

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078117.D
 Acq On : 02 Jan 2024 11:12
 Operator : RP/MD
 Sample : VD0102SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:04:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	175614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126263	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	68184	43.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.280%
35) Dibromofluoromethane	7.811	113	81895	46.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.480%
50) Toluene-d8	10.269	98	296747	47.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.575	95	93314	46.537	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.080%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	24936	16.568	ug/l	96
3) Chloromethane	2.152	50	29611	14.266	ug/l	93
4) Vinyl Chloride	2.287	62	44248	14.143	ug/l	98
5) Bromomethane	2.693	94	35716	14.238	ug/l	99
6) Chloroethane	2.840	64	33283	14.477	ug/l	89
7) Trichlorofluoromethane	3.181	101	48088	15.969	ug/l	92
8) Diethyl Ether	3.599	74	12701	15.381	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	30299	16.154	ug/l	96
10) Methyl Iodide	4.170	142	26938	15.284	ug/l #	88
11) Tert butyl alcohol	5.046	59	7070	84.270	ug/l	100
12) 1,1-Dichloroethene	3.946	96	26083	15.717	ug/l	94
13) Acrolein	3.799	56	8088	98.278	ug/l	96
14) Allyl chloride	4.570	41	29034	14.474	ug/l #	90
15) Acrylonitrile	5.252	53	26758	77.465	ug/l	94
16) Acetone	4.028	43	36324	96.851	ug/l	93
17) Carbon Disulfide	4.281	76	58070	14.161	ug/l	98
18) Methyl Acetate	4.570	43	18210	14.220	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	61443	16.728	ug/l	92
20) Methylene Chloride	4.811	84	38126	17.865	ug/l	92
21) trans-1,2-Dichloroethene	5.317	96	30515	15.996	ug/l	97
22) Diisopropyl ether	6.228	45	71641	15.989	ug/l	94
23) Vinyl Acetate	6.158	43	137434	80.231	ug/l	94
24) 1,1-Dichloroethane	6.117	63	51745	15.605	ug/l	94
25) 2-Butanone	7.087	43	38726	85.346	ug/l	87
26) 2,2-Dichloropropane	7.081	77	47524	15.953	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	36695	16.213	ug/l	97
28) Bromochloromethane	7.428	49	18994	16.011	ug/l	97
29) Tetrahydrofuran	7.446	42	18774	77.614	ug/l	92
30) Chloroform	7.599	83	59199	16.474	ug/l	94
31) Cyclohexane	7.881	56	37606	15.086	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	50545	16.367	ug/l	98
36) 1,1-Dichloropropene	8.011	75	40532	16.265	ug/l	99
37) Ethyl Acetate	7.169	43	12881	15.542	ug/l #	75
38) Carbon Tetrachloride	7.999	117	45070	16.691	ug/l	92
39) Methylcyclohexane	9.275	83	45467	15.914	ug/l	96
40) Benzene	8.252	78	115399	16.067	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078117.D
 Acq On : 02 Jan 2024 11:12
 Operator : RP/MD
 Sample : VD0102SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:04:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7242	13.812	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	32345	16.664	ug/l	95
43) Isopropyl Acetate	8.363	43	25806	15.552	ug/l	95
44) Trichloroethene	9.034	130	36106	17.473	ug/l	93
45) 1,2-Dichloropropane	9.305	63	29596	16.262	ug/l	97
46) Dibromomethane	9.399	93	17352	17.023	ug/l	98
47) Bromodichloromethane	9.587	83	44045	16.634	ug/l	96
48) Methyl methacrylate	9.381	41	15102	16.149	ug/l #	80
49) 1,4-Dioxane	9.381	88	3314	343.911	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	70451	82.745	ug/l	94
52) Toluene	10.334	92	78532	16.858	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	38538	16.042	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	47855	16.588	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	24672	17.200	ug/l	92
56) Ethyl methacrylate	10.599	69	18316	16.090	ug/l	94
57) 1,3-Dichloropropane	10.881	76	38313	16.256	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	47847	97.082	ug/l	98
59) 2-Hexanone	10.922	43	57959	87.637	ug/l	89
60) Dibromochloromethane	11.075	129	32246	17.646	ug/l	98
61) 1,2-Dibromoethane	11.181	107	23182	16.857	ug/l	97
64) Tetrachloroethene	10.810	164	29397	17.384	ug/l	96
65) Chlorobenzene	11.610	112	90187	16.963	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	34785	17.286	ug/l	95
67) Ethyl Benzene	11.687	91	150383	16.225	ug/l	98
68) m/p-Xylenes	11.793	106	117516	32.578	ug/l	94
69) o-Xylene	12.122	106	53930	16.041	ug/l	92
70) Styrene	12.134	104	81762	16.471	ug/l	96
71) Bromoform	12.299	173	18941	17.061	ug/l #	99
73) Isopropylbenzene	12.422	105	146160	16.807	ug/l	98
74) N-amyl acetate	12.234	43	23255	16.108	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	25803	16.325	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	31706	29.764	ug/l #	100
77) Bromobenzene	12.698	156	36343	17.179	ug/l	97
78) n-propylbenzene	12.763	91	175421	16.758	ug/l	99
79) 2-Chlorotoluene	12.851	91	95538	16.874	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	122499	17.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7898	15.976	ug/l	93
82) 4-Chlorotoluene	12.946	91	101114	16.657	ug/l	98
83) tert-Butylbenzene	13.169	119	108766	16.880	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	120737	16.479	ug/l	100
85) sec-Butylbenzene	13.346	105	157552	17.127	ug/l	97
86) p-Isopropyltoluene	13.463	119	140911	17.117	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	74942	17.121	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	75220	17.522	ug/l	97
89) n-Butylbenzene	13.787	91	131602	17.416	ug/l	97
90) Hexachloroethane	14.051	117	28733	17.458	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	63888	16.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3570	16.127	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	41850	17.052	ug/l	100
94) Hexachlorobutadiene	15.198	225	26547	19.252	ug/l	98
95) Naphthalene	15.334	128	71039	17.002	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	36522	17.538	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
Data File : VD078117.D
Acq On : 02 Jan 2024 11:12
Operator : RP/MD
Sample : VD0102SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

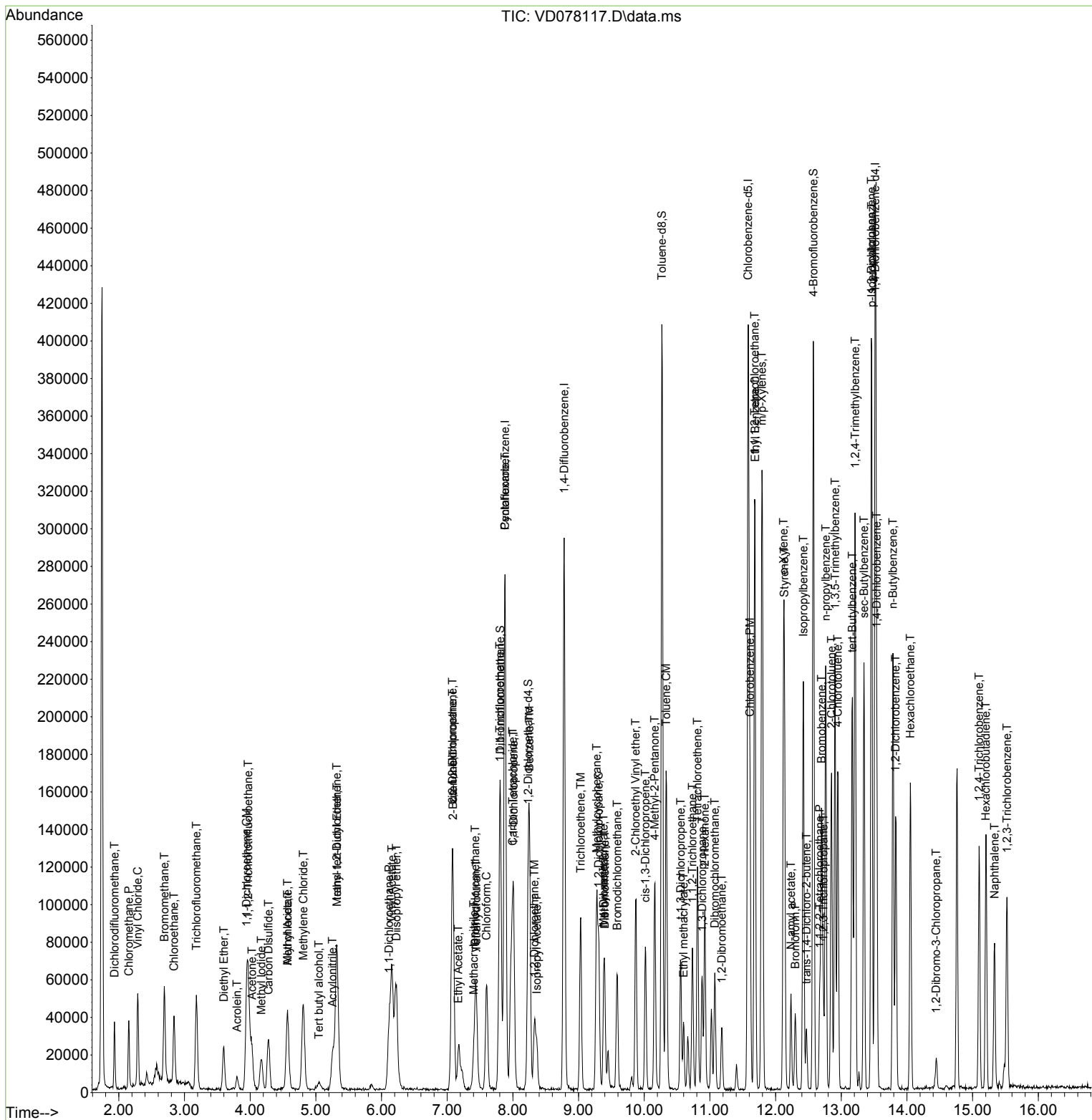
Instrument :
MSVOA_D
ClientSampleId :

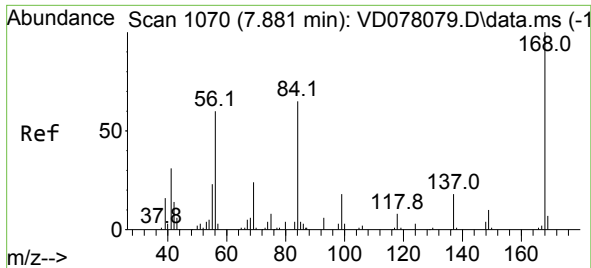
Quant Time: Jan 03 00:04:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jan 03 00:04:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

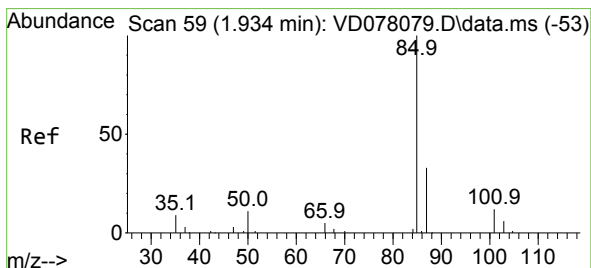
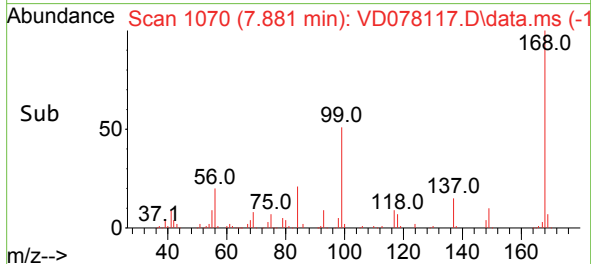
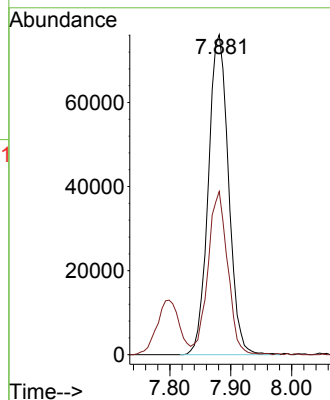
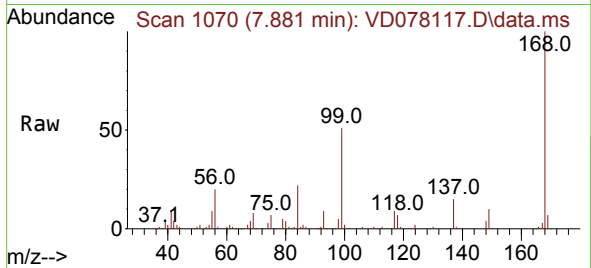




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

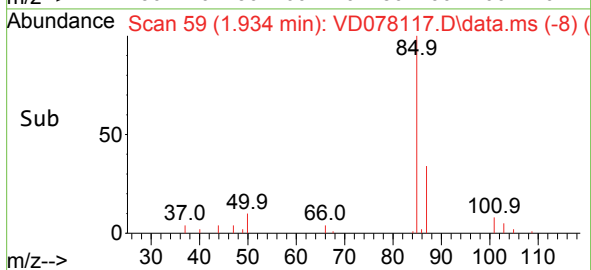
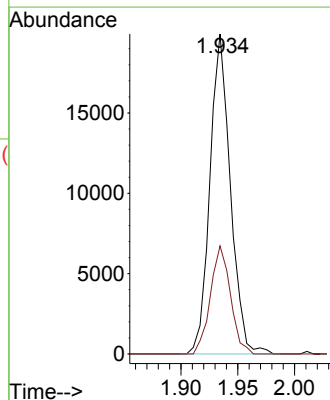
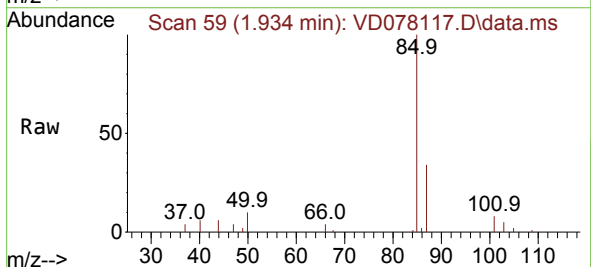
Instrument :
MSVOA_D
ClientSampleId :

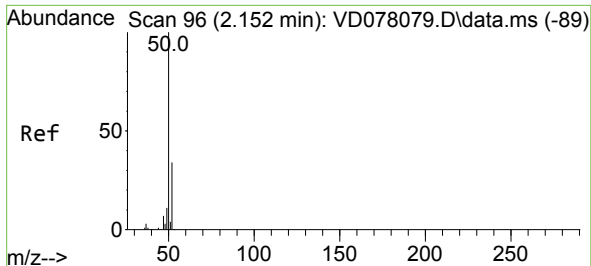
Tgt Ion:168 Resp: 175614
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 16.568 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 85 Resp: 24936
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

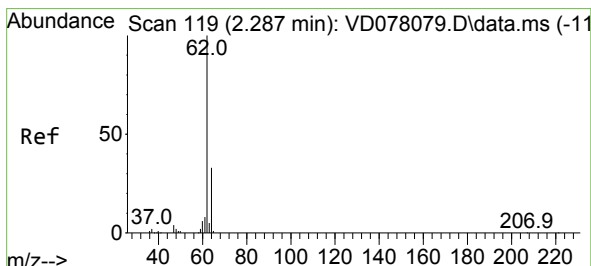
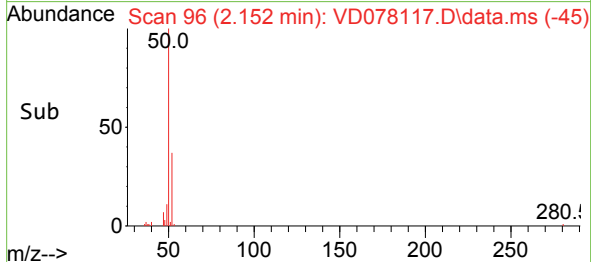
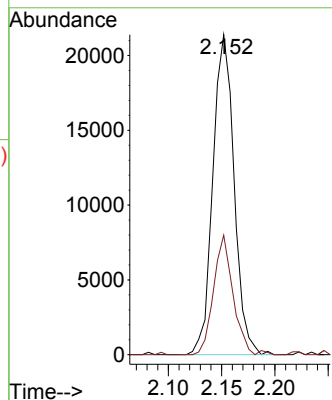
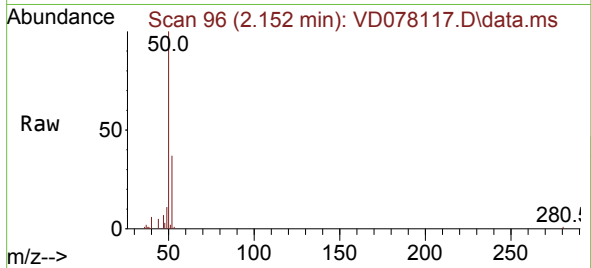




#3
Chloromethane
Concen: 14.266 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

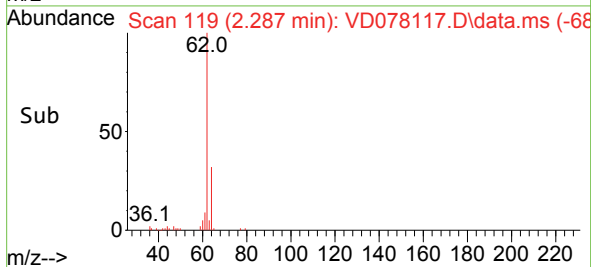
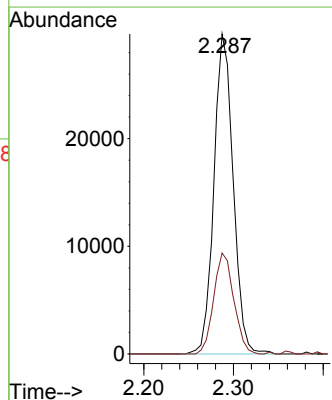
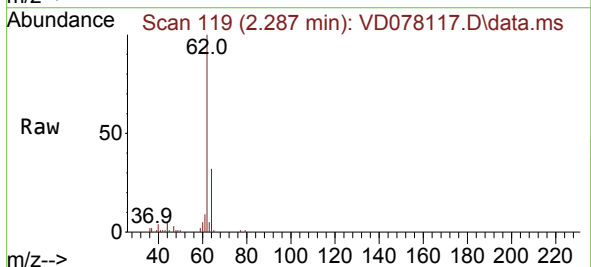
Instrument :
MSVOA_D
ClientSampleId :

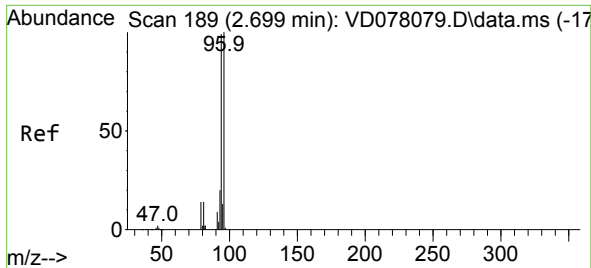
Tgt Ion: 50 Resp: 29611
Ion Ratio Lower Upper
50 100
52 37.4 26.6 40.0



#4
Vinyl Chloride
Concen: 14.143 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 62 Resp: 44248
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0

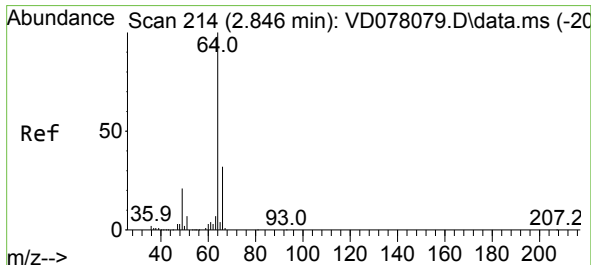
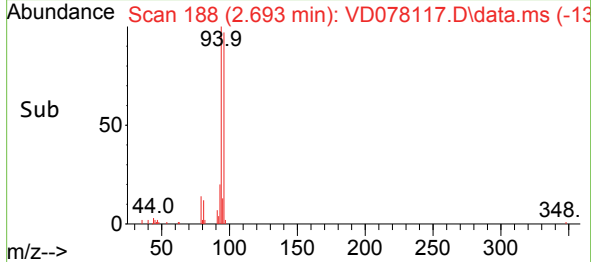
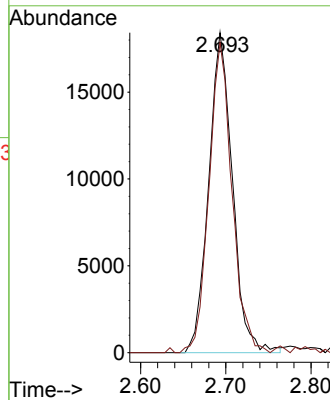
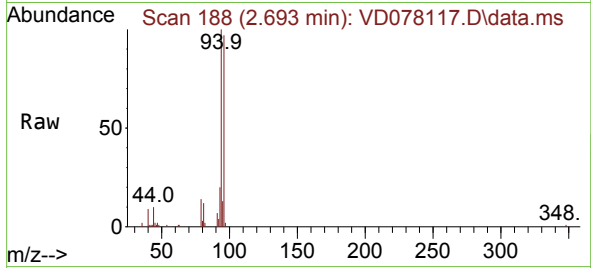




#5
Bromomethane
Concen: 14.238 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

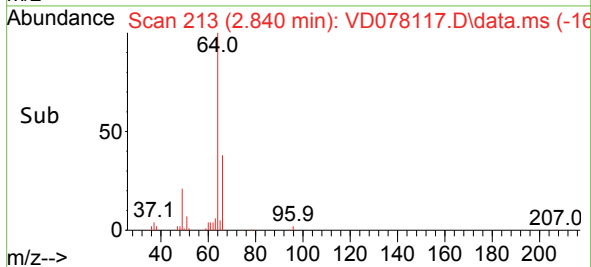
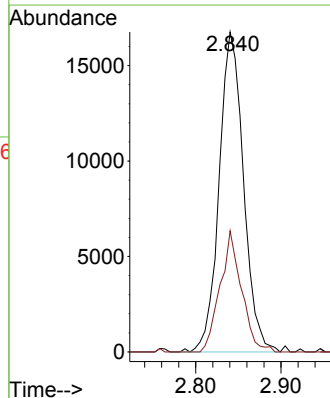
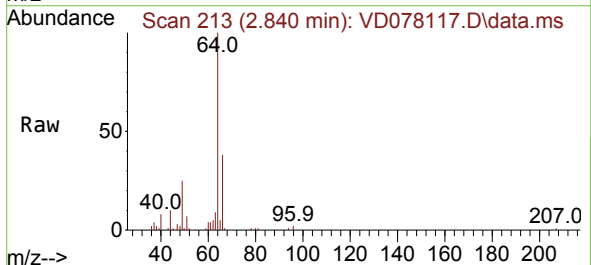
Instrument :
MSVOA_D
ClientSampleId :

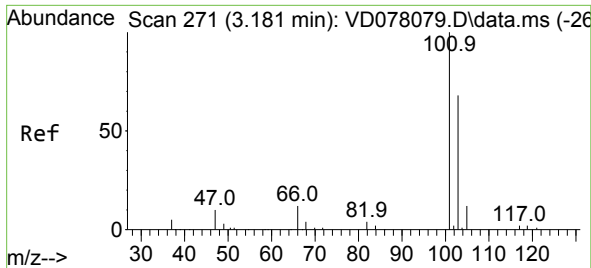
Tgt Ion: 94 Resp: 35716
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 14.477 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 64 Resp: 33283
Ion Ratio Lower Upper
64 100
66 37.8 25.5 38.3

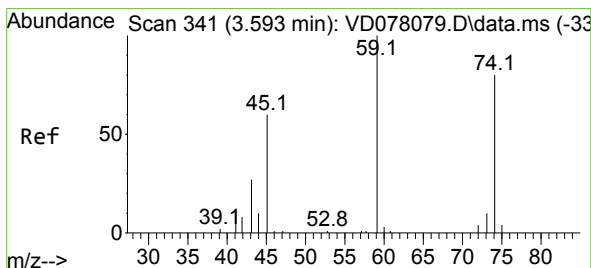
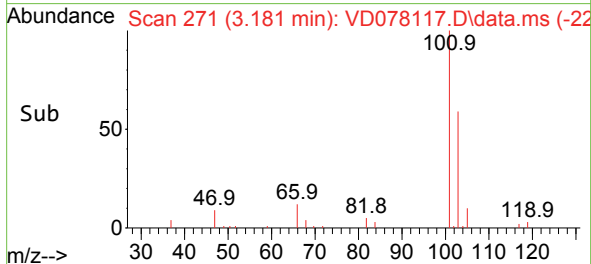
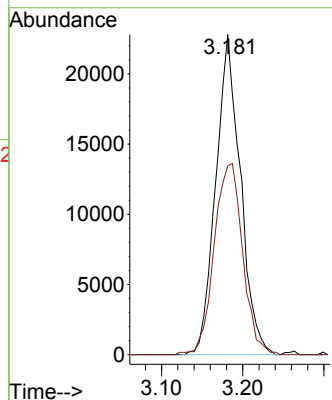
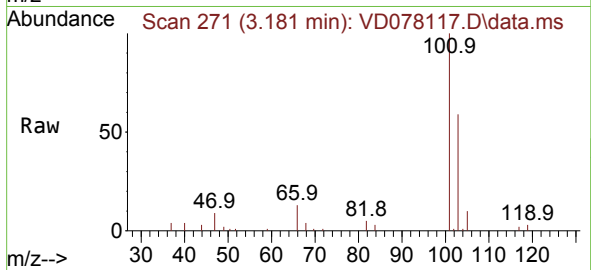




#7
Trichlorofluoromethane
Concen: 15.969 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

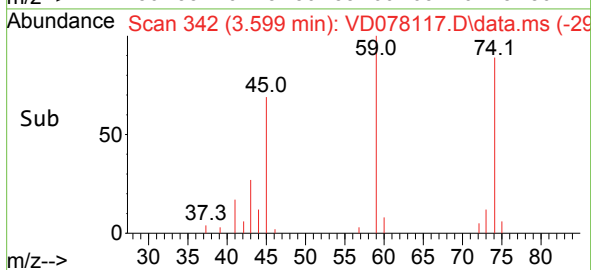
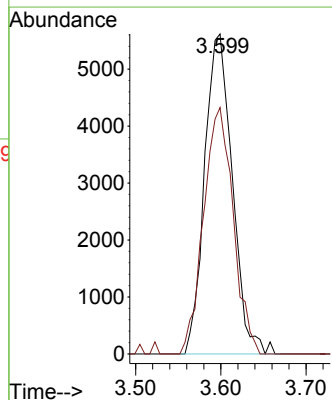
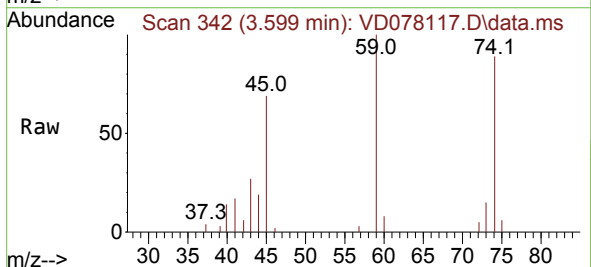
Instrument :
MSVOA_D
ClientSampleId :

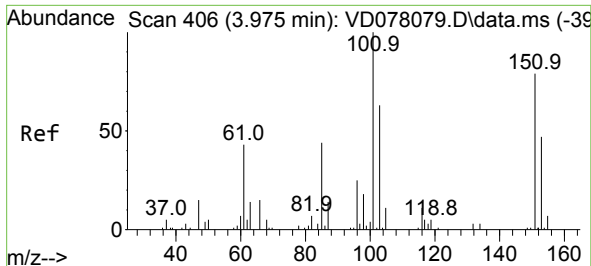
Tgt Ion:101 Resp: 48088
Ion Ratio Lower Upper
101 100
103 59.0 52.3 78.5



#8
Diethyl Ether
Concen: 15.381 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 74 Resp: 12701
Ion Ratio Lower Upper
74 100
45 82.3 37.5 112.7

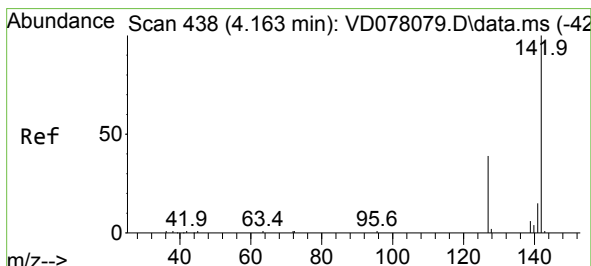
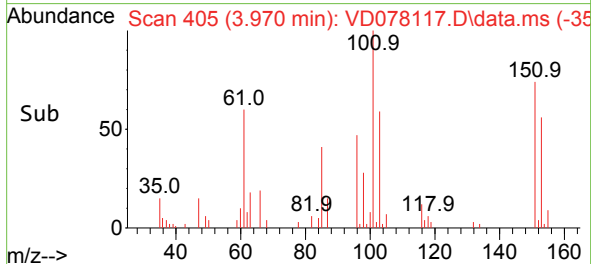
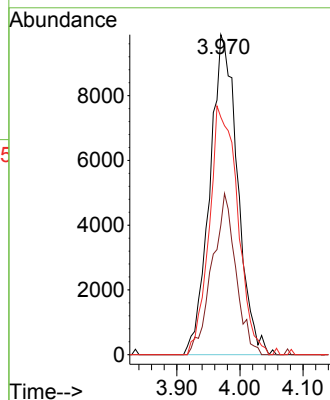
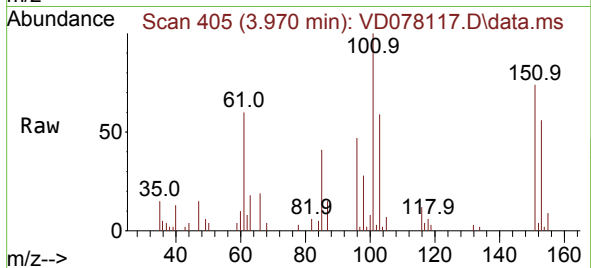




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.154 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

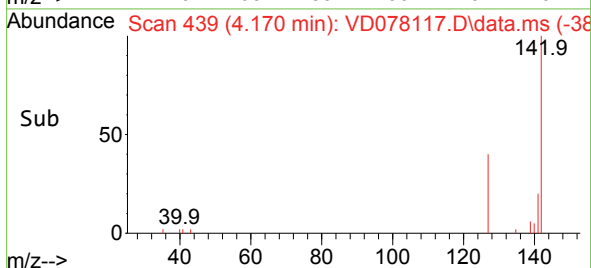
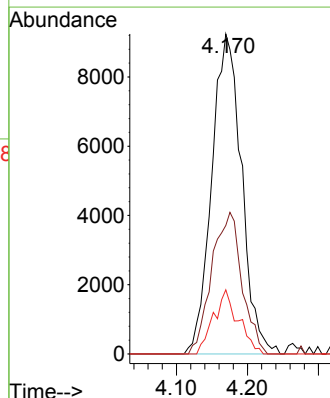
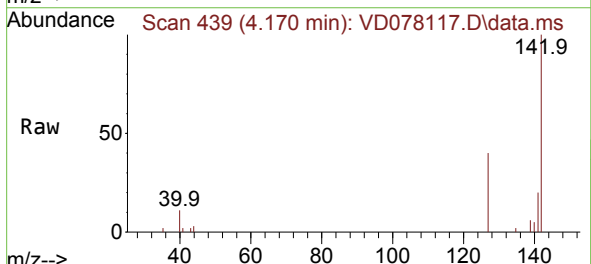
Instrument :
MSVOA_D
ClientSampleId :

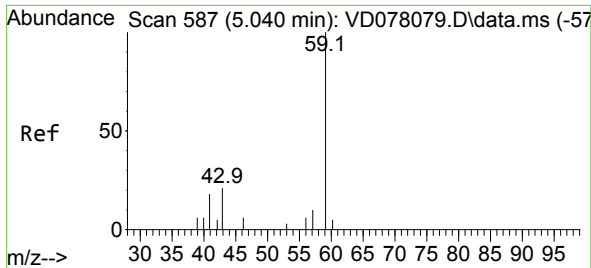
Tgt Ion:101 Resp: 30299
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 79.2 59.8 89.6



#10
Methyl Iodide
Concen: 15.284 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

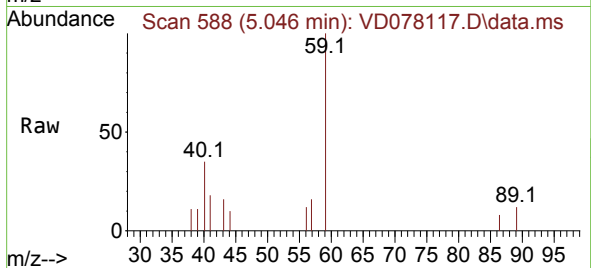
Tgt Ion:142 Resp: 26938
Ion Ratio Lower Upper
142 100
127 44.9 29.4 44.0#
141 16.7 11.1 16.7#



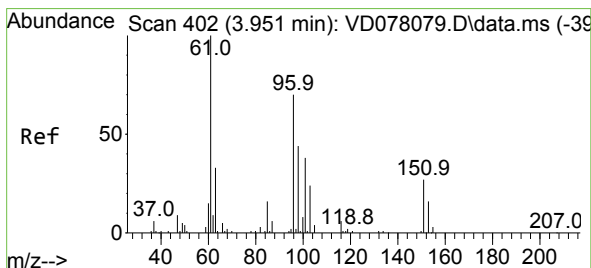
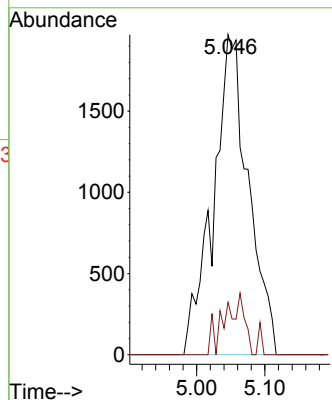
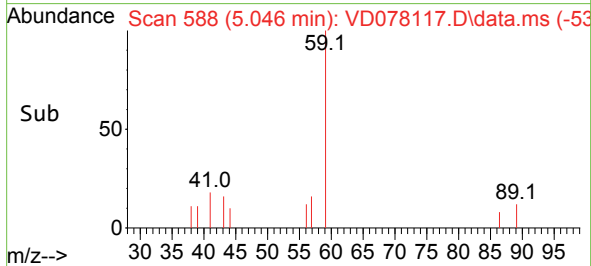


#11
Tert butyl alcohol
Concen: 84.270 ug/l
RT: 5.046 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

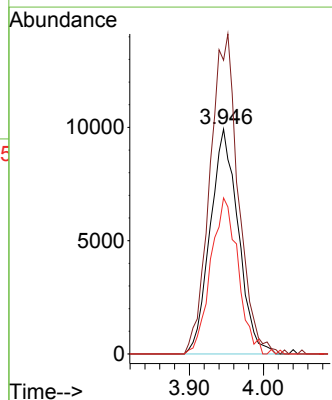
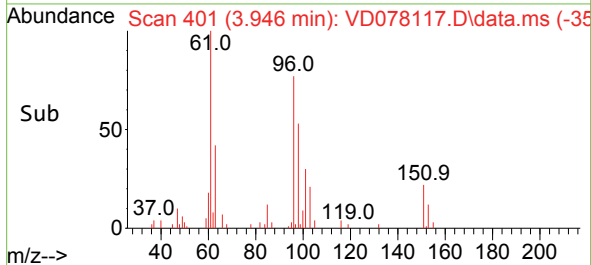
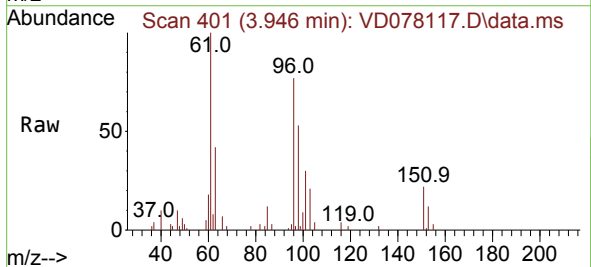


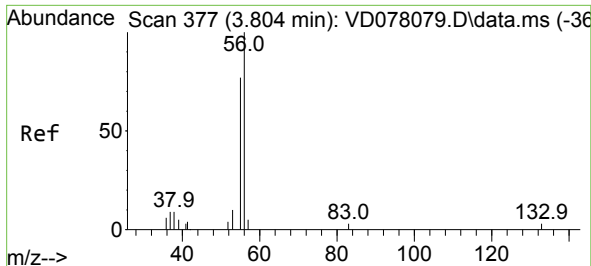
Tgt Ion: 59 Resp: 7070
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 15.717 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 96 Resp: 26083
Ion Ratio Lower Upper
96 100
61 130.6 100.6 150.8
98 69.4 50.2 75.2

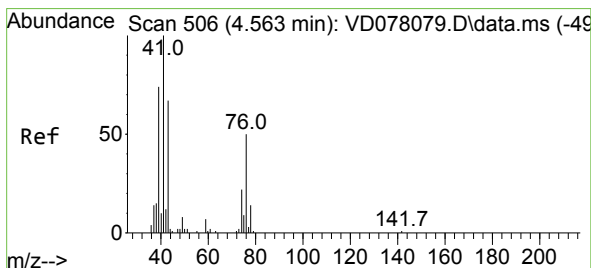
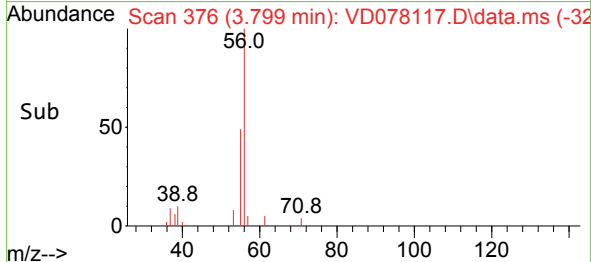
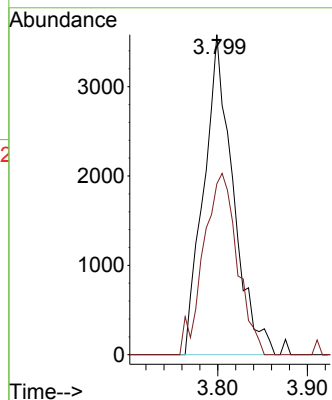
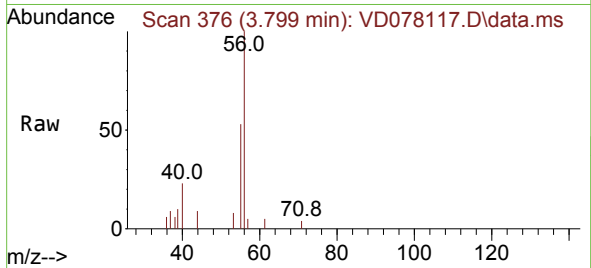




#13
Acrolein
Concen: 98.278 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

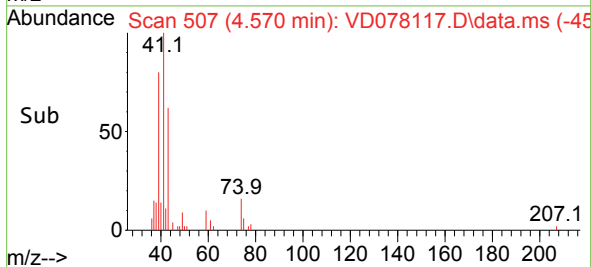
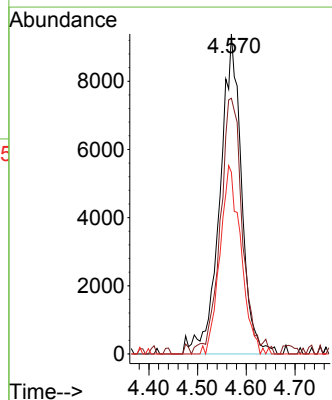
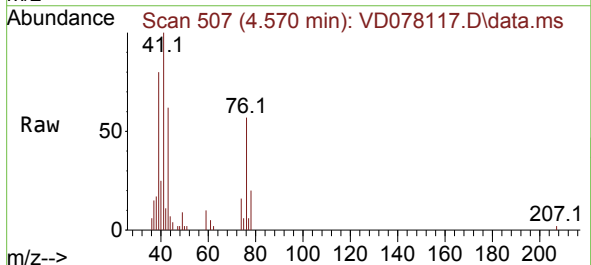
Instrument :
MSVOA_D
ClientSampleId :

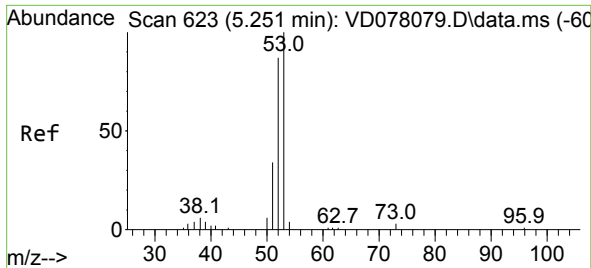
Tgt Ion: 56 Resp: 8088
Ion Ratio Lower Upper
56 100
55 65.6 55.1 82.7



#14
Allyl chloride
Concen: 14.474 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 41 Resp: 29034
Ion Ratio Lower Upper
41 100
39 81.6 53.8 80.6#
76 56.9 45.8 68.8

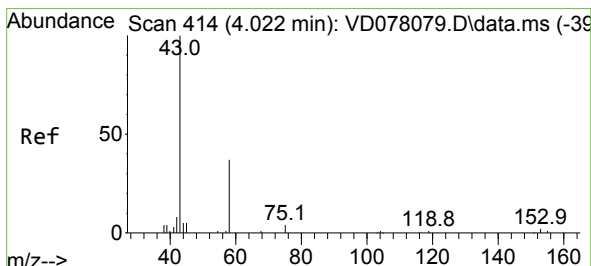
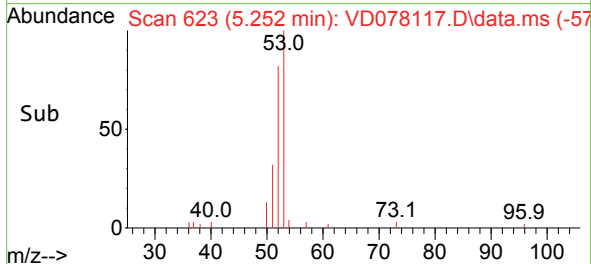
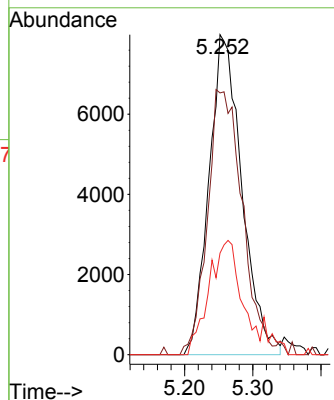
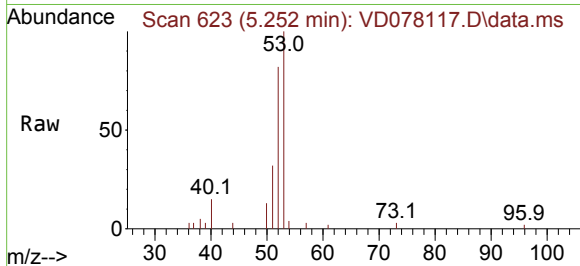




#15
Acrylonitrile
Concen: 77.465 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

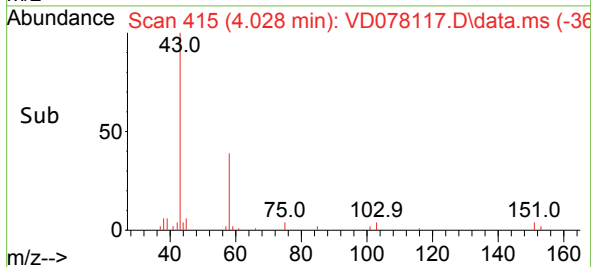
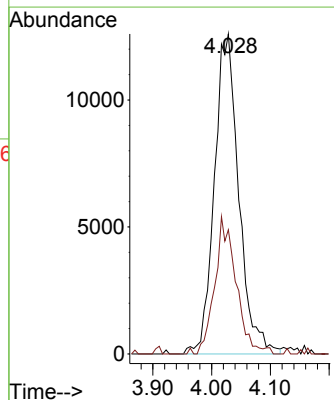
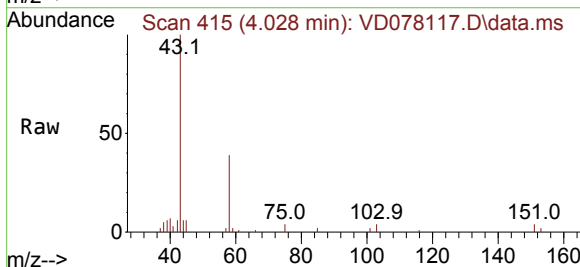
Instrument :
MSVOA_D
ClientSampleId :

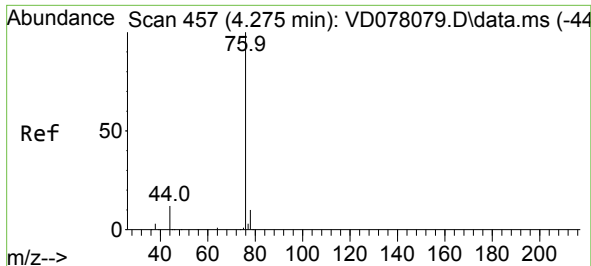
Tgt Ion:	53	Resp:	26758
Ion	Ratio	Lower	Upper
53	100		
52	88.3	65.0	97.4
51	35.3	28.3	42.5



#16
Acetone
Concen: 96.851 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion:	43	Resp:	36324
Ion	Ratio	Lower	Upper
43	100		
58	38.8	34.7	52.1

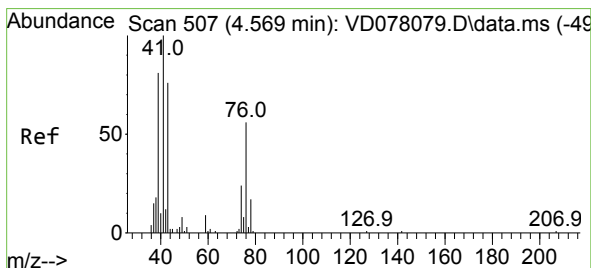
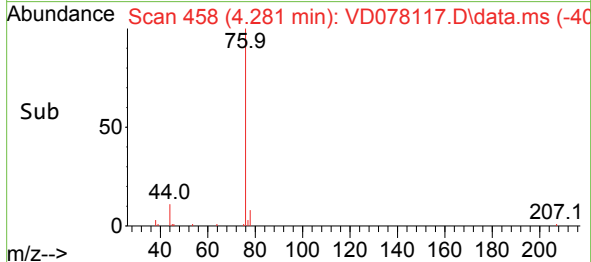
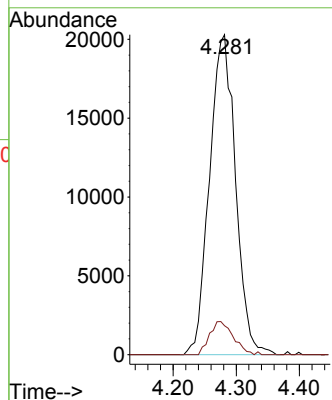
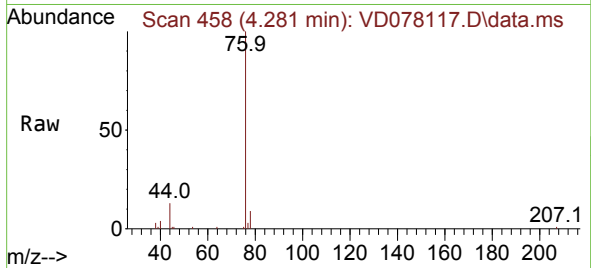




#17
Carbon Disulfide
Concen: 14.161 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

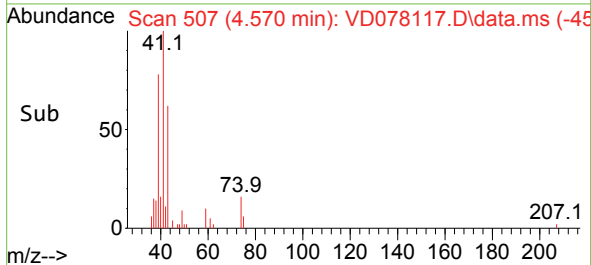
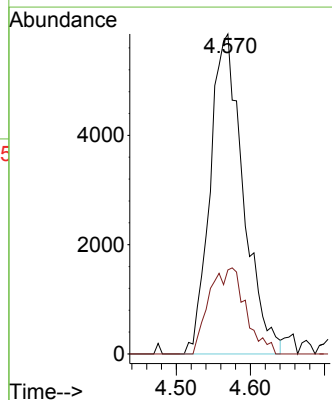
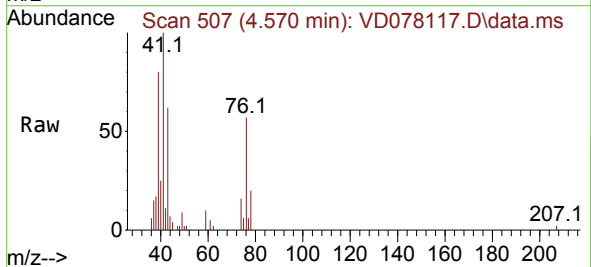
Instrument :
MSVOA_D
ClientSampleId :

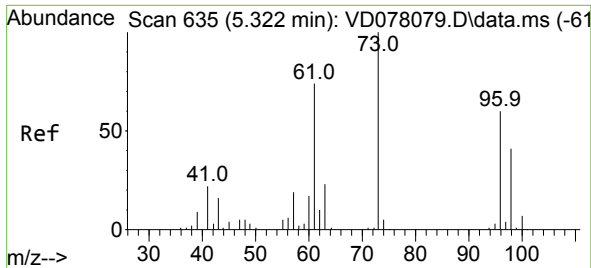
Tgt Ion: 76 Resp: 58070
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 14.220 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 43 Resp: 18210
Ion Ratio Lower Upper
43 100
74 29.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 16.728 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

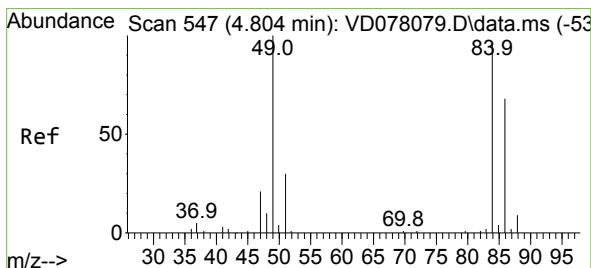
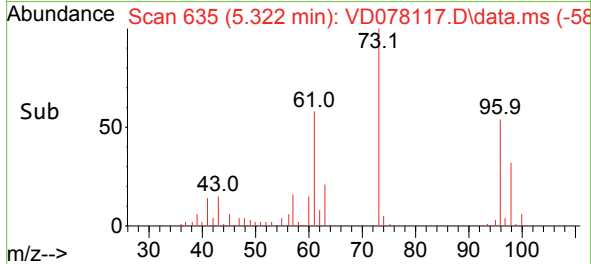
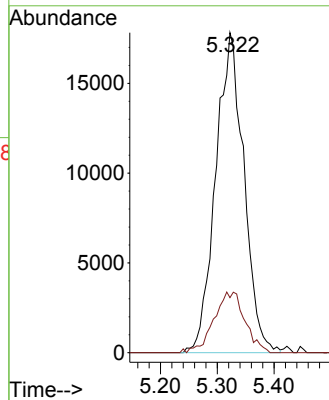
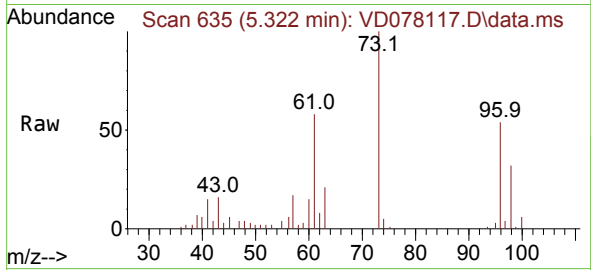
ClientSampleId :

Tgt Ion: 73 Resp: 61443

Ion Ratio Lower Upper

73 100

57 17.2 16.6 25.0



#20

Methylene Chloride

Concen: 17.865 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.007 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Tgt Ion: 84 Resp: 38126

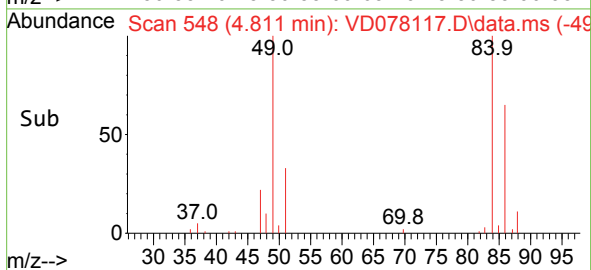
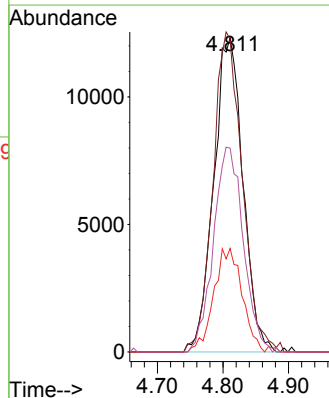
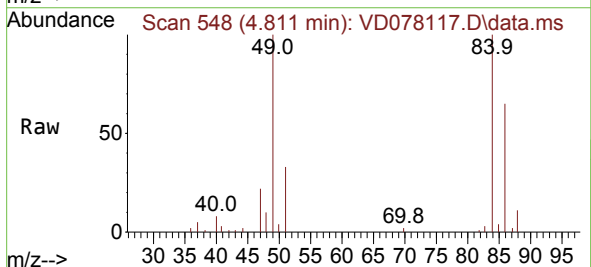
Ion Ratio Lower Upper

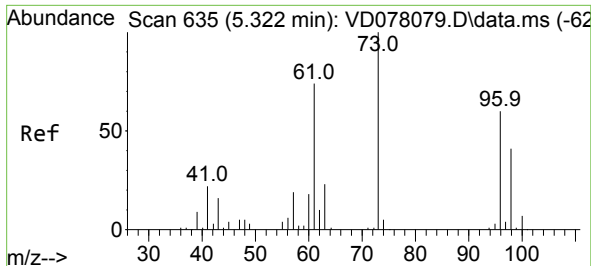
84 100

49 99.6 71.4 107.2

51 33.0 24.5 36.7

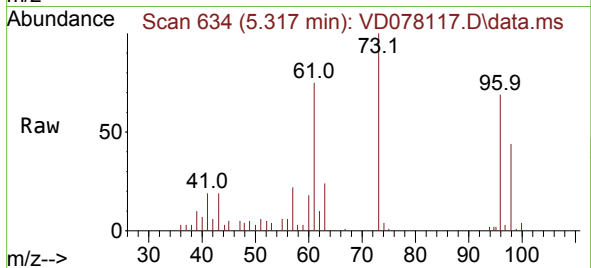
86 64.9 48.7 73.1



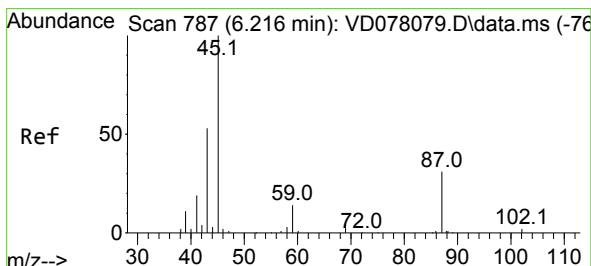
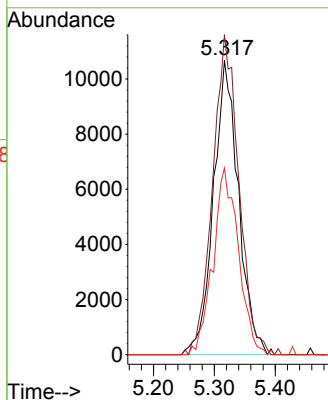
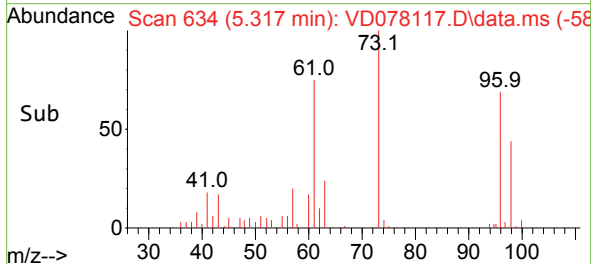


#21
trans-1,2-Dichloroethene
Concen: 15.996 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

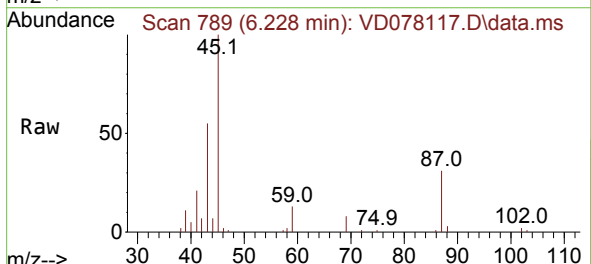
Instrument :
MSVOA_D
ClientSampleId :



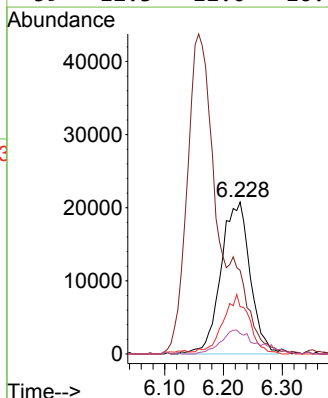
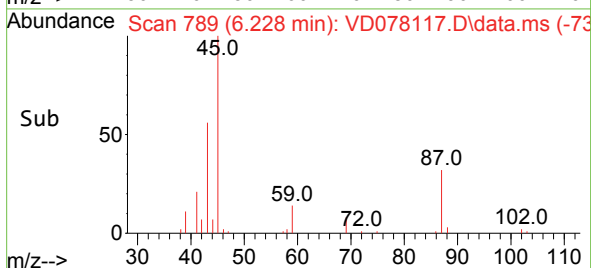
Tgt Ion: 96 Resp: 30515
Ion Ratio Lower Upper
96 100
61 108.7 89.3 133.9
98 63.4 48.6 73.0

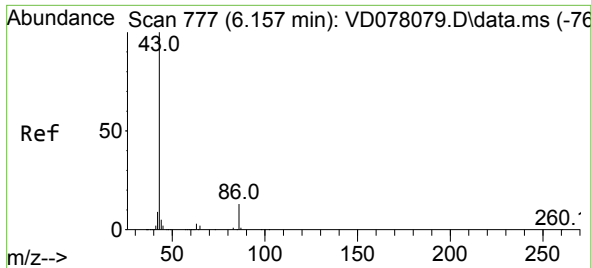


#22
Diisopropyl ether
Concen: 15.989 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12



Tgt Ion: 45 Resp: 71641
Ion Ratio Lower Upper
45 100
43 52.7 40.0 60.0
87 30.2 28.2 42.4
59 12.3 11.0 16.4

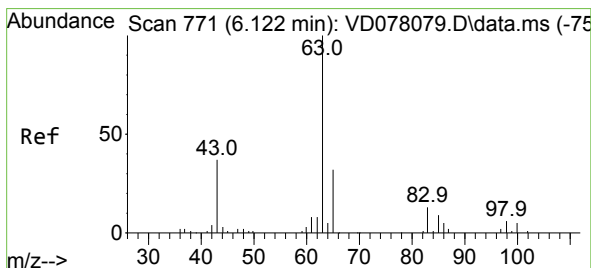
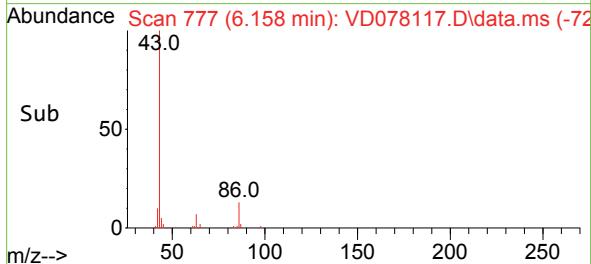
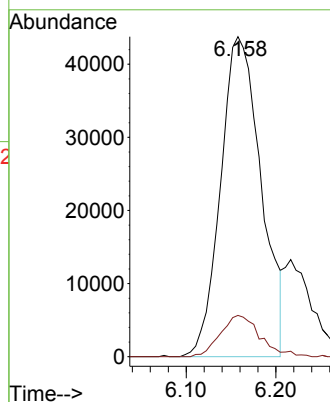
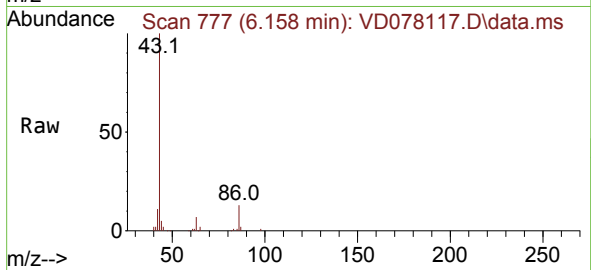




#23
 Vinyl Acetate
 Concen: 80.231 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

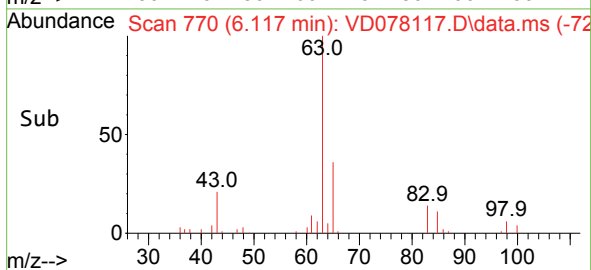
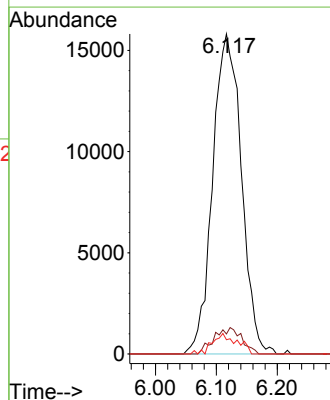
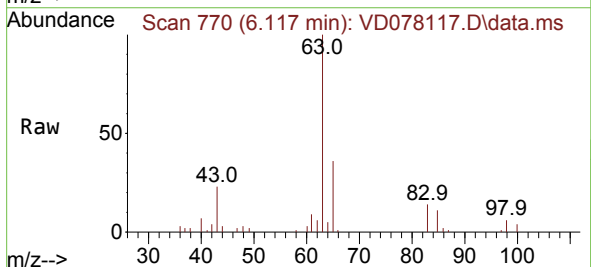
Instrument :
 MSVOA_D
 ClientSampleId :

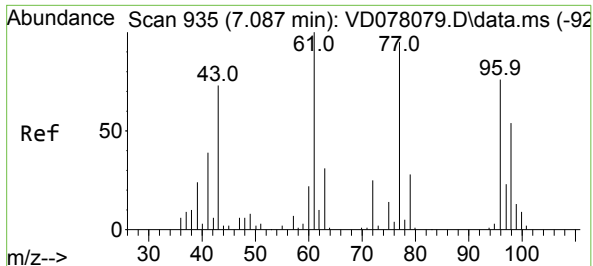
Tgt Ion: 43 Resp: 137434
 Ion Ratio Lower Upper
 43 100
 86 12.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 15.605 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. -0.005 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

Tgt Ion: 63 Resp: 51745
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 4.4 2.5 7.5

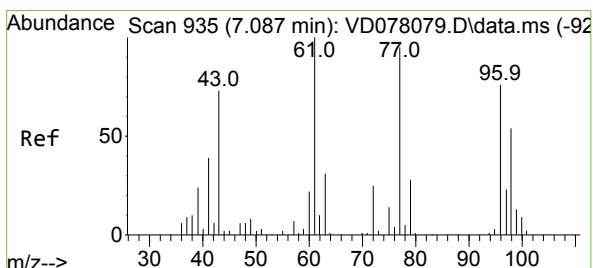
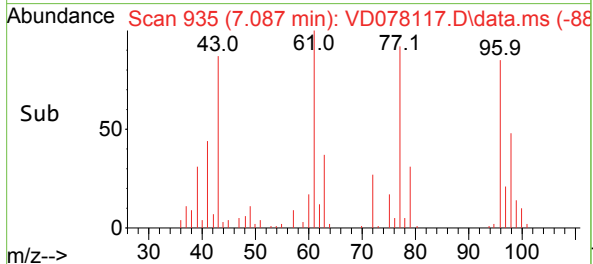
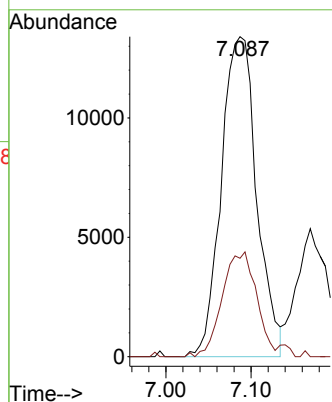
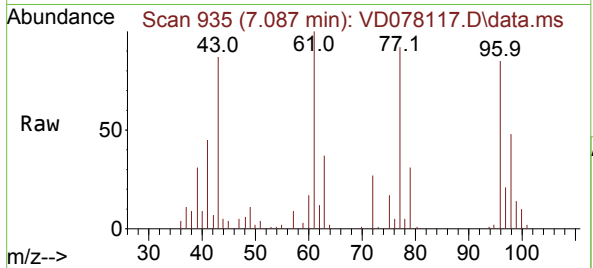




#25
2-Butanone
Concen: 85.346 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

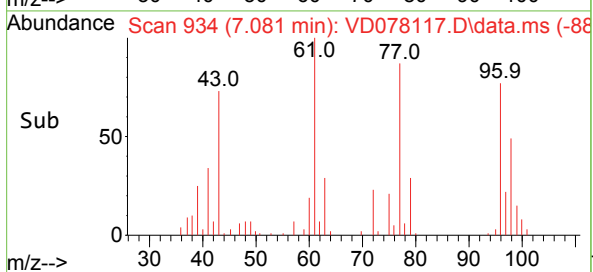
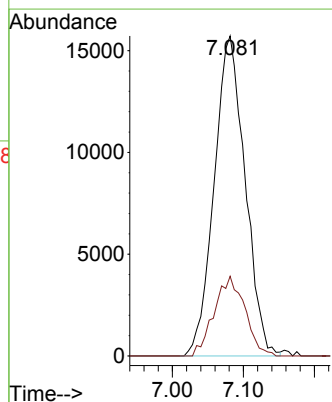
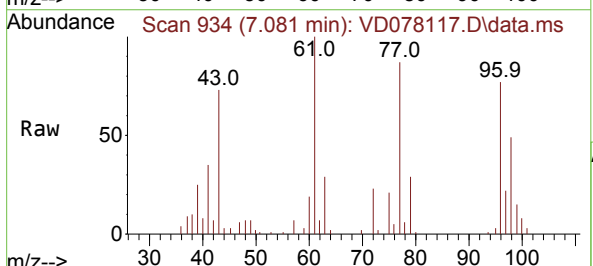
Instrument :
MSVOA_D
ClientSampleId :

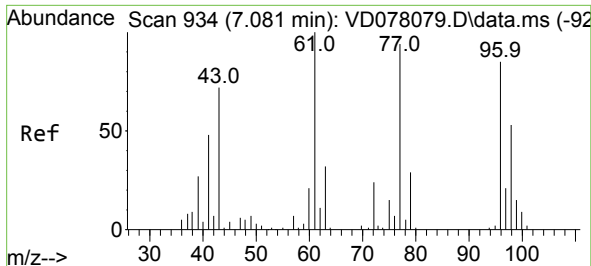
Tgt Ion: 43 Resp: 38726
Ion Ratio Lower Upper
43 100
72 30.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 15.953 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 77 Resp: 47524
Ion Ratio Lower Upper
77 100
97 24.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 16.213 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

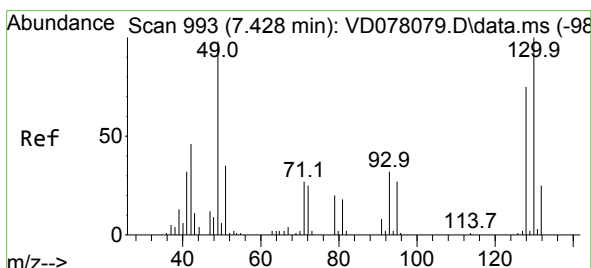
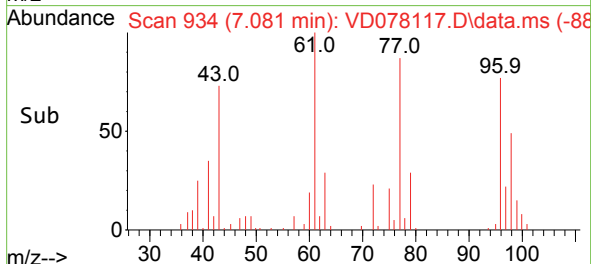
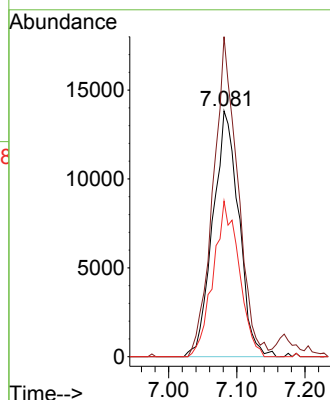
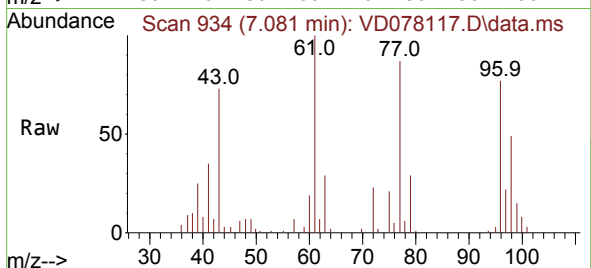
Tgt Ion: 96 Resp: 36695

Ion Ratio Lower Upper

96 100

61 123.3 0.0 239.2

98 63.2 0.0 128.6



#28

Bromochloromethane

Concen: 16.011 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

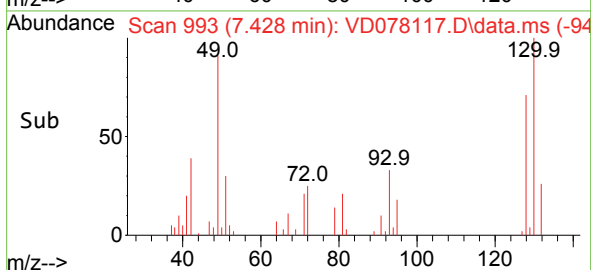
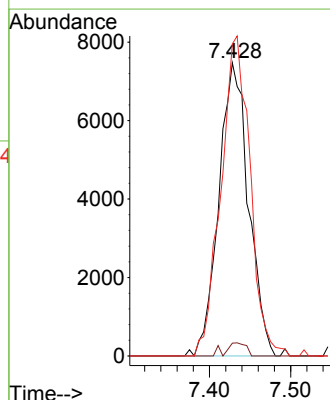
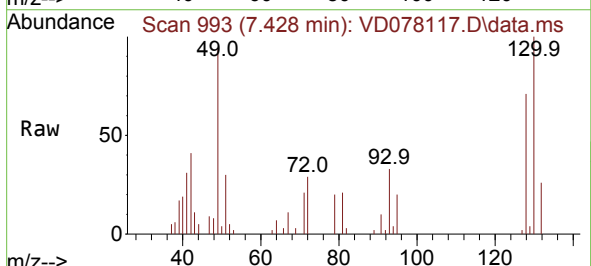
Tgt Ion: 49 Resp: 18994

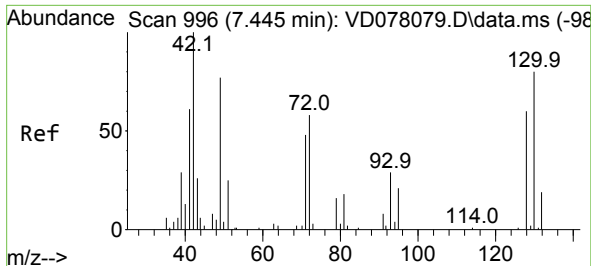
Ion Ratio Lower Upper

49 100

129 2.6 0.0 6.0

130 107.5 83.2 124.8

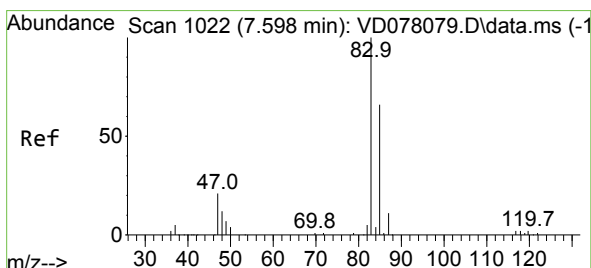
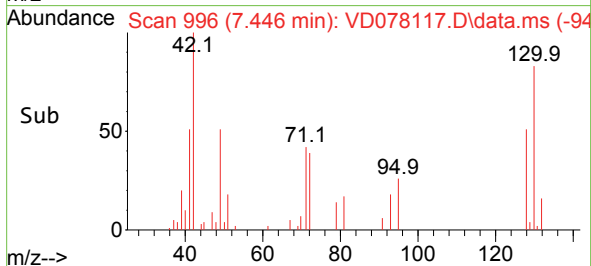
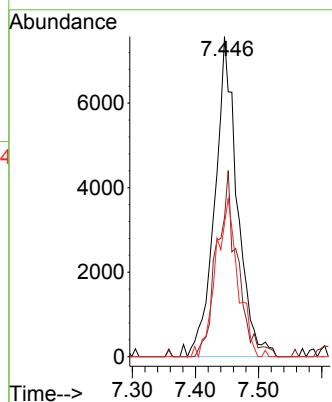
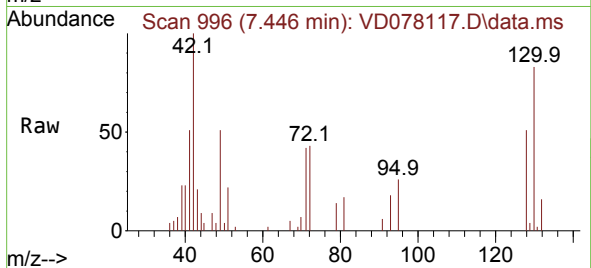




#29
Tetrahydrofuran
Concen: 77.614 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

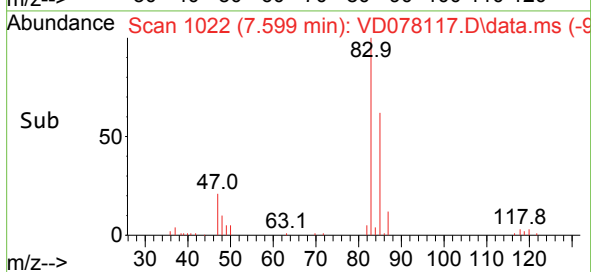
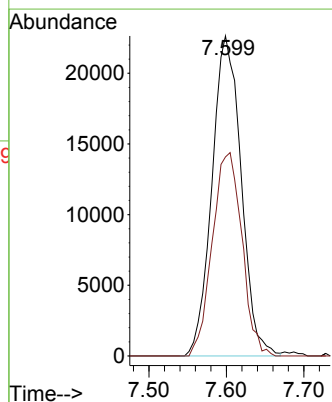
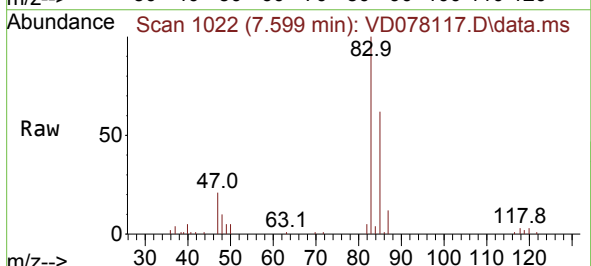
Instrument :
MSVOA_D
ClientSampleId :

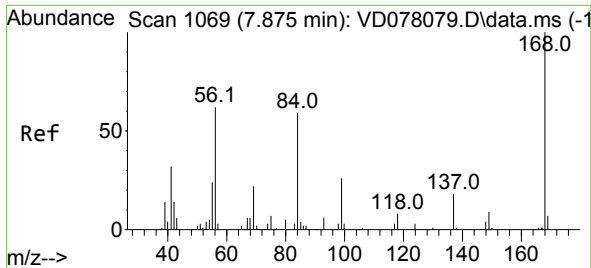
Tgt Ion: 42 Resp: 18774
Ion Ratio Lower Upper
42 100
72 53.7 46.5 69.7
71 48.6 44.5 66.7



#30
Chloroform
Concen: 16.474 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

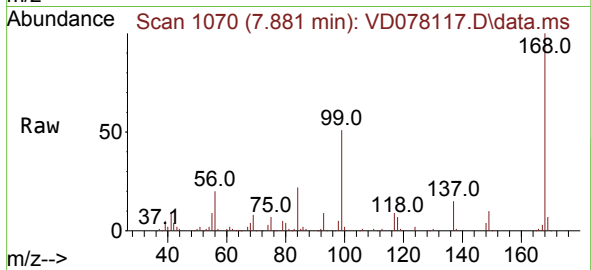
Tgt Ion: 83 Resp: 59199
Ion Ratio Lower Upper
83 100
85 62.2 53.4 80.2



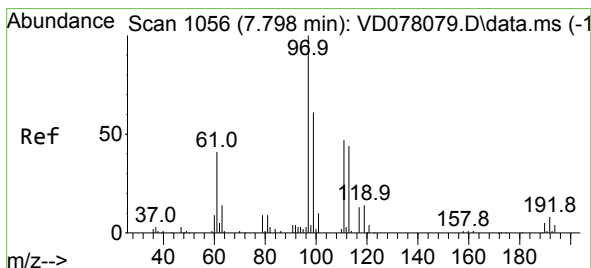
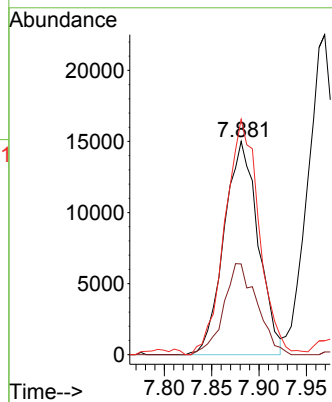
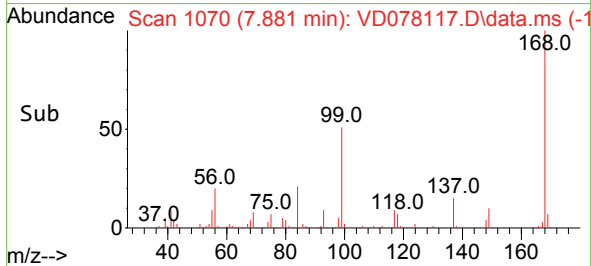


#31
Cyclohexane
Concen: 15.086 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

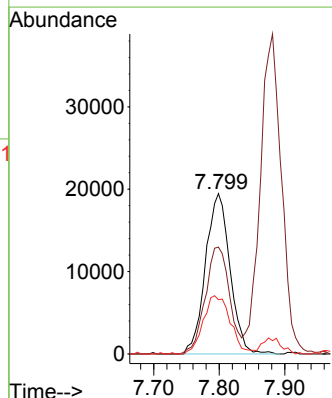
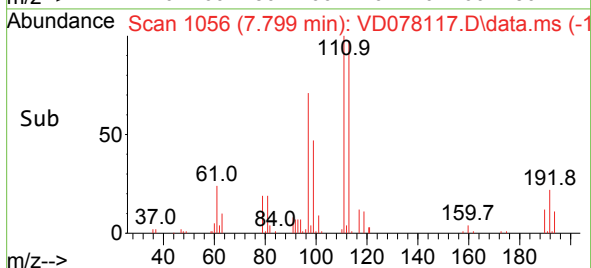
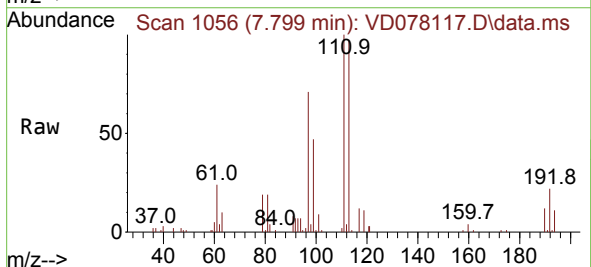


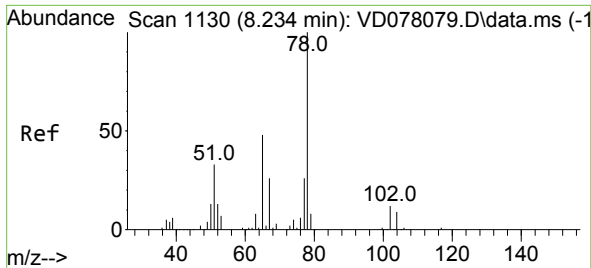
Tgt Ion: 56 Resp: 37606
Ion Ratio Lower Upper
56 100
69 42.5 28.6 43.0
84 108.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 16.367 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 97 Resp: 50545
Ion Ratio Lower Upper
97 100
99 66.1 52.0 78.0
61 40.1 33.8 50.8

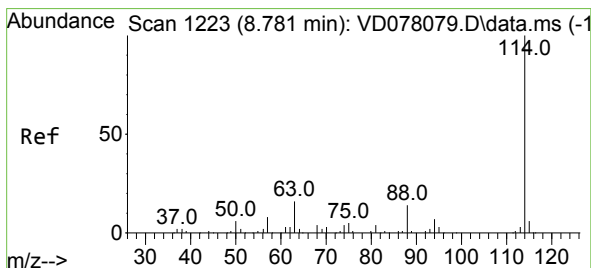
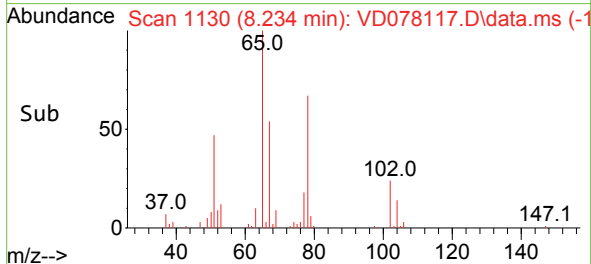
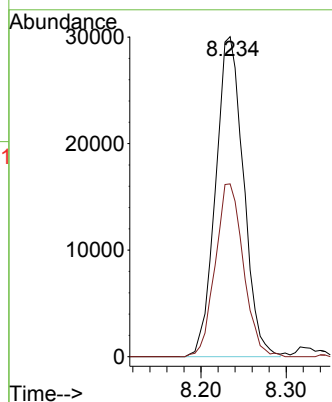
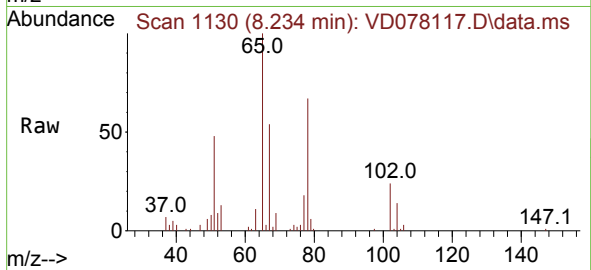




#33
1,2-Dichloroethane-d4
Concen: 43.636 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

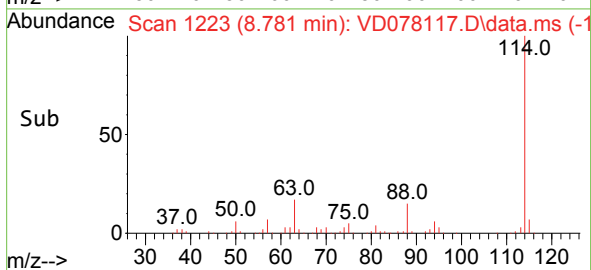
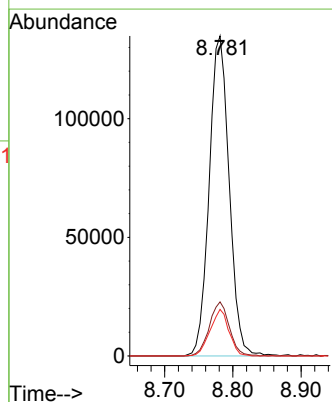
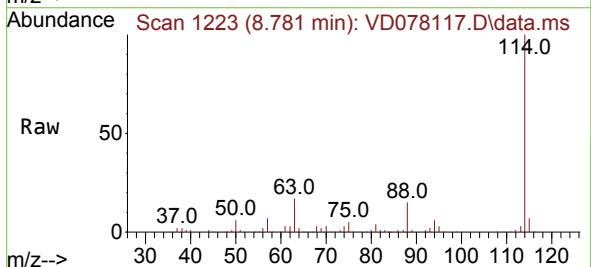
Instrument :
MSVOA_D
ClientSampleId :

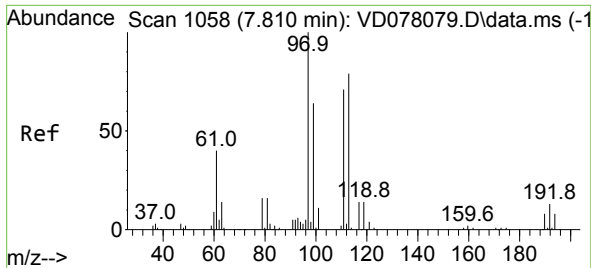
Tgt Ion: 65 Resp: 68184
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

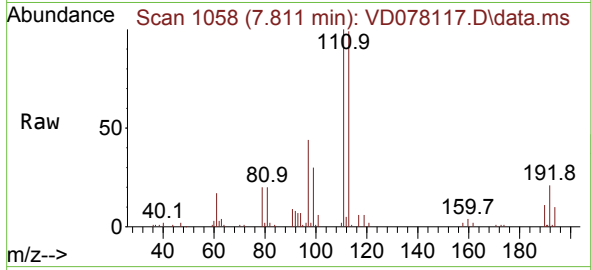
Tgt Ion:114 Resp: 275255
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 14.6 0.0 26.2



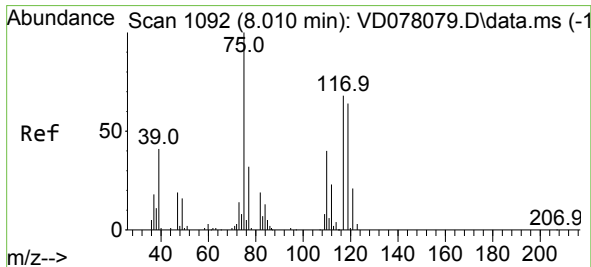
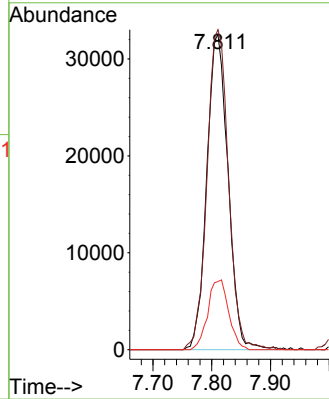
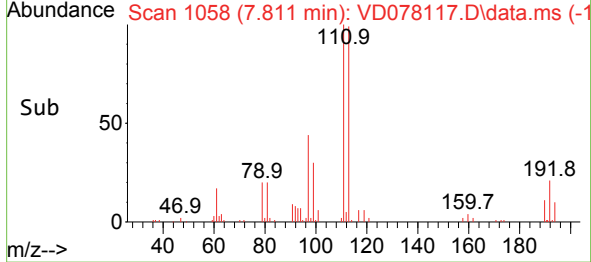


#35
Dibromofluoromethane
Concen: 46.240 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

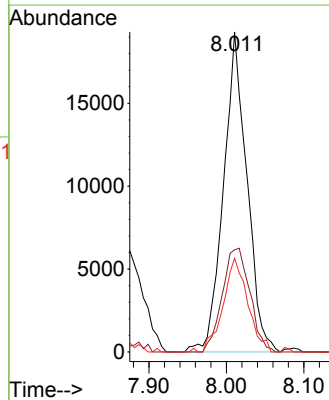
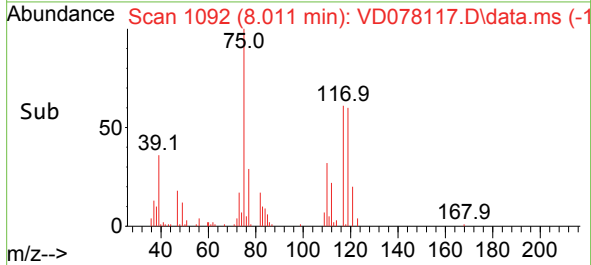
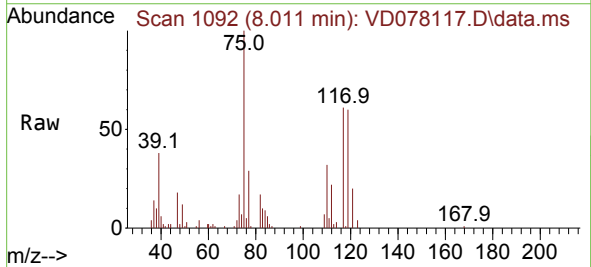


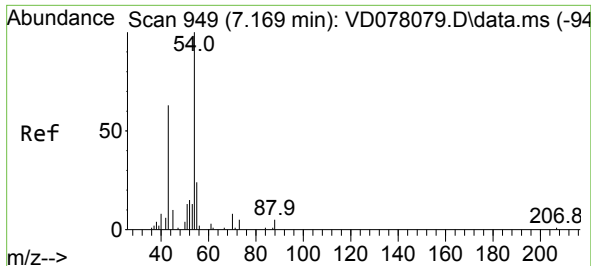
Tgt Ion:113 Resp: 81895
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 21.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 16.265 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

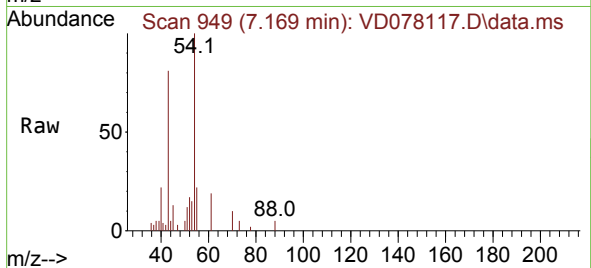
Tgt Ion: 75 Resp: 40532
Ion Ratio Lower Upper
75 100
110 38.2 19.9 59.6
77 30.9 24.7 37.1



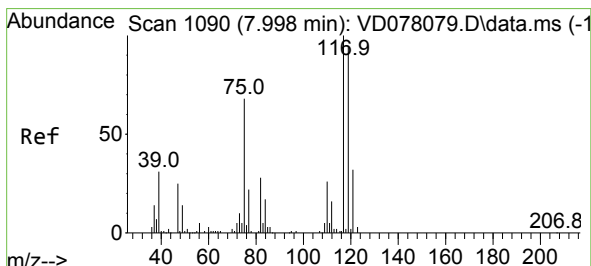
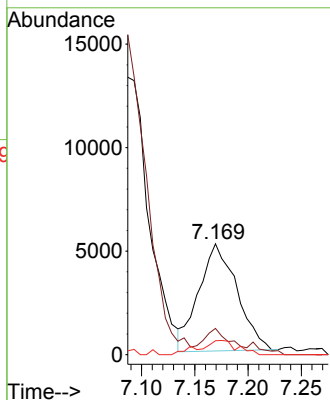
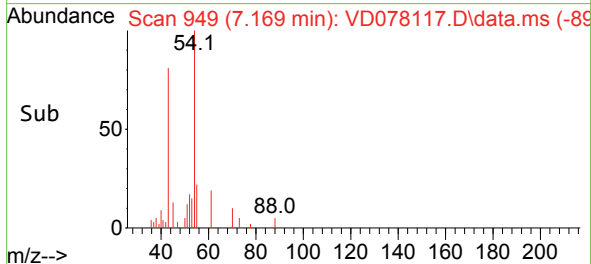


#37
Ethyl Acetate
Concen: 15.542 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

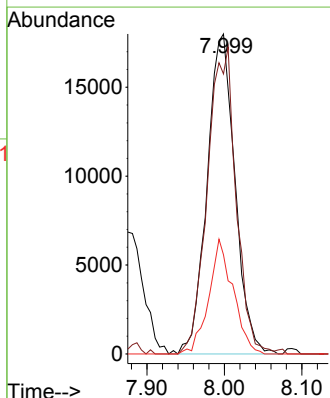
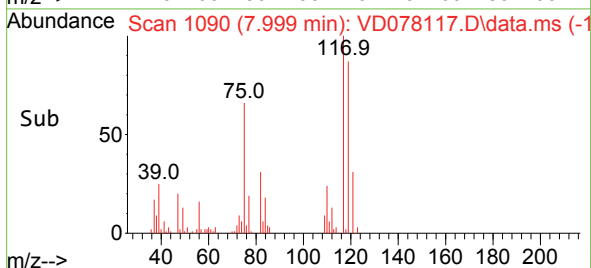
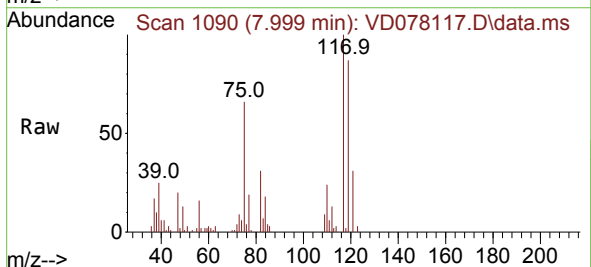


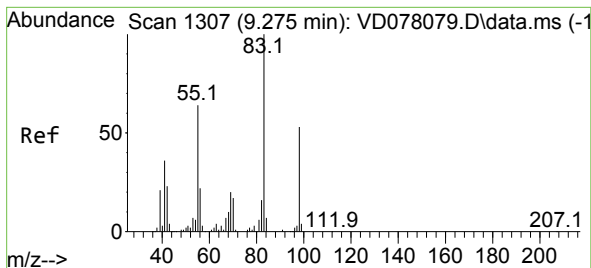
Tgt Ion: 43 Resp: 12881
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 13.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 16.691 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 117 Resp: 45070
Ion Ratio Lower Upper
117 100
119 87.5 78.0 117.0
121 31.0 24.2 36.2

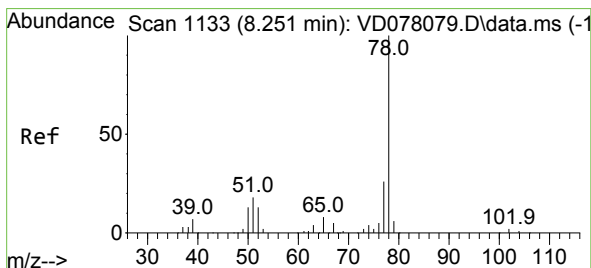
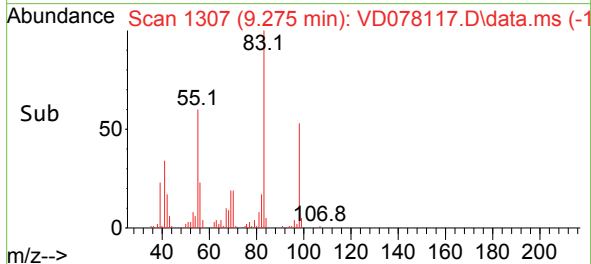
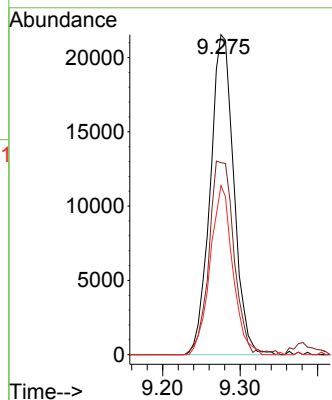
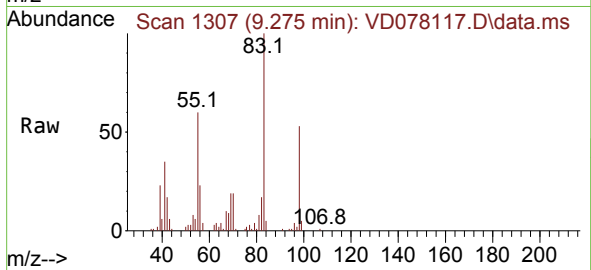




#39
Methylcyclohexane
Concen: 15.914 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

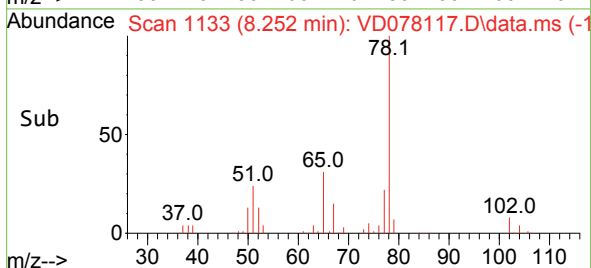
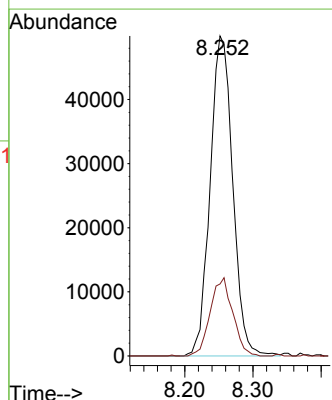
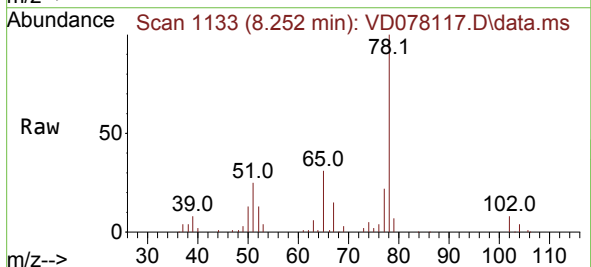
Instrument :
MSVOA_D
ClientSampleId :

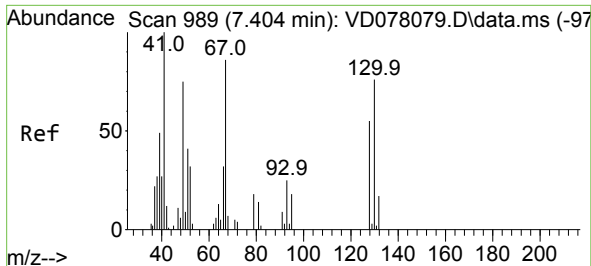
Tgt Ion:	83	Resp:	45467
Ion	Ratio	Lower	Upper
83	100		
55	60.0	49.4	74.0
98	52.9	38.4	57.6



#40
Benzene
Concen: 16.067 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

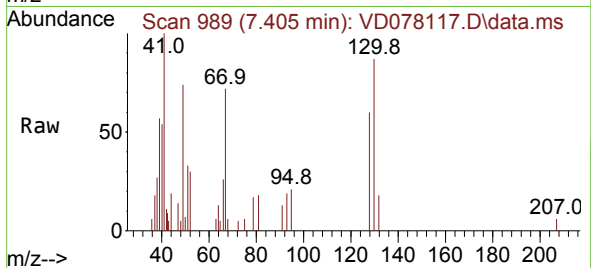
Tgt Ion:	78	Resp:	115399
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.4	29.0



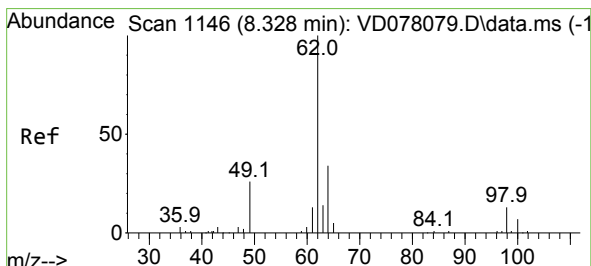
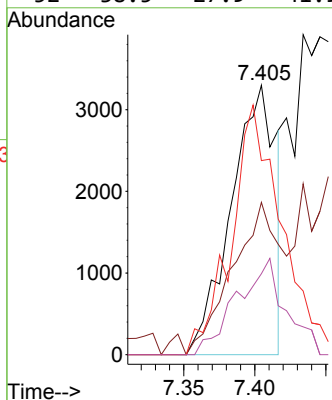
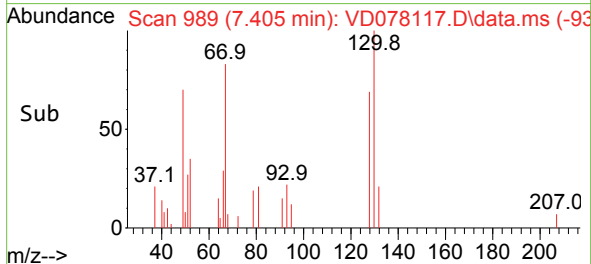


#41
Methacrylonitrile
Concen: 13.812 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

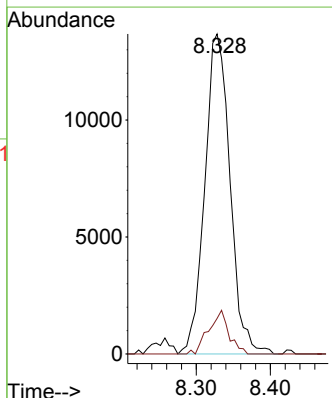
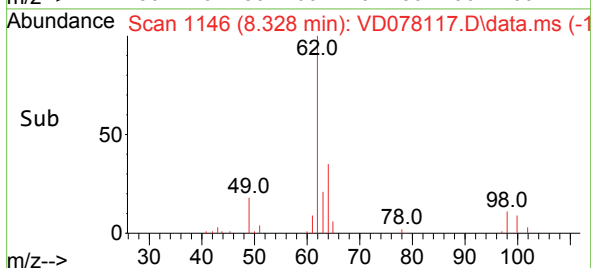
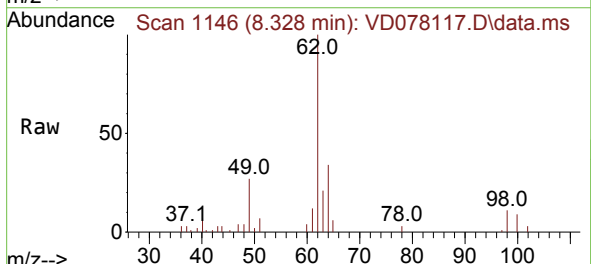


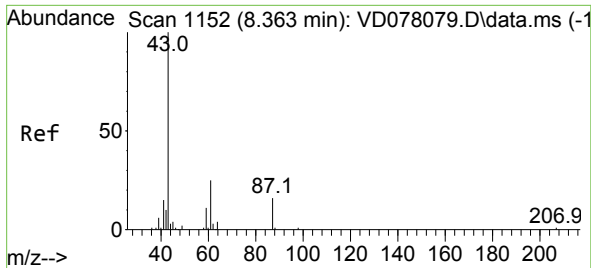
Tgt Ion:	41	Resp:	7242
Ion	Ratio	Lower	Upper
41	100		
39	60.7	34.0	51.0#
67	103.3	77.0	115.4
52	38.5	27.9	41.9



#42
1,2-Dichloroethane
Concen: 16.664 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

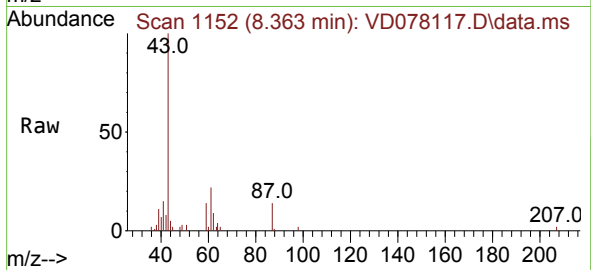
Tgt Ion:	62	Resp:	32345
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	25.4



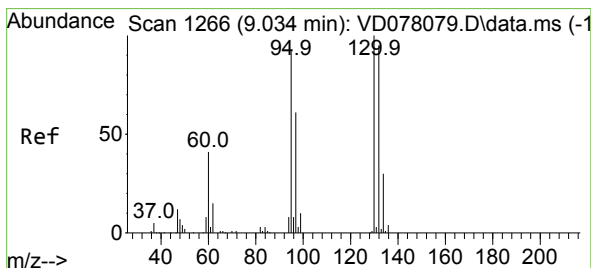
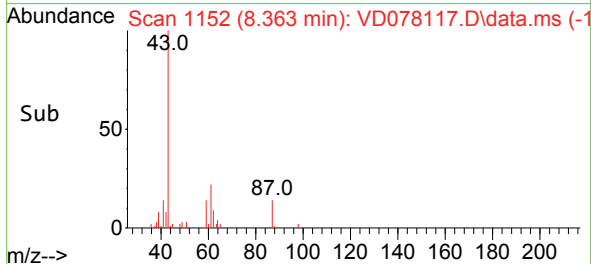
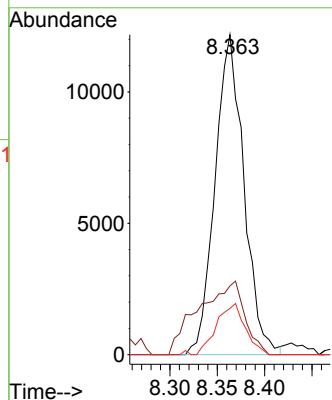


#43
Isopropyl Acetate
Concen: 15.552 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

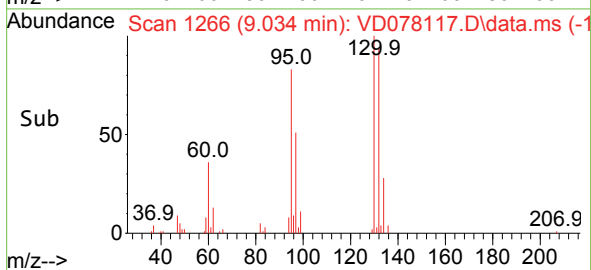
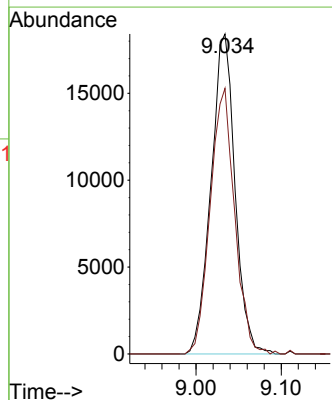
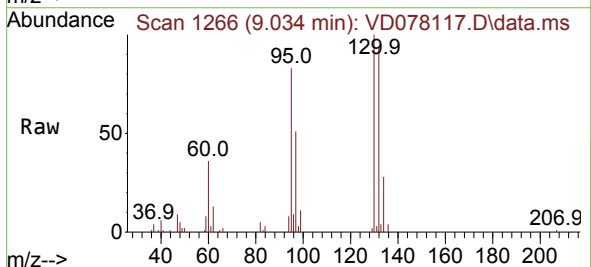


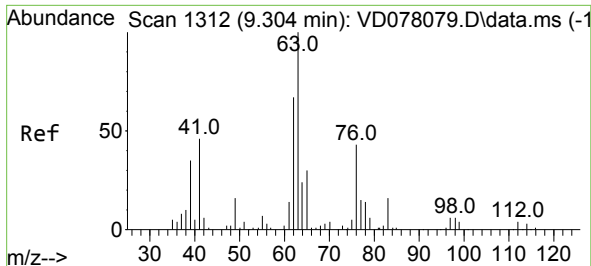
Tgt Ion: 43 Resp: 25806
Ion Ratio Lower Upper
43 100
61 36.6 31.4 47.0
87 15.9 14.9 22.3



#44
Trichloroethene
Concen: 17.473 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion:130 Resp: 36106
Ion Ratio Lower Upper
130 100
95 83.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 16.262 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

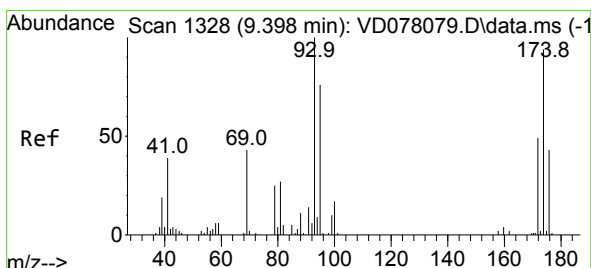
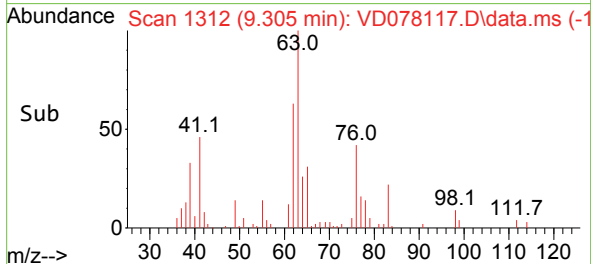
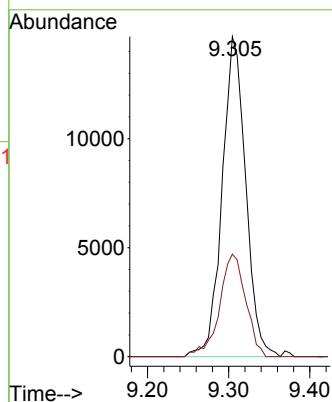
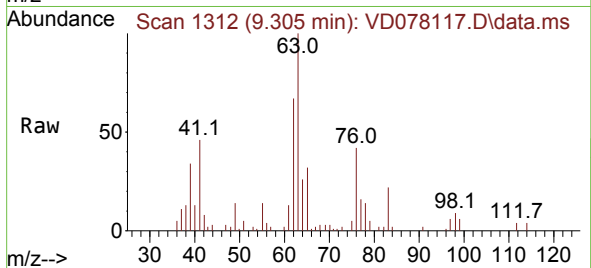
ClientSampleId :

Tgt Ion: 63 Resp: 29596

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 17.023 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

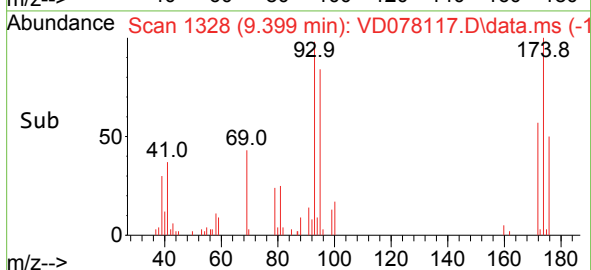
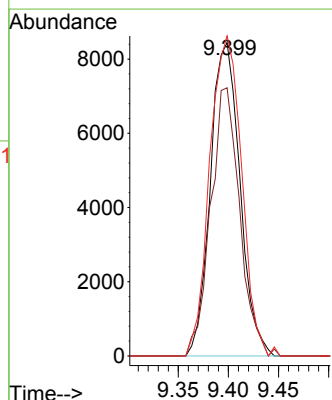
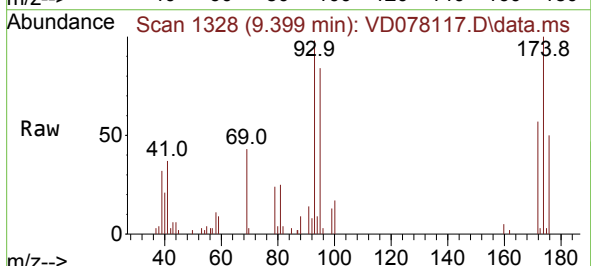
Tgt Ion: 93 Resp: 17352

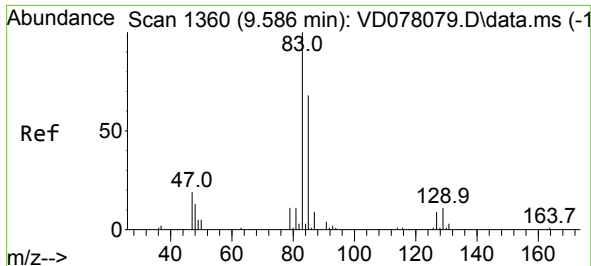
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 109.9 85.4 128.2





#47

Bromodichloromethane

Concen: 16.634 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078117.D

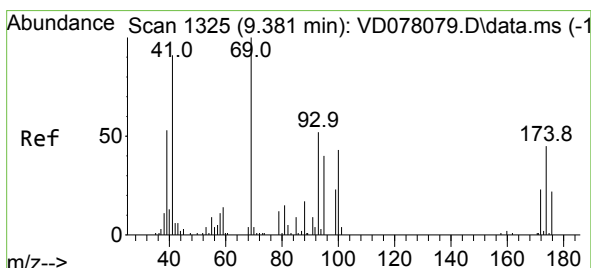
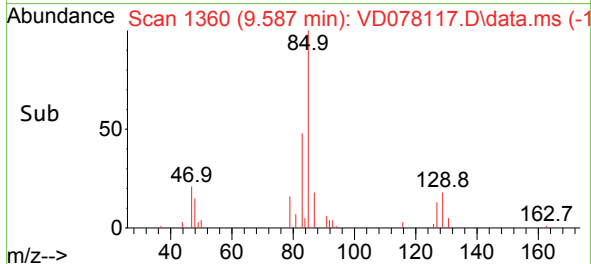
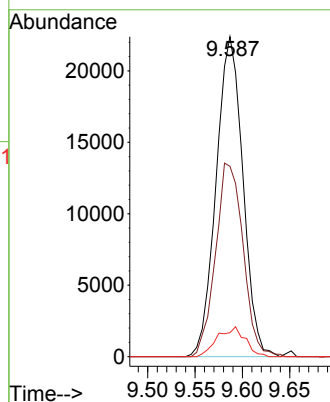
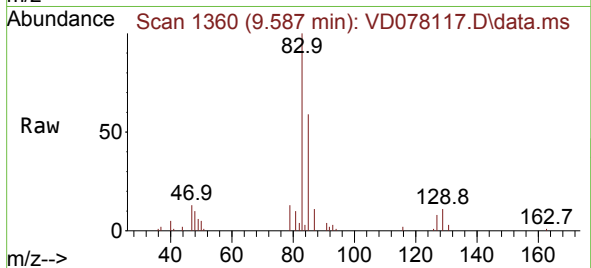
Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 44045
Ion Ratio	Lower Upper
83	100
85	59.5 50.2 75.4
127	7.5 6.3 9.5



#48

Methyl methacrylate

Concen: 16.149 ug/l

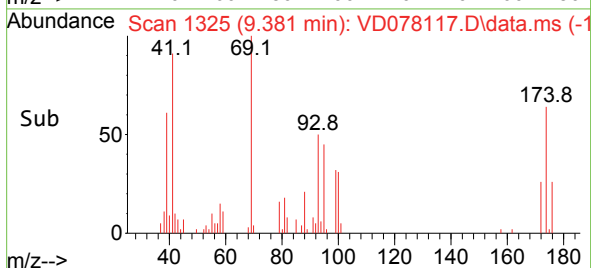
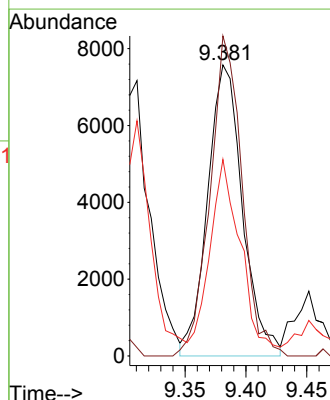
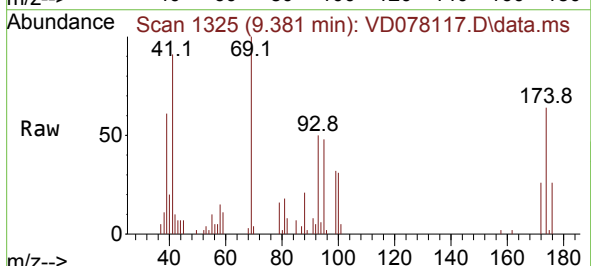
RT: 9.381 min Scan# 1325

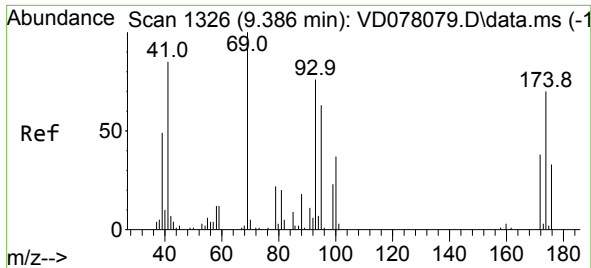
Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

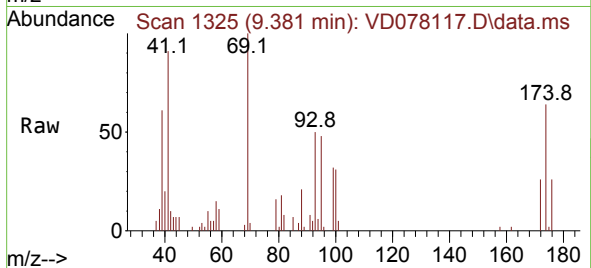
Tgt Ion: 41	Resp: 15102
Ion Ratio	Lower Upper
41	100
69	100.5 102.2 153.2#
39	60.4 41.4 62.2



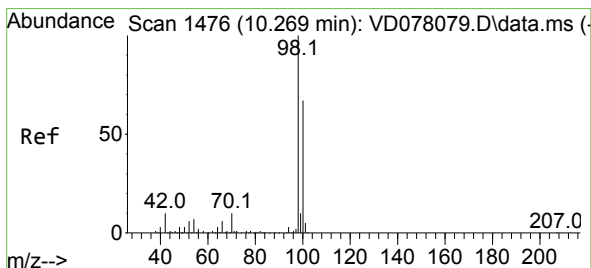
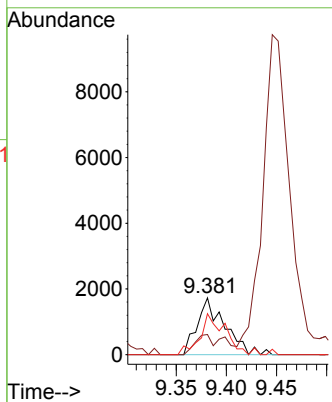
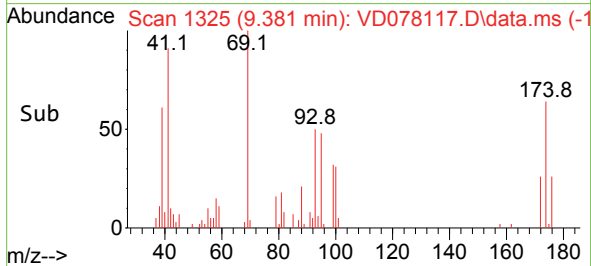


#49
1,4-Dioxane
Concen: 343.911 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

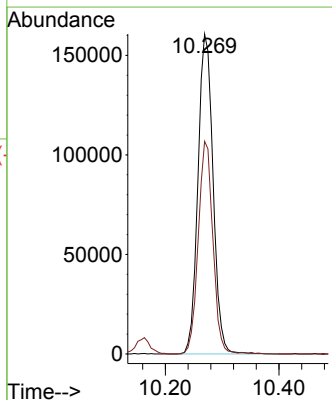
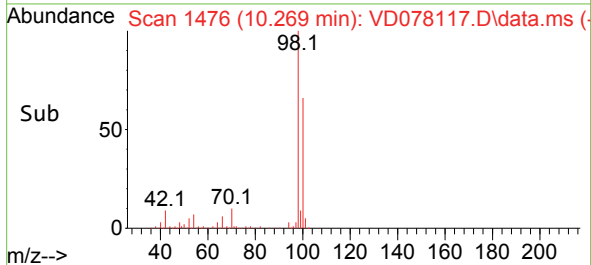
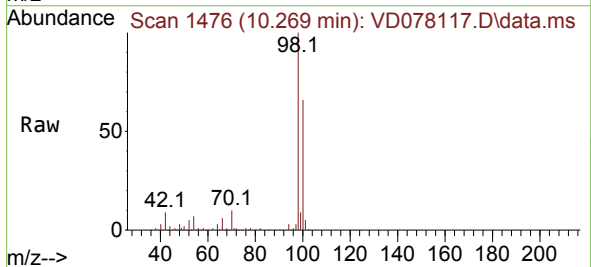


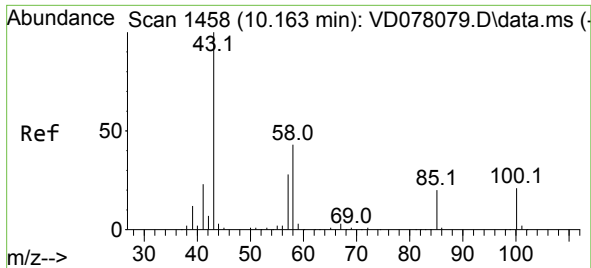
Tgt Ion: 88 Resp: 3314
Ion Ratio Lower Upper
88 100
43 21.7 19.0 28.6
58 64.3 43.5 65.3



#50
Toluene-d8
Concen: 47.618 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 98 Resp: 296747
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5

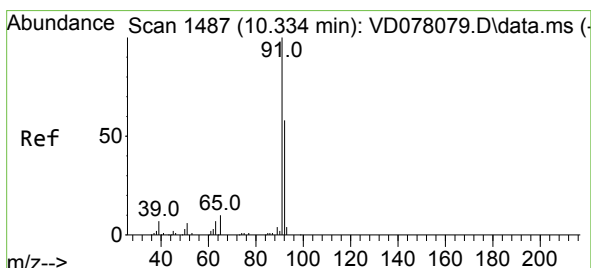
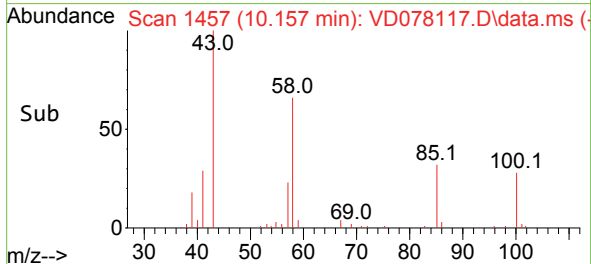
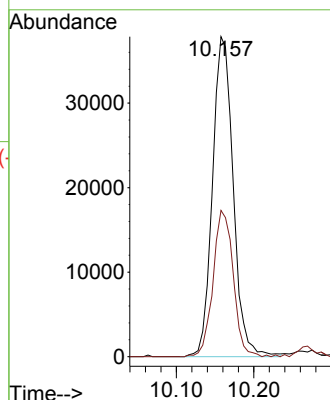
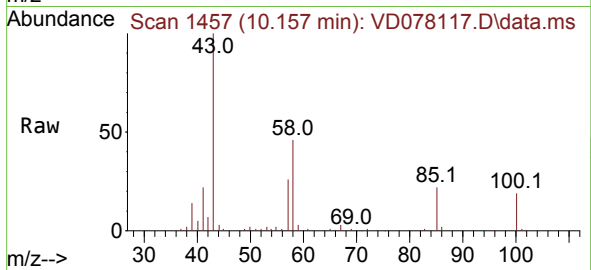




#51
4-Methyl-2-Pentanone
Concen: 82.745 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

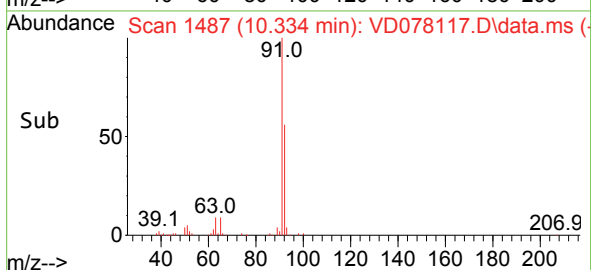
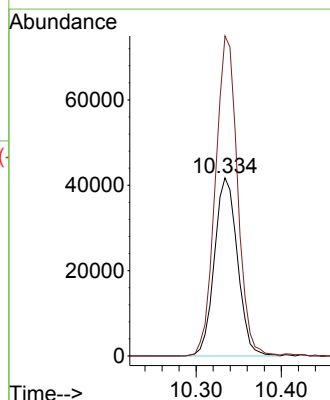
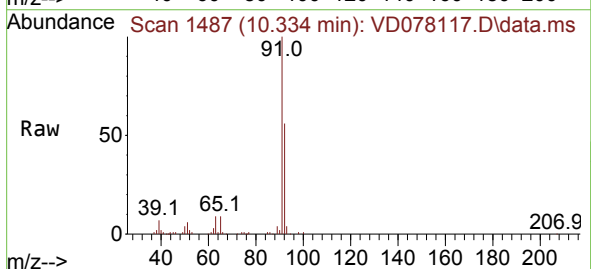
Instrument :
MSVOA_D
ClientSampleId :

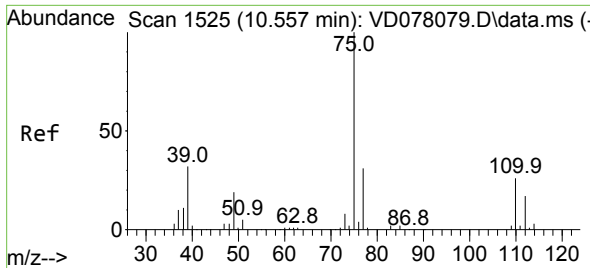
Tgt Ion: 43 Resp: 70451
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3



#52
Toluene
Concen: 16.858 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 92 Resp: 78532
Ion Ratio Lower Upper
92 100
91 173.0 143.0 214.4

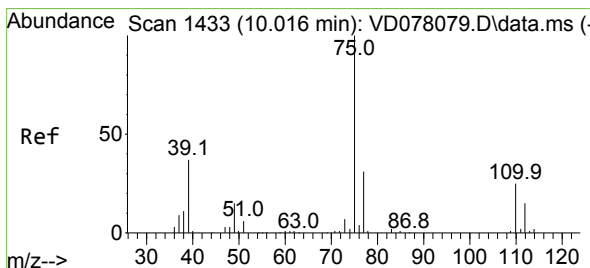
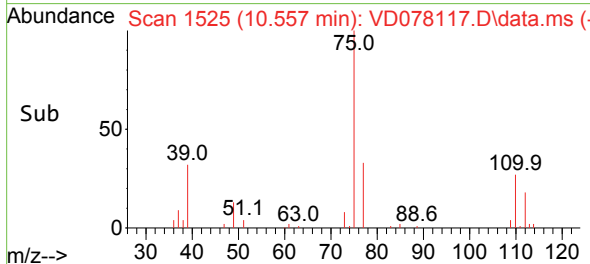
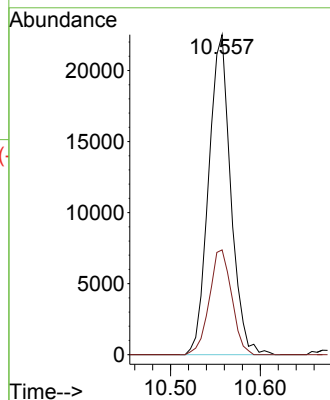
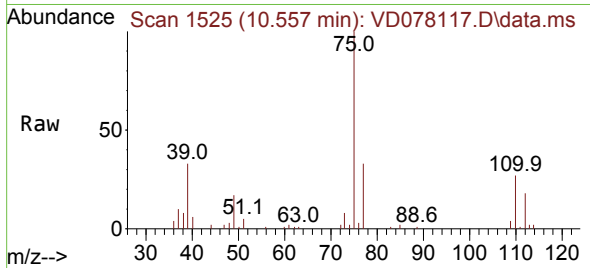




#53
 t-1,3-Dichloropropene
 Concen: 16.042 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

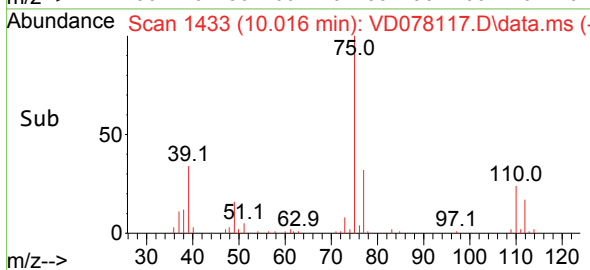
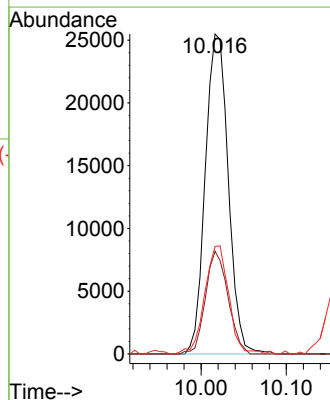
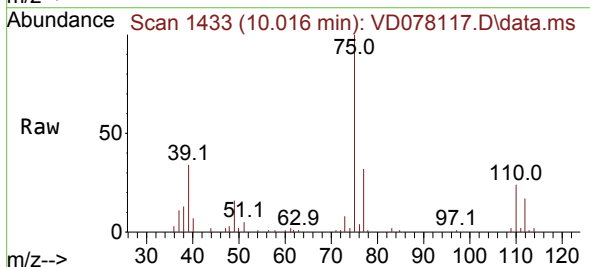
Instrument :
 MSVOA_D
 ClientSampleId :

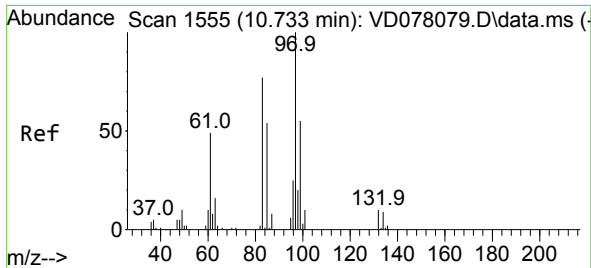
Tgt Ion: 75 Resp: 38538
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 16.588 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

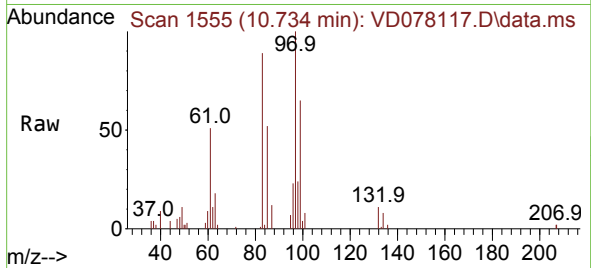
Tgt Ion: 75 Resp: 47855
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 33.6 22.1 33.1#



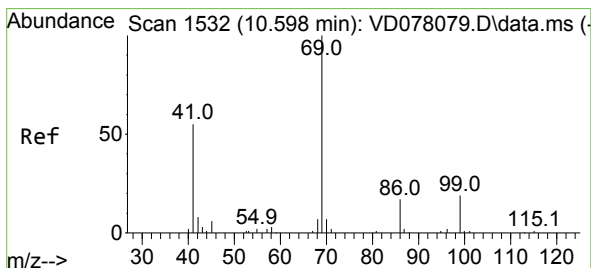
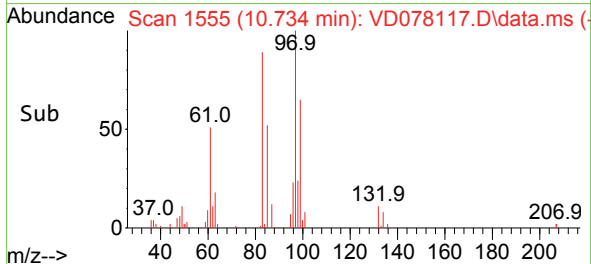
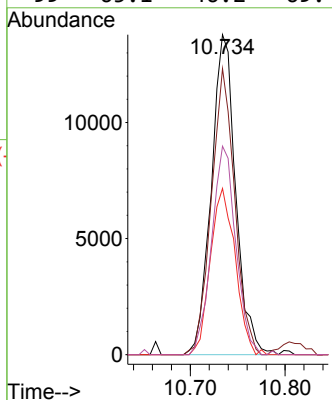


#55
1,1,2-Trichloroethane
Concen: 17.200 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

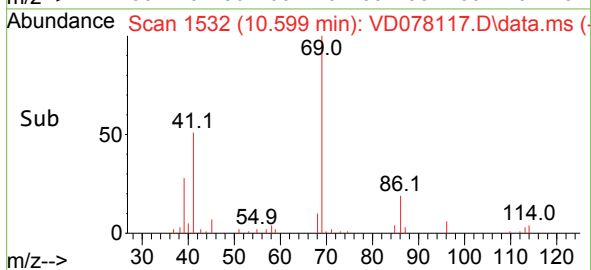
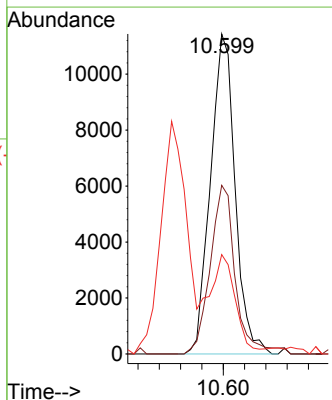
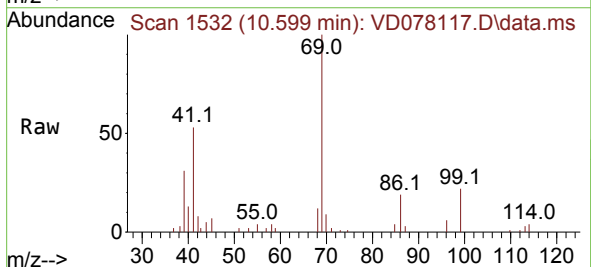


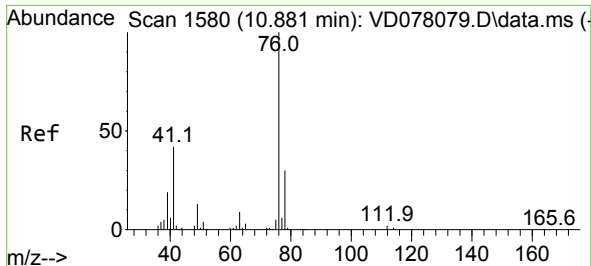
Tgt Ion:	97	Resp:	24672
Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.8	98.6
85	52.0	45.7	68.5
99	65.1	46.2	69.4



#56
Ethyl methacrylate
Concen: 16.090 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion:	69	Resp:	18316
Ion	Ratio	Lower	Upper
69	100		
41	53.8	39.1	58.7
39	27.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 16.256 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

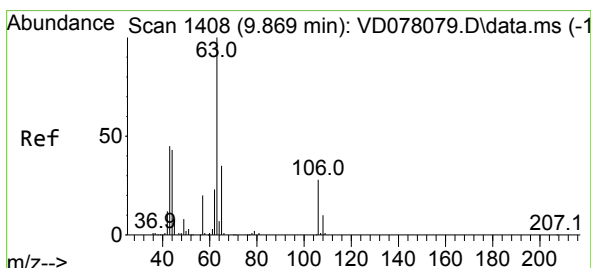
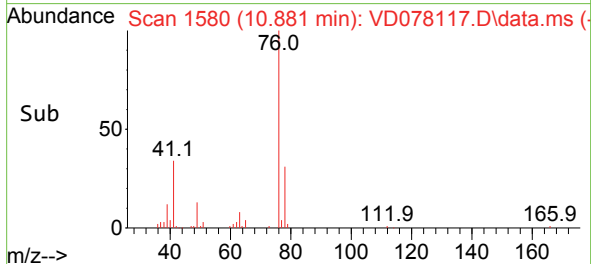
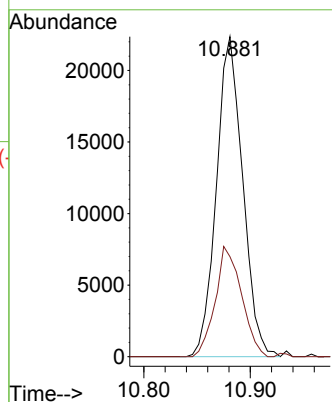
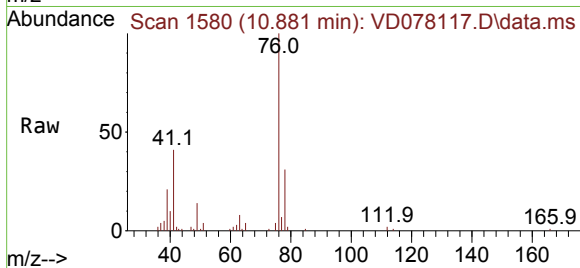
ClientSampleId :

Tgt Ion: 76 Resp: 38313

Ion Ratio Lower Upper

76 100

78 34.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.082 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078117.D

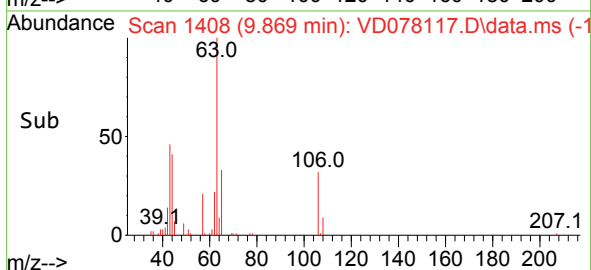
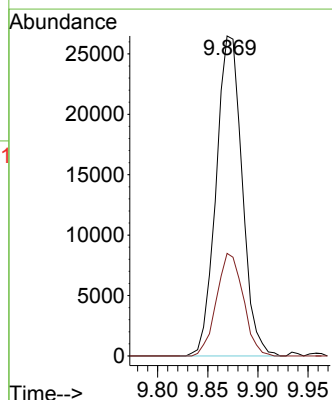
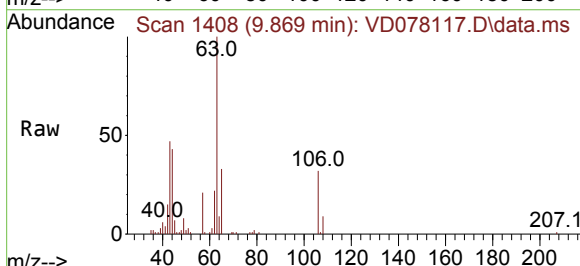
Acq: 02 Jan 2024 11:12

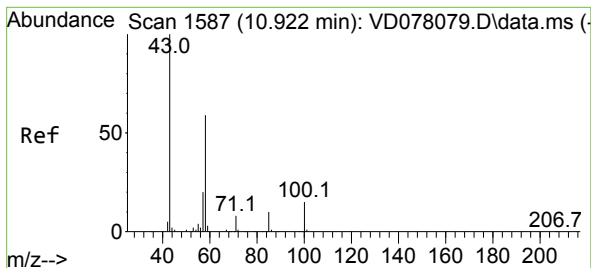
Tgt Ion: 63 Resp: 47847

Ion Ratio Lower Upper

63 100

106 32.8 25.3 37.9

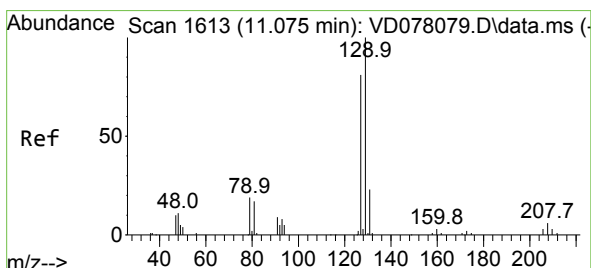
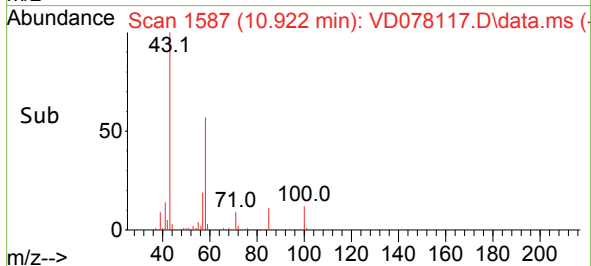
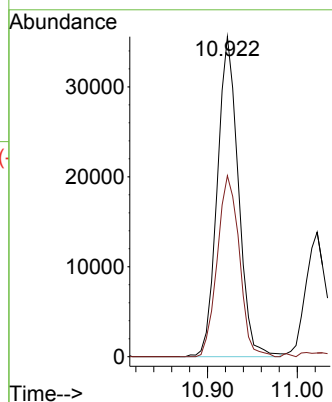
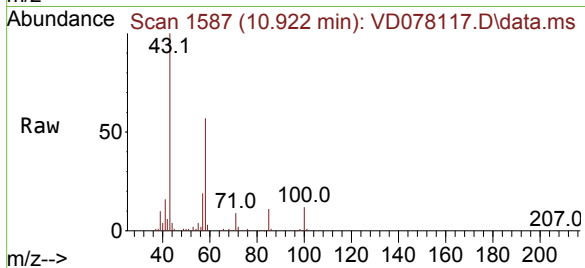




#59
2-Hexanone
Concen: 87.637 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

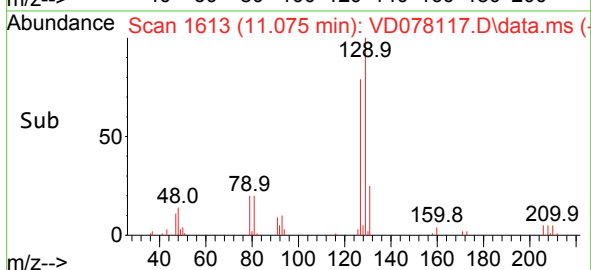
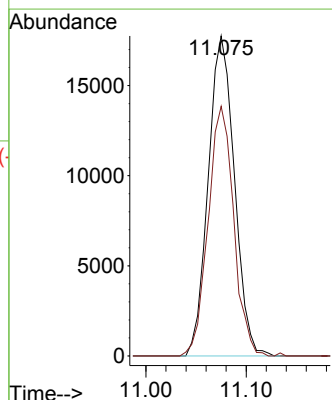
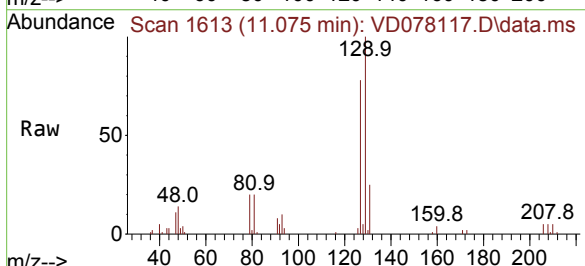
Instrument :
MSVOA_D
ClientSampleId :

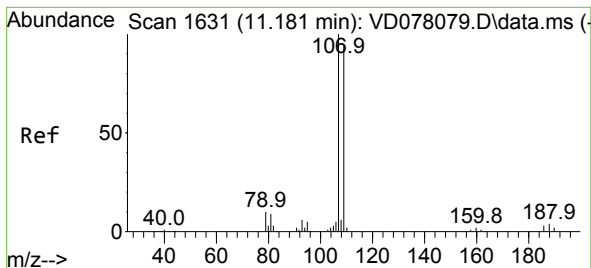
Tgt Ion: 43 Resp: 57959
Ion Ratio Lower Upper
43 100
58 59.2 34.1 102.2



#60
Dibromochloromethane
Concen: 17.646 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 129 Resp: 32246
Ion Ratio Lower Upper
129 100
127 76.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 16.857 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

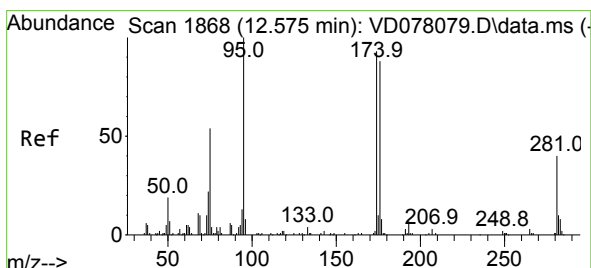
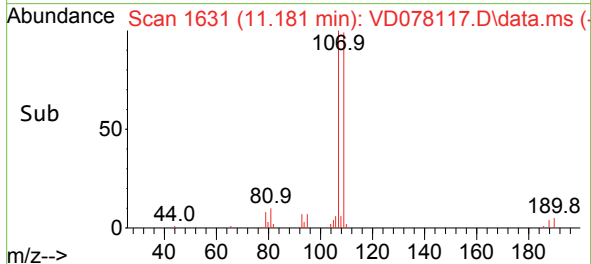
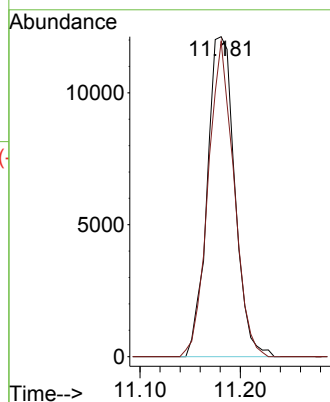
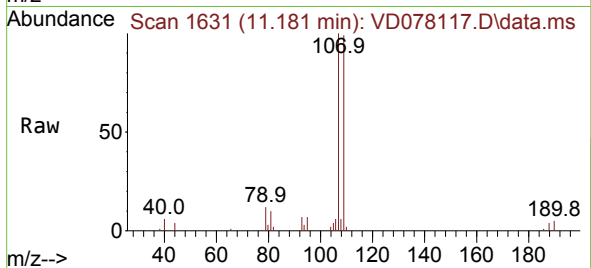
ClientSampleId :

Tgt Ion:107 Resp: 23182

Ion Ratio Lower Upper

107 100

109 92.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.537 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

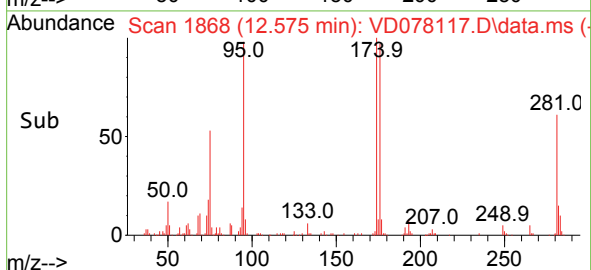
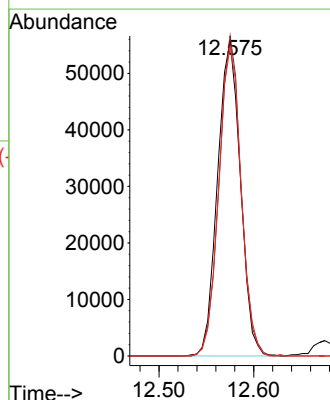
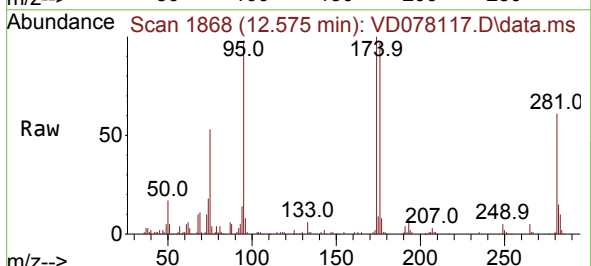
Tgt Ion: 95 Resp: 93314

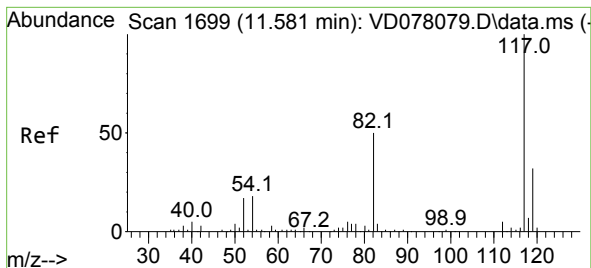
Ion Ratio Lower Upper

95 100

174 97.4 0.0 201.8

176 96.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

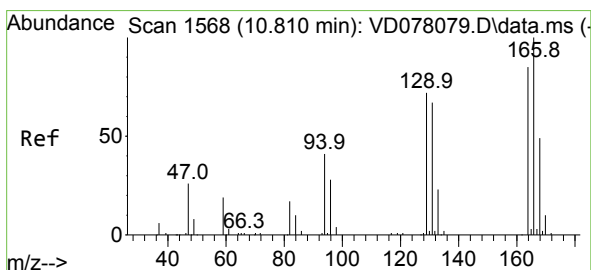
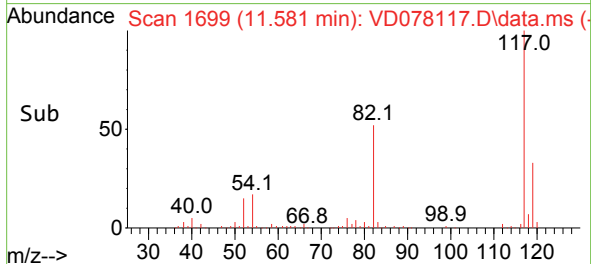
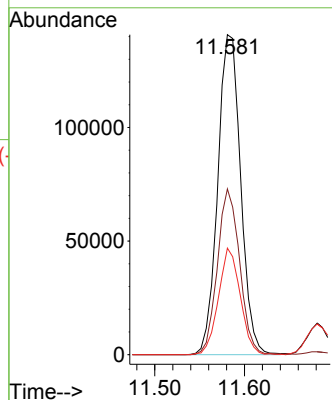
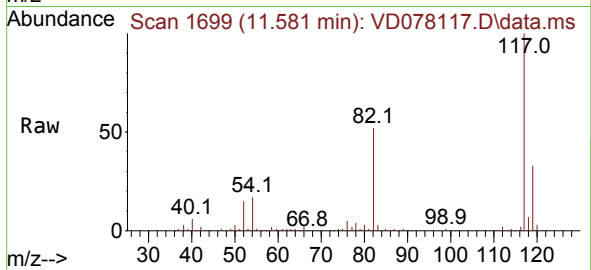
Tgt Ion:117 Resp: 250255

Ion Ratio Lower Upper

117 100

82 51.8 38.3 57.5

119 33.3 25.0 37.4



#64

Tetrachloroethene

Concen: 17.384 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Tgt Ion:164 Resp: 29397

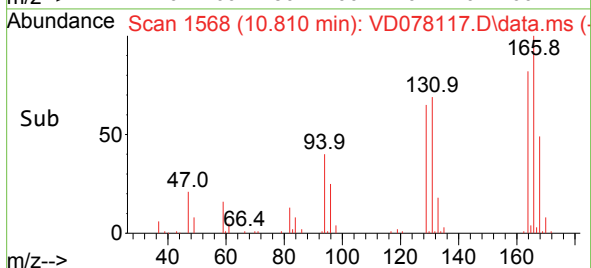
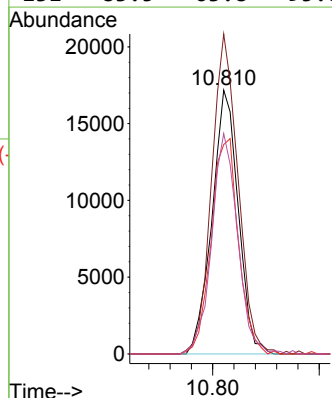
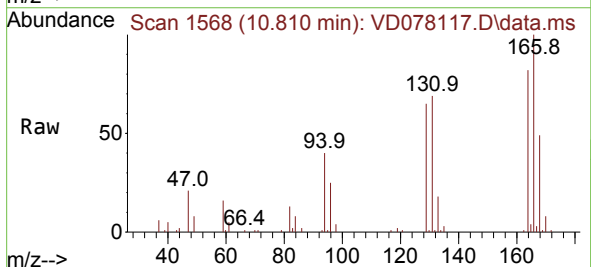
Ion Ratio Lower Upper

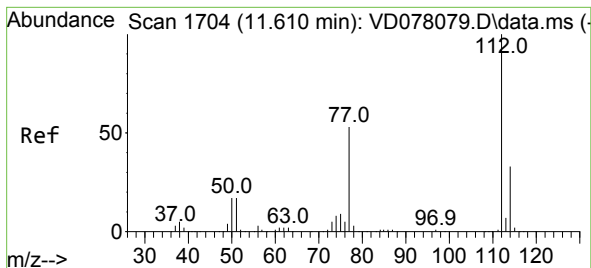
164 100

166 121.3 99.2 148.8

129 79.4 68.4 102.6

131 83.5 63.8 95.8





#65

Chlorobenzene

Concen: 16.963 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

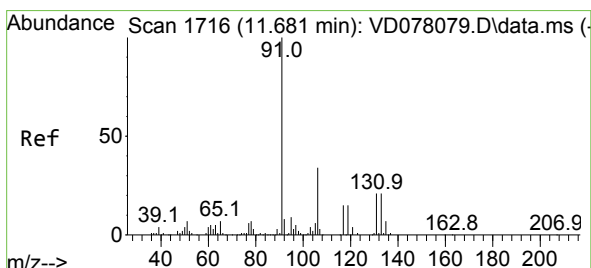
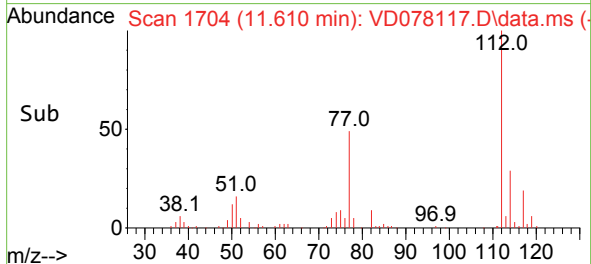
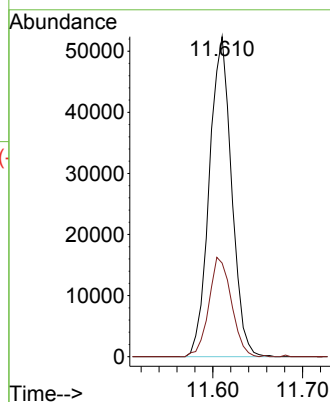
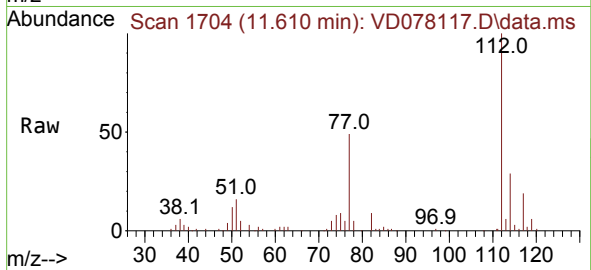
ClientSampleId :

Tgt Ion:112 Resp: 90187

Ion Ratio Lower Upper

112 100

114 29.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 17.286 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

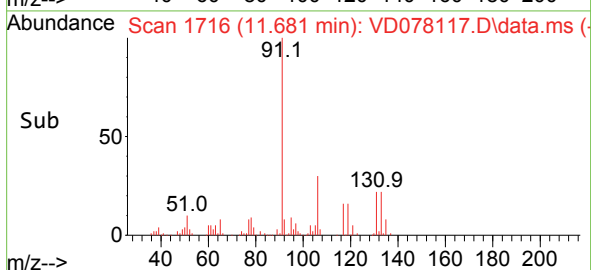
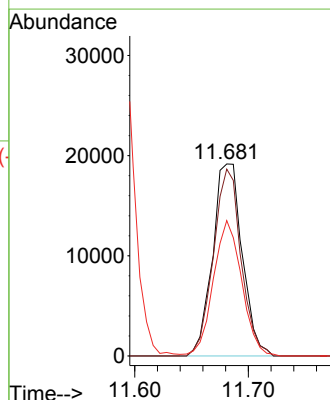
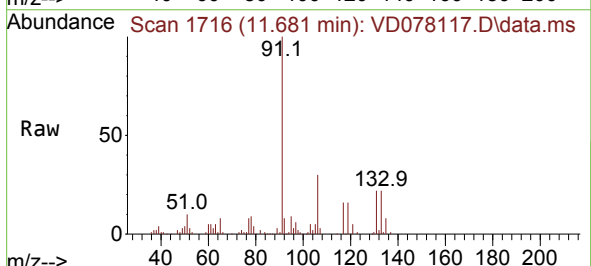
Tgt Ion:131 Resp: 34785

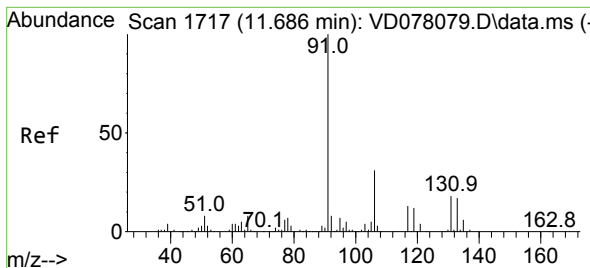
Ion Ratio Lower Upper

131 100

133 91.1 48.5 145.5

119 67.5 35.6 106.9





#67

Ethyl Benzene

Concen: 16.225 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

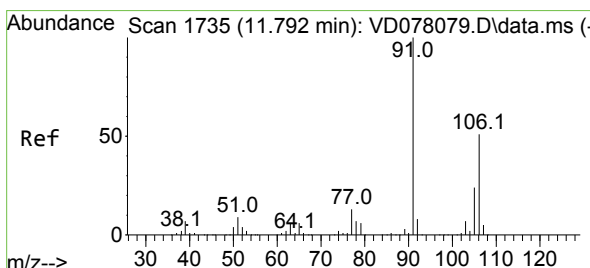
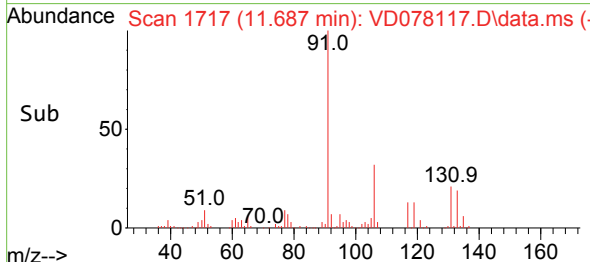
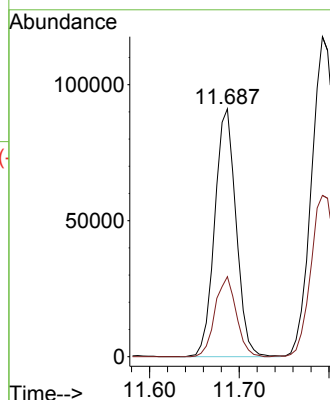
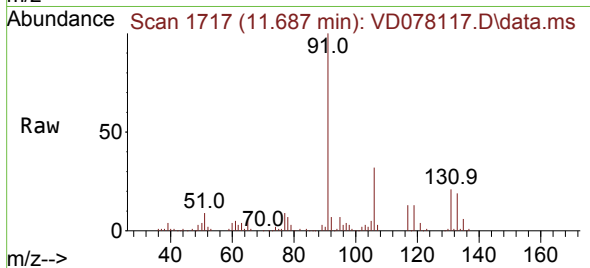
ClientSampleId :

Tgt Ion: 91 Resp: 150383

Ion Ratio Lower Upper

91 100

106 32.2 26.5 39.7



#68

m/p-Xylenes

Concen: 32.578 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078117.D

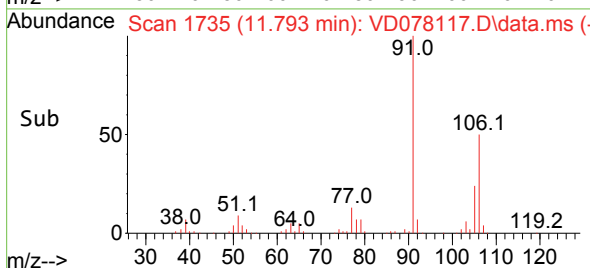
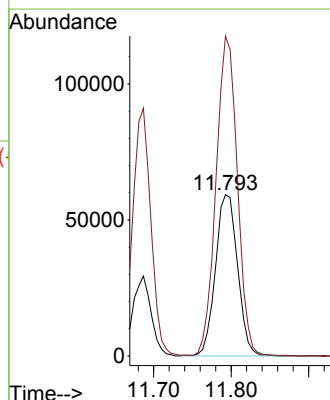
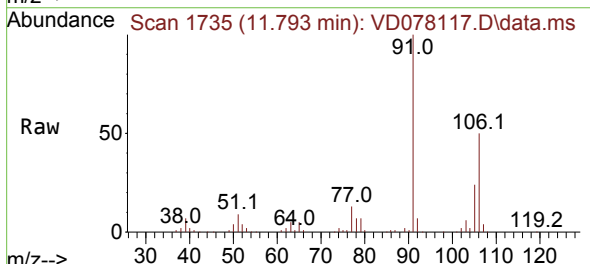
Acq: 02 Jan 2024 11:12

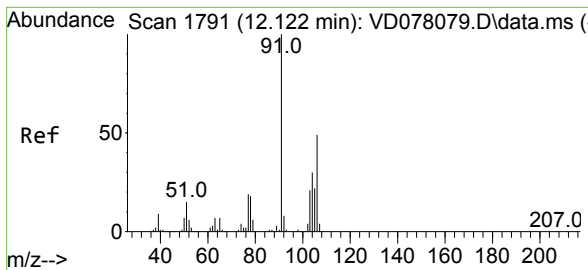
Tgt Ion:106 Resp: 117516

Ion Ratio Lower Upper

106 100

91 191.9 147.0 220.6

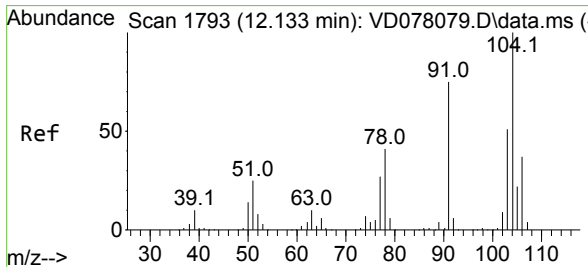
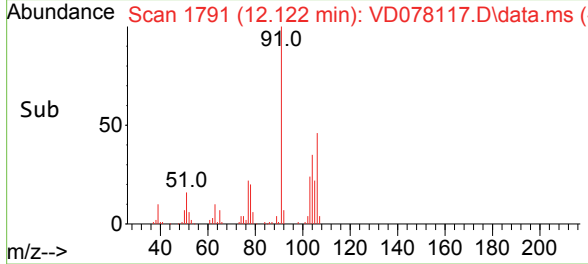
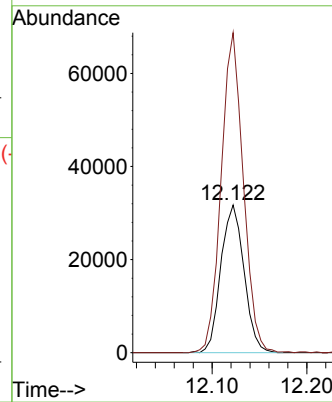
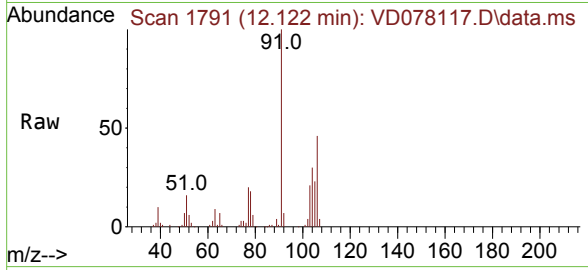




#69
o-Xylene
Concen: 16.041 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

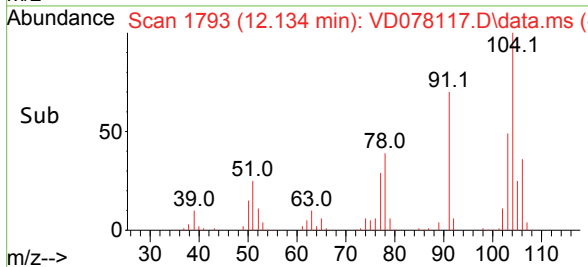
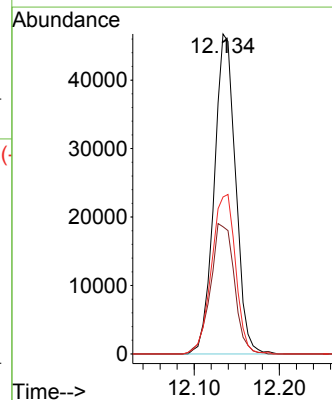
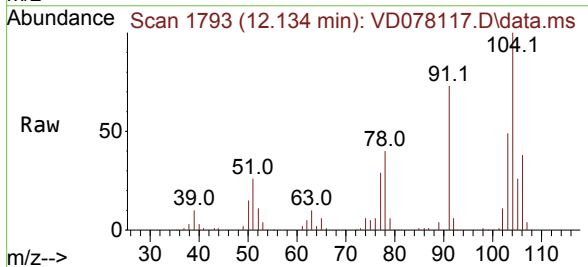
Instrument :
MSVOA_D
ClientSampleId :

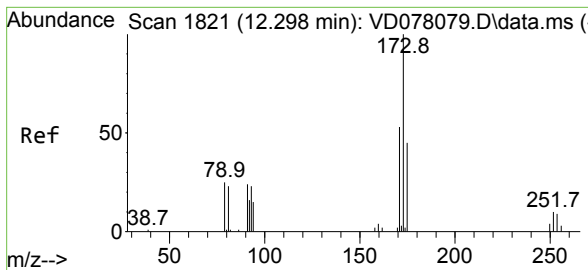
Tgt Ion:106 Resp: 53930
Ion Ratio Lower Upper
106 100
91 207.4 97.9 293.6



#70
Styrene
Concen: 16.471 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion:104 Resp: 81762
Ion Ratio Lower Upper
104 100
78 45.1 33.2 49.8
103 55.8 43.6 65.4

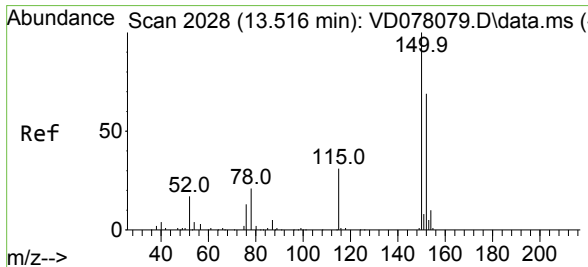
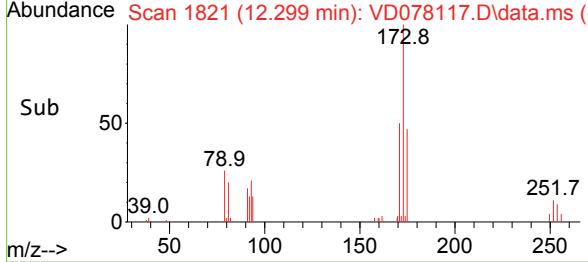
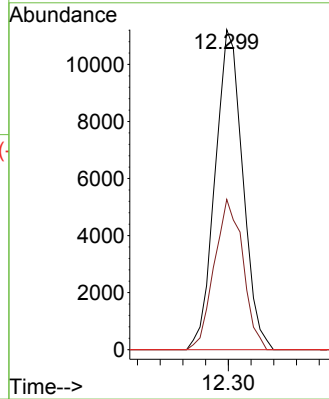
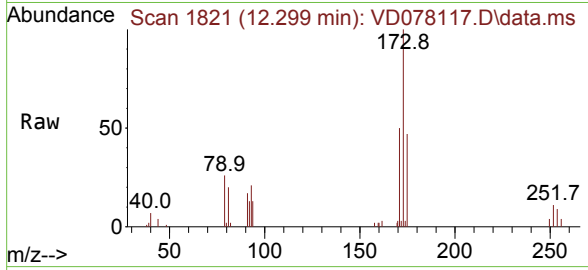




#71
Bromoform
Concen: 17.061 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

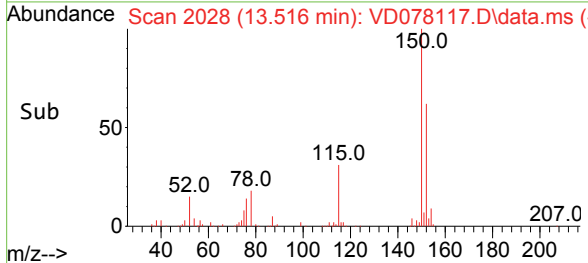
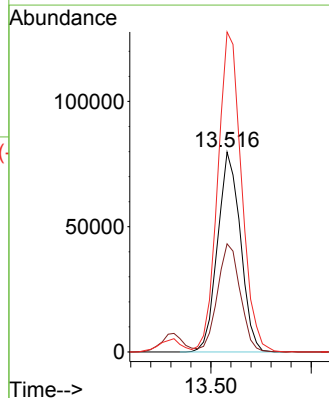
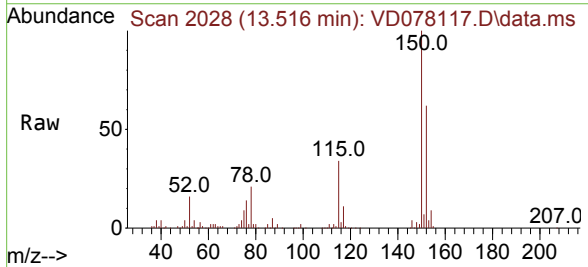
Instrument :
MSVOA_D
ClientSampleId :

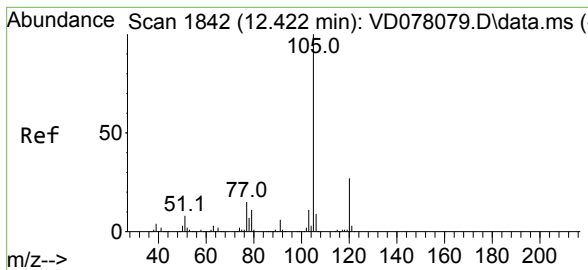
Tgt Ion:	173	Resp:	18941
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

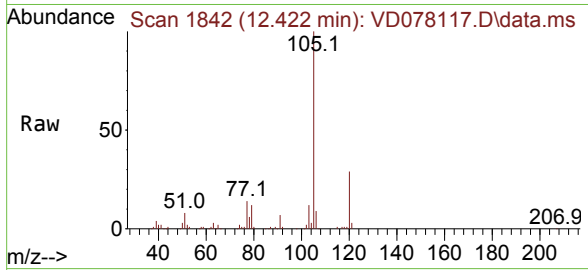
Tgt Ion:	152	Resp:	126263
Ion Ratio	Lower	Upper	
152	100		
115	54.0	27.1	81.3
150	166.8	0.0	353.6



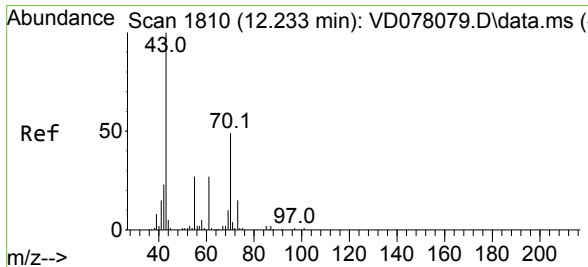
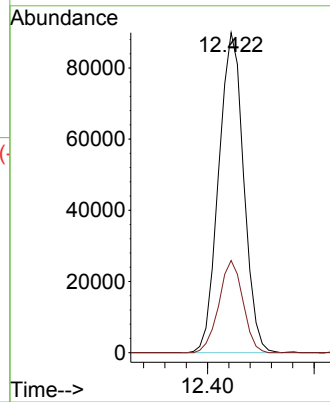
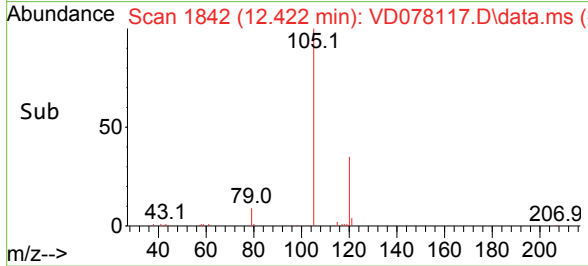


#73
Isopropylbenzene
Concen: 16.807 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

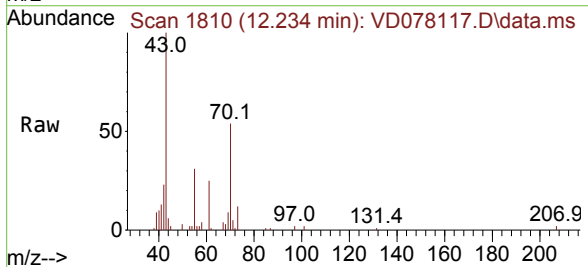
Instrument :
MSVOA_D
ClientSampleId :



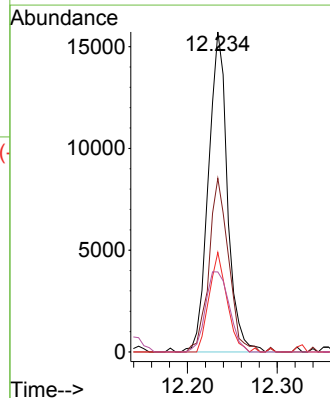
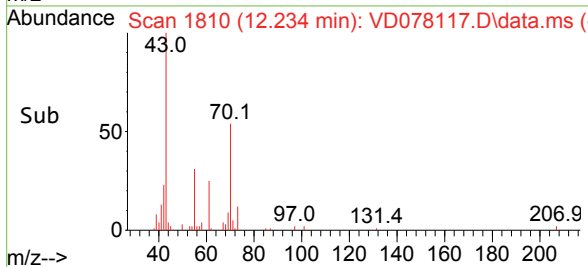
Tgt Ion:105 Resp: 146160
Ion Ratio Lower Upper
105 100
120 27.7 14.3 42.9

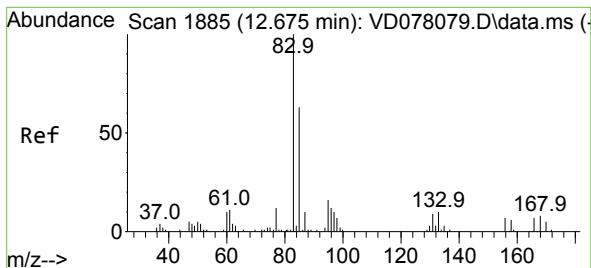


#74
N-ethyl acetate
Concen: 16.108 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12



Tgt Ion: 43 Resp: 23255
Ion Ratio Lower Upper
43 100
70 55.7 45.0 67.4
55 29.2 23.8 35.6
61 31.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 16.325 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.005 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

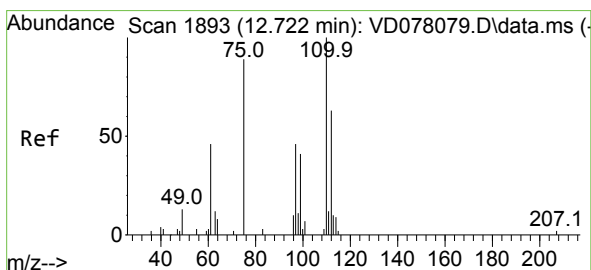
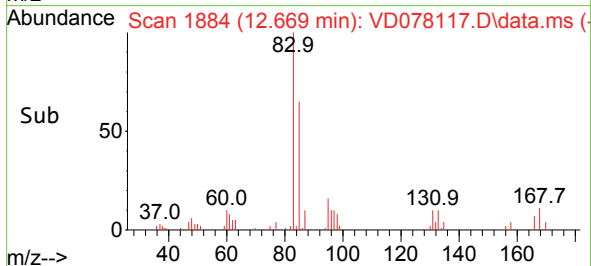
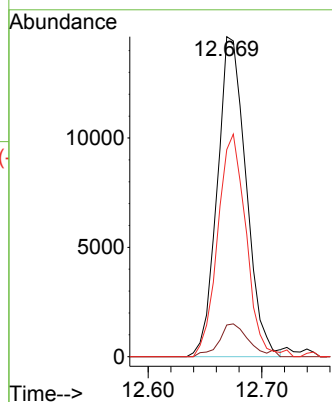
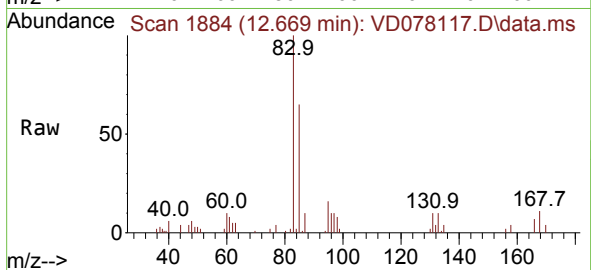
Tgt Ion: 83 Resp: 25803

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 68.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 29.764 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078117.D

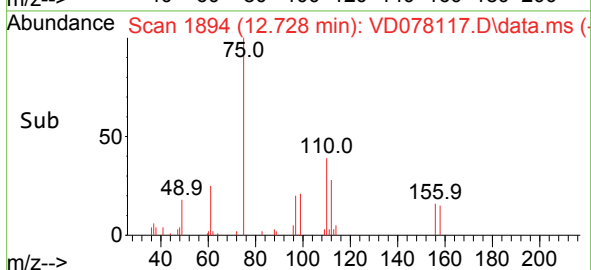
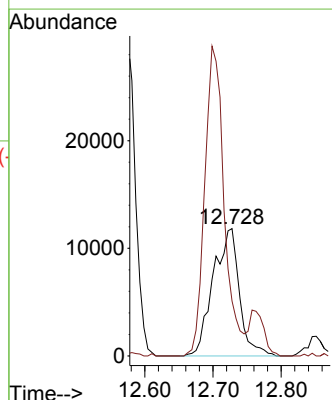
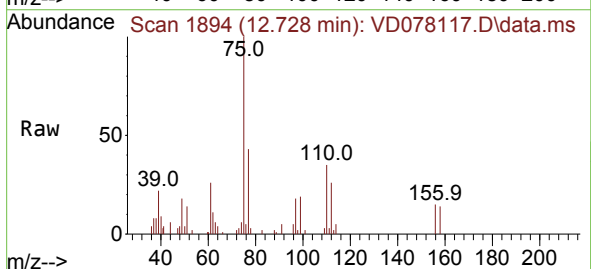
Acq: 02 Jan 2024 11:12

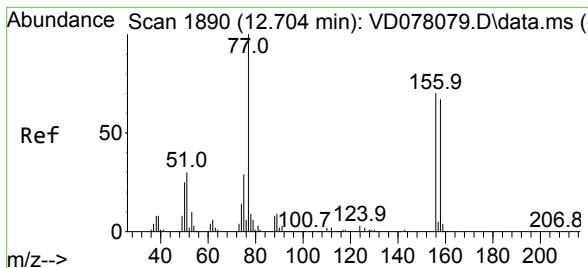
Tgt Ion: 75 Resp: 31706

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.179 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.005 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

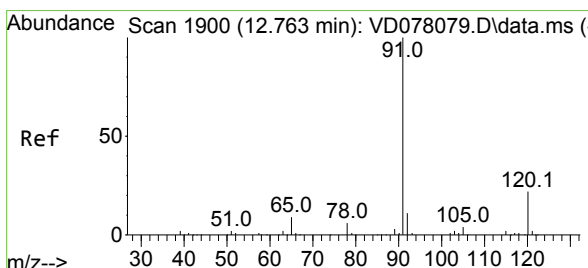
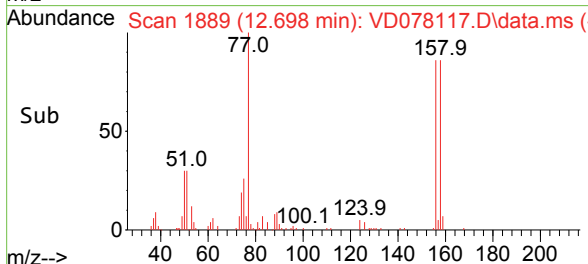
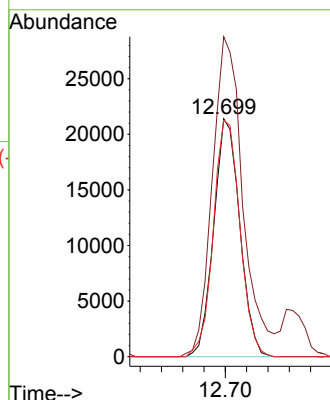
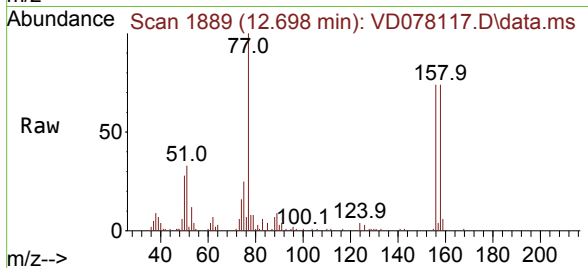
Tgt Ion:156 Resp: 36343

Ion Ratio Lower Upper

156 100

77 157.3 76.8 230.4

158 101.1 48.6 145.9



#78

n-propylbenzene

Concen: 16.758 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078117.D

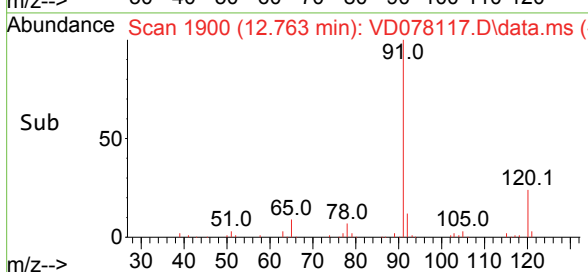
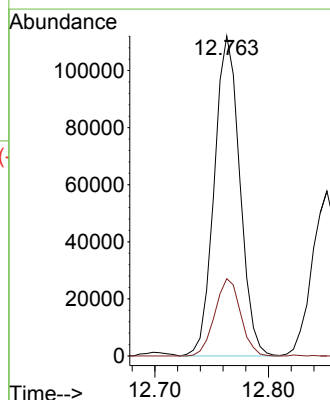
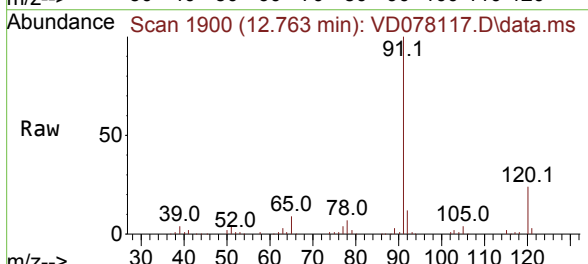
Acq: 02 Jan 2024 11:12

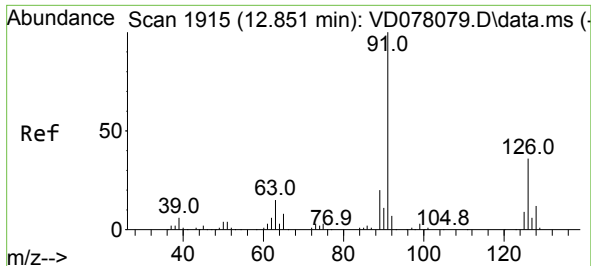
Tgt Ion: 91 Resp: 175421

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2

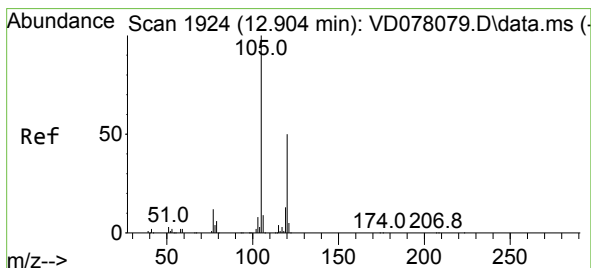
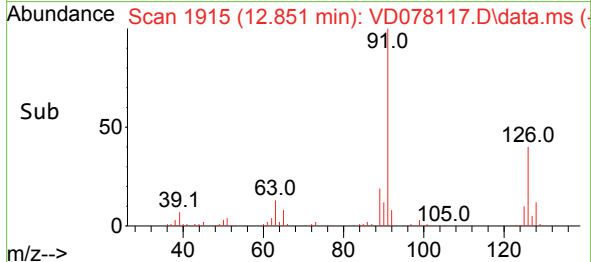
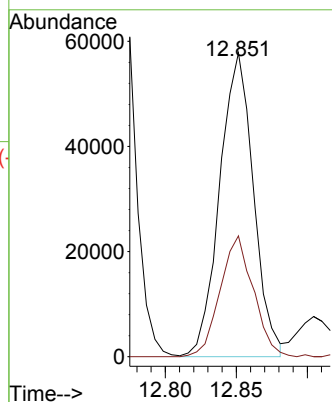
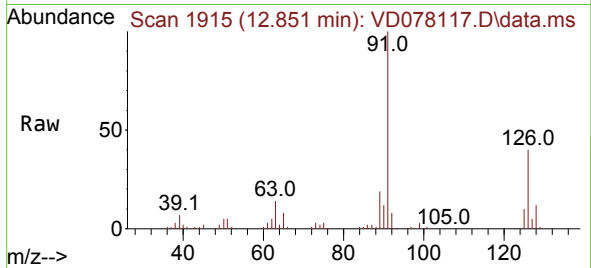




#79
2-Chlorotoluene
Concen: 16.874 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

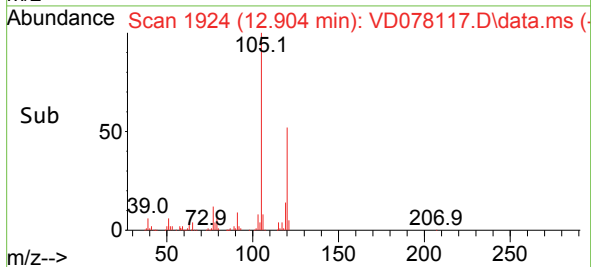
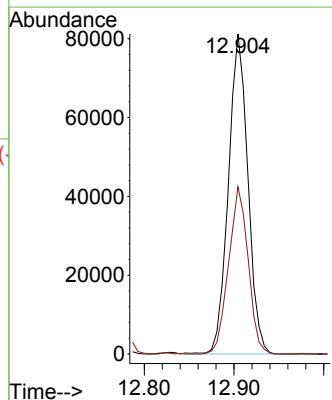
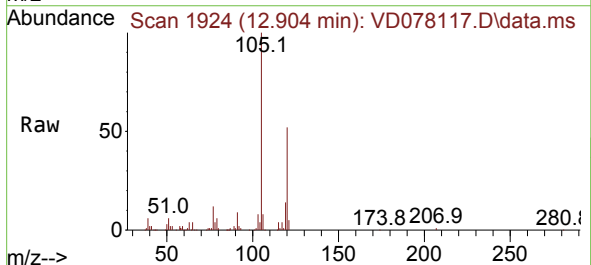
Instrument :
MSVOA_D
ClientSampleId :

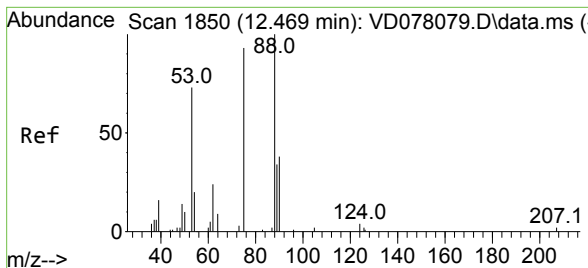
Tgt Ion: 91 Resp: 95538
Ion Ratio Lower Upper
91 100
126 39.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 17.030 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 105 Resp: 122499
Ion Ratio Lower Upper
105 100
120 52.3 26.4 79.2

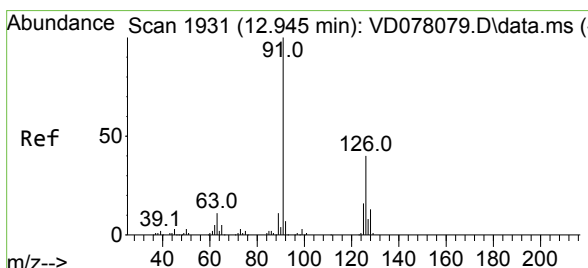
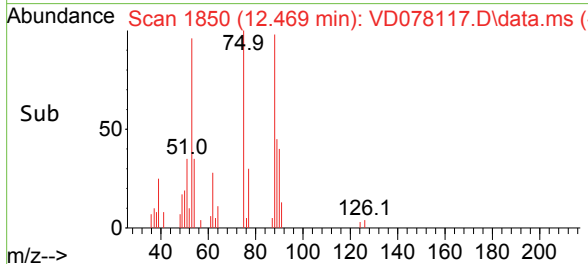
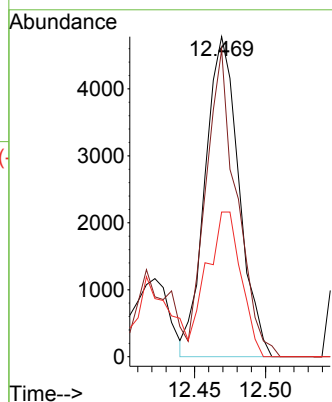
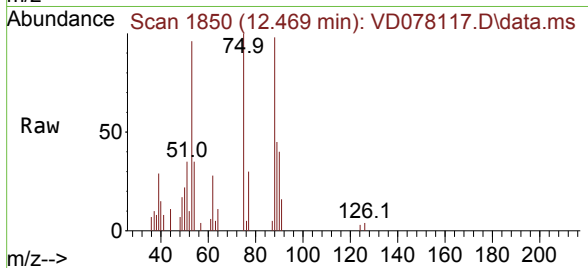




#81
trans-1,4-Dichloro-2-butene
Concen: 15.976 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

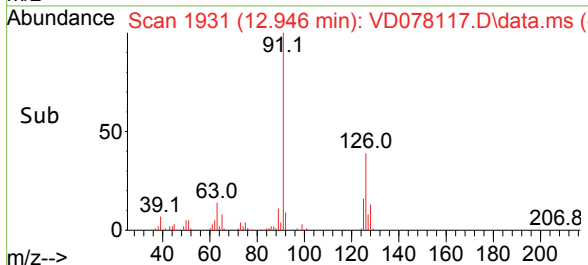
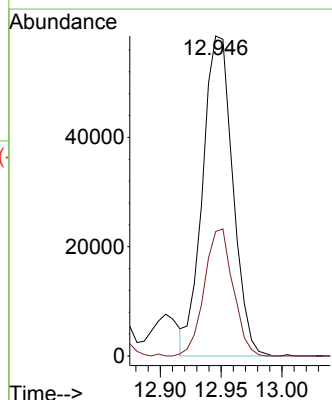
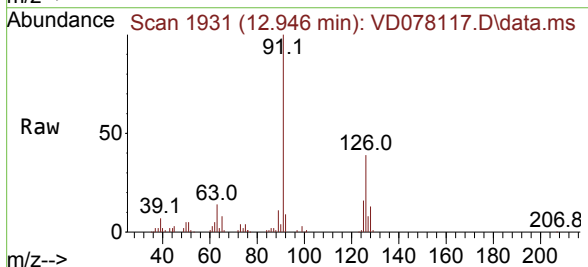
Instrument :
MSVOA_D
ClientSampleId :

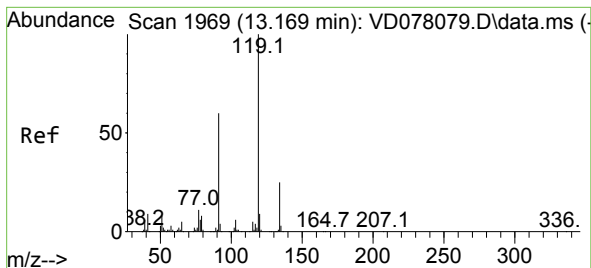
Tgt Ion: 75 Resp: 7898
Ion Ratio Lower Upper
75 100
53 86.8 63.0 94.4
89 45.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 16.657 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 91 Resp: 101114
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 16.880 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

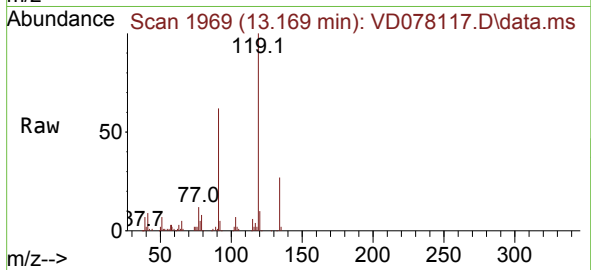
Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :



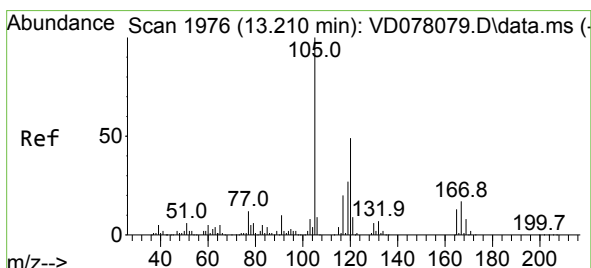
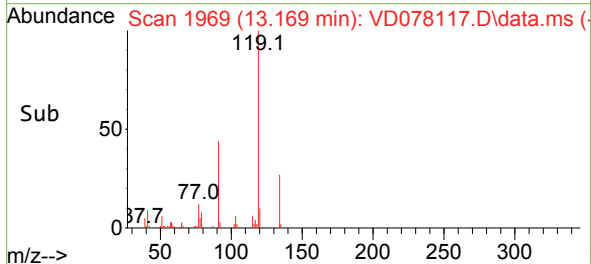
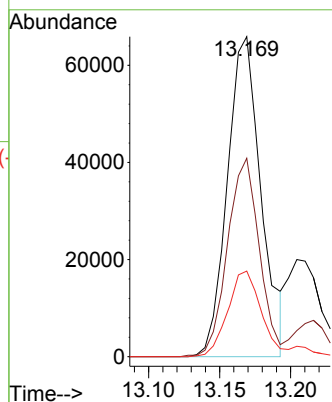
Tgt Ion:119 Resp: 108766

Ion Ratio Lower Upper

119 100

91 58.5 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 16.479 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078117.D

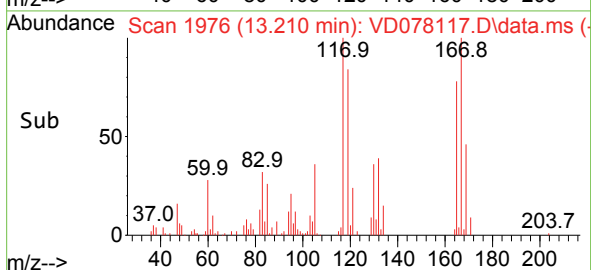
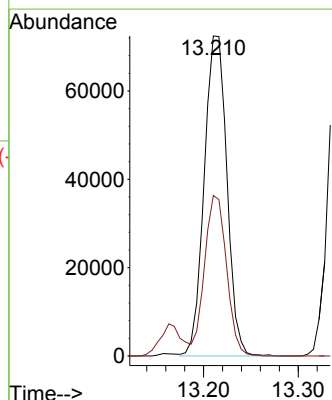
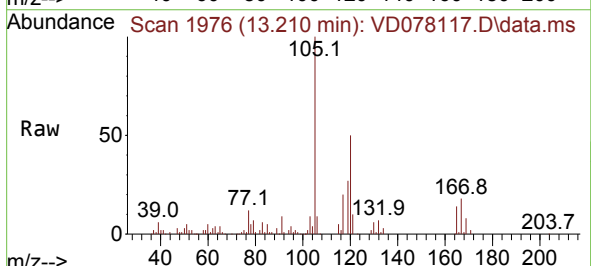
Acq: 02 Jan 2024 11:12

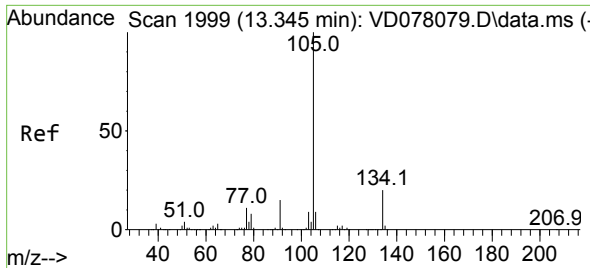
Tgt Ion:105 Resp: 120737

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9

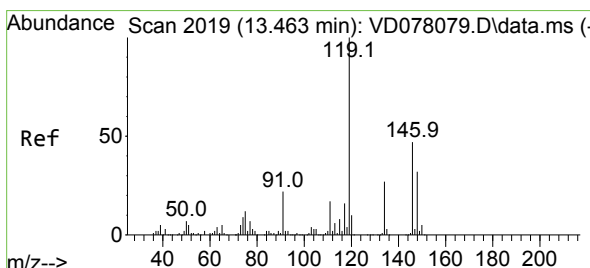
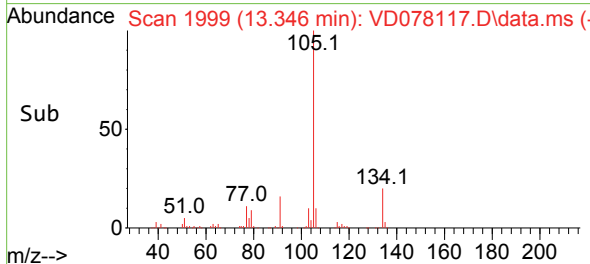
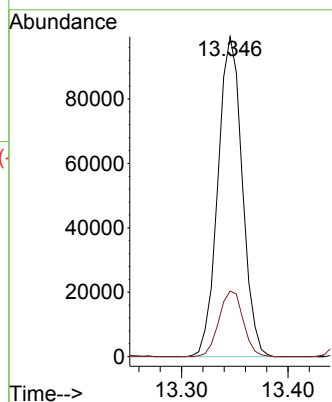
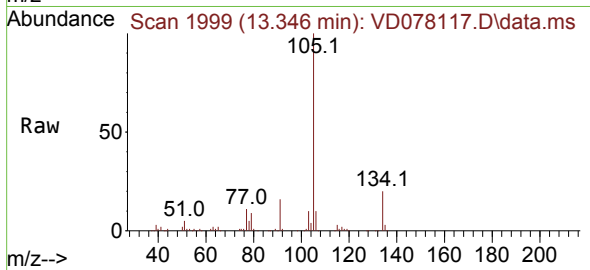




#85
 sec-Butylbenzene
 Concen: 17.127 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

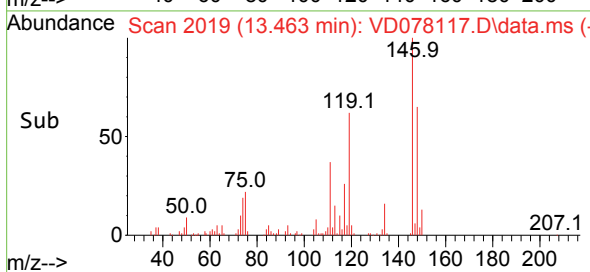
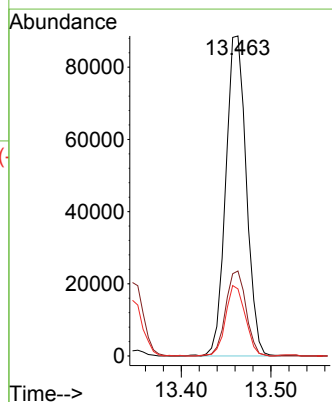
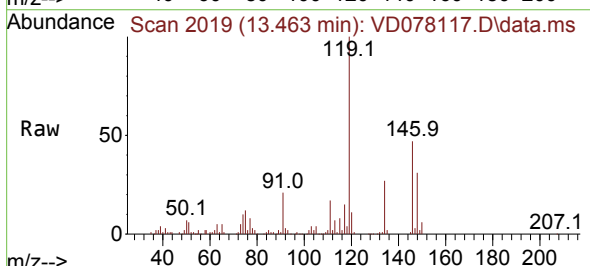
Instrument :
 MSVOA_D
 ClientSampleId :

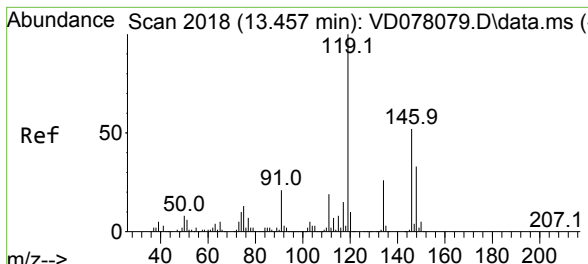
Tgt Ion:105 Resp: 157552
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 17.117 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

Tgt Ion:119 Resp: 140911
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 21.2 10.5 31.5

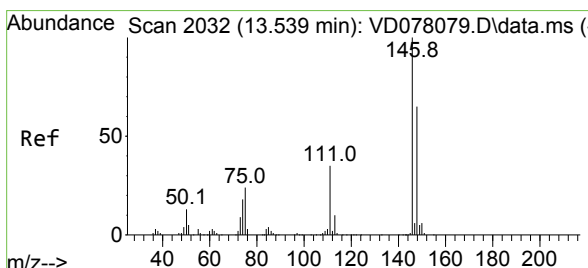
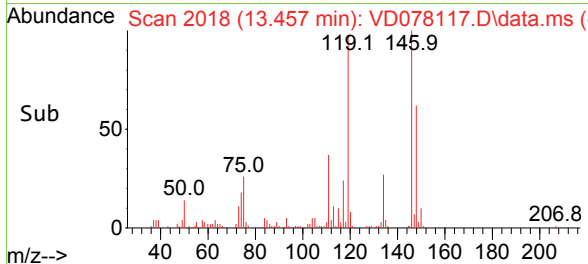
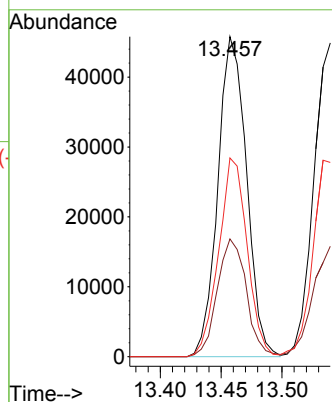
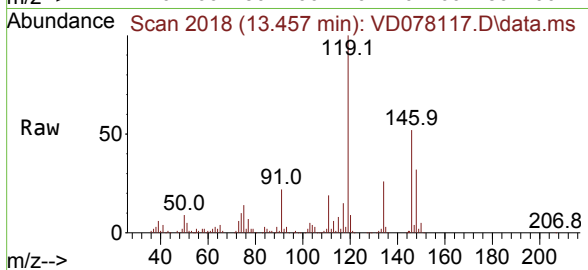




#87
 1,3-Dichlorobenzene
 Concen: 17.121 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

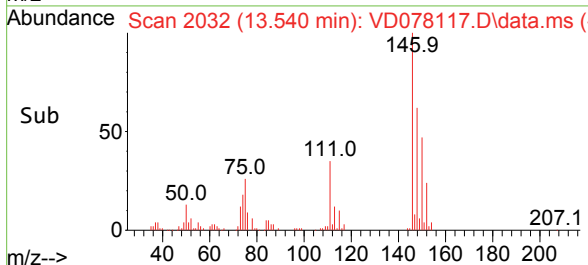
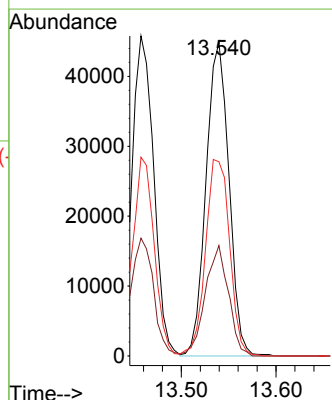
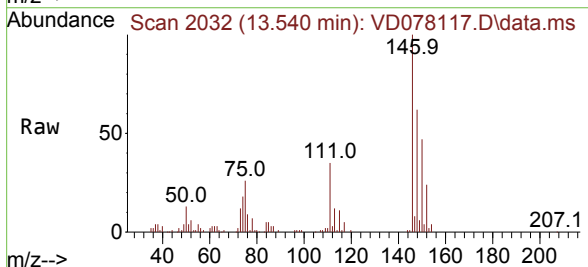
Instrument :
 MSVOA_D
 ClientSampleId :

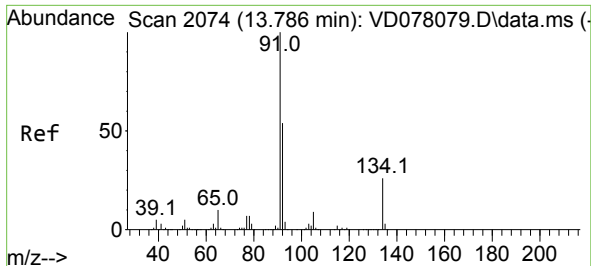
Tgt Ion:146 Resp: 74942
 Ion Ratio Lower Upper
 146 100
 111 37.4 17.9 53.8
 148 61.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 17.522 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078117.D
 Acq: 02 Jan 2024 11:12

Tgt Ion:146 Resp: 75220
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.4 52.3
 148 66.0 31.7 95.1

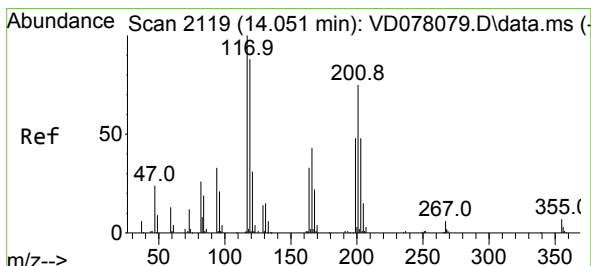
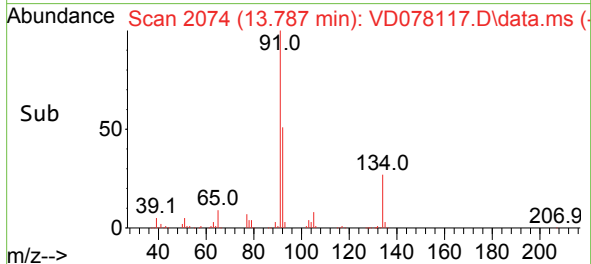
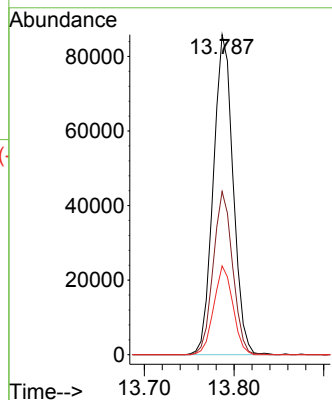
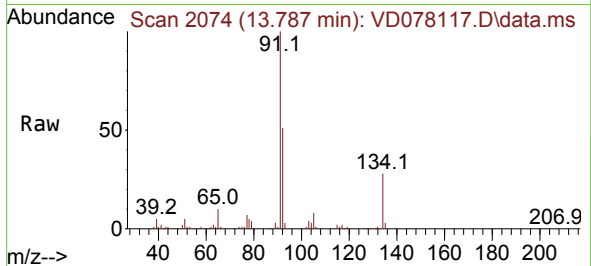




#89
n-Butylbenzene
Concen: 17.416 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

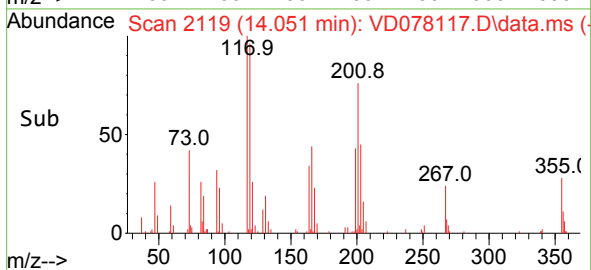
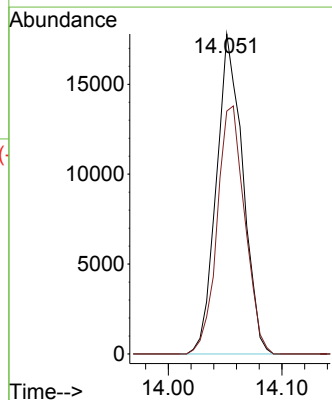
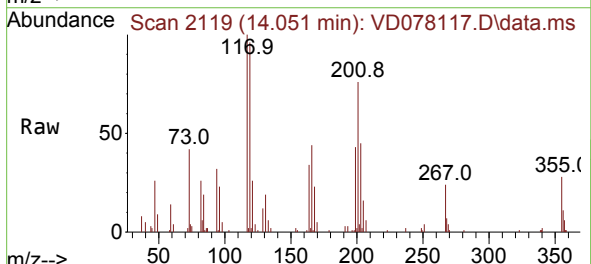
Instrument :
MSVOA_D
ClientSampleId :

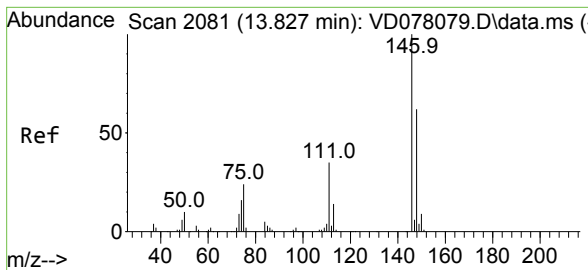
Tgt Ion: 91 Resp: 131602
Ion Ratio Lower Upper
91 100
92 50.0 26.5 79.5
134 26.8 13.8 41.3



#90
Hexachloroethane
Concen: 17.458 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 117 Resp: 28733
Ion Ratio Lower Upper
117 100
201 81.3 38.5 115.5

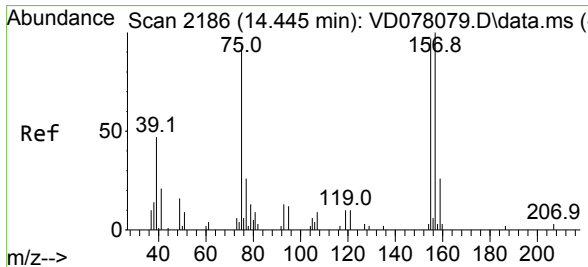
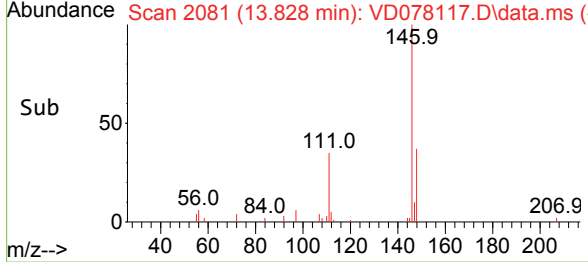
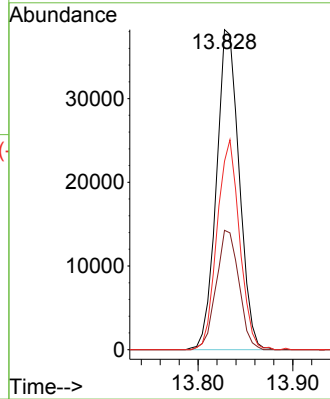
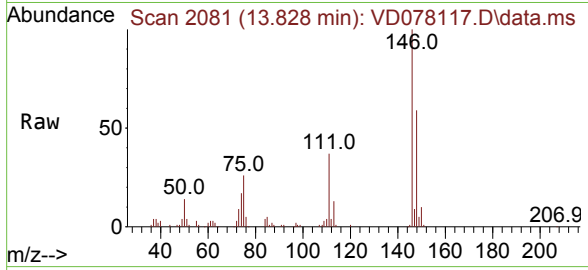




#91
1,2-Dichlorobenzene
Concen: 16.995 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

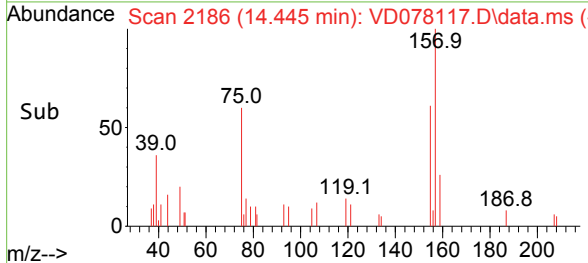
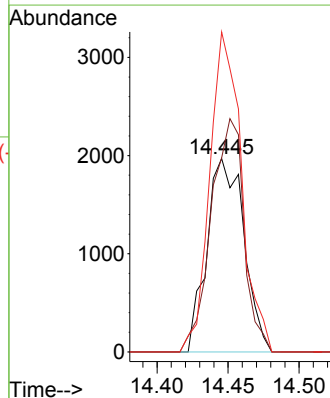
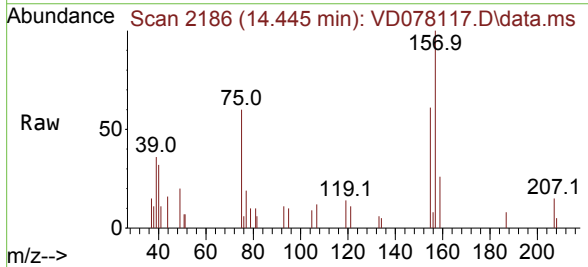
Instrument :
MSVOA_D
ClientSampleId :

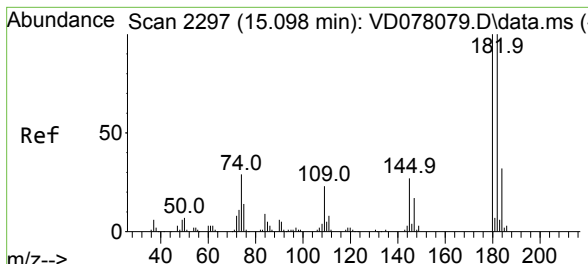
Tgt Ion:146 Resp: 63888
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 64.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.127 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion: 75 Resp: 3570
Ion Ratio Lower Upper
75 100
155 106.6 47.9 143.8
157 141.0 59.9 179.7

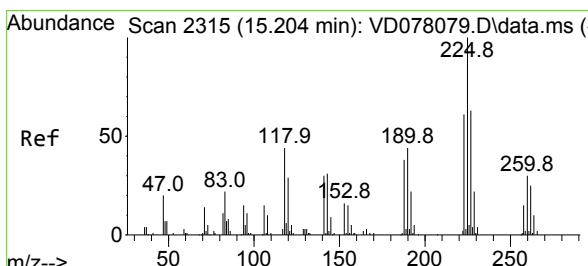
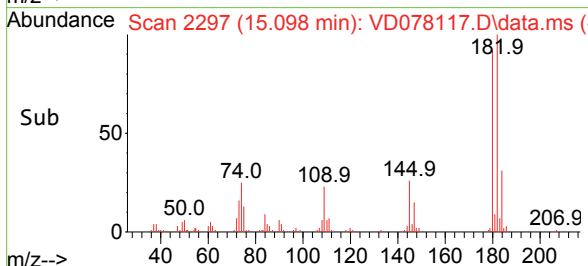
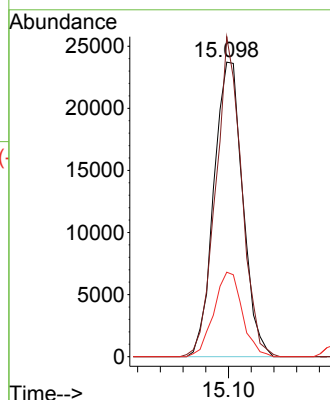
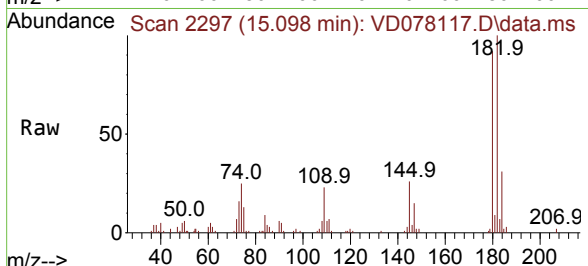




#93
1,2,4-Trichlorobenzene
Concen: 17.052 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

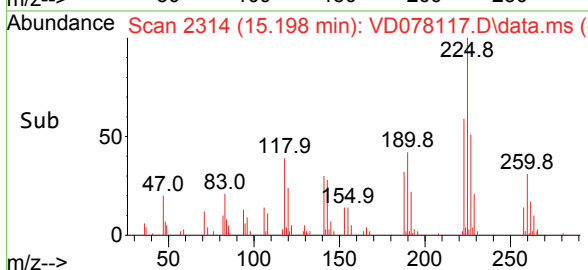
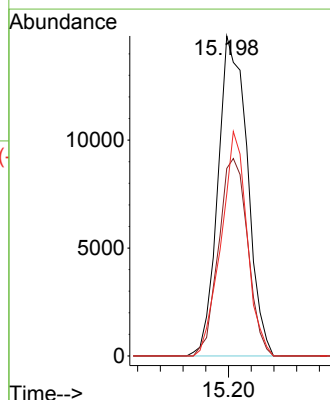
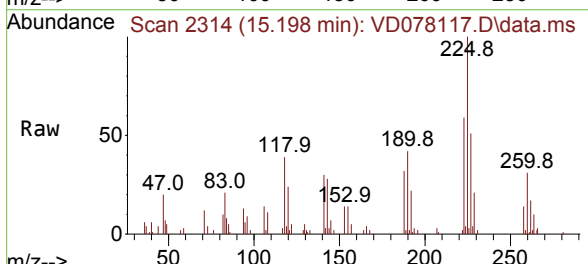
Instrument :
MSVOA_D
ClientSampleId :

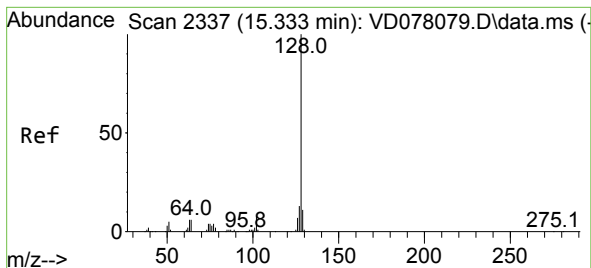
Tgt Ion:180 Resp: 41850
Ion Ratio Lower Upper
180 100
182 97.4 48.5 145.6
145 28.2 14.2 42.6



#94
Hexachlorobutadiene
Concen: 19.252 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.005 min
Lab File: VD078117.D
Acq: 02 Jan 2024 11:12

Tgt Ion:225 Resp: 26547
Ion Ratio Lower Upper
225 100
223 61.3 31.6 94.8
227 62.0 31.7 95.1





#95

Naphthalene

Concen: 17.002 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

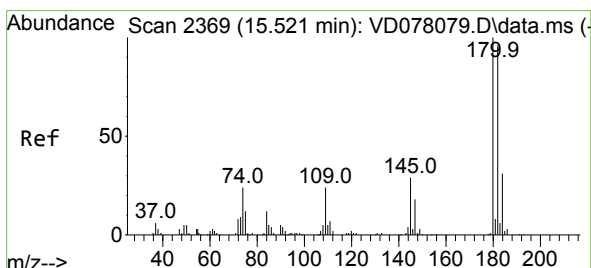
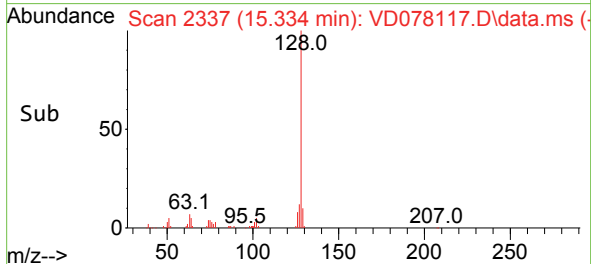
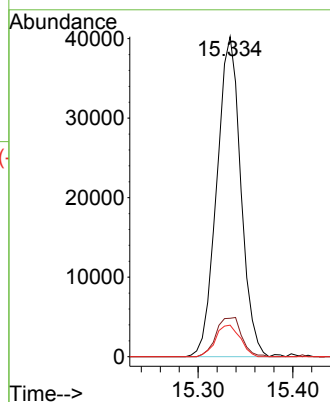
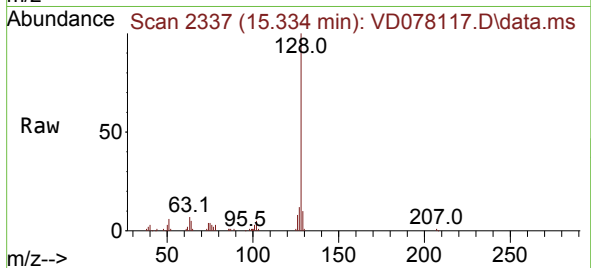
Tgt Ion:128 Resp: 71039

Ion Ratio Lower Upper

128 100

127 12.0 10.5 15.7

129 9.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.538 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078117.D

Acq: 02 Jan 2024 11:12

Tgt Ion:180 Resp: 36522

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 30.9 15.1 45.3

