

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078119.D
 Acq On : 02 Jan 2024 13:01
 Operator : RP/MD
 Sample : VD0102SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:05:33 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	159594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	243549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69807	49.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.810	113	84029	53.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.240%
50) Toluene-d8	10.269	98	307276	55.726	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.460%
62) 4-Bromofluorobenzene	12.575	95	95611	53.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30420	22.240	ug/l	100
3) Chloromethane	2.152	50	34771	18.433	ug/l	98
4) Vinyl Chloride	2.293	62	54026	19.002	ug/l	98
5) Bromomethane	2.693	94	41895	18.378	ug/l	99
6) Chloroethane	2.840	64	39226	18.774	ug/l	95
7) Trichlorofluoromethane	3.187	101	58857	21.507	ug/l	98
8) Diethyl Ether	3.599	74	14248	18.986	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	37337	21.905	ug/l	98
10) Methyl Iodide	4.164	142	36014	22.485	ug/l	93
11) Tert butyl alcohol	5.046	59	8451	122.260	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	33402	22.147	ug/l	94
13) Acrolein	3.805	56	8611	115.136	ug/l	100
14) Allyl chloride	4.569	41	36708	20.136	ug/l	89
15) Acrylonitrile	5.258	53	32739	104.294	ug/l	98
16) Acetone	4.022	43	42345	133.236	ug/l	87
17) Carbon Disulfide	4.275	76	67820	18.199	ug/l #	95
18) Methyl Acetate	4.575	43	20367	17.500	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	72351	21.675	ug/l	93
20) Methylene Chloride	4.805	84	53528	29.453	ug/l	96
21) trans-1,2-Dichloroethene	5.322	96	34723	20.028	ug/l	99
22) Diisopropyl ether	6.216	45	85388	20.970	ug/l	97
23) Vinyl Acetate	6.158	43	196131	125.990	ug/l	98
24) 1,1-Dichloroethane	6.116	63	63732	21.150	ug/l	96
25) 2-Butanone	7.081	43	45300	113.643	ug/l	97
26) 2,2-Dichloropropane	7.081	77	56296	20.794	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	42405	20.617	ug/l	95
28) Bromochloromethane	7.434	49	19392	17.988	ug/l	96
29) Tetrahydrofuran	7.446	42	21230	96.577	ug/l	94
30) Chloroform	7.599	83	69339	21.233	ug/l	96
31) Cyclohexane	7.881	56	44004	19.425	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	59416	21.171	ug/l	100
36) 1,1-Dichloropropene	8.010	75	48306	21.908	ug/l	98
37) Ethyl Acetate	7.169	43	15192	20.716	ug/l	99
38) Carbon Tetrachloride	7.999	117	54823	22.946	ug/l	95
39) Methylcyclohexane	9.275	83	53527	21.174	ug/l	92
40) Benzene	8.252	78	139603	21.967	ug/l	97

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jan 03 00:05:33 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	7.399	41	10379	22.371	ug/l #	90
42) 1,2-Dichloroethane	8.334	62	38544	22.443	ug/l	98
43) Isopropyl Acetate	8.363	43	31309	21.325	ug/l	97
44) Trichloroethene	9.034	130	41805	22.865	ug/l	98
45) 1,2-Dichloropropane	9.310	63	35745	22.197	ug/l	91
46) Dibromomethane	9.399	93	20337	22.548	ug/l	99
47) Bromodichloromethane	9.581	83	52115	22.245	ug/l #	95
48) Methyl methacrylate	9.381	41	15176	18.341	ug/l	96
49) 1,4-Dioxane	9.387	88	3589	420.936	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	83066	110.262	ug/l	91
52) Toluene	10.334	92	97812	23.730	ug/l	92
53) t-1,3-Dichloropropene	10.557	75	47284	22.245	ug/l	94
54) cis-1,3-Dichloropropene	10.022	75	56867	22.278	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	28757	22.657	ug/l	95
56) Ethyl methacrylate	10.593	69	22157	21.998	ug/l #	92
57) 1,3-Dichloropropane	10.875	76	46533	22.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	42920	98.422	ug/l	99
59) 2-Hexanone	10.922	43	66612	113.833	ug/l	93
60) Dibromochloromethane	11.075	129	36469	22.555	ug/l	96
61) 1,2-Dibromoethane	11.181	107	26984	22.176	ug/l	97
64) Tetrachloroethene	10.810	164	34604	23.070	ug/l	92
65) Chlorobenzene	11.604	112	103214	21.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	40476	22.676	ug/l	96
67) Ethyl Benzene	11.681	91	176985	21.527	ug/l	94
68) m/p-Xylenes	11.793	106	140166	43.805	ug/l	97
69) o-Xylene	12.122	106	64860	21.749	ug/l	96
70) Styrene	12.134	104	97394	22.119	ug/l	96
71) Bromoform	12.298	173	22533	22.882	ug/l #	99
73) Isopropylbenzene	12.422	105	174471	22.457	ug/l	98
74) N-amyl acetate	12.234	43	27928	21.654	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	31413	22.247	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	37755	39.673	ug/l #	100
77) Bromobenzene	12.698	156	44214	23.393	ug/l	98
78) n-propylbenzene	12.763	91	208002	22.242	ug/l	99
79) 2-Chlorotoluene	12.851	91	114435	22.623	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	145103	22.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9190	20.808	ug/l	92
82) 4-Chlorotoluene	12.946	91	122283	22.548	ug/l	98
83) tert-Butylbenzene	13.169	119	130542	22.678	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	149159	22.789	ug/l	96
85) sec-Butylbenzene	13.345	105	188678	22.958	ug/l	98
86) p-Isopropyltoluene	13.463	119	165304	22.476	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	88667	22.674	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	87169	22.728	ug/l	97
89) n-Butylbenzene	13.787	91	151529	22.446	ug/l	98
90) Hexachloroethane	14.051	117	34596	23.529	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	76255	22.706	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4771	24.125	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	50106	22.852	ug/l	98
94) Hexachlorobutadiene	15.204	225	29546	23.984	ug/l	99
95) Naphthalene	15.334	128	83819	22.455	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	43769	23.526	ug/l	97

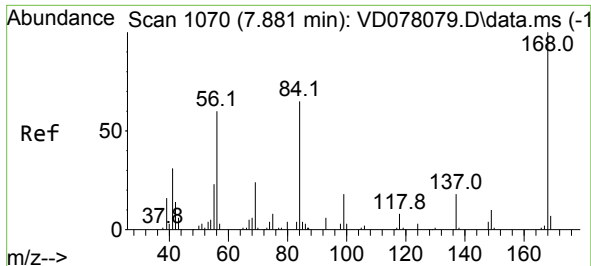
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Data File : VD078119.D
Acq On : 02 Jan 2024 13:01
Operator : RP/MD
Sample : VD0102SBSD02
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

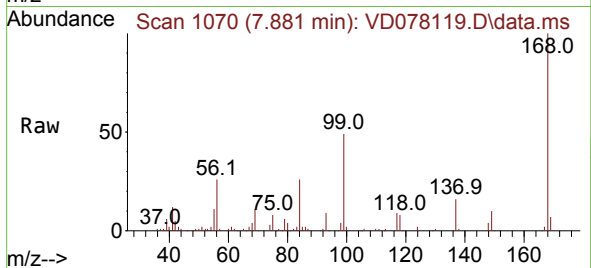
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

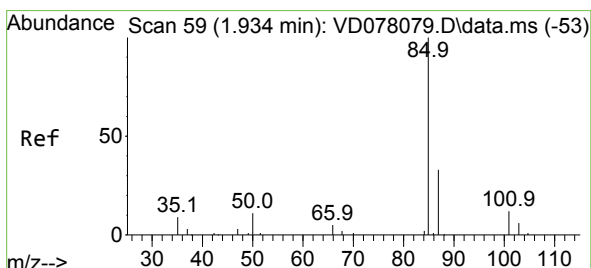
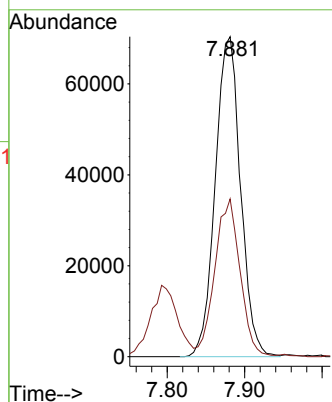
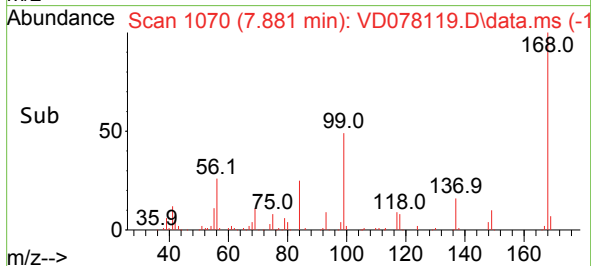


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :

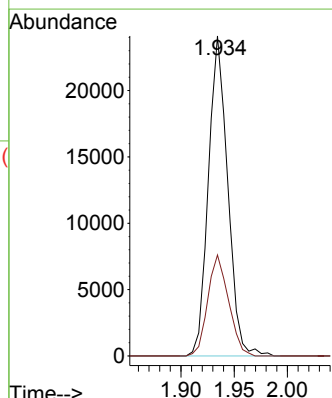
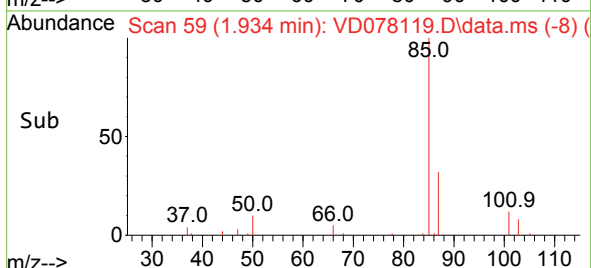
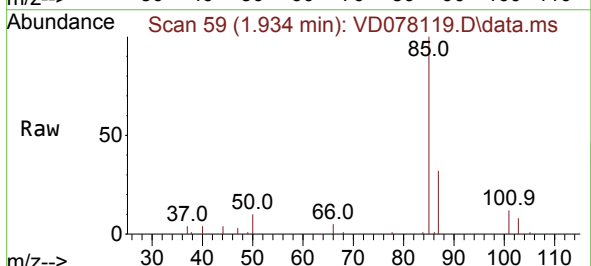


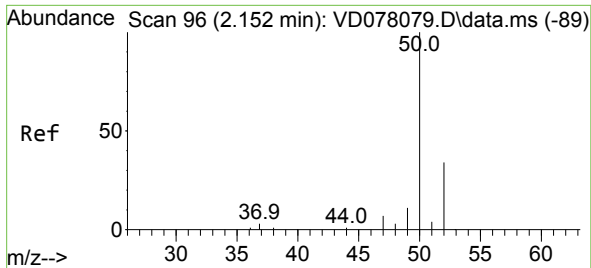
Tgt Ion:168 Resp: 159594
Ion Ratio Lower Upper
168 100
99 48.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 22.240 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 85 Resp: 30420
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

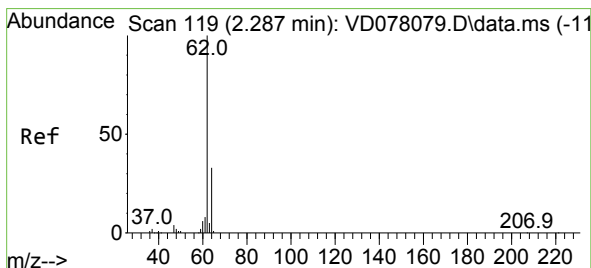
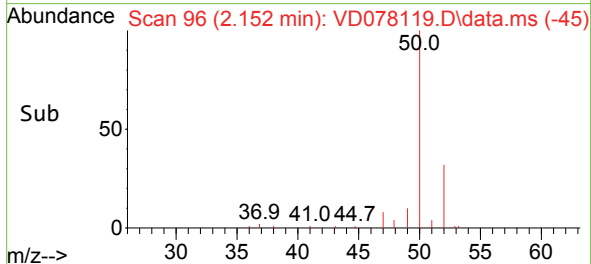
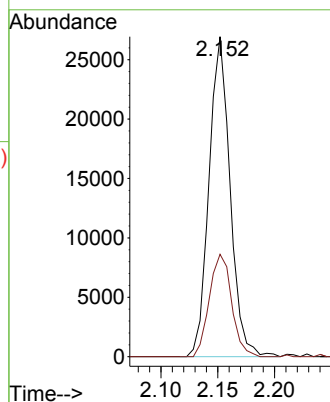
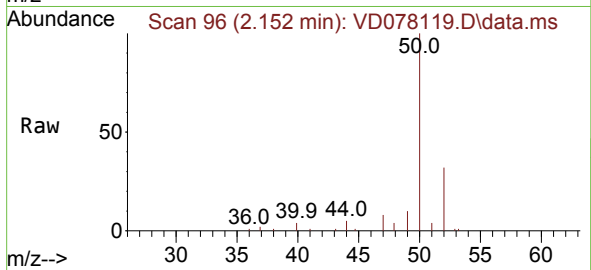




#3
Chloromethane
Concen: 18.433 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

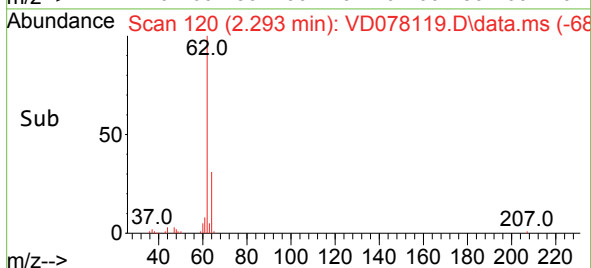
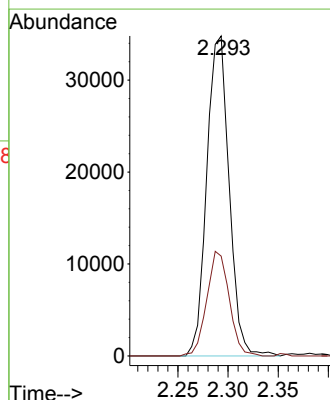
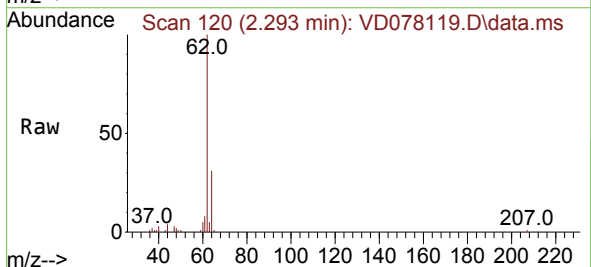
Instrument :
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ClientSampleId :

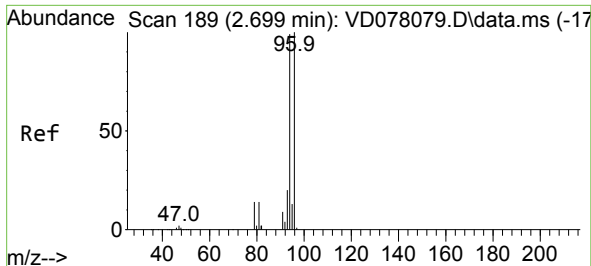
Tgt Ion: 50 Resp: 34771
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 19.002 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 62 Resp: 54026
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

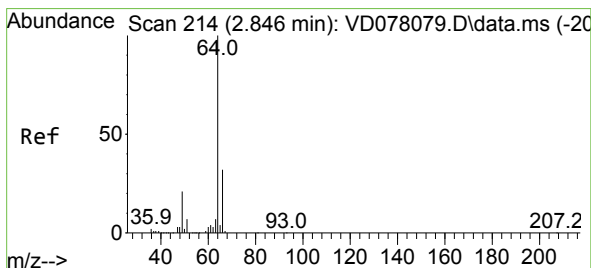
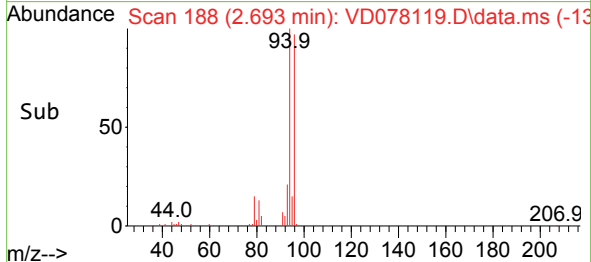
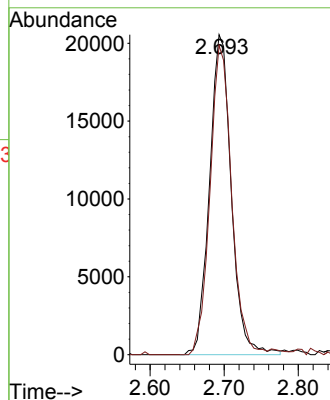
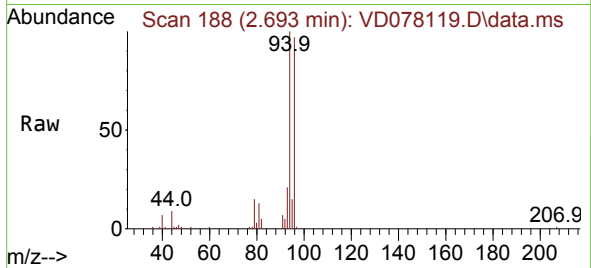




#5
Bromomethane
Concen: 18.378 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

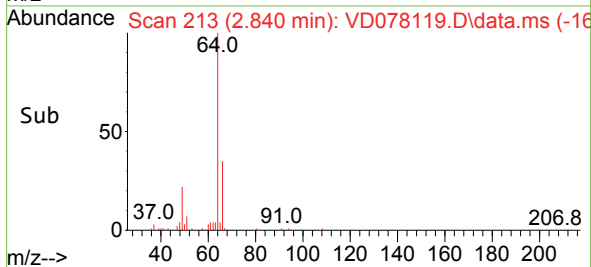
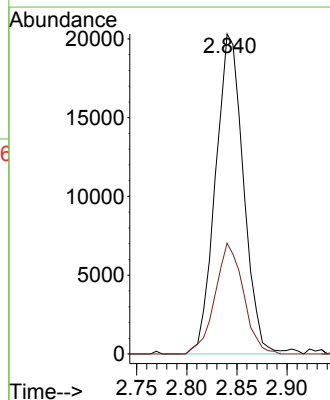
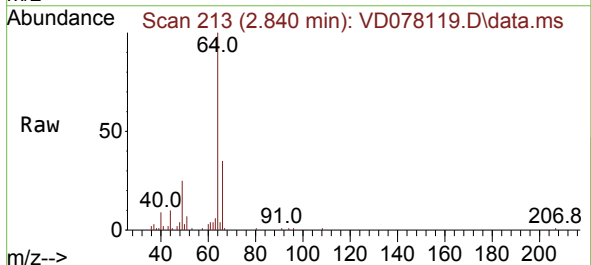
Instrument :
MSVOA_D
ClientSampleId :

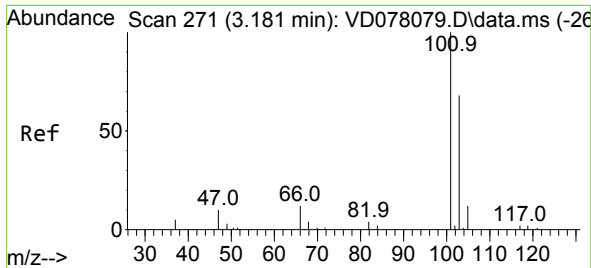
Tgt Ion: 94 Resp: 41895
Ion Ratio Lower Upper
94 100
96 96.1 75.8 113.8



#6
Chloroethane
Concen: 18.774 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 64 Resp: 39226
Ion Ratio Lower Upper
64 100
66 34.6 25.5 38.3

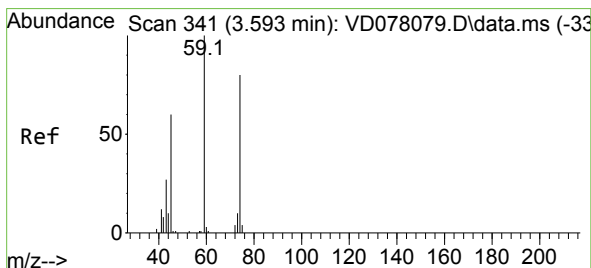
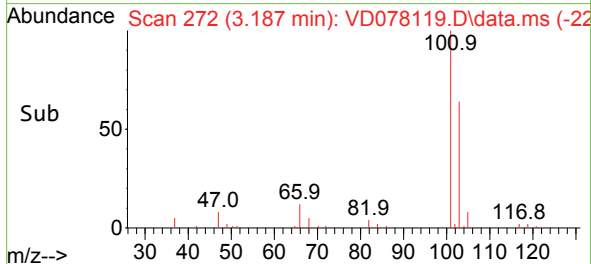
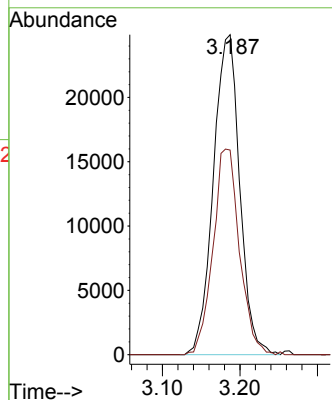
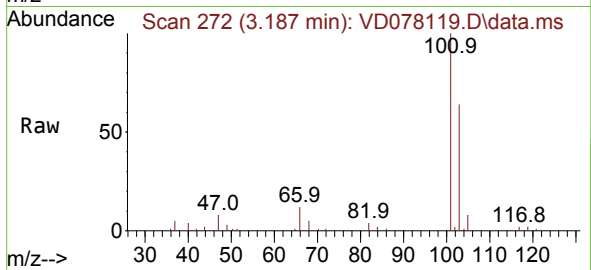




#7
Trichlorofluoromethane
Concen: 21.507 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

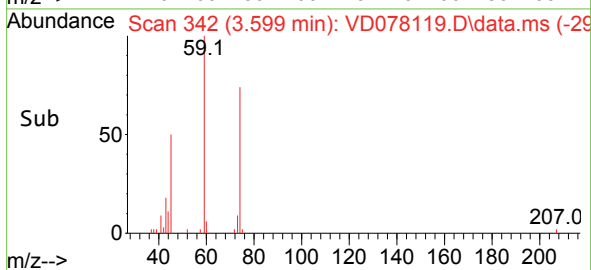
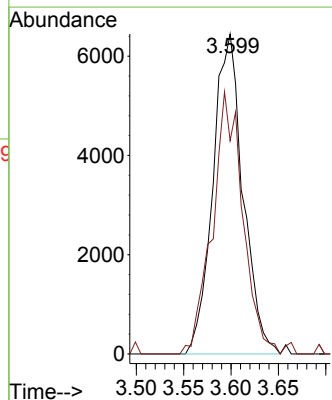
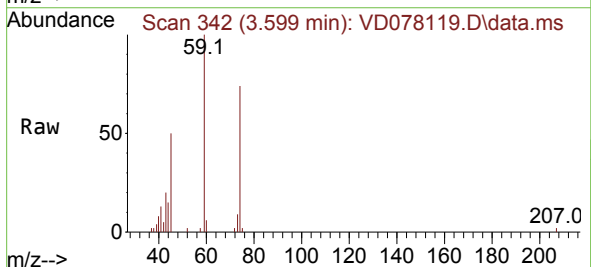
Instrument :
MSVOA_D
ClientSampleId :

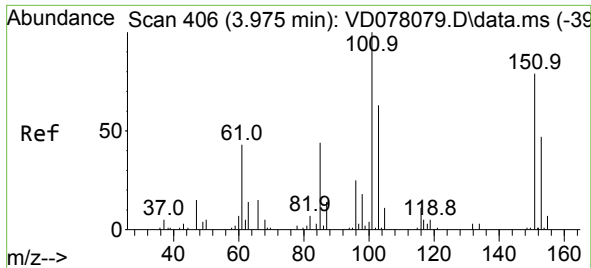
Tgt Ion:101 Resp: 58857
Ion Ratio Lower Upper
101 100
103 63.9 52.3 78.5



#8
Diethyl Ether
Concen: 18.986 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 74 Resp: 14248
Ion Ratio Lower Upper
74 100
45 82.8 37.5 112.7

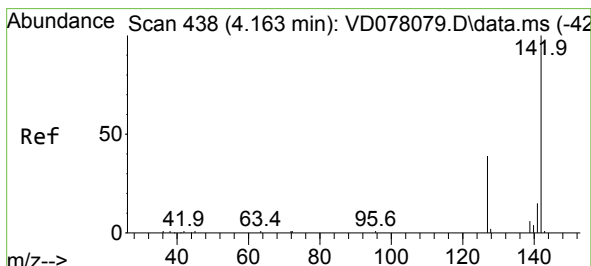
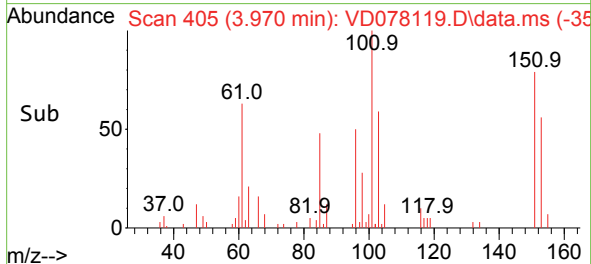
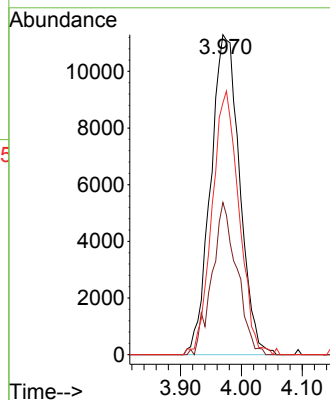
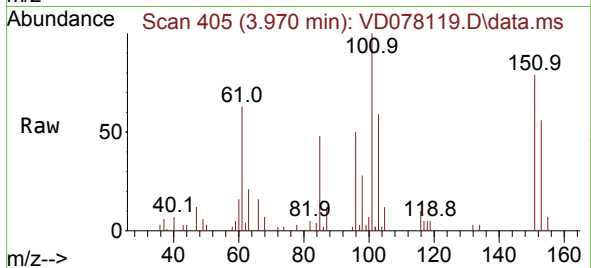




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.905 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

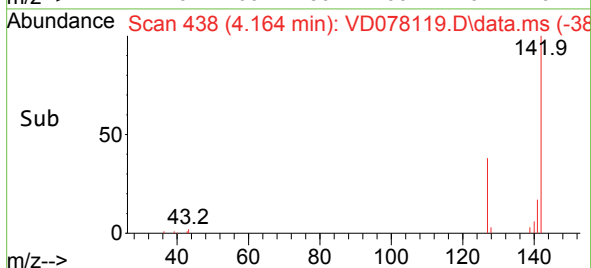
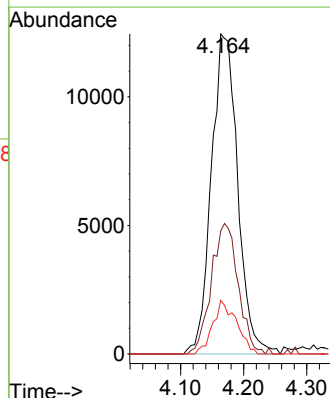
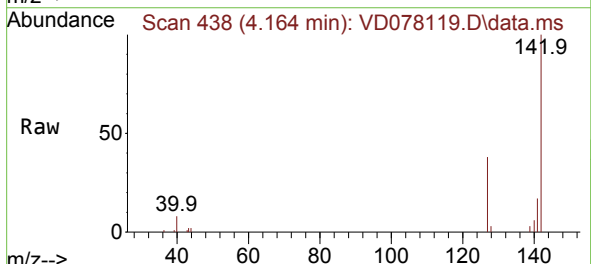
Instrument :
MSVOA_D
ClientSampleId :

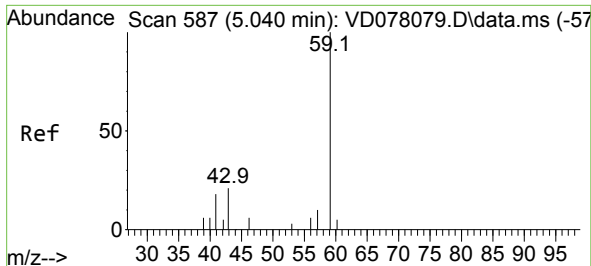
Tgt Ion:101 Resp: 37337
Ion Ratio Lower Upper
101 100
85 40.8 33.8 50.6
151 76.7 59.8 89.6



#10
Methyl Iodide
Concen: 22.485 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

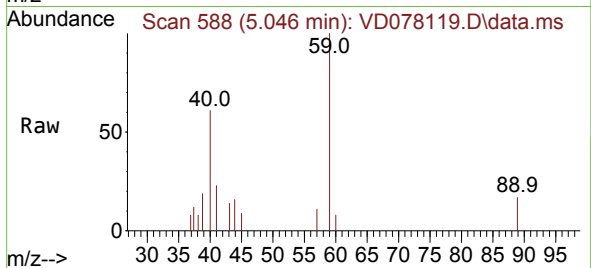
Tgt Ion:142 Resp: 36014
Ion Ratio Lower Upper
142 100
127 41.5 29.4 44.0
141 15.1 11.1 16.7



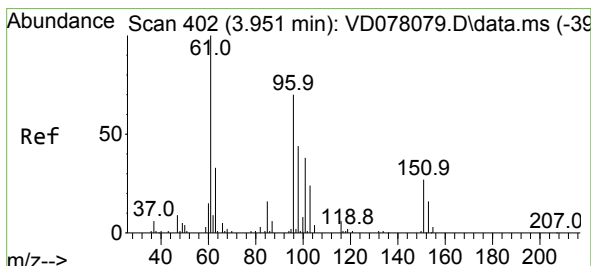
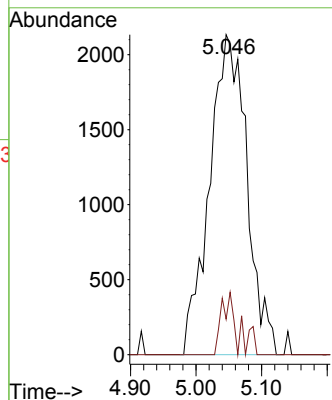
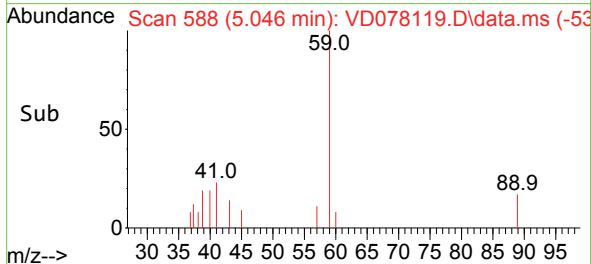


#11
Tert butyl alcohol
Concen: 122.260 ug/l
RT: 5.046 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :

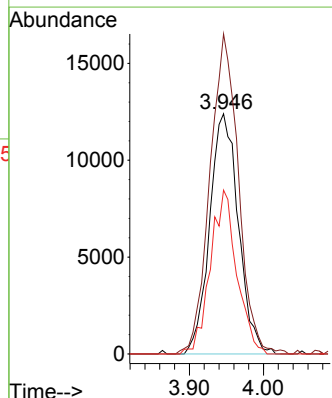
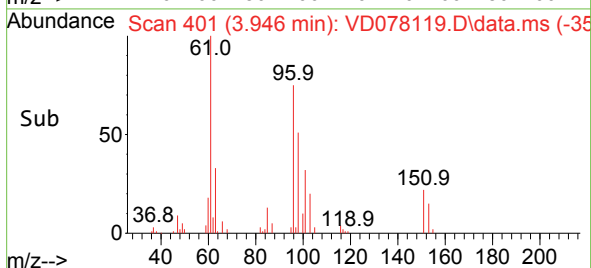
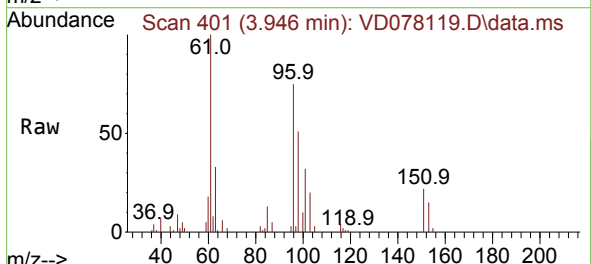


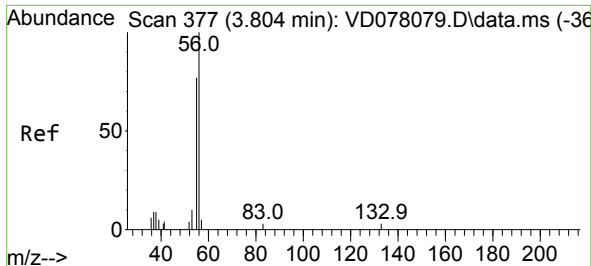
Tgt Ion: 59 Resp: 8451
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.147 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 96 Resp: 33402
Ion Ratio Lower Upper
96 100
61 132.0 100.6 150.8
98 68.3 50.2 75.2

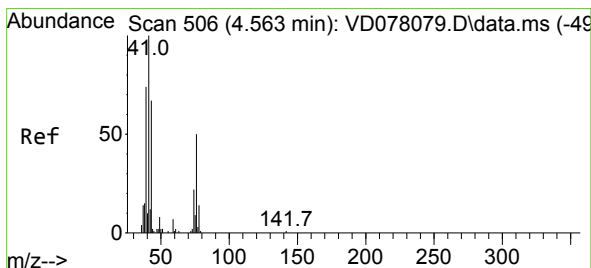
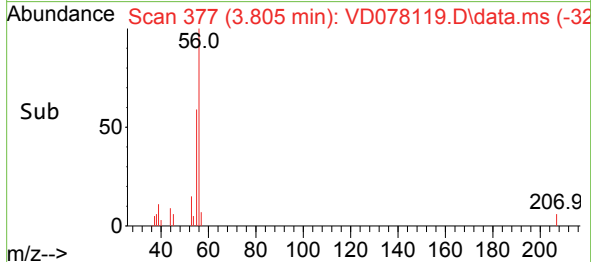
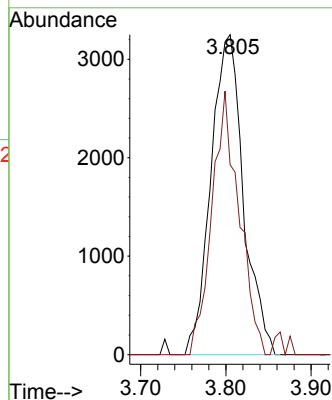
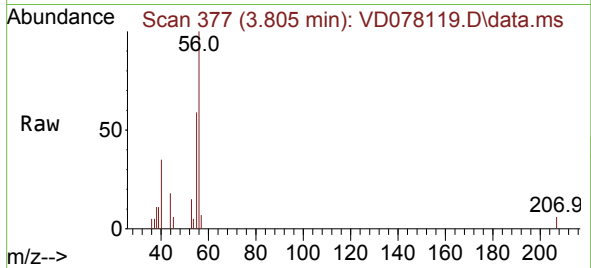




#13
Acrolein
Concen: 115.136 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

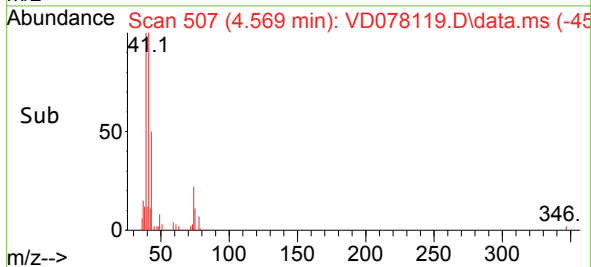
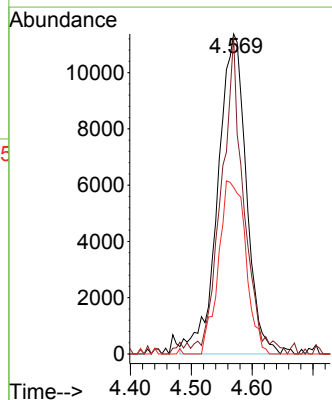
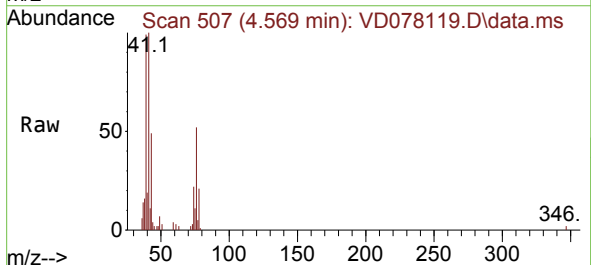
Instrument :
MSVOA_D
ClientSampleId :

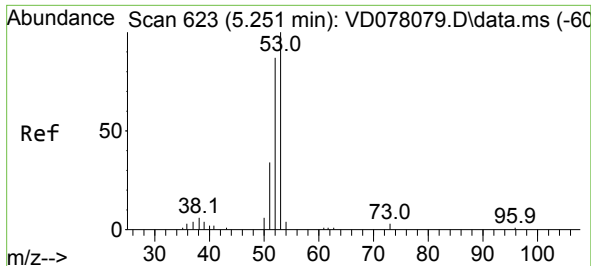
Tgt Ion: 56 Resp: 8611
Ion Ratio Lower Upper
56 100
55 69.1 55.1 82.7



#14
Allyl chloride
Concen: 20.136 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

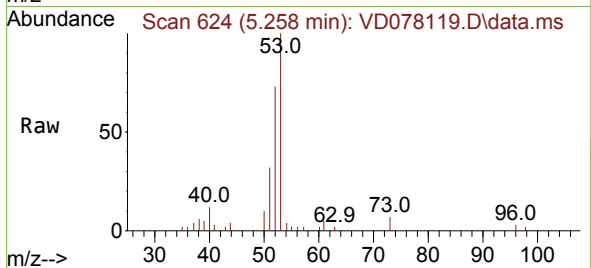
Tgt Ion: 41 Resp: 36708
Ion Ratio Lower Upper
41 100
39 78.2 53.8 80.6
76 51.9 45.8 68.8



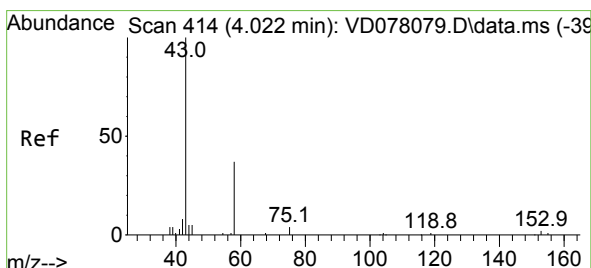
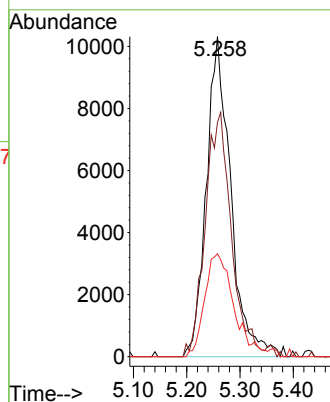
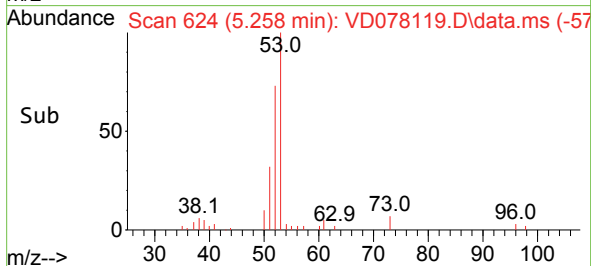


#15
Acrylonitrile
Concen: 104.294 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :

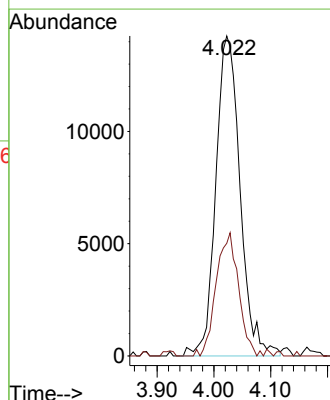
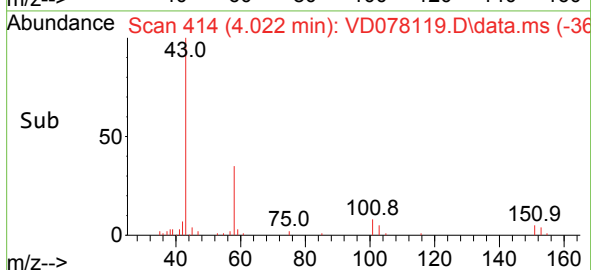
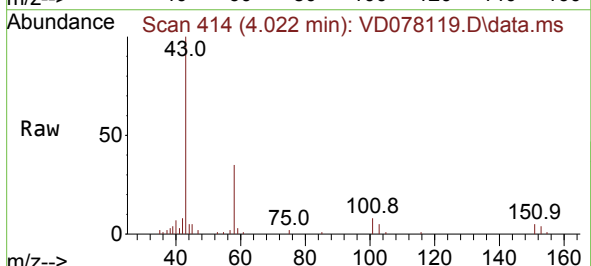


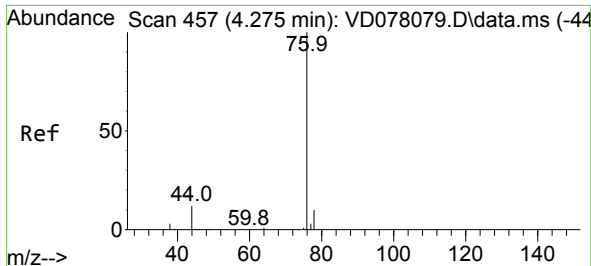
Tgt Ion: 53 Resp: 32739
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 38.6 28.3 42.5



#16
Acetone
Concen: 133.236 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 43 Resp: 42345
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1

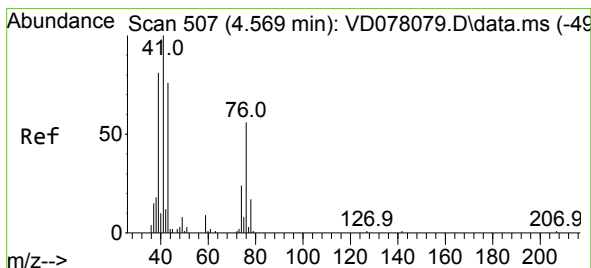
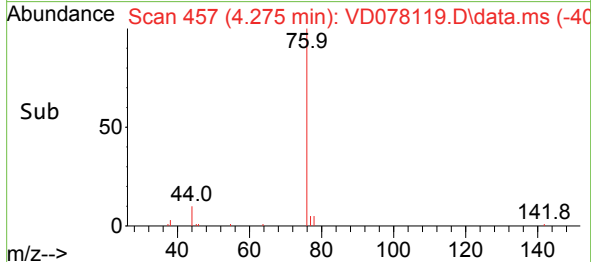
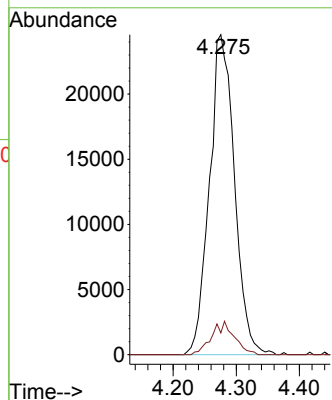
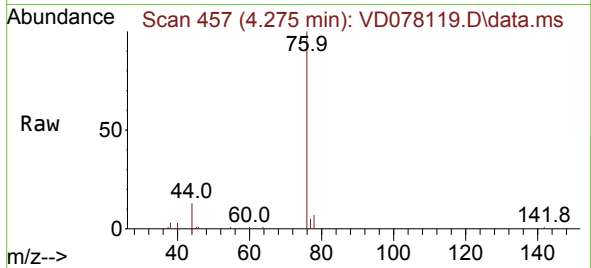




#17
Carbon Disulfide
Concen: 18.199 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

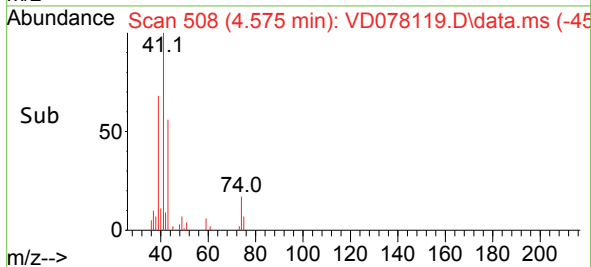
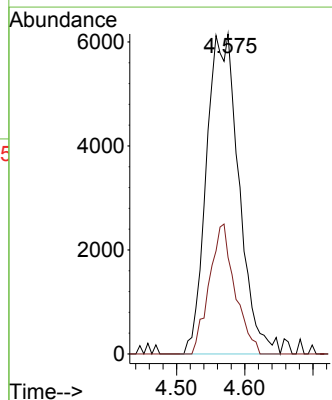
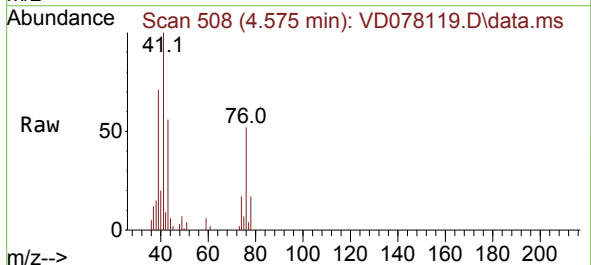
Instrument :
MSVOA_D
ClientSampleId :

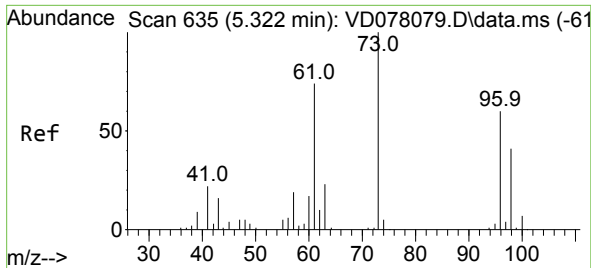
Tgt Ion: 76 Resp: 67820
Ion Ratio Lower Upper
76 100
78 6.8 6.8 10.2#



#18
Methyl Acetate
Concen: 17.500 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 43 Resp: 20367
Ion Ratio Lower Upper
43 100
74 32.0 26.4 39.6

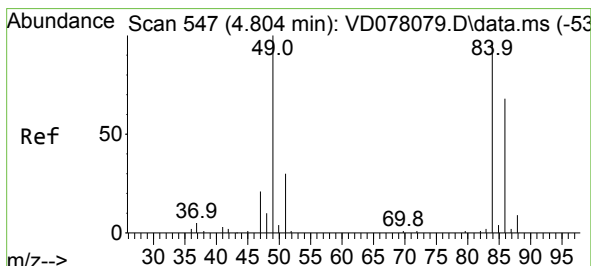
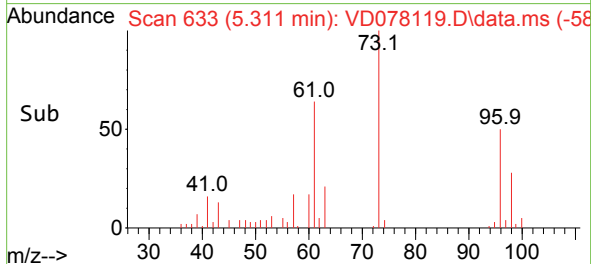
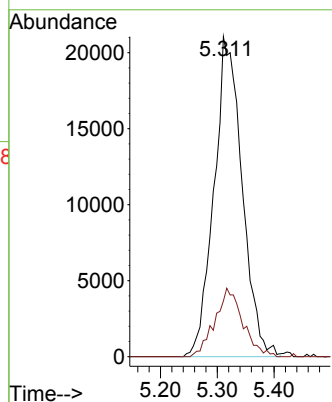
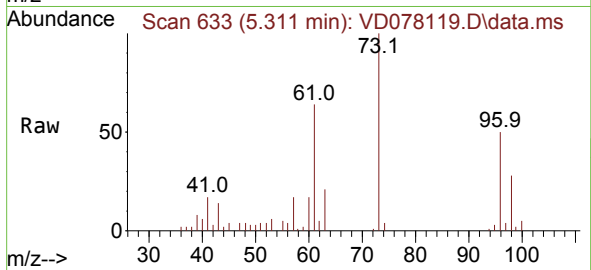




#19
Methyl tert-butyl Ether
Concen: 21.675 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

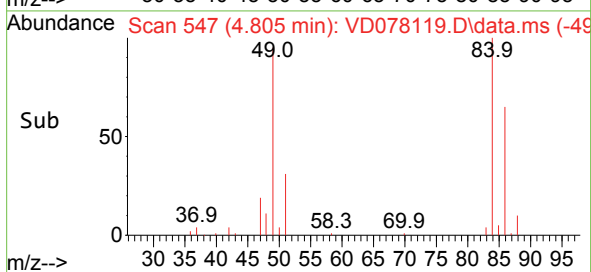
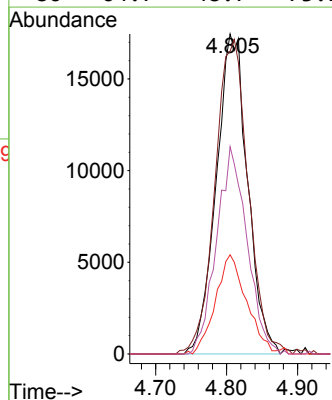
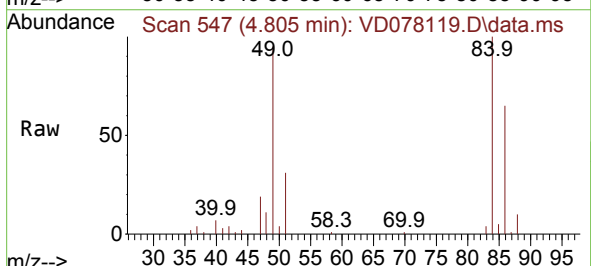
Instrument :
MSVOA_D
ClientSampleId :

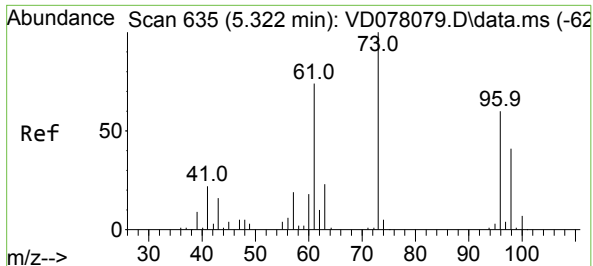
Tgt Ion: 73 Resp: 72351
Ion Ratio Lower Upper
73 100
57 17.4 16.6 25.0



#20
Methylene Chloride
Concen: 29.453 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 84 Resp: 53528
Ion Ratio Lower Upper
84 100
49 93.5 71.4 107.2
51 31.0 24.5 36.7
86 64.7 48.7 73.1

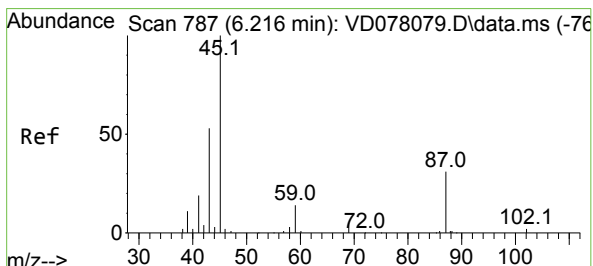
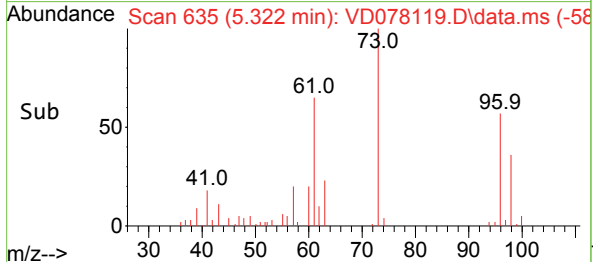
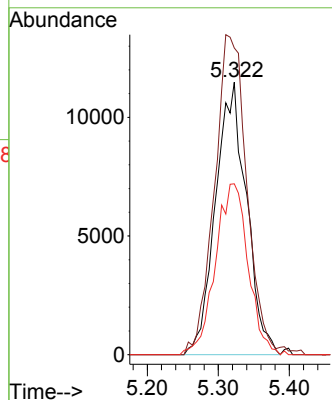
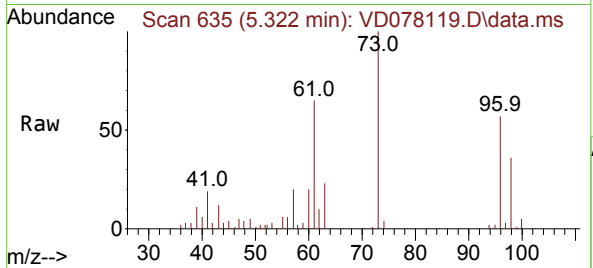




#21
trans-1,2-Dichloroethene
Concen: 20.028 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

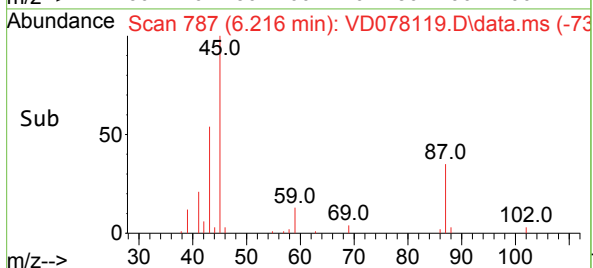
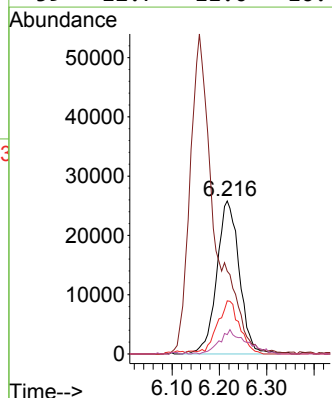
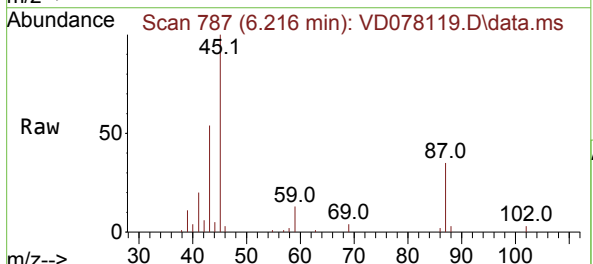
Instrument :
MSVOA_D
ClientSampleId :

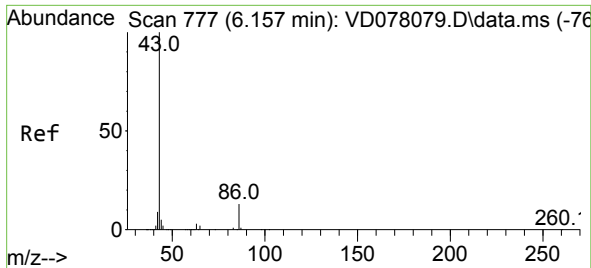
Tgt Ion: 96 Resp: 34723
Ion Ratio Lower Upper
96 100
61 112.6 89.3 133.9
98 62.7 48.6 73.0



#22
Diisopropyl ether
Concen: 20.970 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 45 Resp: 85388
Ion Ratio Lower Upper
45 100
43 52.9 40.0 60.0
87 34.7 28.2 42.4
59 12.7 11.0 16.4

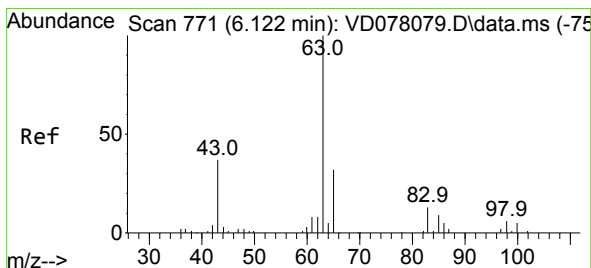
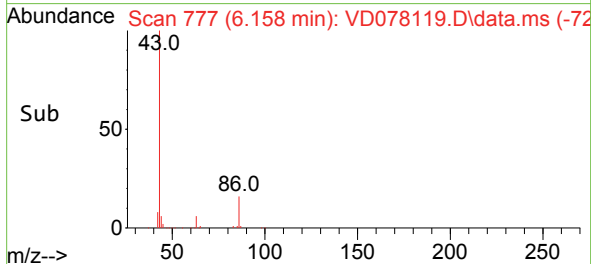
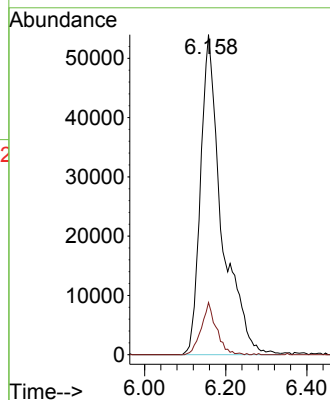
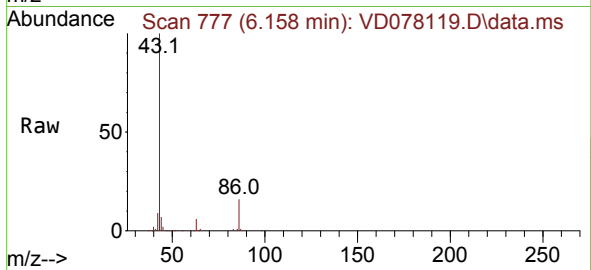




#23
 Vinyl Acetate
 Concen: 125.990 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078119.D
 Acq: 02 Jan 2024 13:01

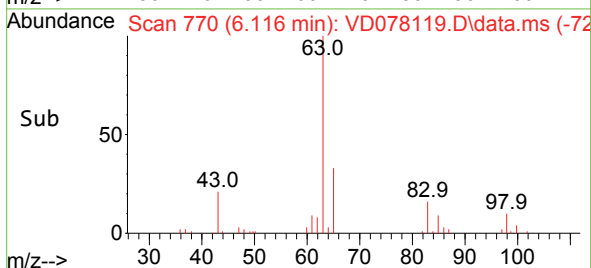
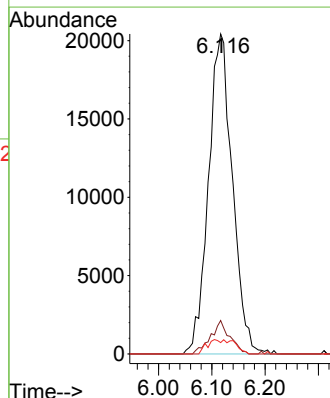
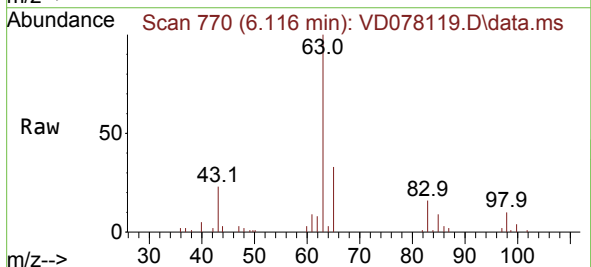
Instrument :
 MSVOA_D
 ClientSampleId :

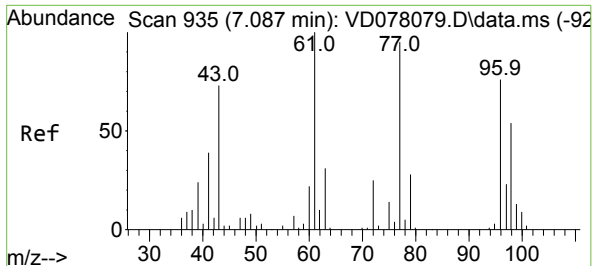
Tgt Ion: 43 Resp: 196131
 Ion Ratio Lower Upper
 43 100
 86 16.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.150 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.005 min
 Lab File: VD078119.D
 Acq: 02 Jan 2024 13:01

Tgt Ion: 63 Resp: 63732
 Ion Ratio Lower Upper
 63 100
 98 10.5 4.5 13.7
 100 3.5 2.5 7.5





#25

2-Butanone

Concen: 113.643 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

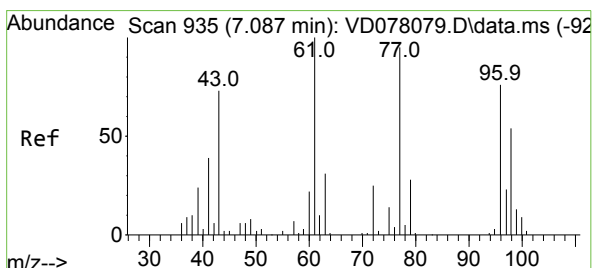
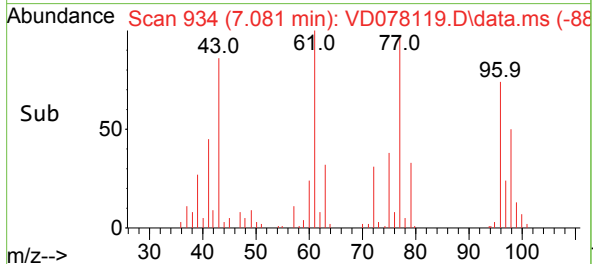
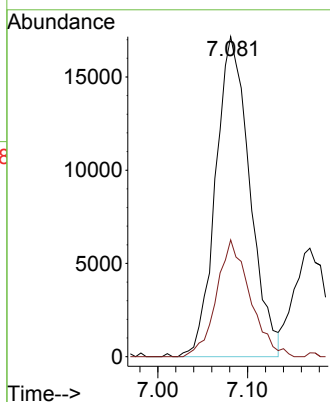
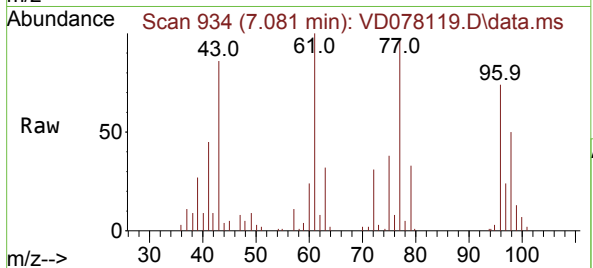
ClientSampleId :

Tgt Ion: 43 Resp: 45300

Ion Ratio Lower Upper

43 100

72 36.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.794 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078119.D

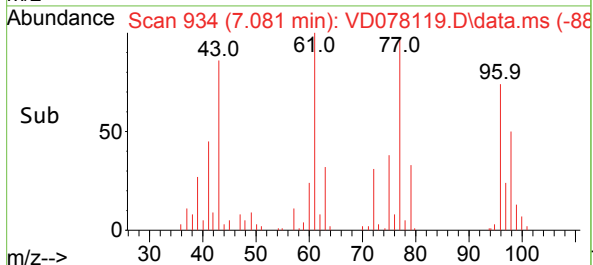
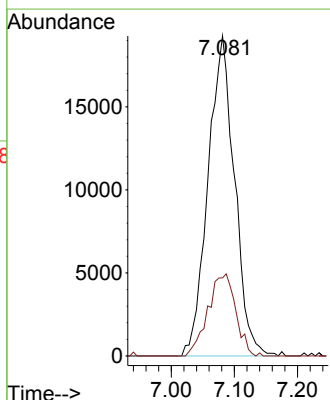
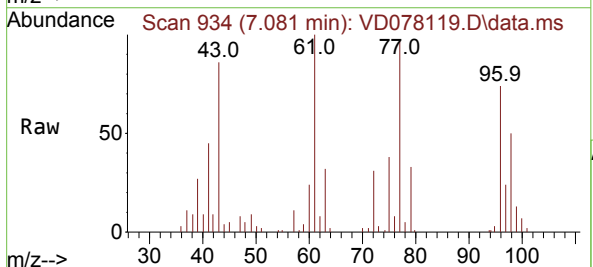
Acq: 02 Jan 2024 13:01

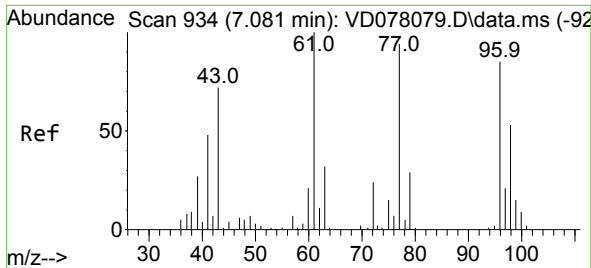
Tgt Ion: 77 Resp: 56296

Ion Ratio Lower Upper

77 100

97 26.7 13.2 39.6

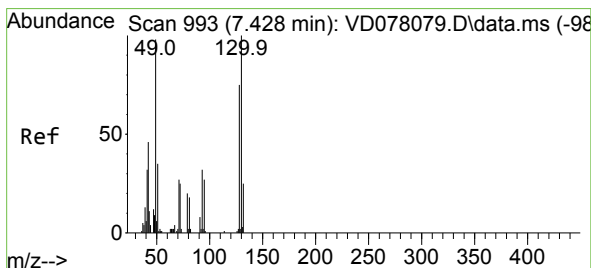
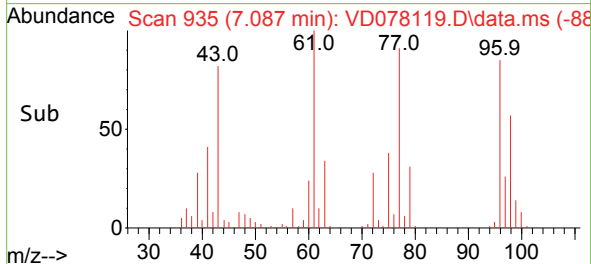
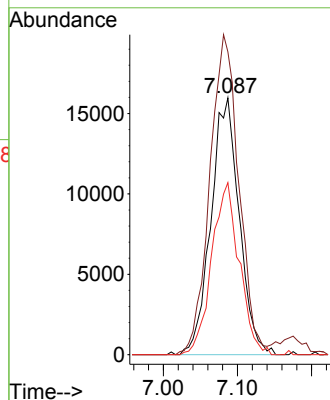
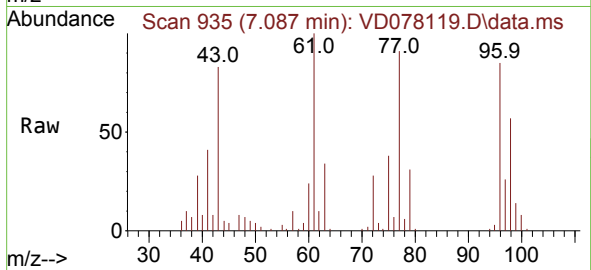




#27
 cis-1,2-Dichloroethene
 Concen: 20.617 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078119.D
 Acq: 02 Jan 2024 13:01

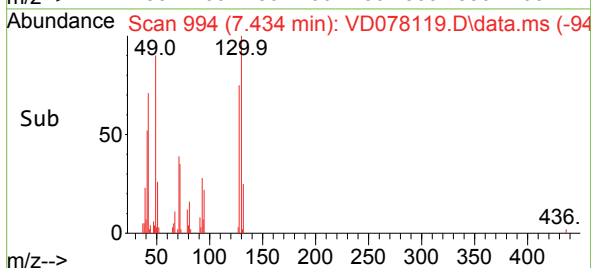
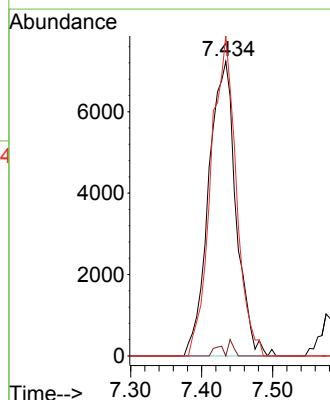
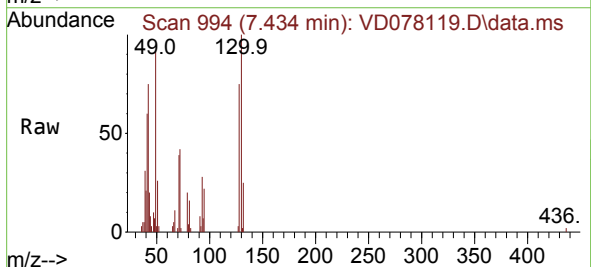
Instrument :
 MSVOA_D
 ClientSampleId :

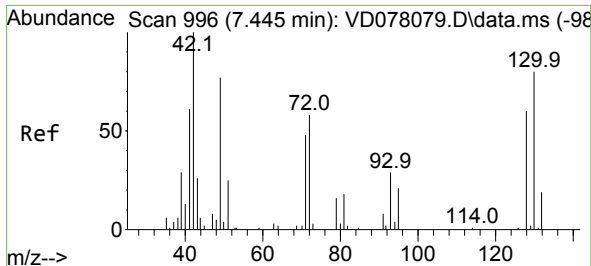
Tgt Ion: 96 Resp: 42405
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 239.2
 98 65.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 17.988 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078119.D
 Acq: 02 Jan 2024 13:01

Tgt Ion: 49 Resp: 19392
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 100.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 96.577 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

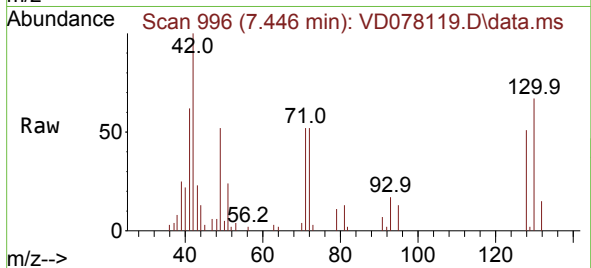
Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :



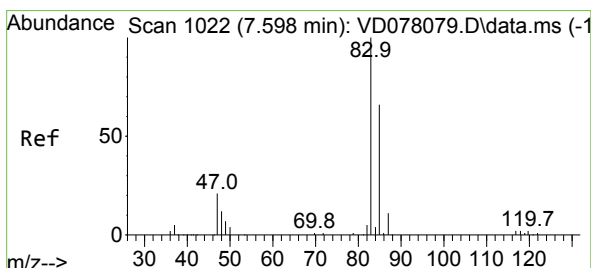
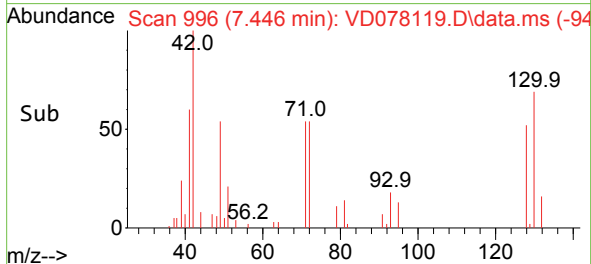
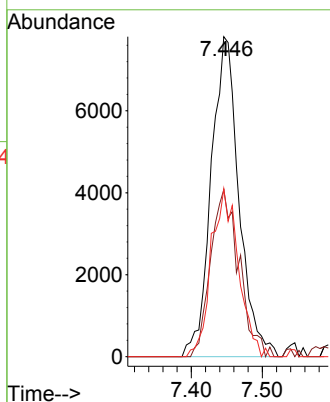
Tgt Ion: 42 Resp: 21230

Ion Ratio Lower Upper

42 100

72 53.5 46.5 69.7

71 51.5 44.5 66.7



#30

Chloroform

Concen: 21.233 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078119.D

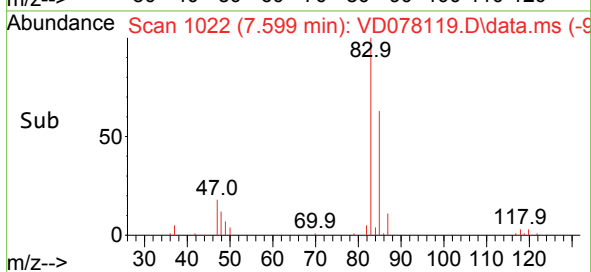
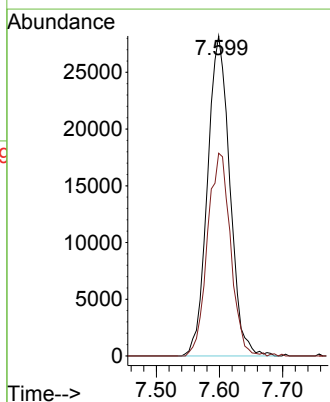
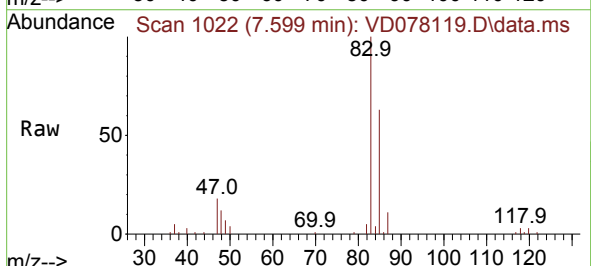
Acq: 02 Jan 2024 13:01

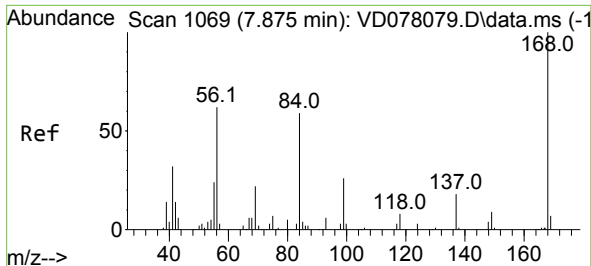
Tgt Ion: 83 Resp: 69339

Ion Ratio Lower Upper

83 100

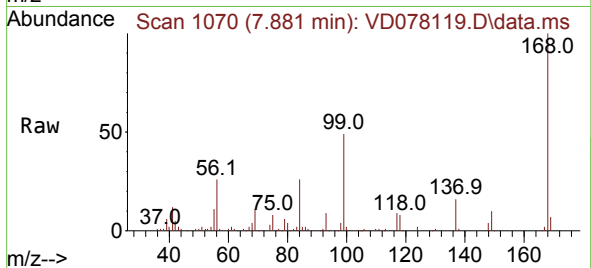
85 63.4 53.4 80.2



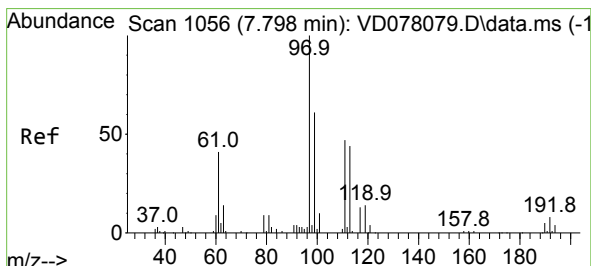
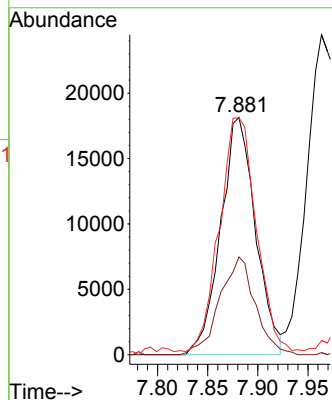
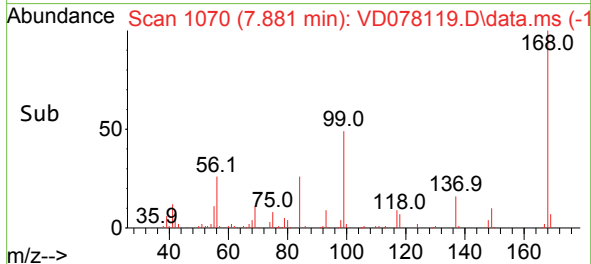


#31
Cyclohexane
Concen: 19.425 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

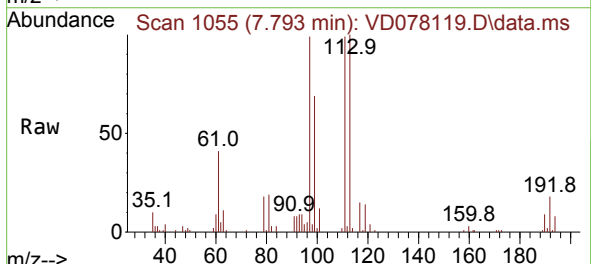
Instrument :
MSVOA_D
ClientSampleId :



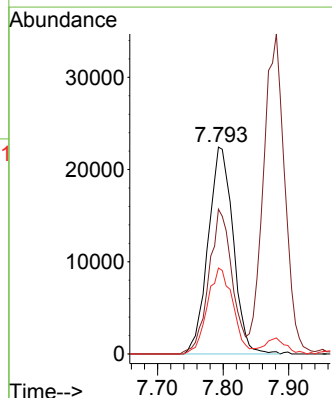
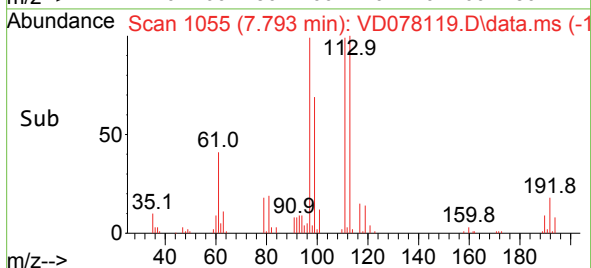
Tgt Ion: 56 Resp: 44004
Ion Ratio Lower Upper
56 100
69 41.2 28.6 43.0
84 98.2 84.8 127.2

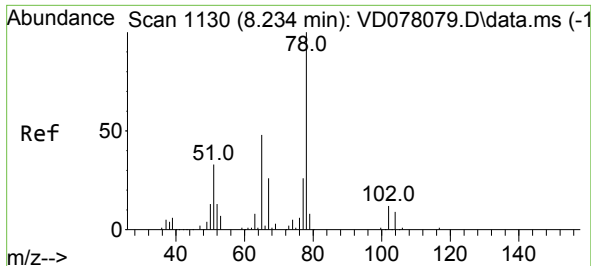


#32
1,1,1-Trichloroethane
Concen: 21.171 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01



Tgt Ion: 97 Resp: 59416
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 42.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.159 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

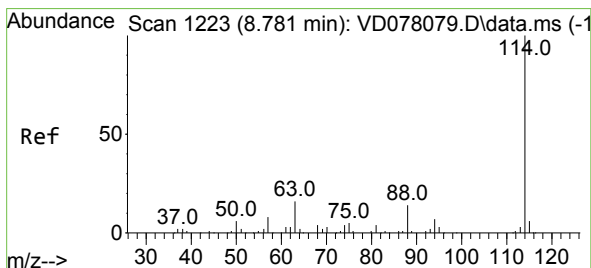
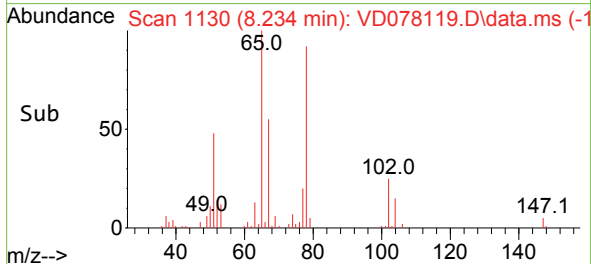
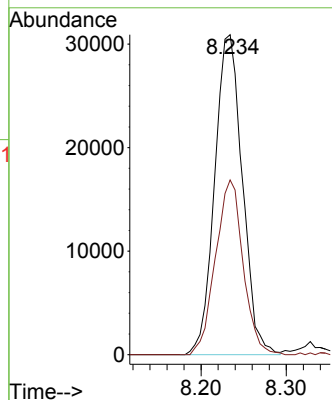
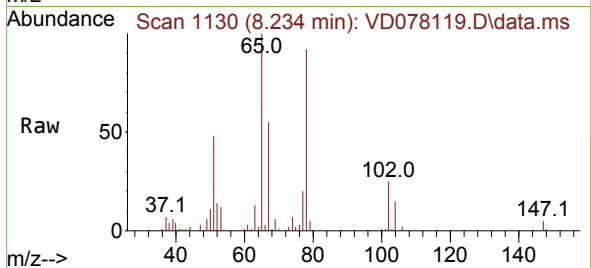
ClientSampleId :

Tgt Ion: 65 Resp: 69807

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: VD078119.D

Acq: 02 Jan 2024 13:01

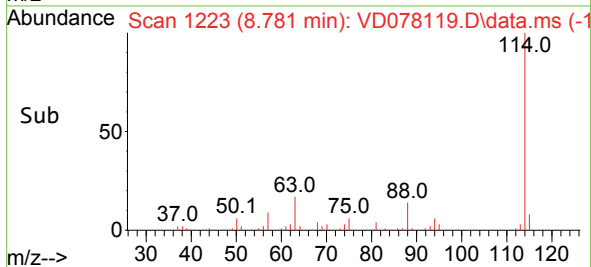
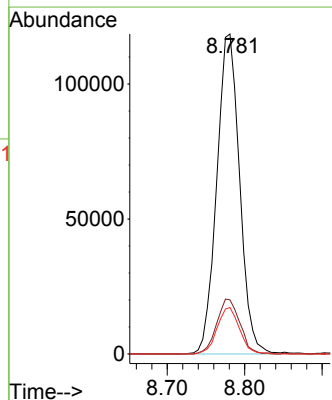
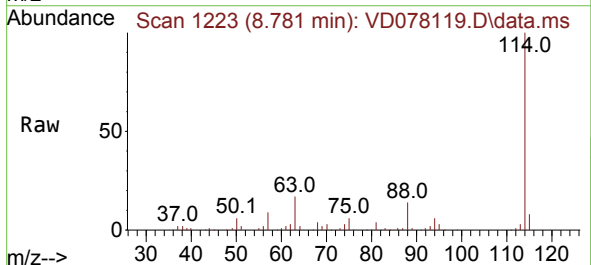
Tgt Ion:114 Resp: 243549

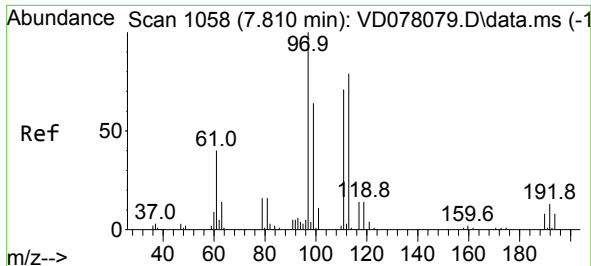
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.622 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

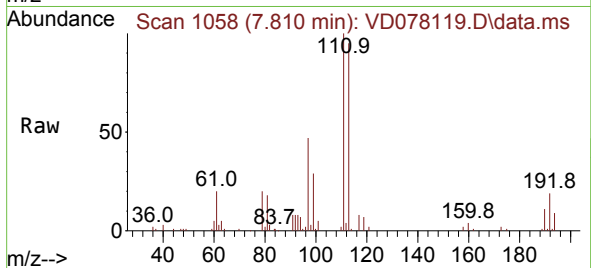
Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :



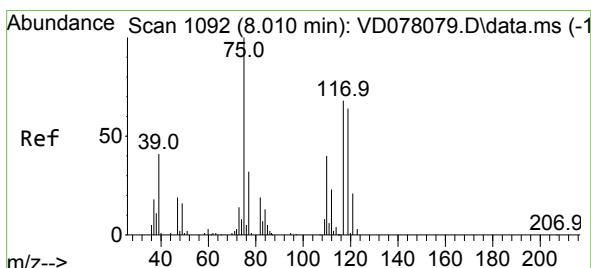
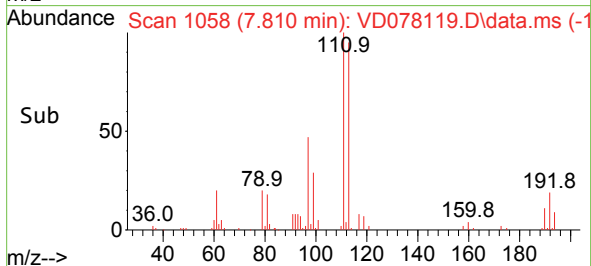
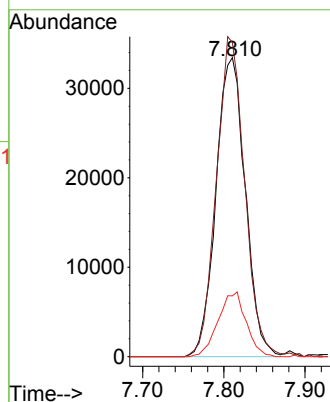
Tgt Ion:113 Resp: 84029

Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 20.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.908 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

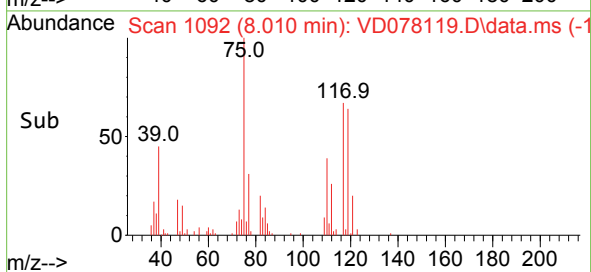
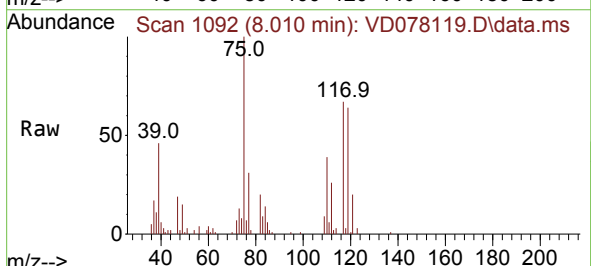
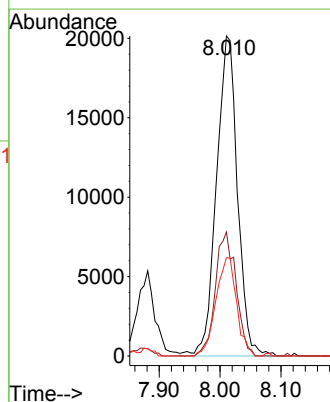
Tgt Ion: 75 Resp: 48306

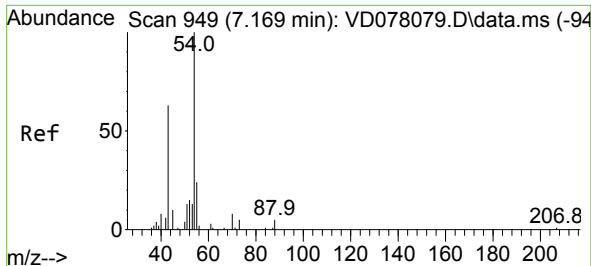
Ion Ratio Lower Upper

75 100

110 38.0 19.9 59.6

77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 20.716 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

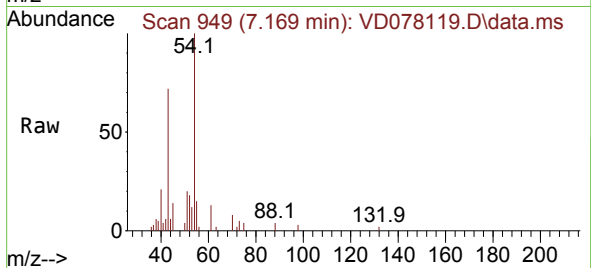
Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :



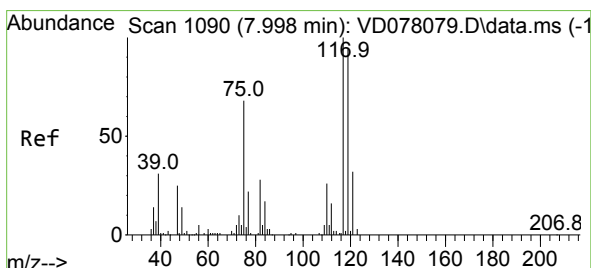
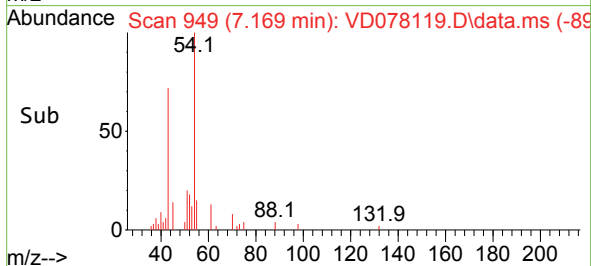
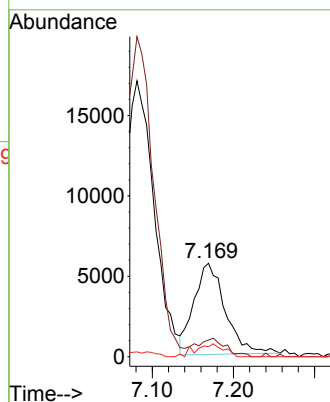
Tgt Ion: 43 Resp: 15192

Ion Ratio Lower Upper

43 100

61 19.1 14.9 22.3

70 12.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 22.946 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

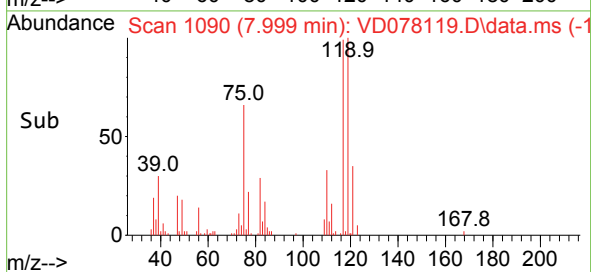
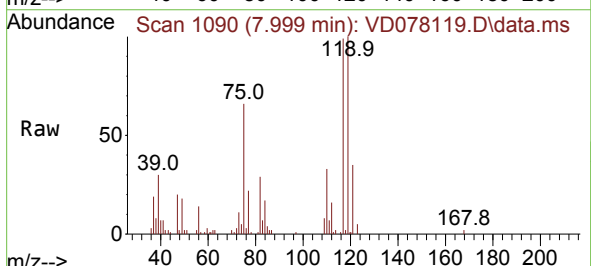
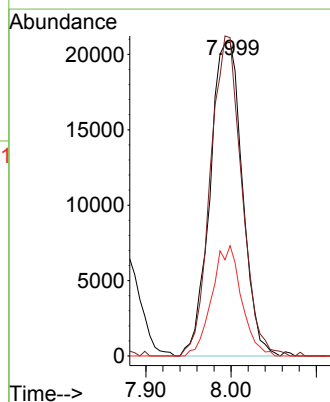
Tgt Ion: 117 Resp: 54823

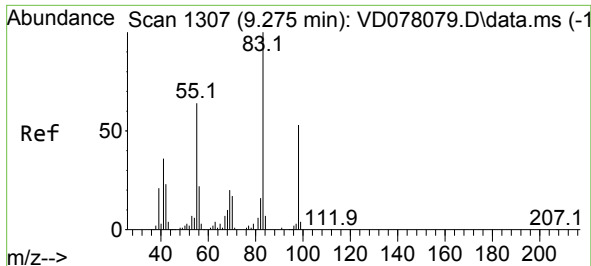
Ion Ratio Lower Upper

117 100

119 101.4 78.0 117.0

121 35.1 24.2 36.2





#39

Methylcyclohexane

Concen: 21.174 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

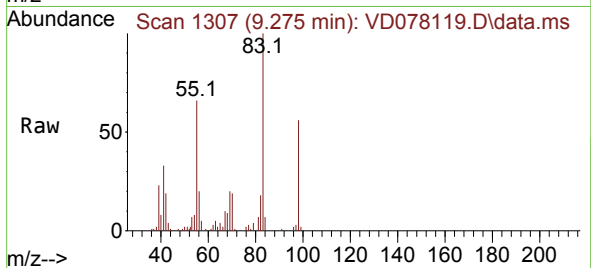
Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :



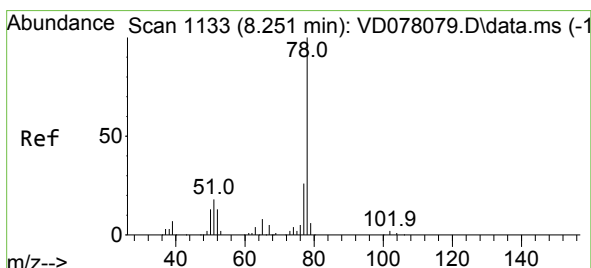
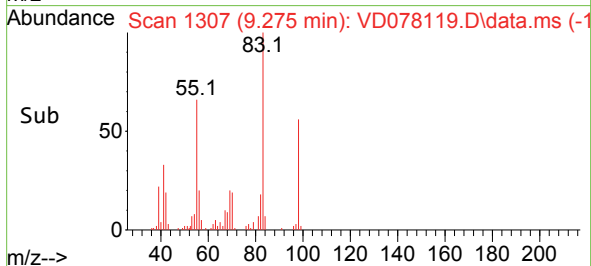
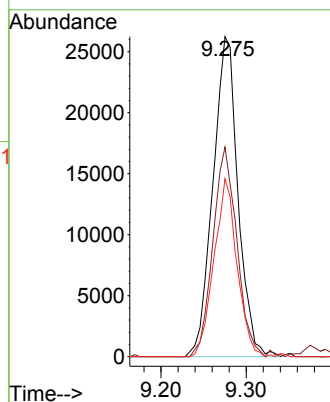
Tgt Ion: 83 Resp: 53527

Ion Ratio Lower Upper

83 100

55 65.5 49.4 74.0

98 55.6 38.4 57.6



#40

Benzene

Concen: 21.967 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078119.D

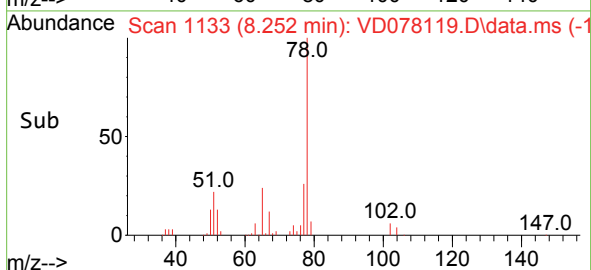
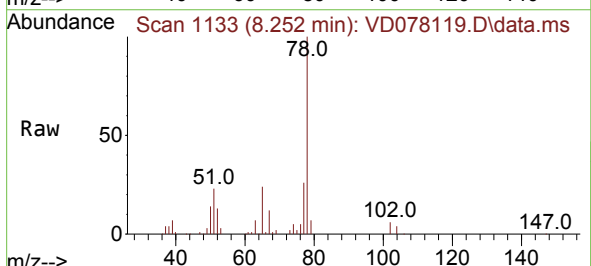
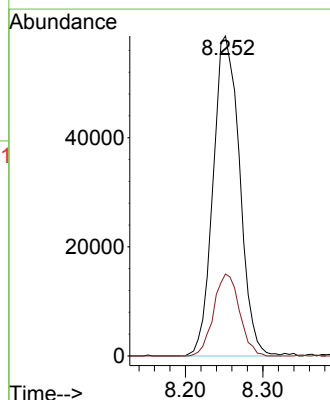
Acq: 02 Jan 2024 13:01

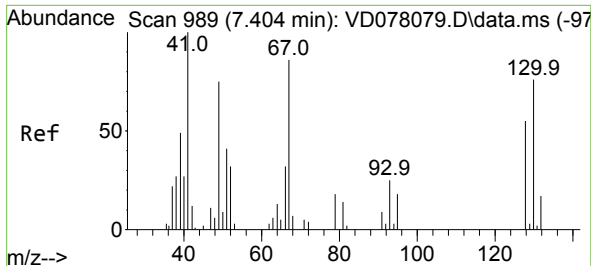
Tgt Ion: 78 Resp: 139603

Ion Ratio Lower Upper

78 100

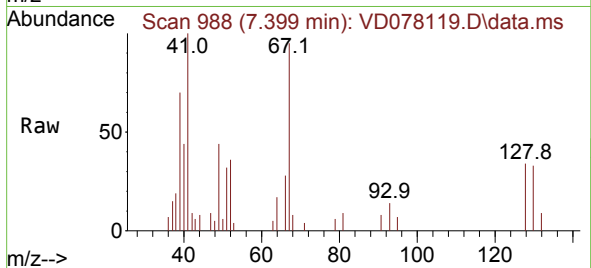
77 25.6 19.4 29.0



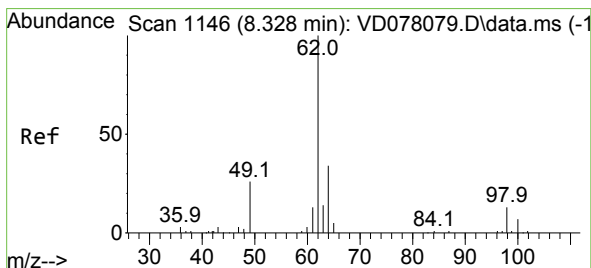
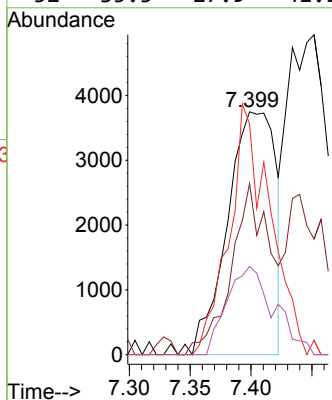
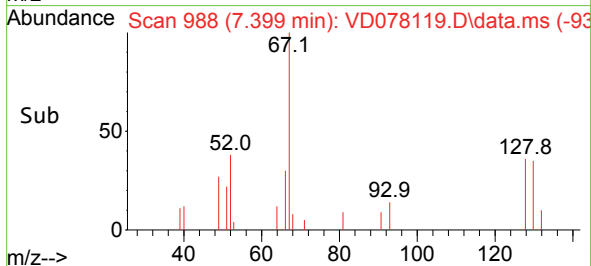


#41
Methacrylonitrile
Concen: 22.371 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

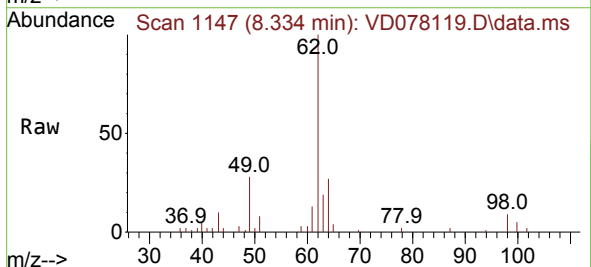
Instrument :
MSVOA_D
ClientSampleId :



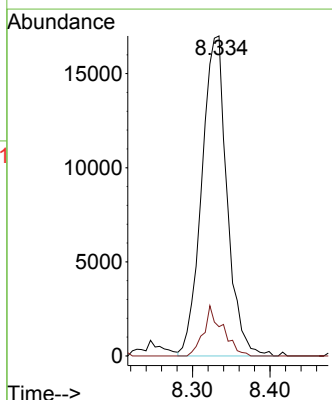
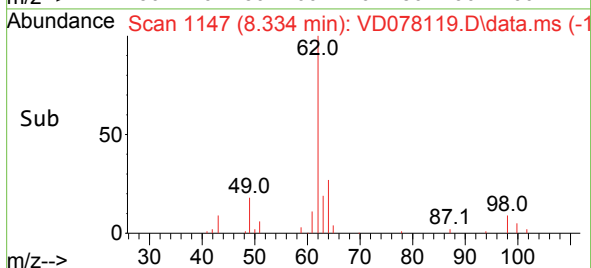
Tgt Ion: 41 Resp: 10379
Ion Ratio Lower Upper
41 100
39 55.2 34.0 51.0#
67 87.6 77.0 115.4
52 35.5 27.9 41.9

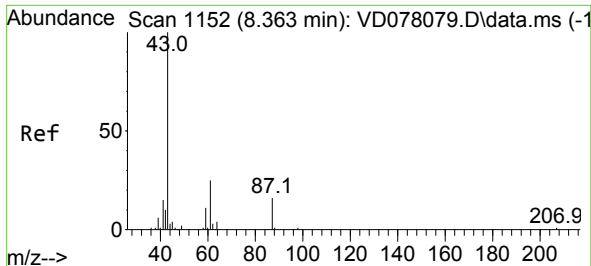


#42
1,2-Dichloroethane
Concen: 22.443 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01



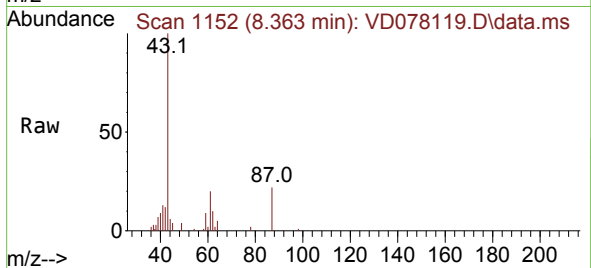
Tgt Ion: 62 Resp: 38544
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4



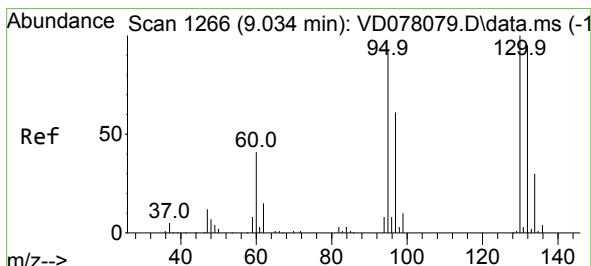
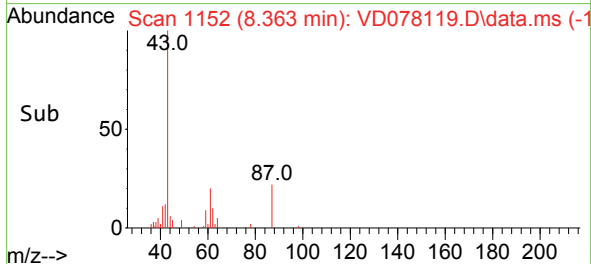
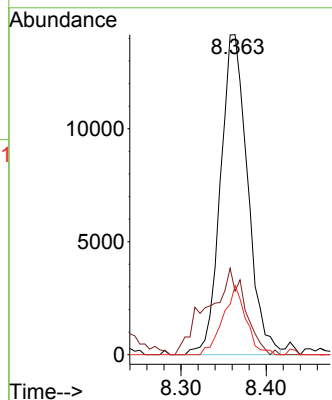


#43
Isopropyl Acetate
Concen: 21.325 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :

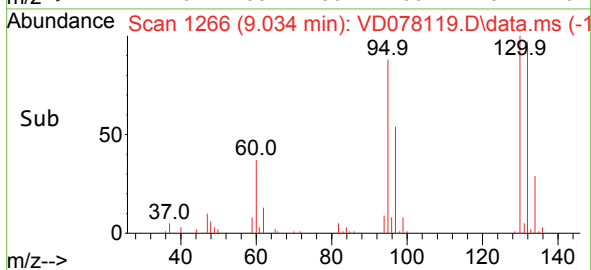
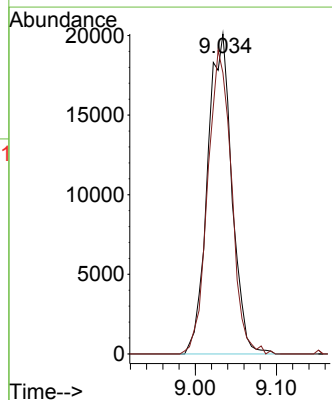
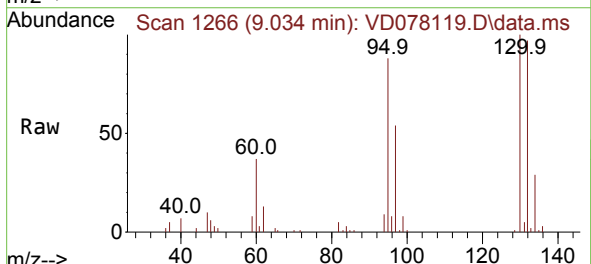


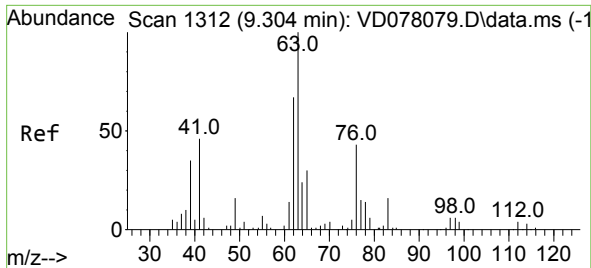
Tgt Ion: 43 Resp: 31309
Ion Ratio Lower Upper
43 100
61 36.9 31.4 47.0
87 18.4 14.9 22.3



#44
Trichloroethene
Concen: 22.865 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion:130 Resp: 41805
Ion Ratio Lower Upper
130 100
95 87.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.197 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

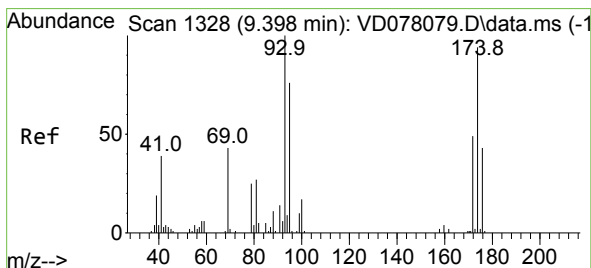
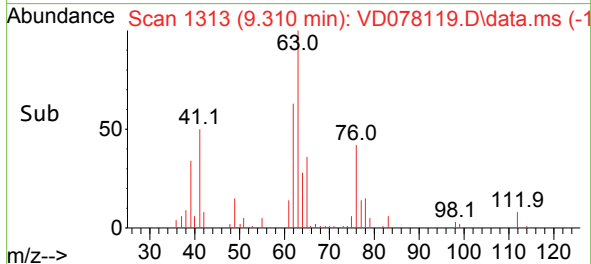
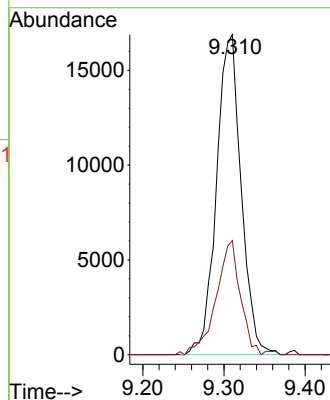
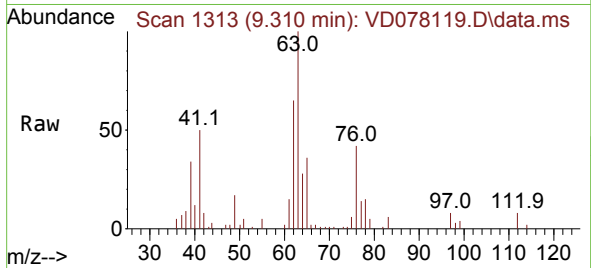
ClientSampleId :

Tgt Ion: 63 Resp: 35745

Ion Ratio Lower Upper

63 100

65 35.7 24.5 36.7



#46

Dibromomethane

Concen: 22.548 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

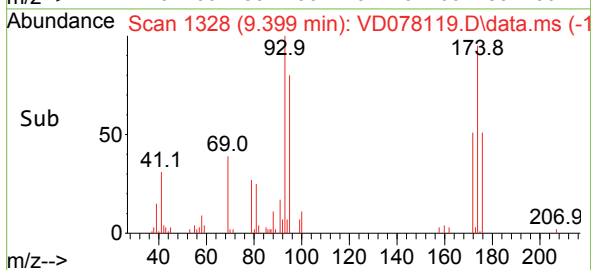
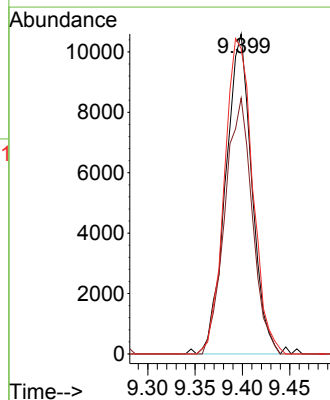
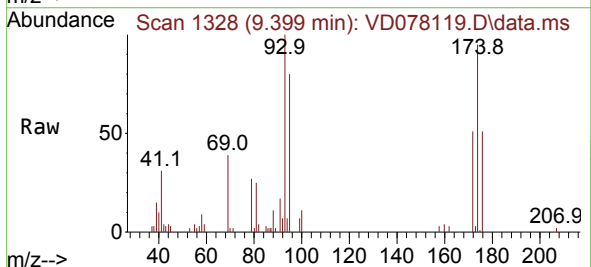
Tgt Ion: 93 Resp: 20337

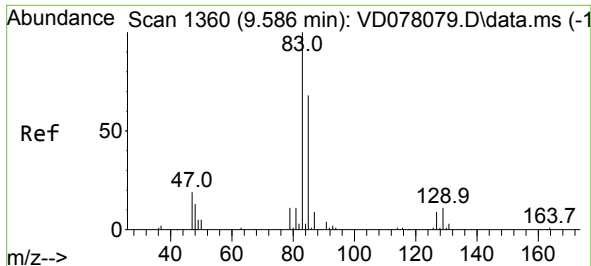
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 106.4 85.4 128.2

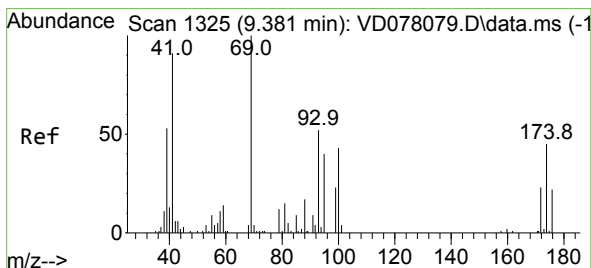
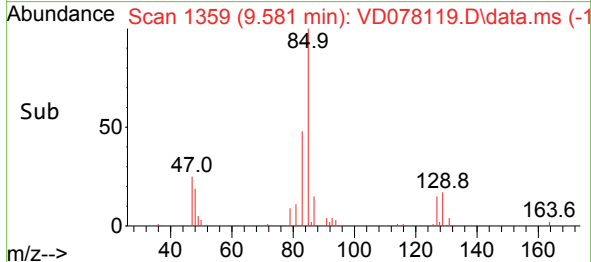
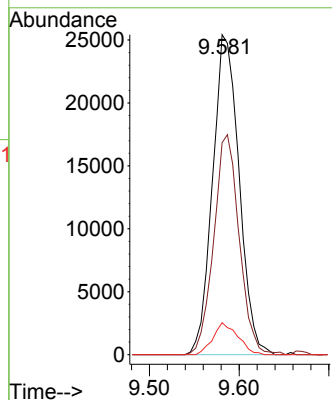
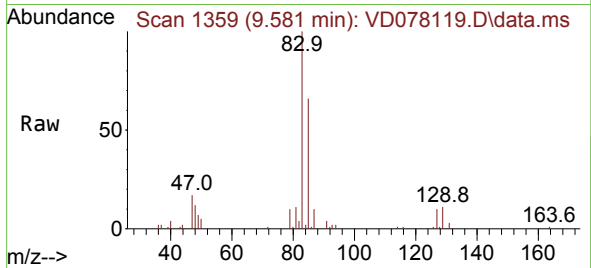




#47
Bromodichloromethane
Concen: 22.245 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

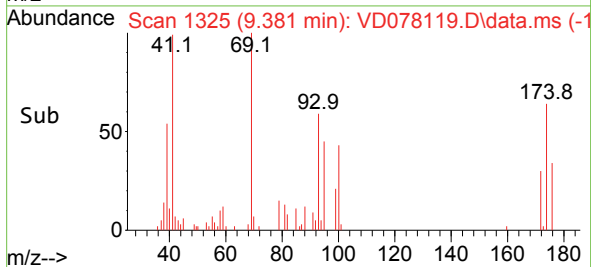
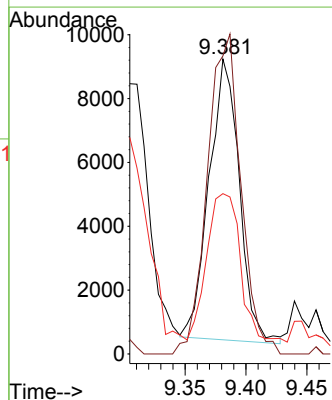
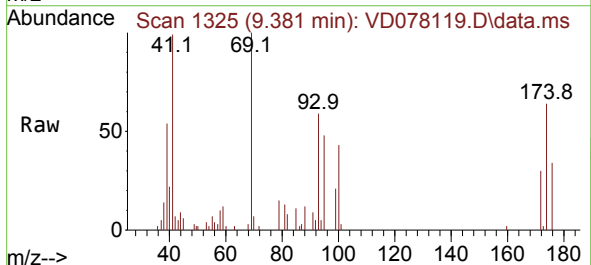
Instrument :
MSVOA_D
ClientSampleId :

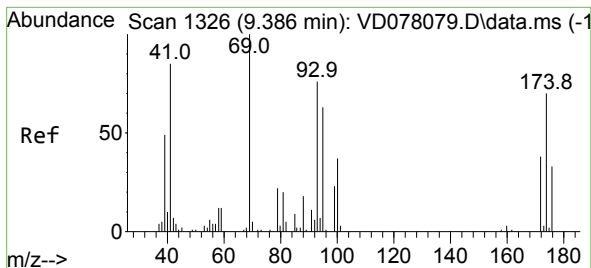
Tgt Ion: 83 Resp: 52115
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.4
127 10.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 18.341 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 41 Resp: 15176
Ion Ratio Lower Upper
41 100
69 126.1 102.2 153.2
39 59.5 41.4 62.2





#49

1,4-Dioxane

Concen: 420.936 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

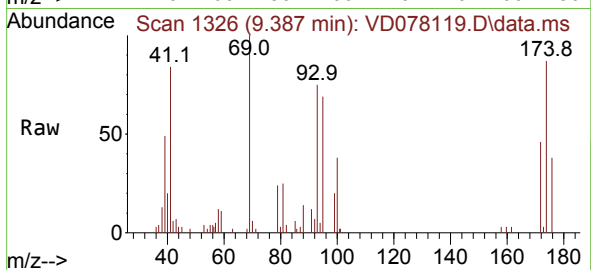
Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :



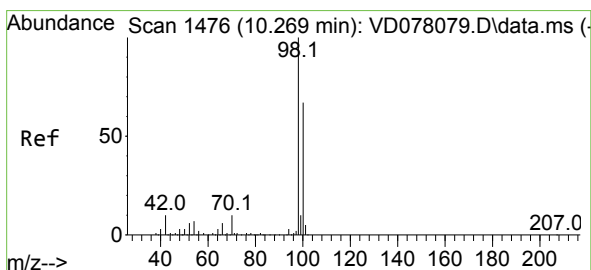
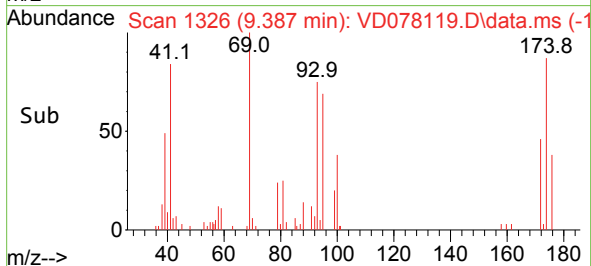
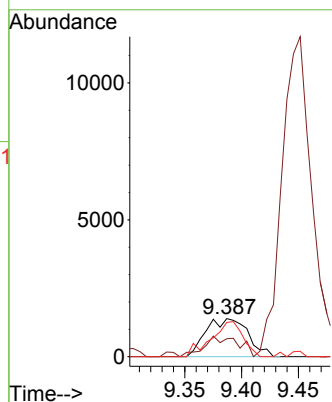
Tgt Ion: 88 Resp: 3589

Ion Ratio Lower Upper

88 100

43 43.5 19.0 28.6#

58 69.1 43.5 65.3#



#50

Toluene-d8

Concen: 55.726 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078119.D

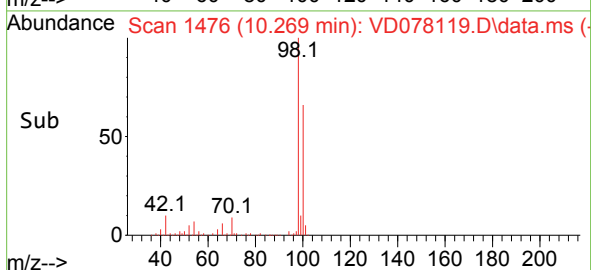
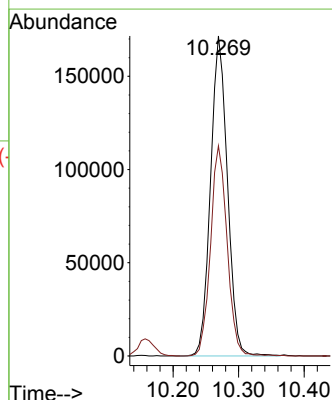
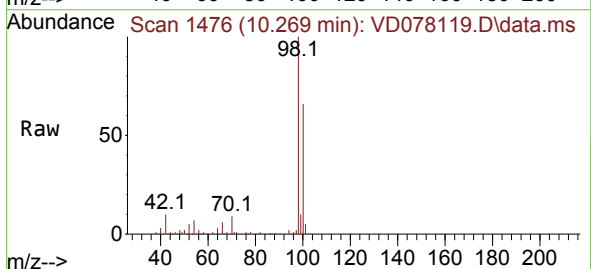
Acq: 02 Jan 2024 13:01

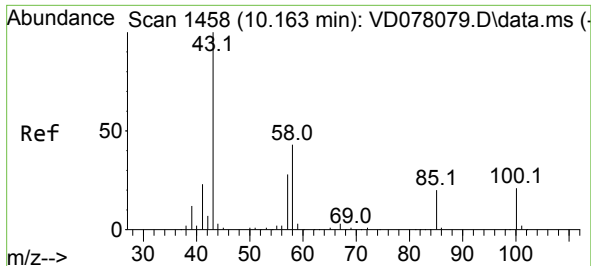
Tgt Ion: 98 Resp: 307276

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 110.262 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

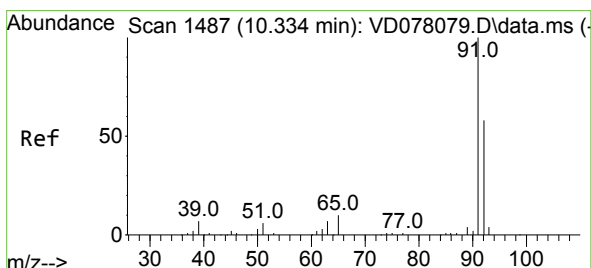
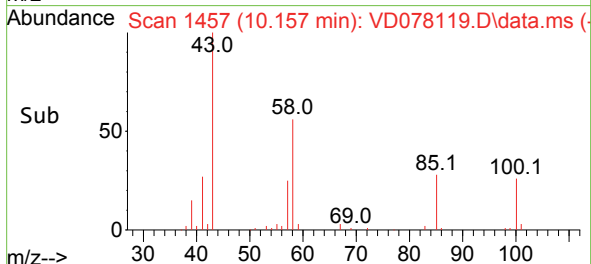
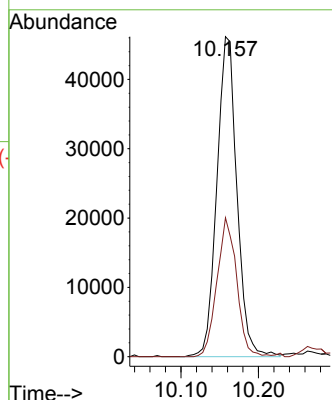
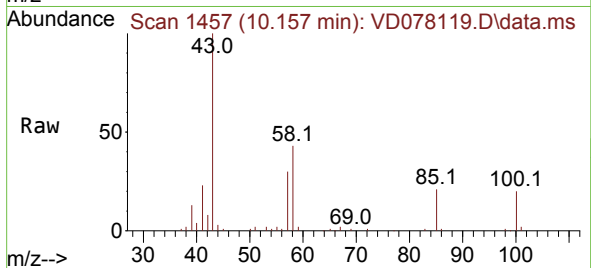
ClientSampleId :

Tgt Ion: 43 Resp: 83066

Ion Ratio Lower Upper

43 100

58 42.6 38.9 58.3



#52

Toluene

Concen: 23.730 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078119.D

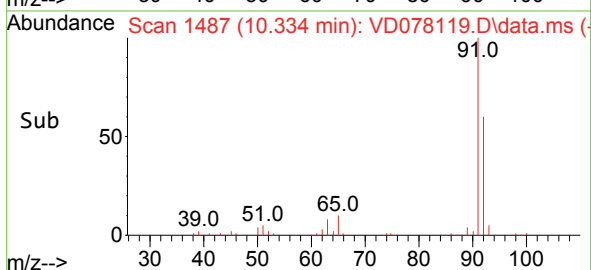
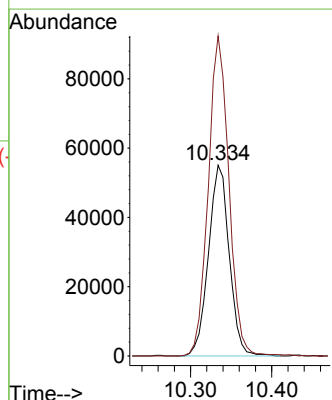
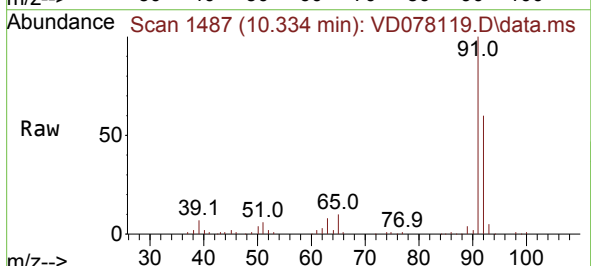
Acq: 02 Jan 2024 13:01

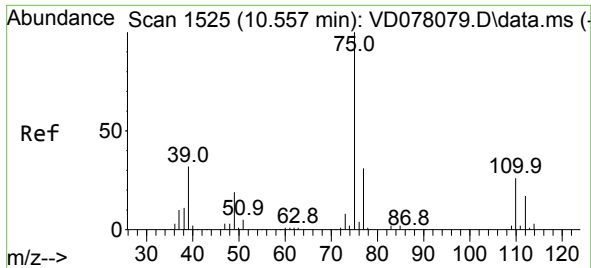
Tgt Ion: 92 Resp: 97812

Ion Ratio Lower Upper

92 100

91 167.3 143.0 214.4

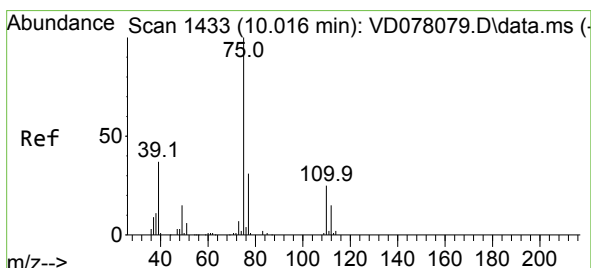
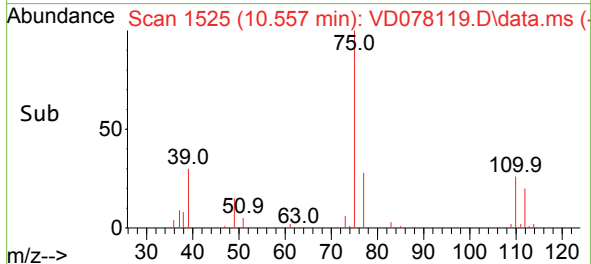
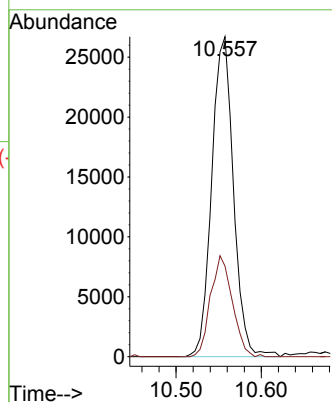
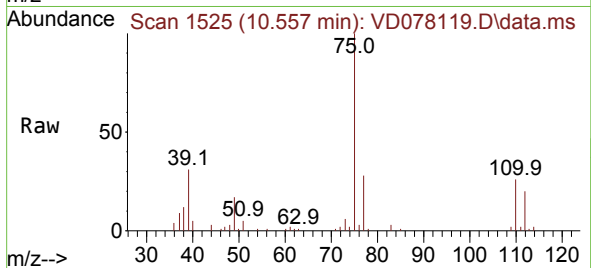




#53
t-1,3-Dichloropropene
Concen: 22.245 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

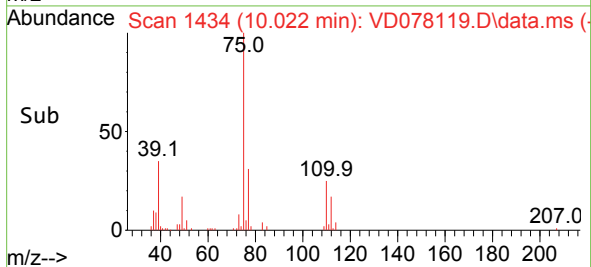
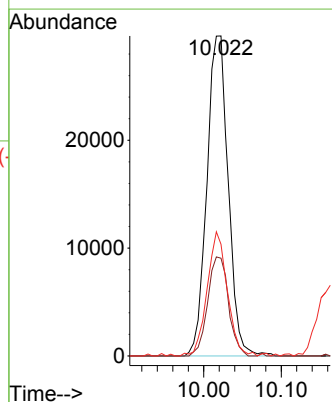
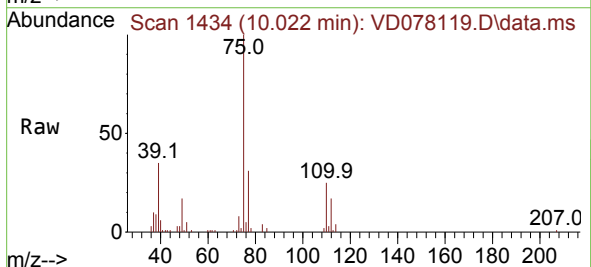
Instrument :
MSVOA_D
ClientSampleId :

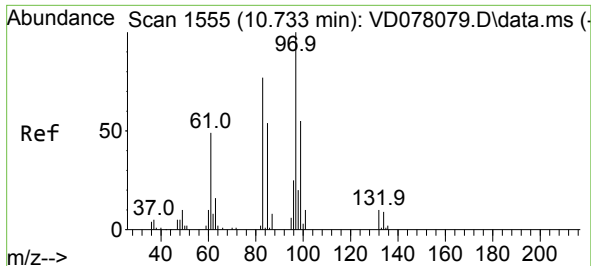
Tgt Ion: 75 Resp: 47284
Ion Ratio Lower Upper
75 100
77 28.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 22.278 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

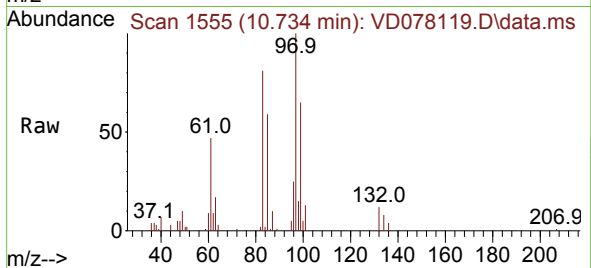
Tgt Ion: 75 Resp: 56867
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3
39 34.9 22.1 33.1#



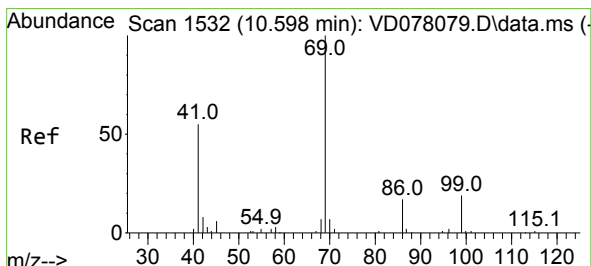
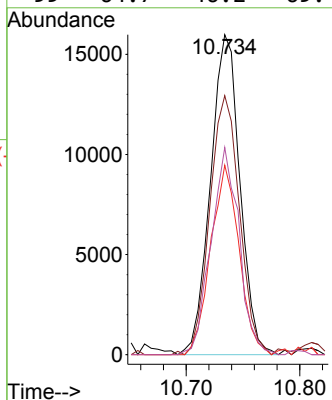
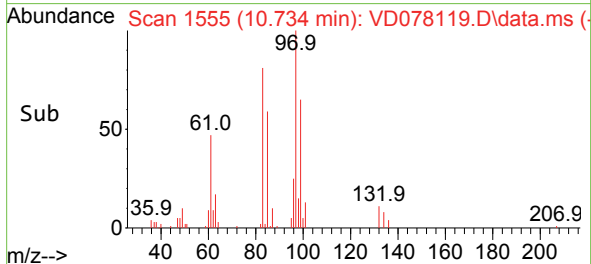


#55
1,1,2-Trichloroethane
Concen: 22.657 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :

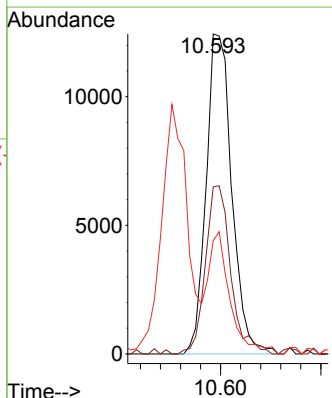
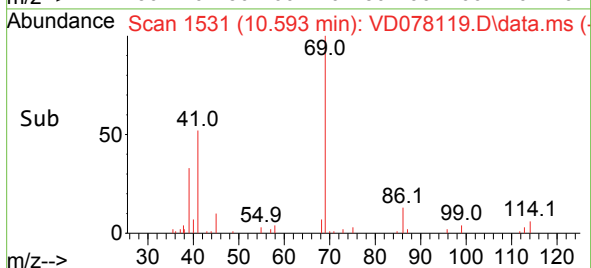
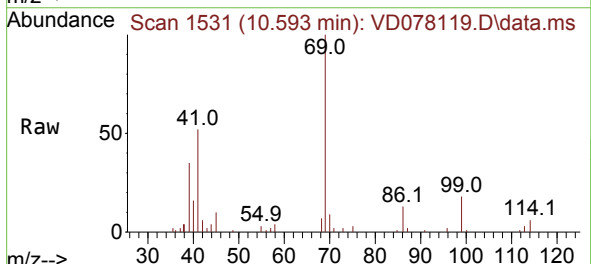


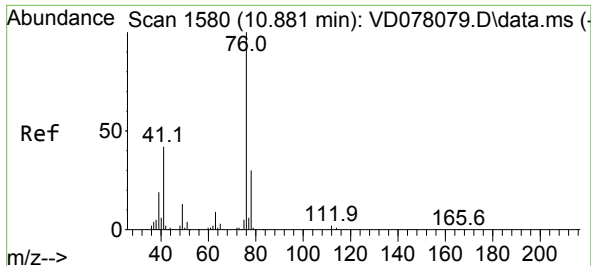
Tgt Ion:	97	Resp:	28757
Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.8	98.6
85	59.2	45.7	68.5
99	64.7	46.2	69.4



#56
Ethyl methacrylate
Concen: 21.998 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion:	69	Resp:	22157
Ion	Ratio	Lower	Upper
69	100		
41	51.8	39.1	58.7
39	32.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 22.314 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

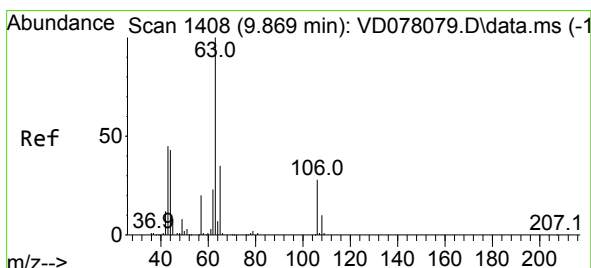
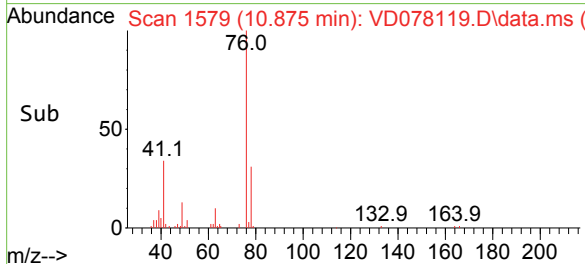
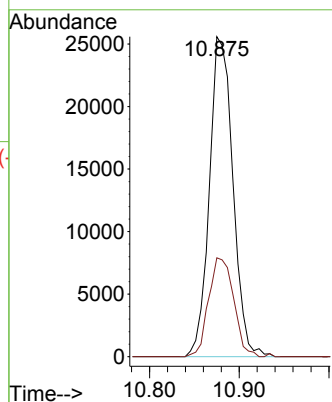
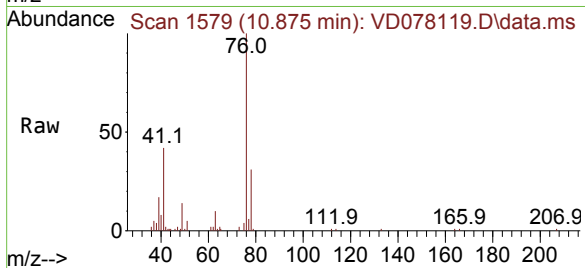
ClientSampleId :

Tgt Ion: 76 Resp: 46533

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.422 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078119.D

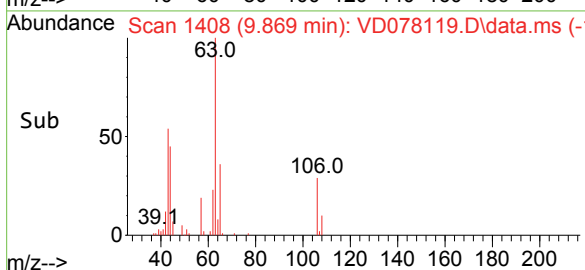
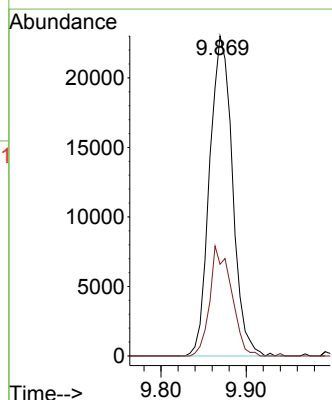
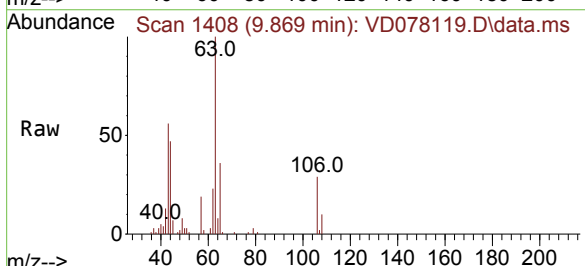
Acq: 02 Jan 2024 13:01

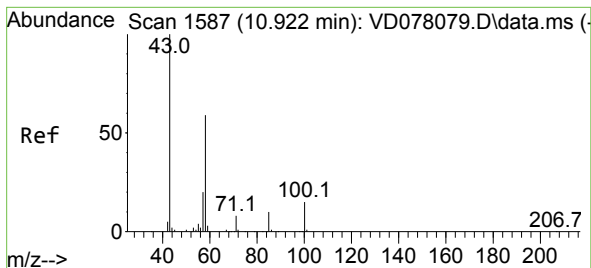
Tgt Ion: 63 Resp: 42920

Ion Ratio Lower Upper

63 100

106 32.4 25.3 37.9

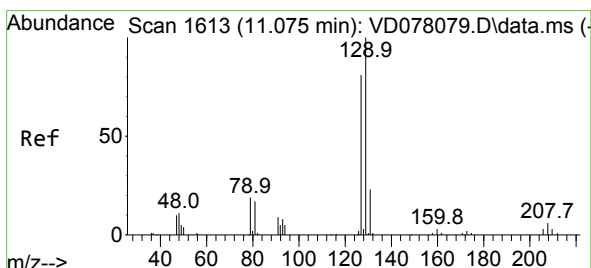
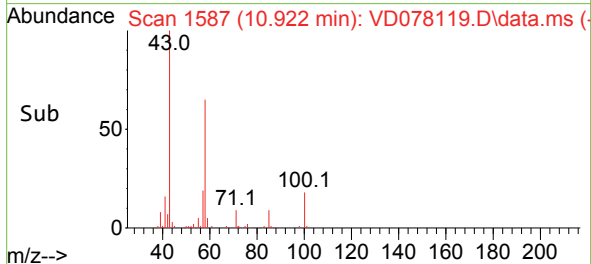
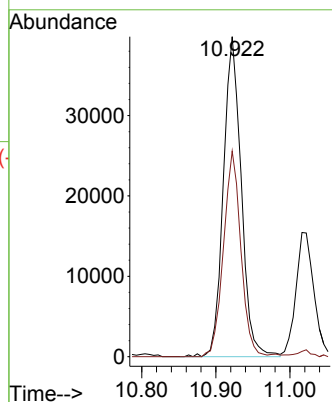
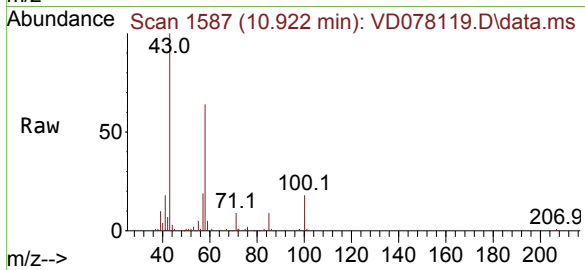




#59
2-Hexanone
Concen: 113.833 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

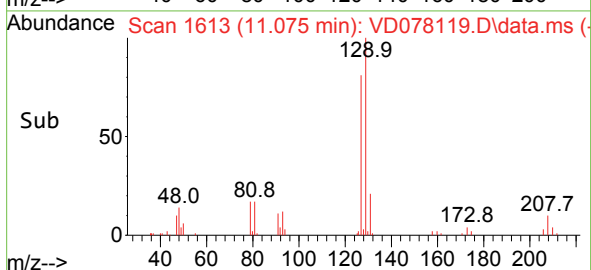
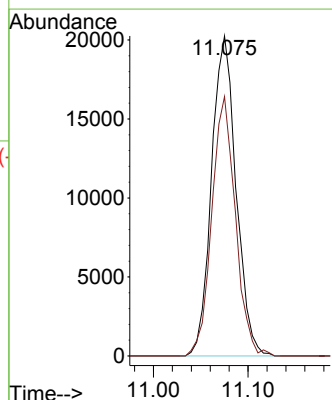
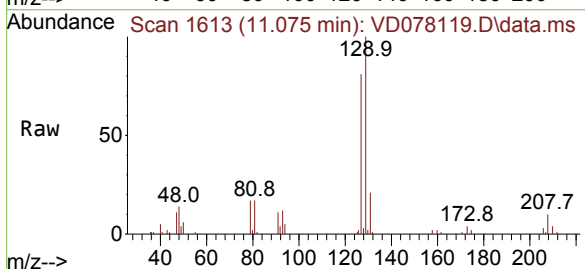
Instrument :
MSVOA_D
ClientSampleId :

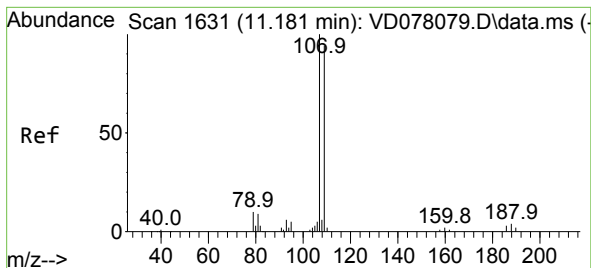
Tgt Ion: 43 Resp: 66612
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 22.555 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

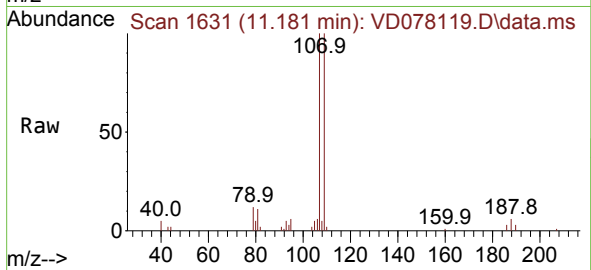
Tgt Ion: 129 Resp: 36469
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5



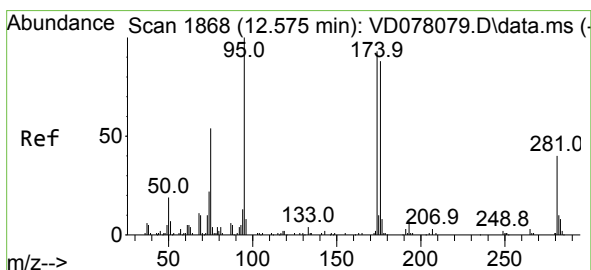
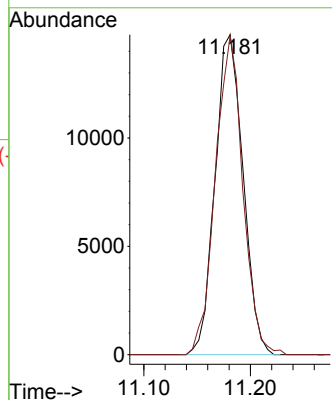
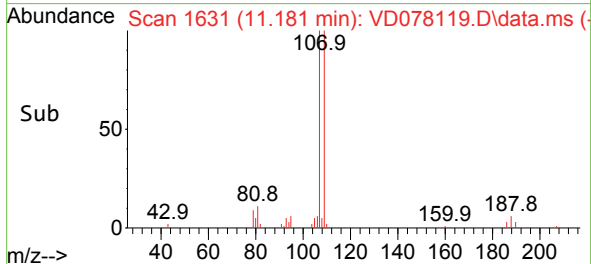


#61
1,2-Dibromoethane
Concen: 22.176 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

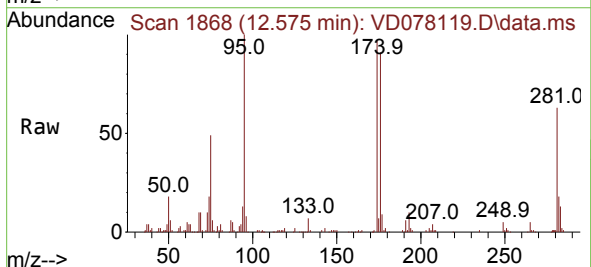
Instrument :
MSVOA_D
ClientSampleId :



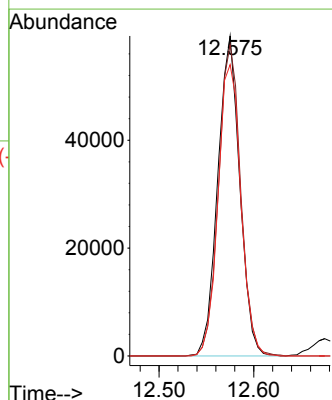
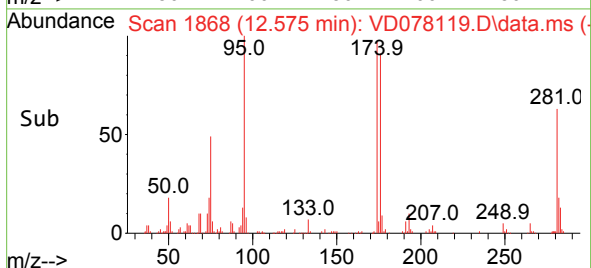
Tgt Ion:107 Resp: 26984
Ion Ratio Lower Upper
107 100
109 97.9 75.6 113.4

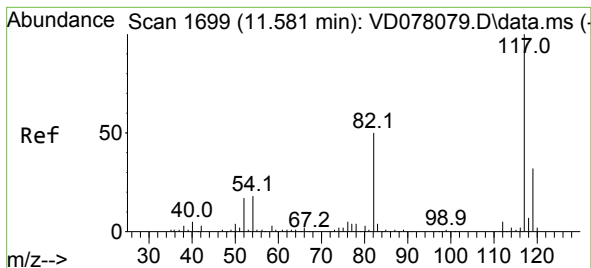


#62
4-Bromofluorobenzene
Concen: 53.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01



Tgt Ion: 95 Resp: 95611
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.8
176 94.8 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: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

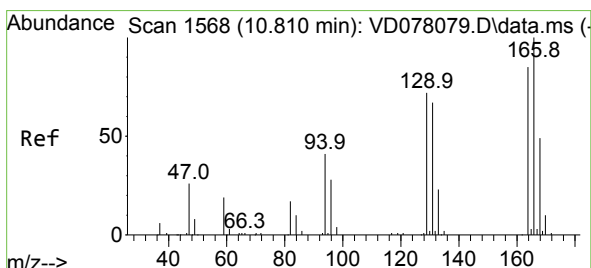
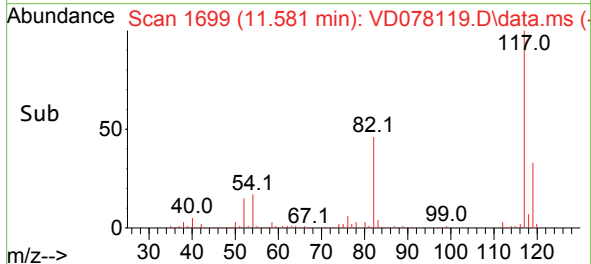
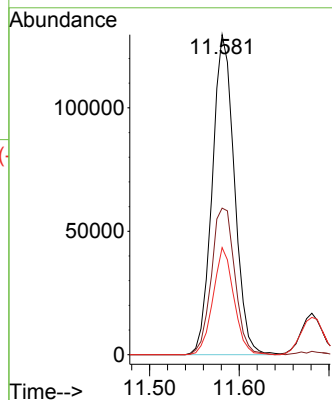
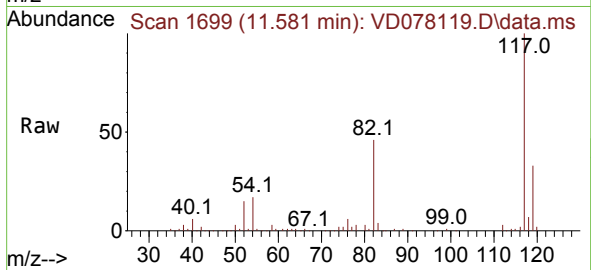
Tgt Ion:117 Resp: 221984

Ion Ratio Lower Upper

117 100

82 45.8 38.3 57.5

119 33.5 25.0 37.4



#64

Tetrachloroethene

Concen: 23.070 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Tgt Ion:164 Resp: 34604

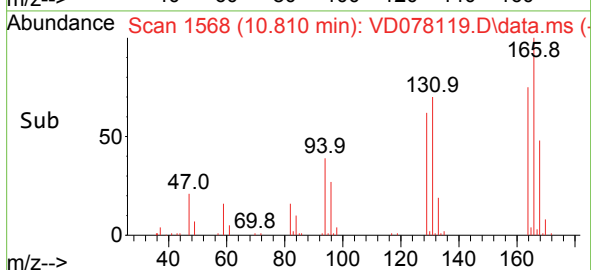
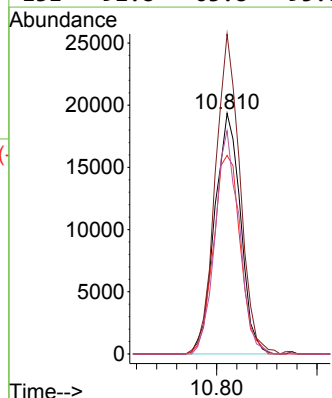
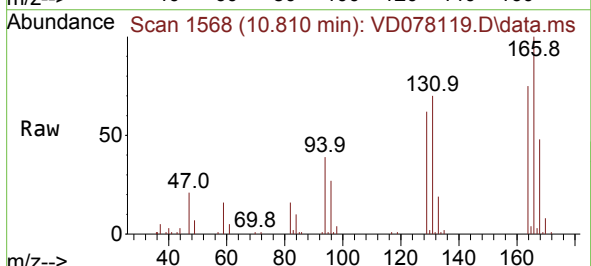
Ion Ratio Lower Upper

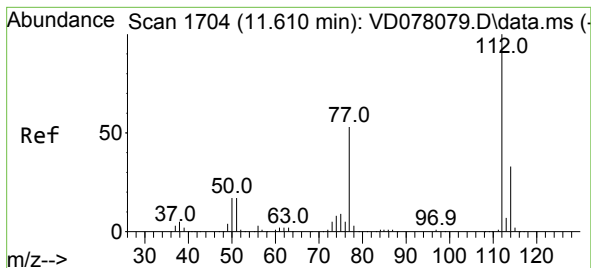
164 100

166 133.0 99.2 148.8

129 82.5 68.4 102.6

131 92.8 63.8 95.8

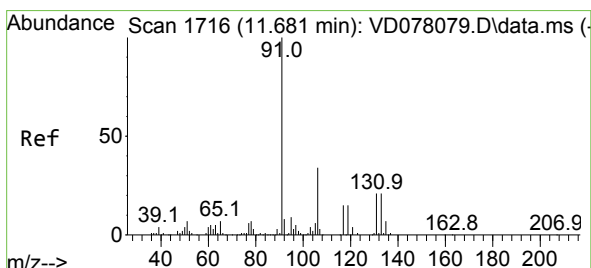
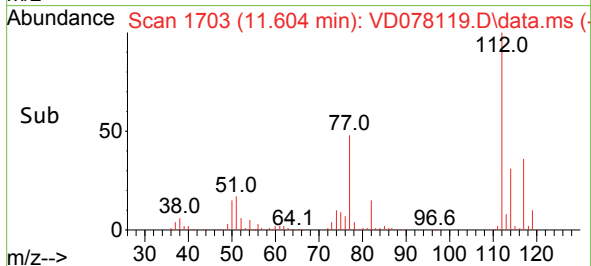
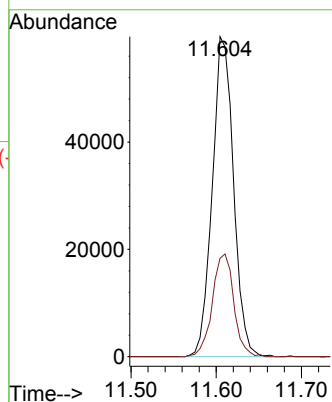
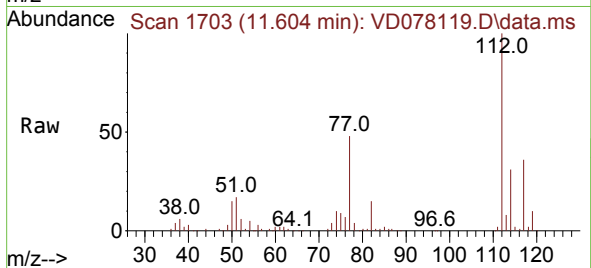




#65
Chlorobenzene
Concen: 21.886 ug/l
RT: 11.604 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

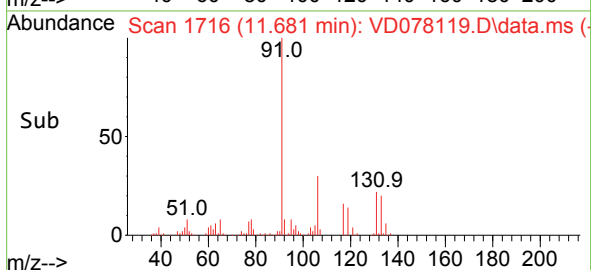
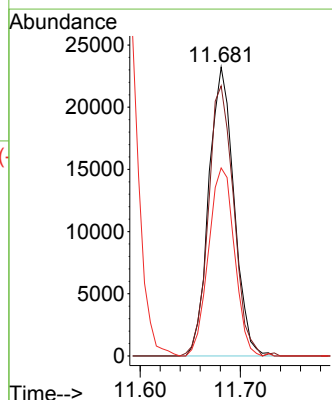
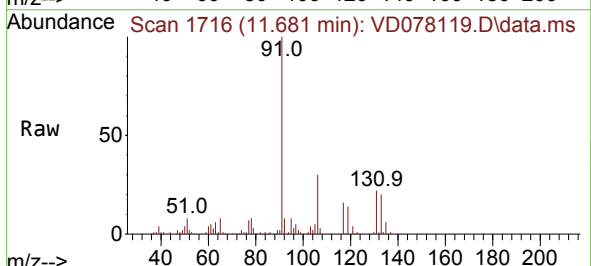
Instrument :
MSVOA_D
ClientSampleId :

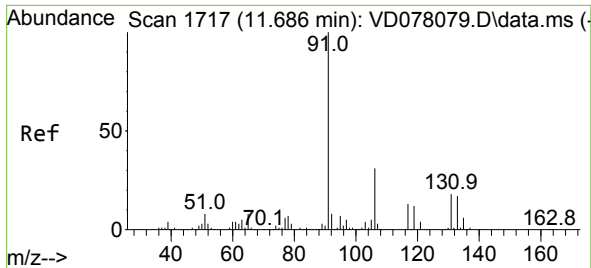
Tgt Ion:112 Resp: 103214
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.676 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion:131 Resp: 40476
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 67.1 35.6 106.9

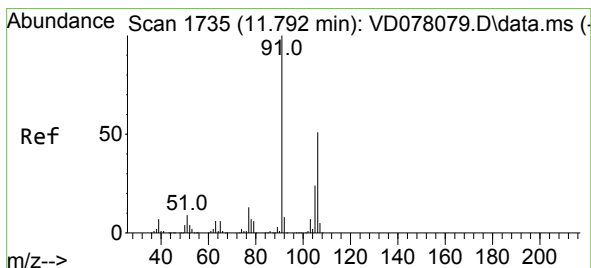
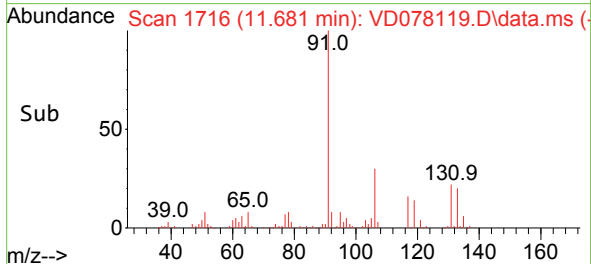
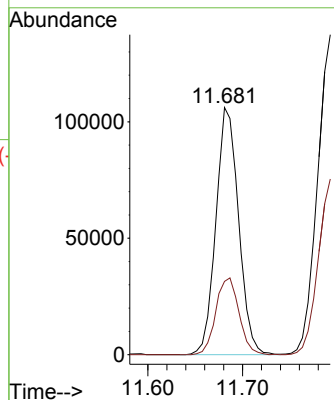
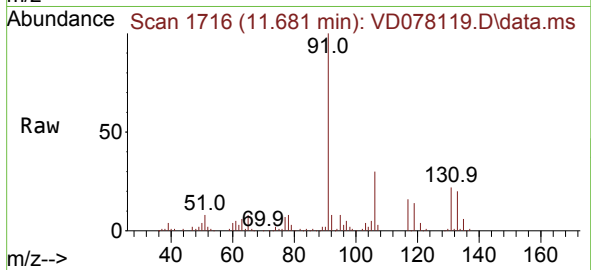




#67
Ethyl Benzene
Concen: 21.527 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

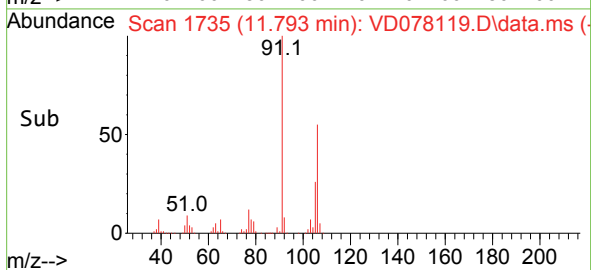
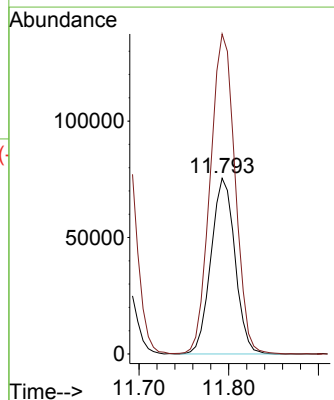
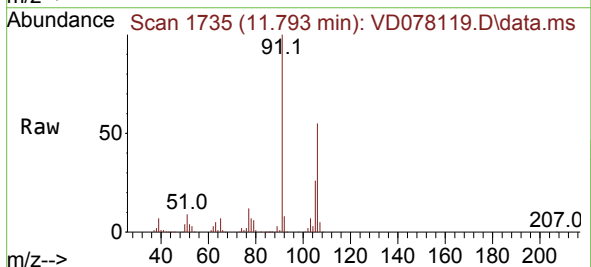
Instrument :
MSVOA_D
ClientSampleId :

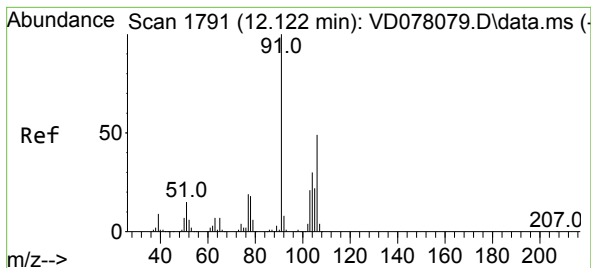
Tgt Ion: 91 Resp: 176985
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7



#68
m/p-Xylenes
Concen: 43.805 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion:106 Resp: 140166
Ion Ratio Lower Upper
106 100
91 188.8 147.0 220.6

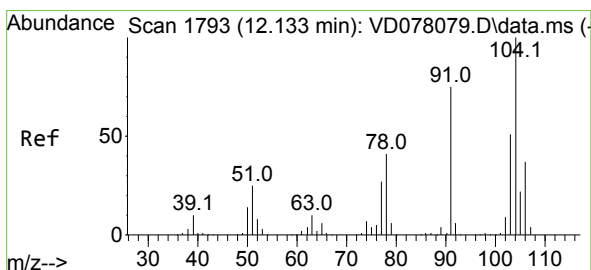
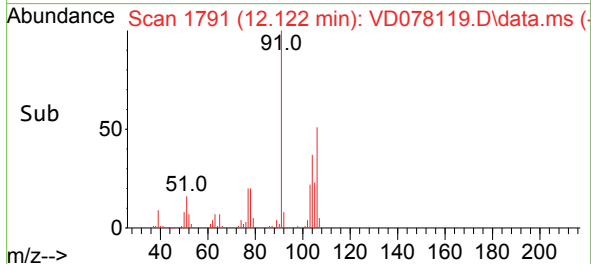
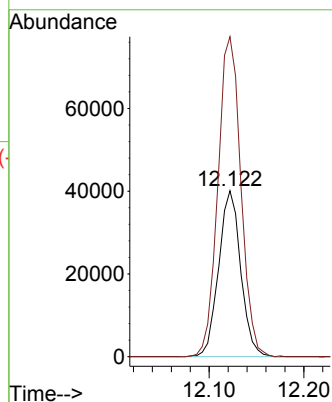
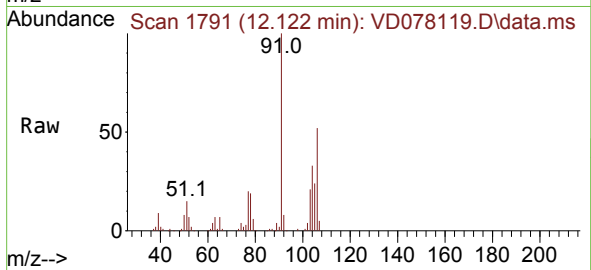




#69
o-Xylene
Concen: 21.749 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

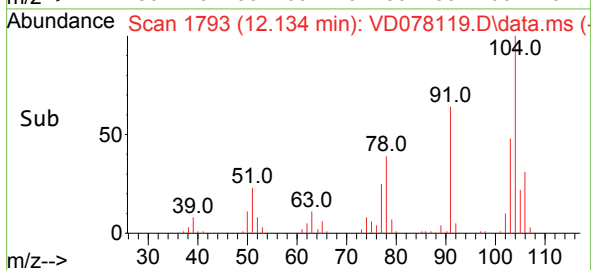
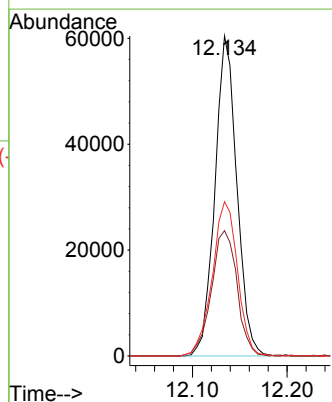
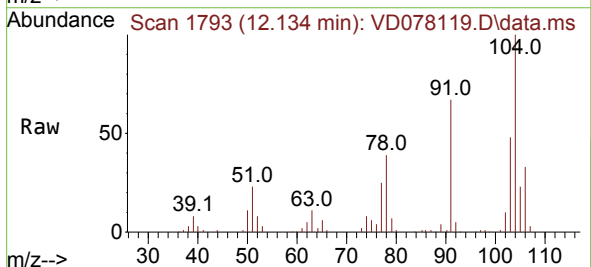
Instrument :
MSVOA_D
ClientSampleId :

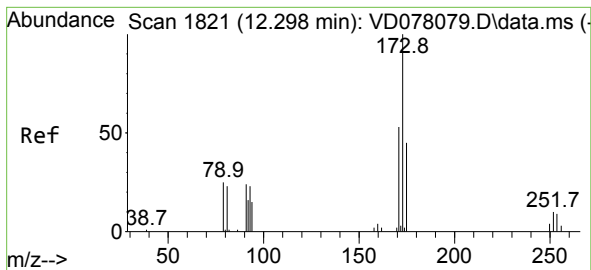
Tgt Ion:106 Resp: 64860
Ion Ratio Lower Upper
106 100
91 201.0 97.9 293.6



#70
Styrene
Concen: 22.119 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion:104 Resp: 97394
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 55.4 43.6 65.4

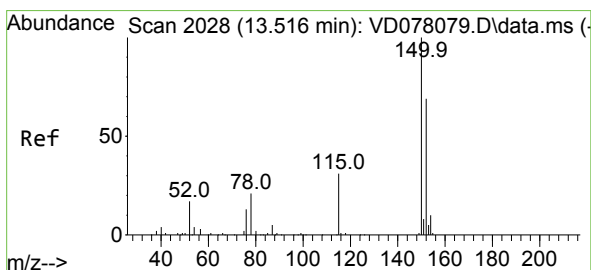
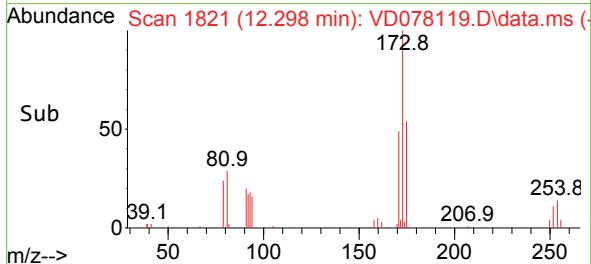
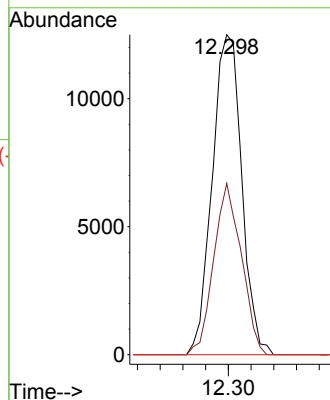
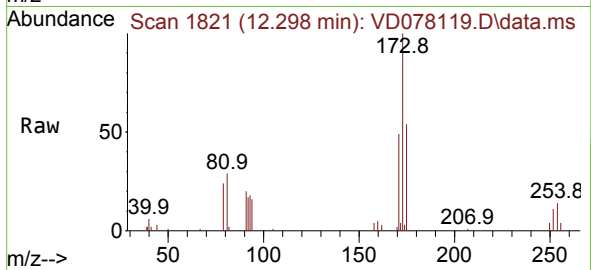




#71
Bromoform
Concen: 22.882 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

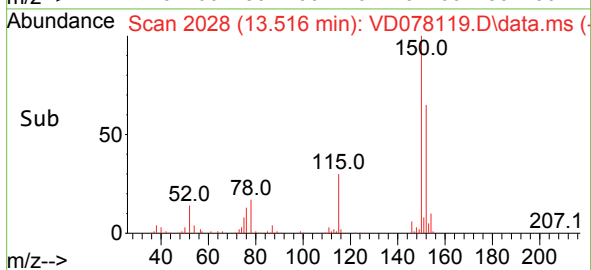
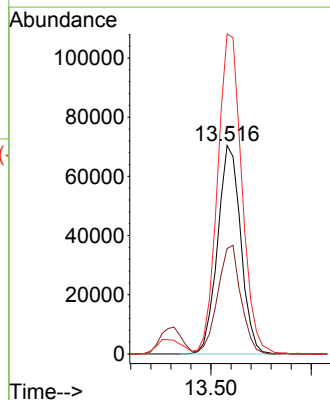
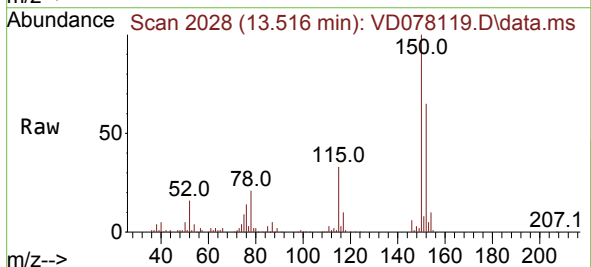
Instrument :
MSVOA_D
ClientSampleId :

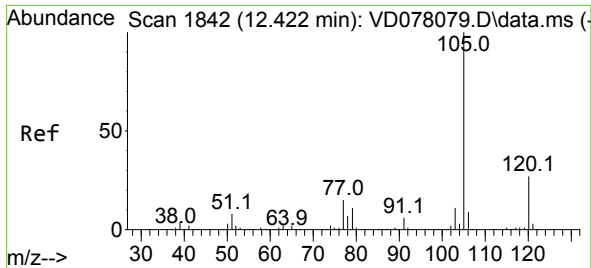
Tgt Ion:173 Resp: 22533
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion:152 Resp: 112800
Ion Ratio Lower Upper
152 100
115 52.2 27.1 81.3
150 161.3 0.0 353.6

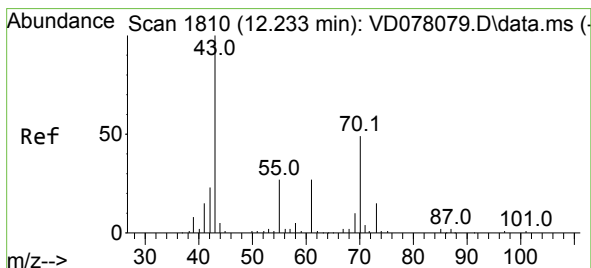
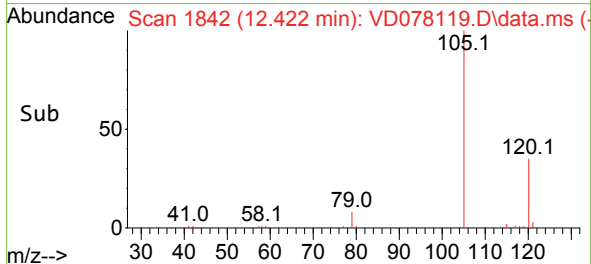
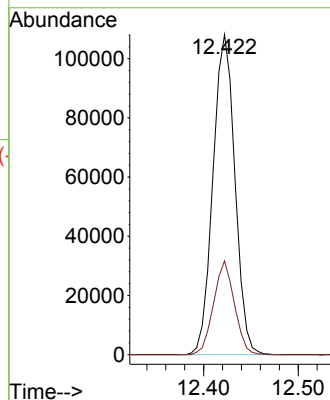
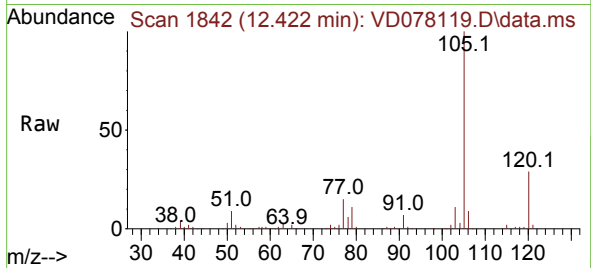




#73
Isopropylbenzene
Concen: 22.457 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

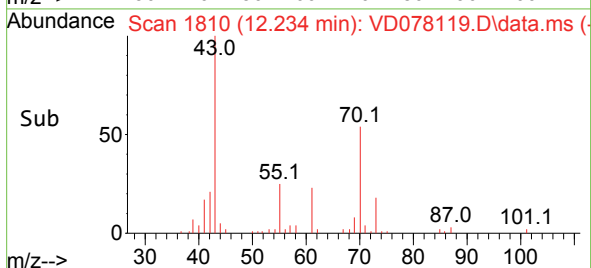
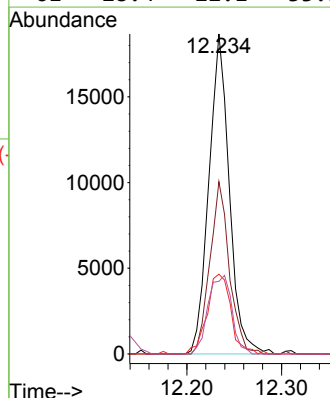
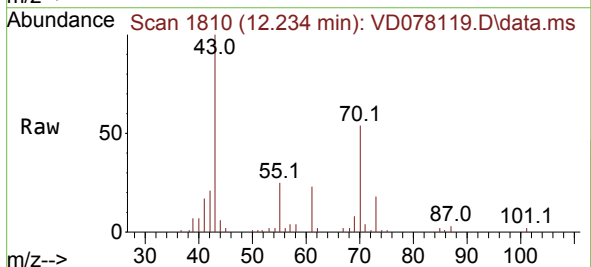
Instrument :
MSVOA_D
ClientSampleId :

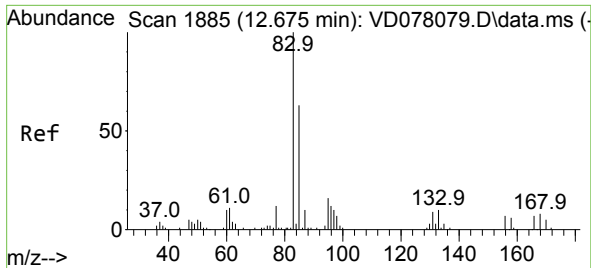
Tgt Ion:105 Resp: 174471
Ion Ratio Lower Upper
105 100
120 27.7 14.3 42.9



#74
N-ethyl acetate
Concen: 21.654 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 43 Resp: 27928
Ion Ratio Lower Upper
43 100
70 51.4 45.0 67.4
55 29.1 23.8 35.6
61 28.4 22.1 33.1

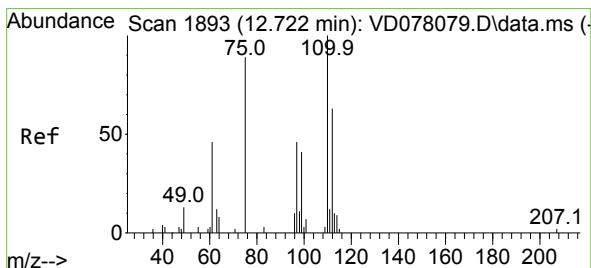
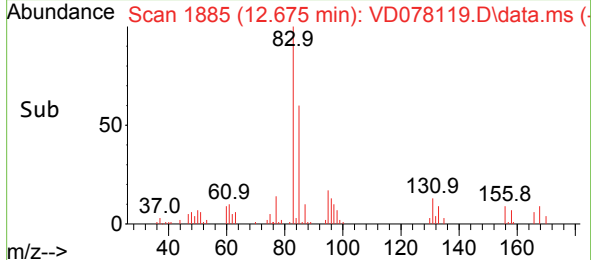
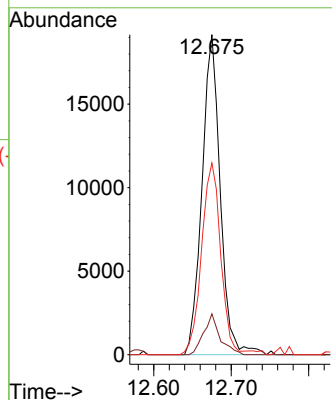
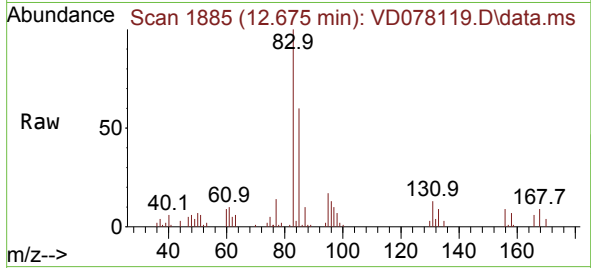




#75
1,1,2,2-Tetrachloroethane
Concen: 22.247 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

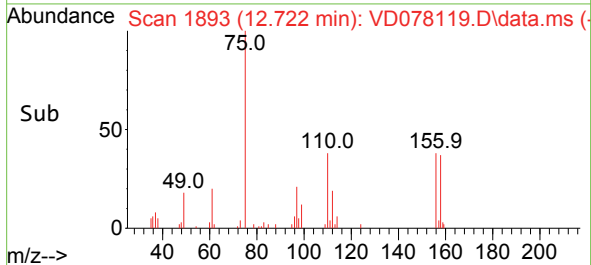
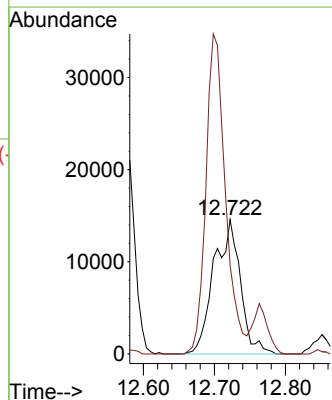
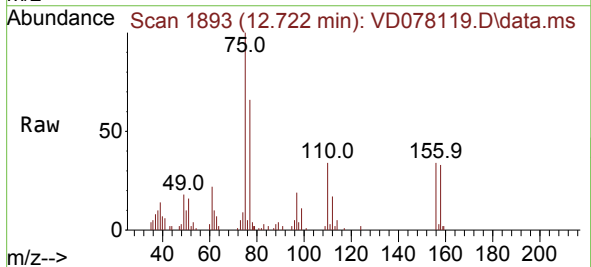
Instrument :
MSVOA_D
ClientSampleId :

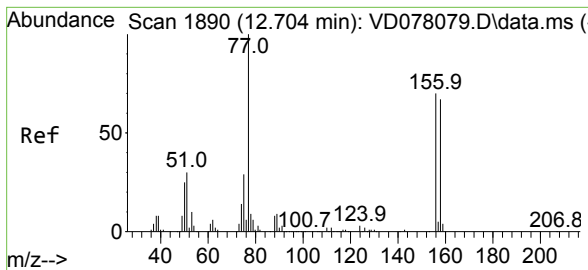
Tgt Ion: 83 Resp: 31413
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 62.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 39.673 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 75 Resp: 37755
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.393 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

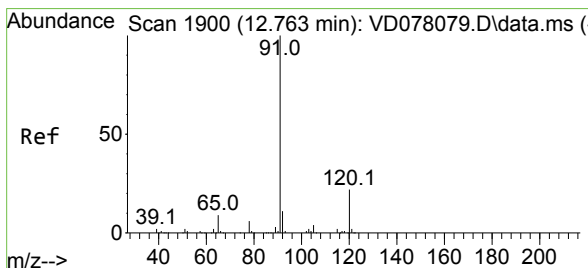
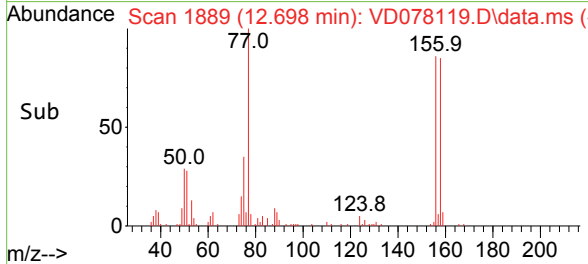
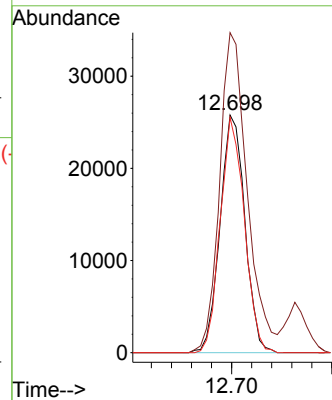
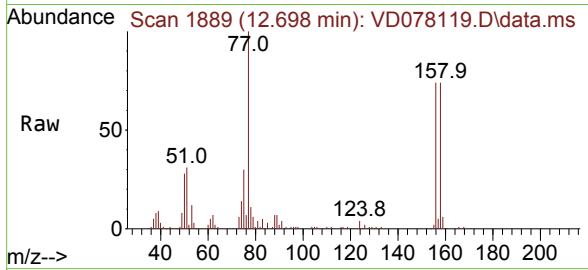
Tgt Ion:156 Resp: 44214

Ion Ratio Lower Upper

156 100

77 150.5 76.8 230.4

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 22.242 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078119.D

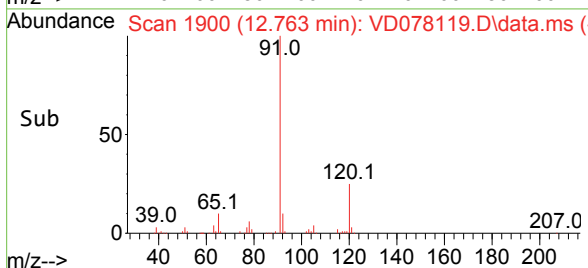
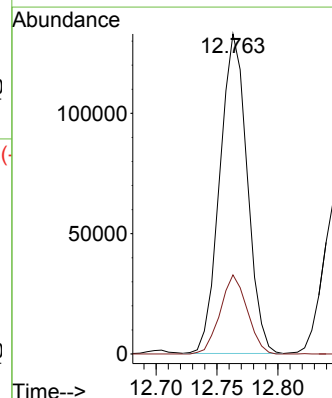
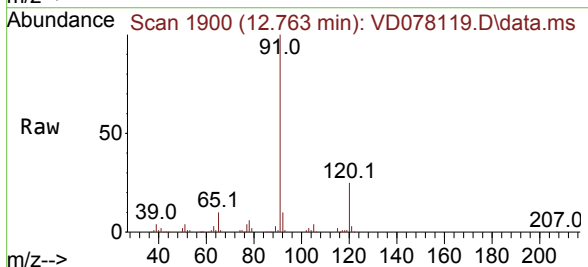
Acq: 02 Jan 2024 13:01

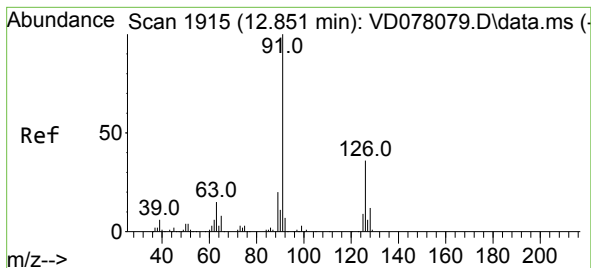
Tgt Ion: 91 Resp: 208002

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 22.623 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

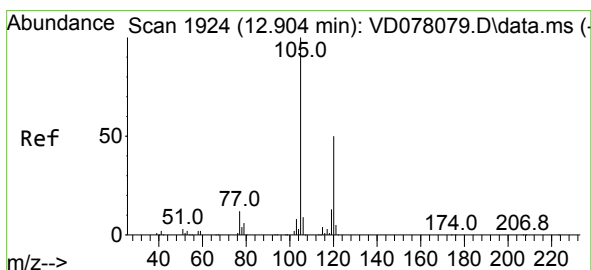
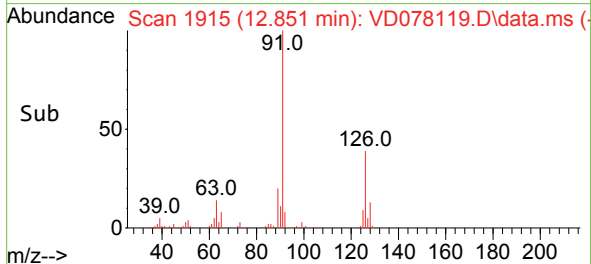
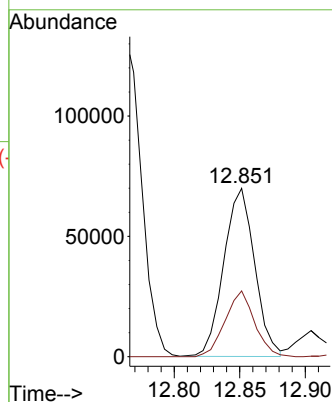
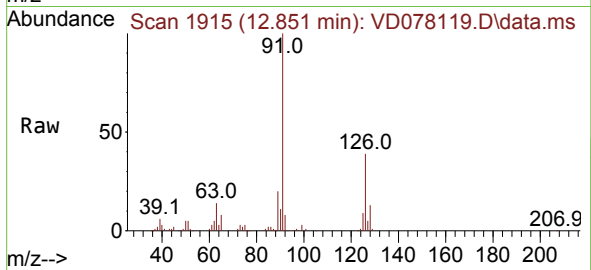
ClientSampleId :

Tgt Ion: 91 Resp: 114435

Ion Ratio Lower Upper

91 100

126 37.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 22.581 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078119.D

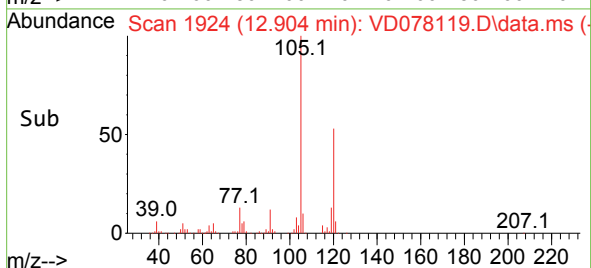
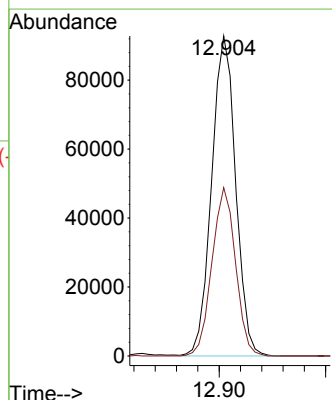
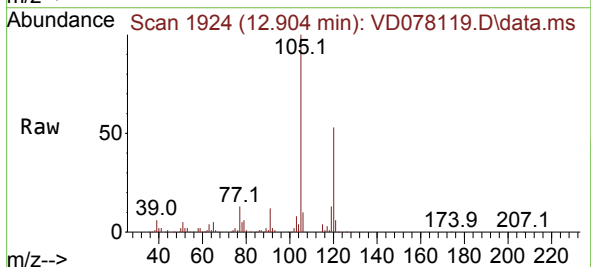
Acq: 02 Jan 2024 13:01

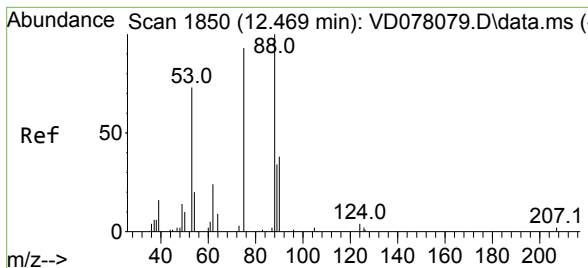
Tgt Ion:105 Resp: 145103

Ion Ratio Lower Upper

105 100

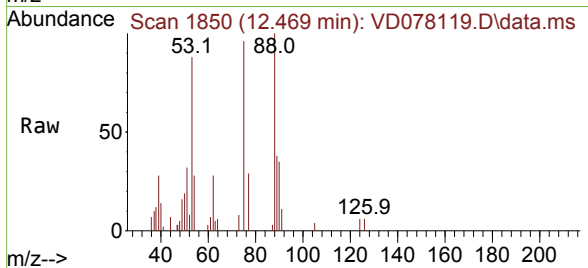
120 51.6 26.4 79.2



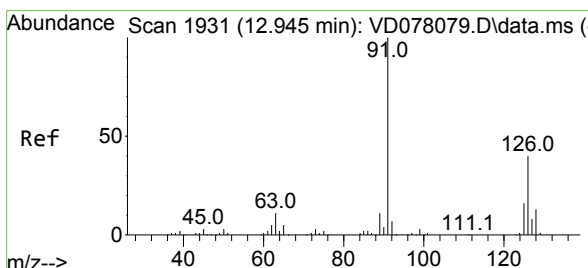
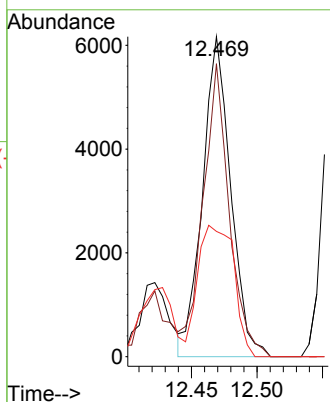
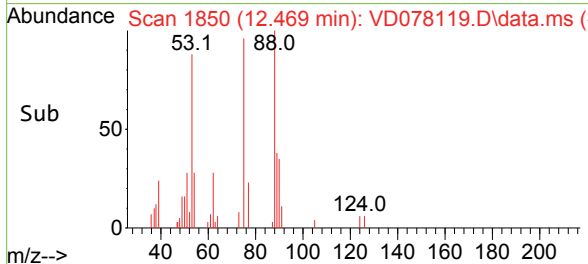


#81
trans-1,4-Dichloro-2-butene
Concen: 20.808 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

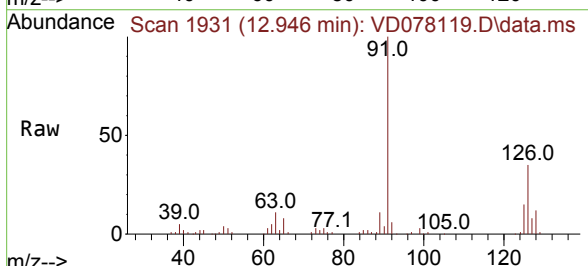
Instrument :
MSVOA_D
ClientSampleId :



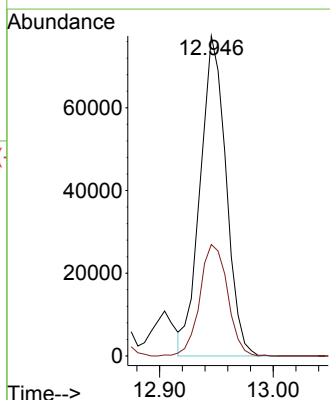
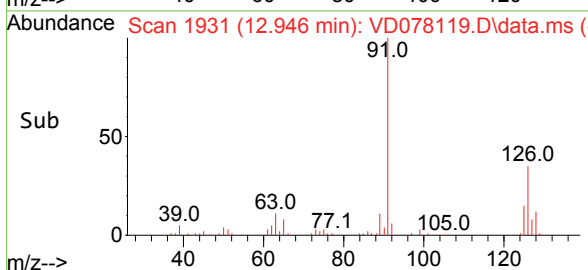
Tgt Ion: 75 Resp: 9190
Ion Ratio Lower Upper
75 100
53 85.5 63.0 94.4
89 52.3 37.9 56.9

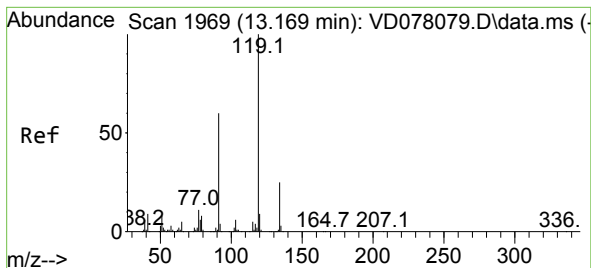


#82
4-Chlorotoluene
Concen: 22.548 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01



Tgt Ion: 91 Resp: 122283
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 22.678 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

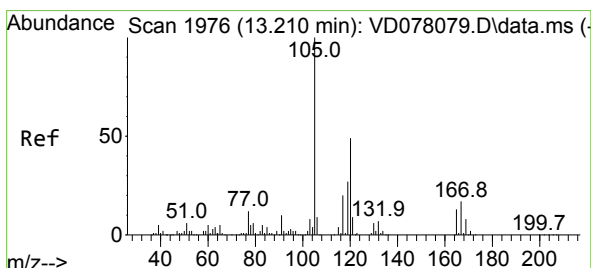
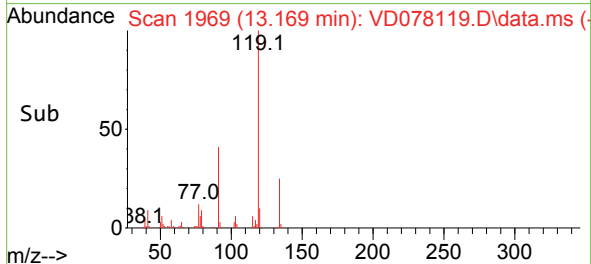
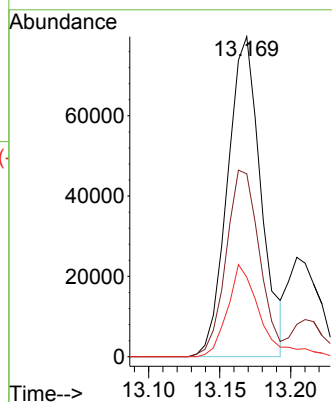
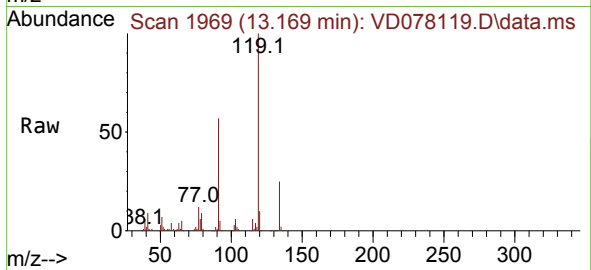
Tgt Ion:119 Resp: 130542

Ion Ratio Lower Upper

119 100

91 58.5 29.3 87.8

134 28.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 22.789 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078119.D

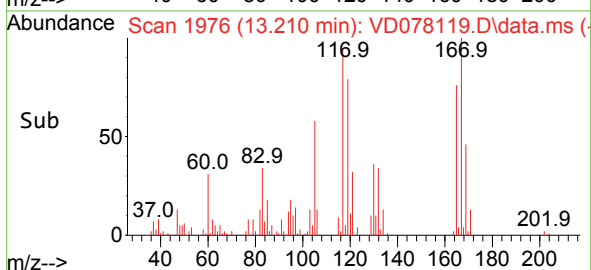
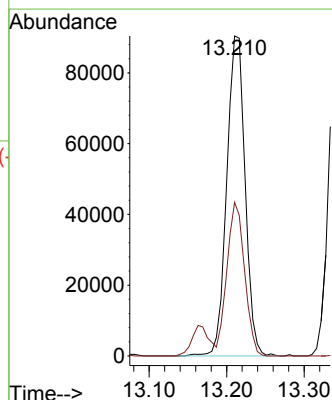
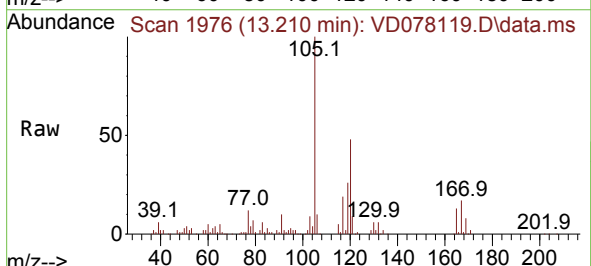
Acq: 02 Jan 2024 13:01

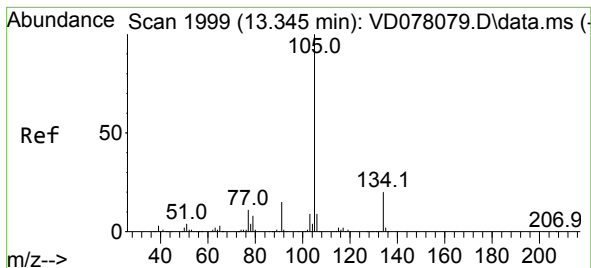
Tgt Ion:105 Resp: 149159

Ion Ratio Lower Upper

105 100

120 46.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 22.958 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

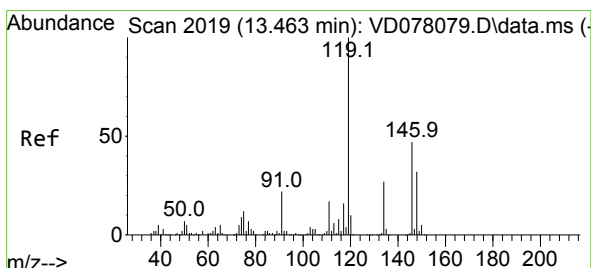
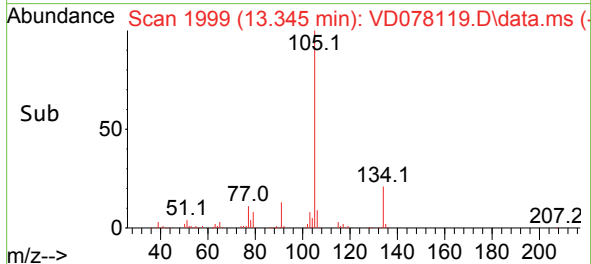
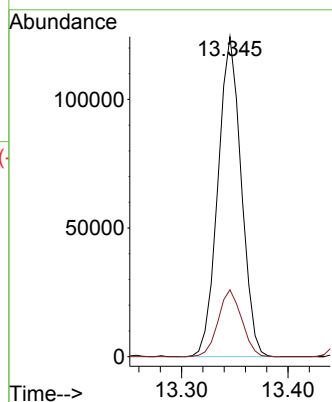
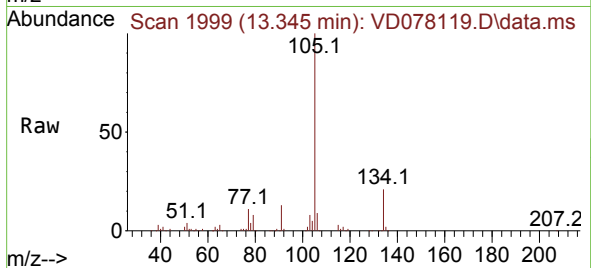
ClientSampleId :

Tgt Ion:105 Resp: 188678

Ion Ratio Lower Upper

105 100

134 21.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 22.476 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

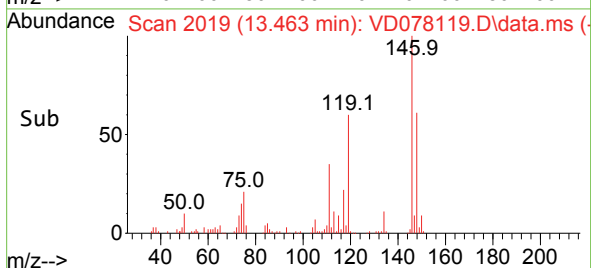
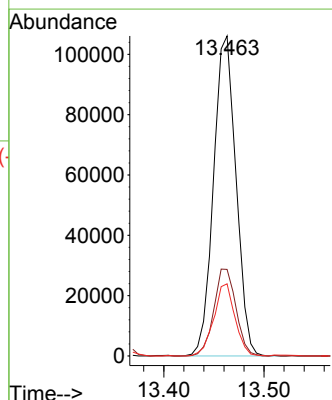
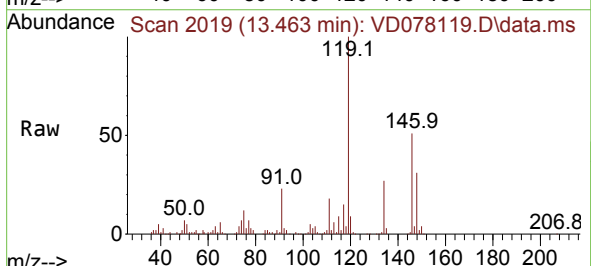
Tgt Ion:119 Resp: 165304

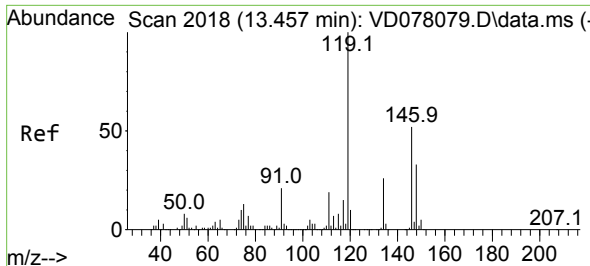
Ion Ratio Lower Upper

119 100

134 26.7 14.2 42.6

91 21.4 10.5 31.5

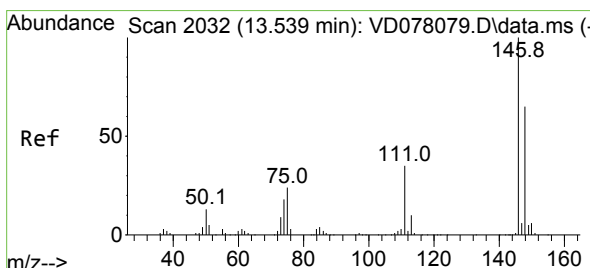
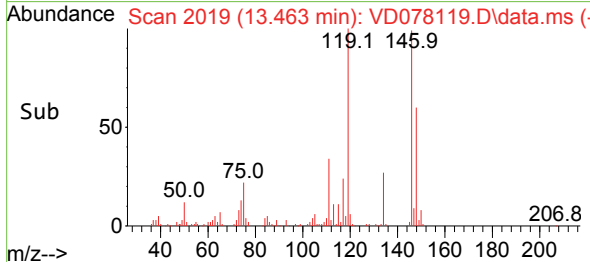
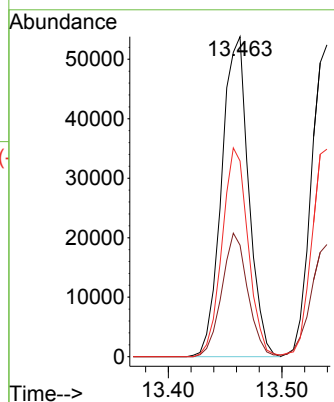
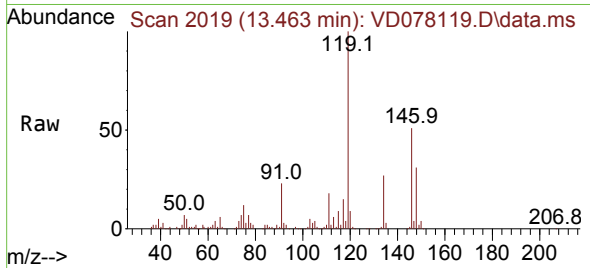




#87
1,3-Dichlorobenzene
Concen: 22.674 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

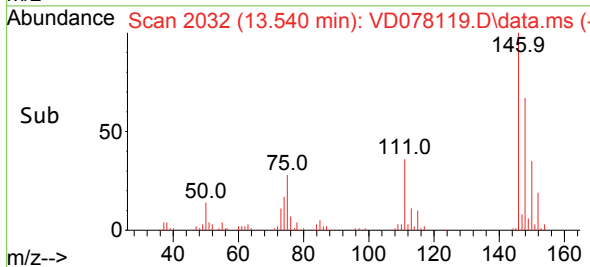
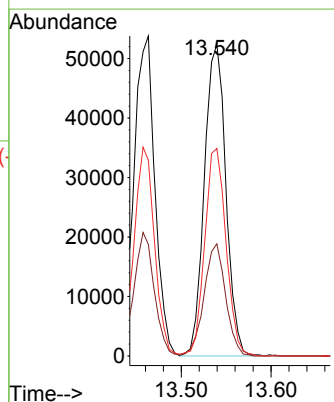
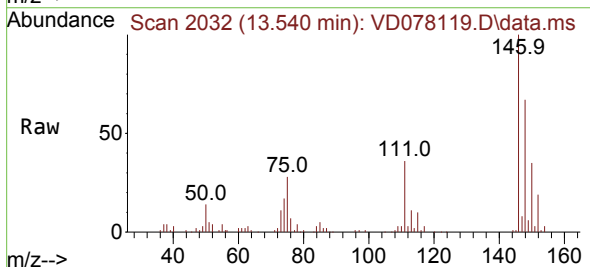
Instrument :
MSVOA_D
ClientSampleId :

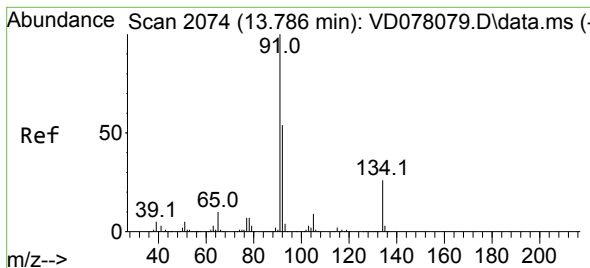
Tgt Ion:146 Resp: 88667
Ion Ratio Lower Upper
146 100
111 37.2 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 22.728 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion:146 Resp: 87169
Ion Ratio Lower Upper
146 100
111 36.1 17.4 52.3
148 66.0 31.7 95.1





#89

n-Butylbenzene

Concen: 22.446 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

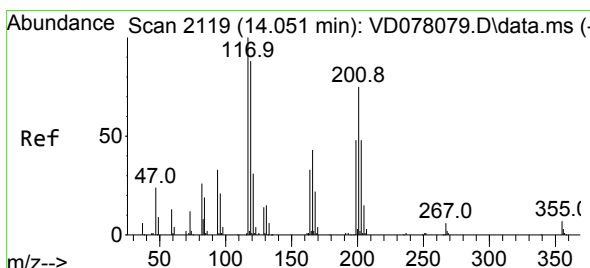
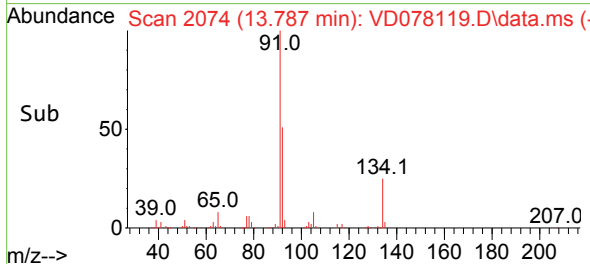
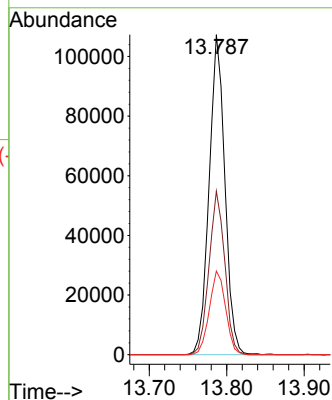
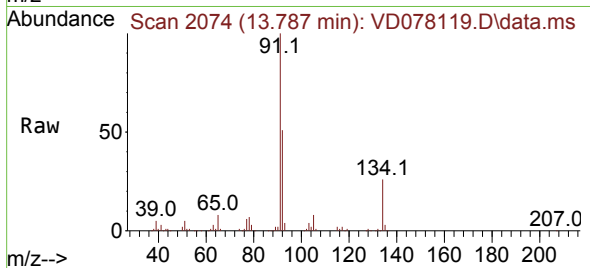
Tgt Ion: 91 Resp: 151529

Ion Ratio Lower Upper

91 100

92 51.2 26.5 79.5

134 27.0 13.8 41.3



#90

Hexachloroethane

Concen: 23.529 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078119.D

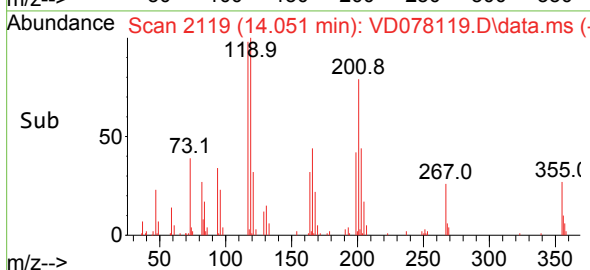
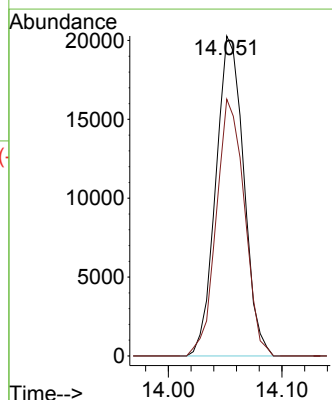
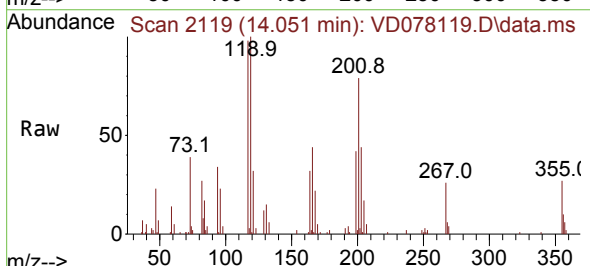
Acq: 02 Jan 2024 13:01

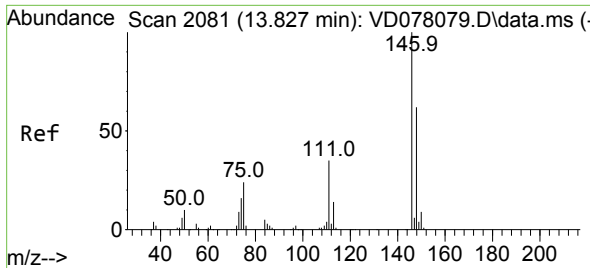
Tgt Ion: 117 Resp: 34596

Ion Ratio Lower Upper

117 100

201 81.0 38.5 115.5

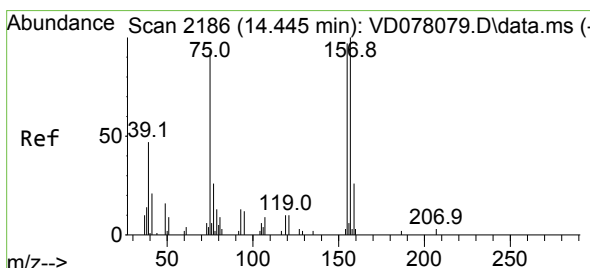
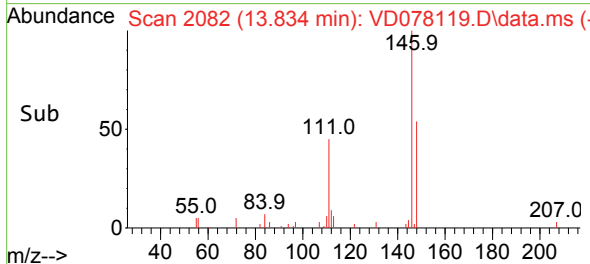
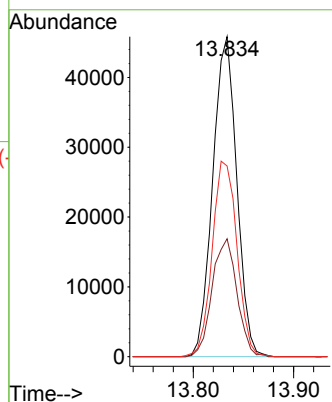
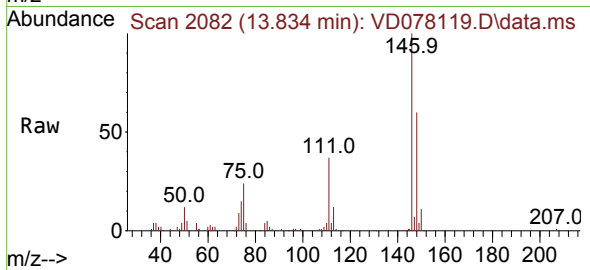




#91
1,2-Dichlorobenzene
Concen: 22.706 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

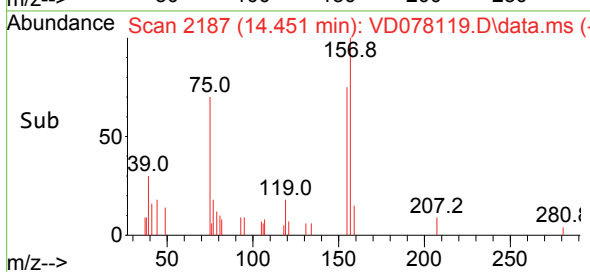
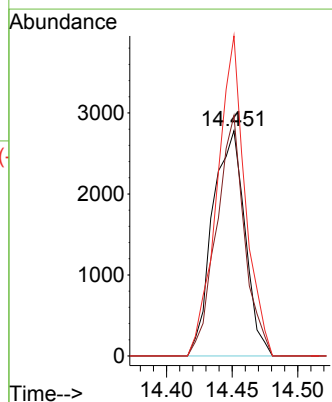
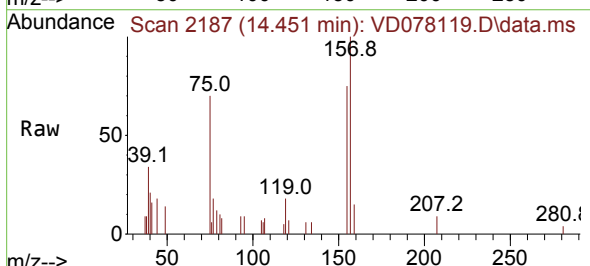
Instrument :
MSVOA_D
ClientSampleId :

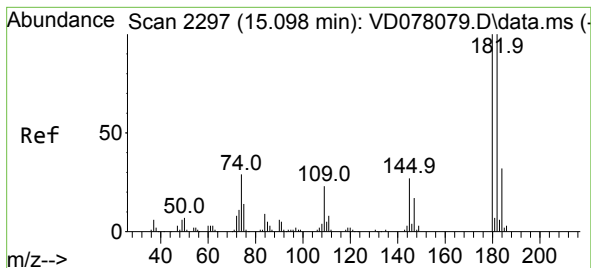
Tgt Ion:146 Resp: 76255
Ion Ratio Lower Upper
146 100
111 38.2 18.3 54.8
148 63.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.125 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078119.D
Acq: 02 Jan 2024 13:01

Tgt Ion: 75 Resp: 4771
Ion Ratio Lower Upper
75 100
155 92.4 47.9 143.8
157 123.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 22.852 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078119.D

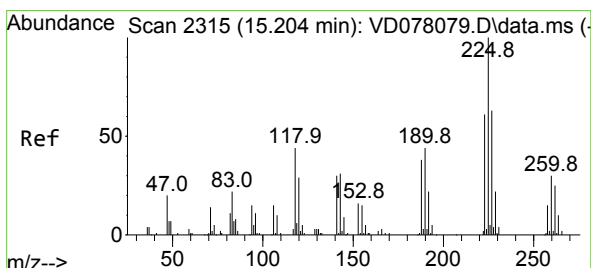
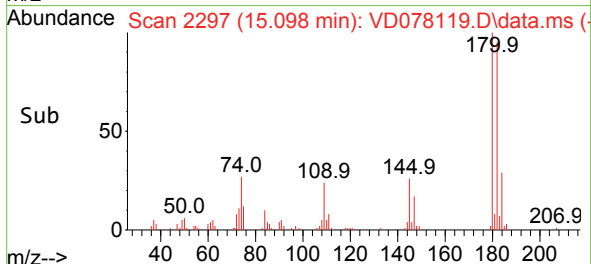
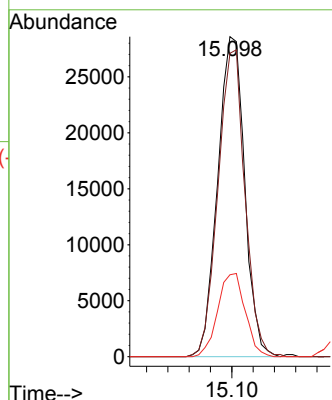
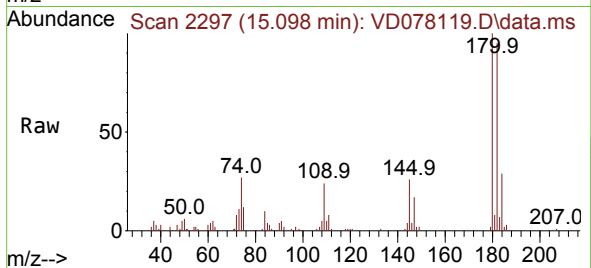
Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	180	Resp:	50106
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.5	145.6
145	26.5	14.2	42.6



#94

Hexachlorobutadiene

Concen: 23.984 ug/l

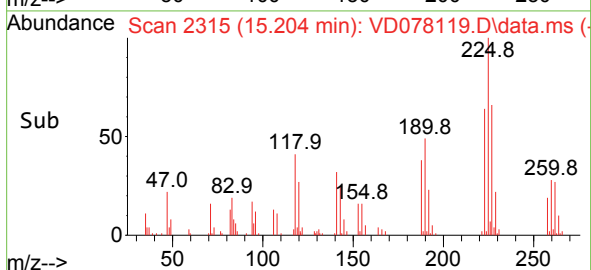
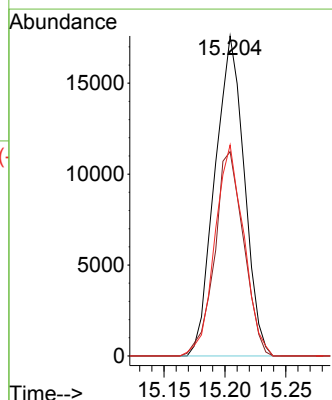
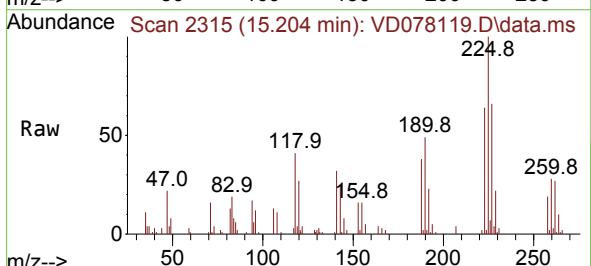
RT: 15.204 min Scan# 2315

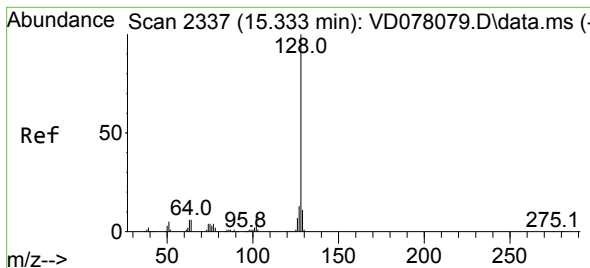
Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Tgt Ion:	225	Resp:	29546
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.6	94.8
227	64.9	31.7	95.1





#95

Naphthalene

Concen: 22.455 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

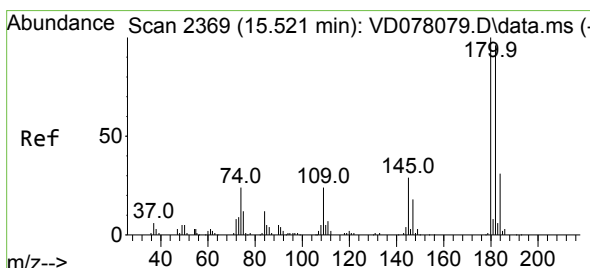
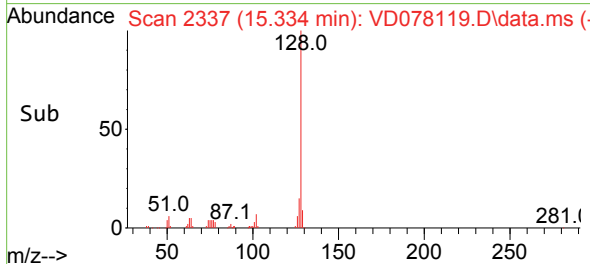
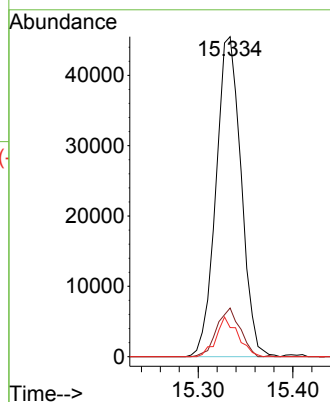
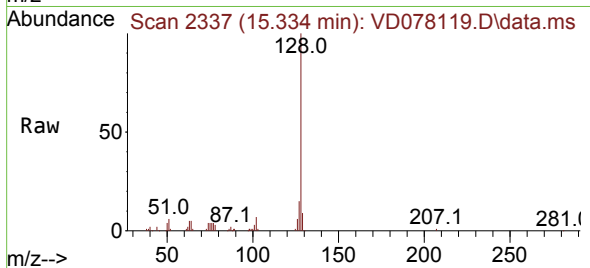
Tgt Ion:128 Resp: 83819

Ion Ratio Lower Upper

128 100

127 15.2 10.5 15.7

129 9.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 23.526 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078119.D

Acq: 02 Jan 2024 13:01

Tgt Ion:180 Resp: 43769

Ion Ratio Lower Upper

180 100

182 96.9 47.3 141.9

145 28.6 15.1 45.3

