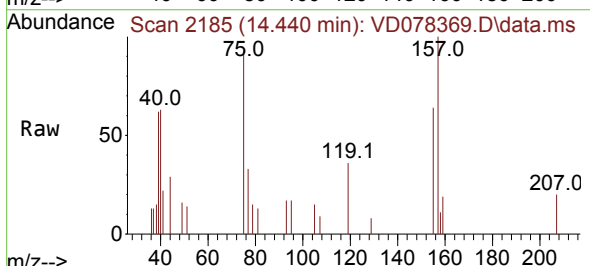
Instrument :
MSVOA_D
ClientSampleId :



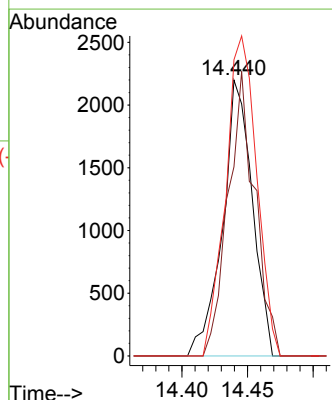
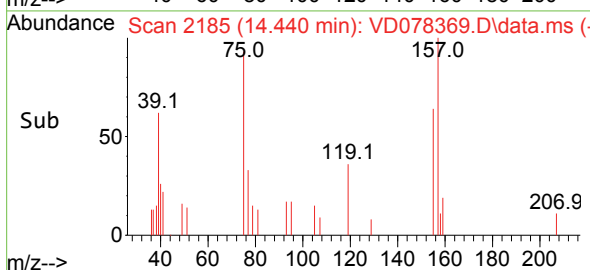
Tgt Ion:146 Resp: 52261
Ion Ratio Lower Upper
146 100
111 43.7 18.3 54.8
148 67.2 31.6 94.7

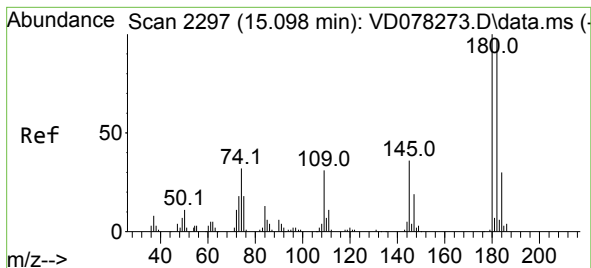


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.375 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. -0.012 min
Lab File: VD078369.D
Acq: 08 Feb 2024 15:13



Tgt Ion: 75 Resp: 3451
Ion Ratio Lower Upper
75 100
155 93.5 47.9 143.8
157 121.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.716 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078369.D

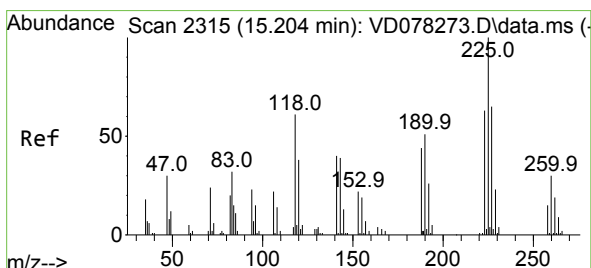
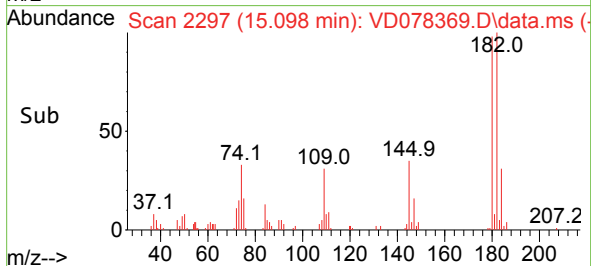
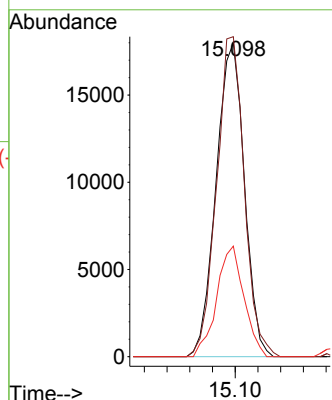
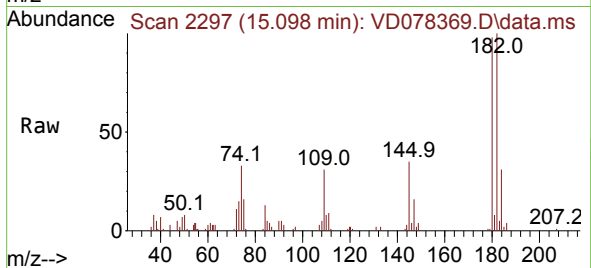
Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	180	Resp:	31066
Ion Ratio	Lower	Upper	
180	100		
182	99.8	48.5	145.6
145	34.0	14.2	42.6



#94

Hexachlorobutadiene

Concen: 20.015 ug/l

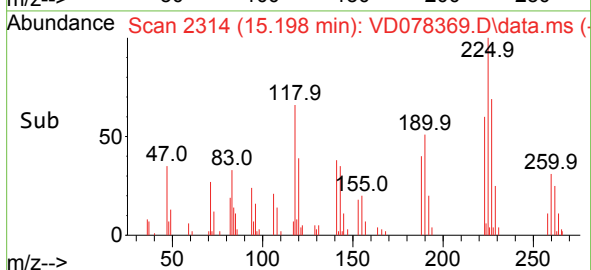
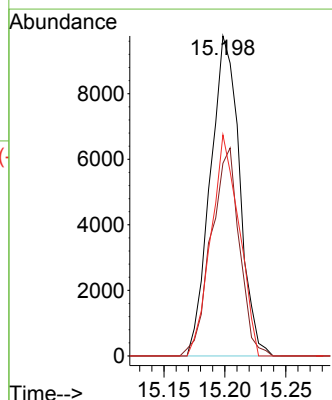
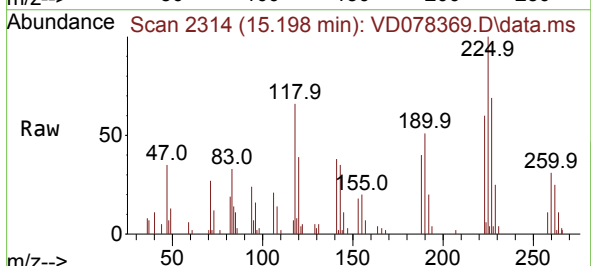
RT: 15.198 min Scan# 2314

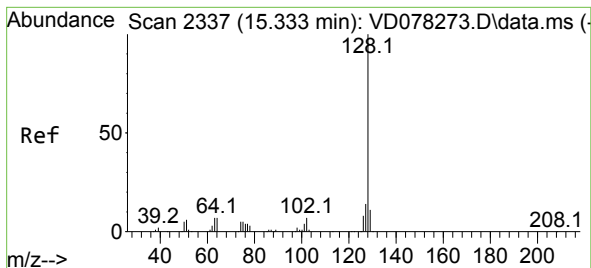
Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Tgt Ion:	225	Resp:	16279
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.6	94.8
227	66.3	31.7	95.1





#95

Naphthalene

Concen: 19.432 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

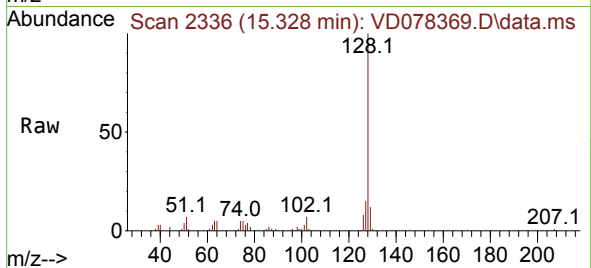
Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Instrument :

MSVOA_D

ClientSampleId :



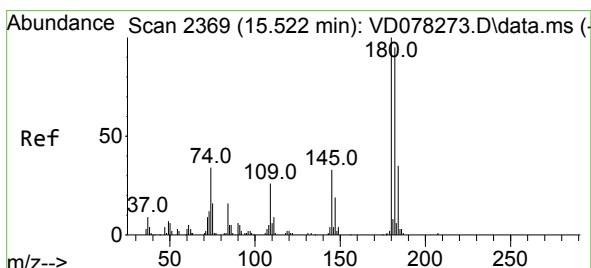
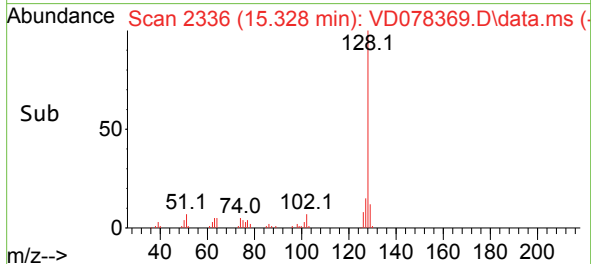
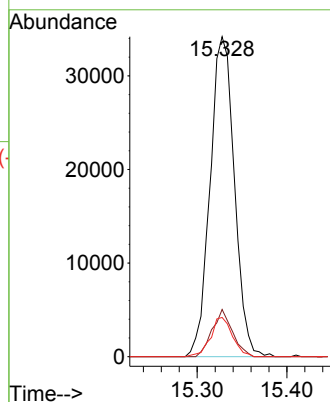
Tgt Ion:128 Resp: 64309

Ion Ratio Lower Upper

128 100

127 14.7 10.5 15.7

129 12.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.429 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078369.D

Acq: 08 Feb 2024 15:13

Tgt Ion:180 Resp: 28395

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 33.9 15.1 45.3

