

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078485.D
 Acq On : 20 Feb 2024 16:05
 Operator : RP/MD
 Sample : P1523-07RE
 Misc : 5.00G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240767-AMENDED-COMP-39N-N-3-02

Quant Time: Feb 21 05:24:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

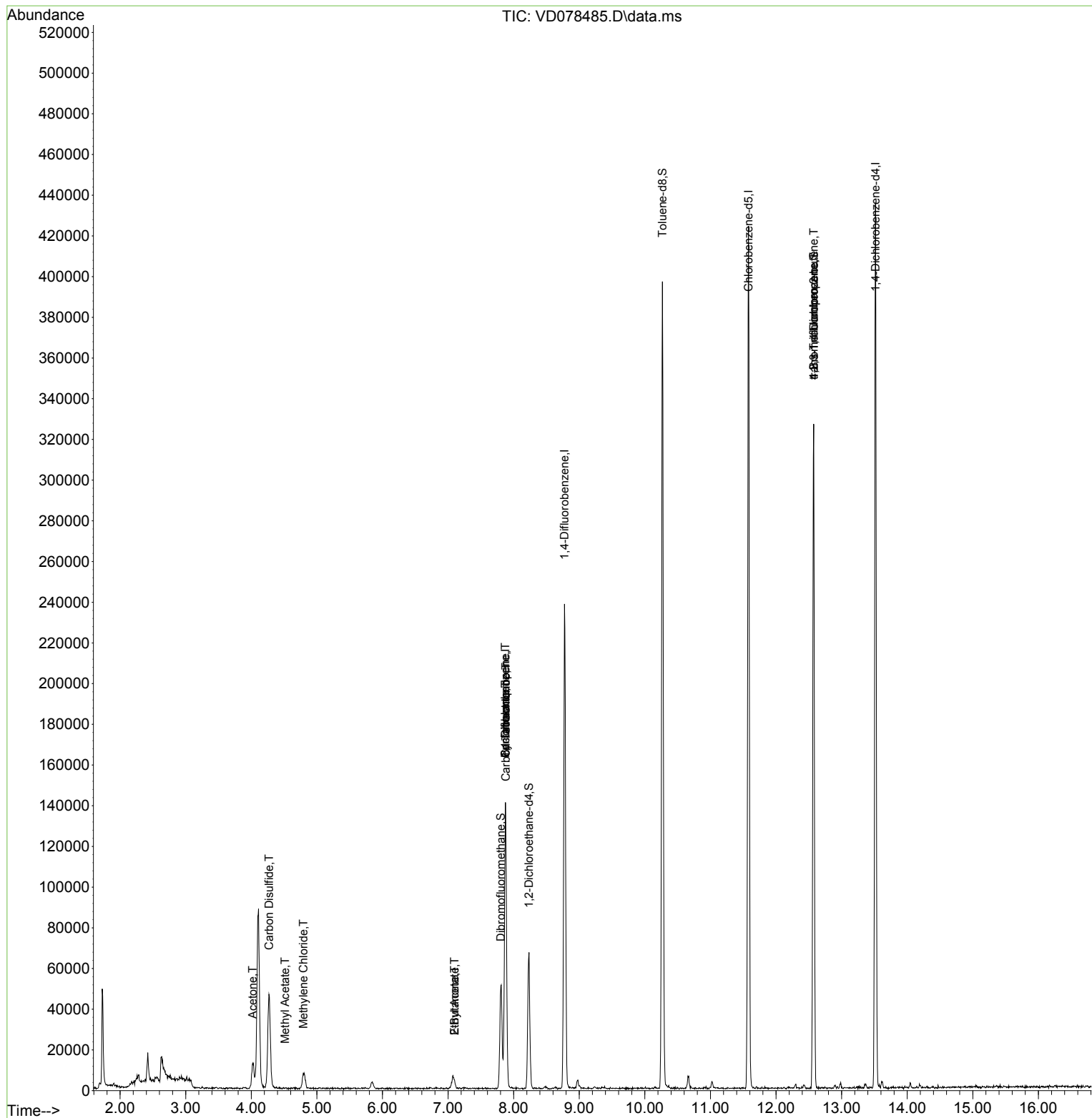
Internal Standards						
1) Pentafluorobenzene	7.875	168	105850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	213534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49425	43.185	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.360%		
35) Dibromofluoromethane	7.804	113	38379	28.295	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	56.580%		
50) Toluene-d8	10.269	98	278558	51.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.680%		
62) 4-Bromofluorobenzene	12.575	95	100130	63.414	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	126.820%		
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	21801	81.258	ug/l	90
17) Carbon Disulfide	4.269	76	97088	25.005	ug/l	99
18) Methyl Acetate	4.516	43	55	4.002	ug/l #	42
20) Methylene Chloride	4.793	84	6417	1.982	ug/l #	88
23) Vinyl Acetate	6.099	43	62	Below Cal	#	63
25) 2-Butanone	7.099	43	4917	1.341	ug/l #	85
31) Cyclohexane	7.875	56	2299	1.187	ug/l #	25
36) 1,1-Dichloropropene	7.875	75	8955	4.250	ug/l #	47
37) Ethyl Acetate	7.099	43	4917	6.657	ug/l #	64
38) Carbon Tetrachloride	7.881	117	10697	5.126	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	51452	51.242	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51452	106.379	ug/l #	17

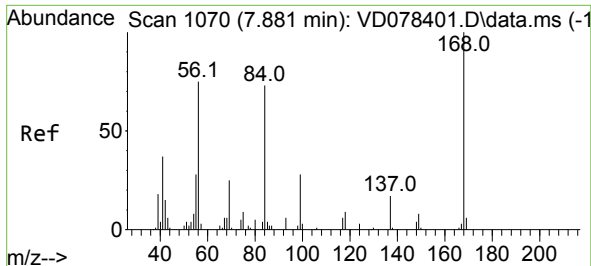
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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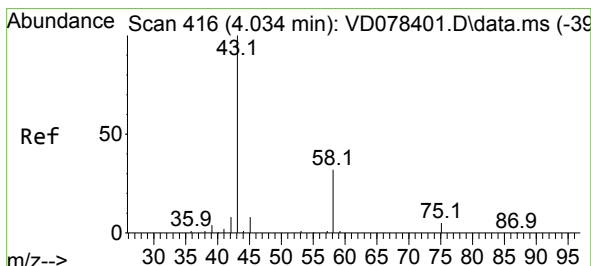
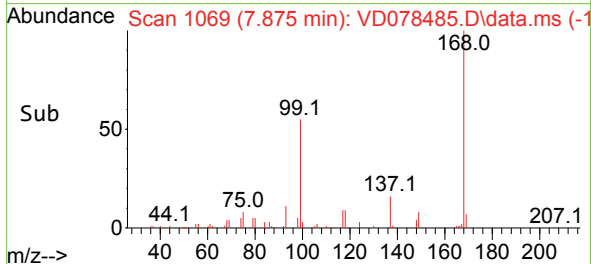
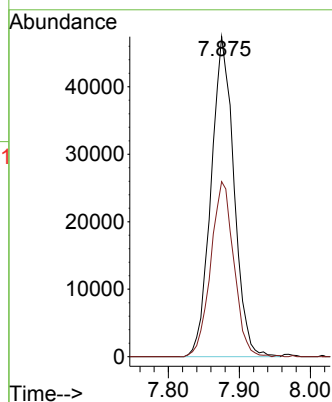
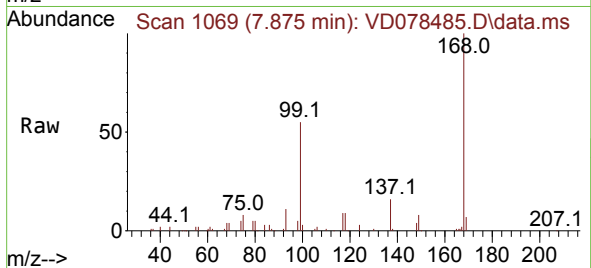




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

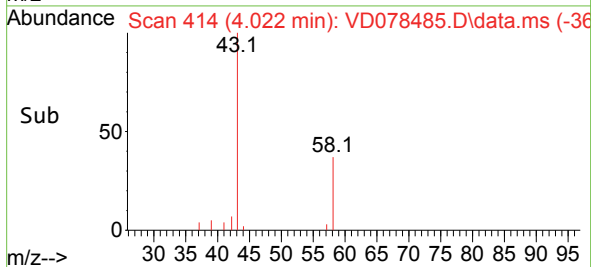
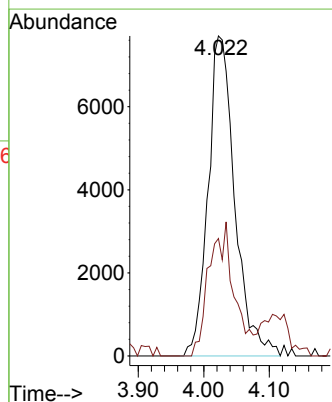
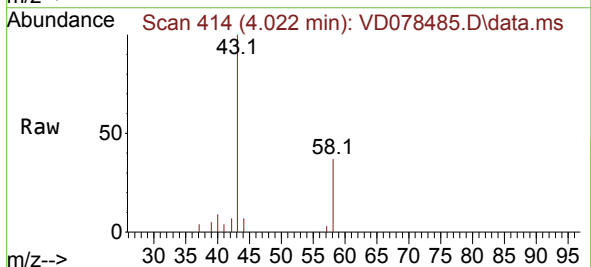
Instrument :
MSVOA_D
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

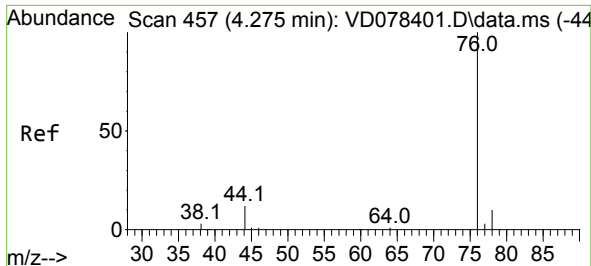
Tgt Ion:168 Resp: 105850
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#16
Acetone
Concen: 81.258 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Tgt Ion: 43 Resp: 21801
Ion Ratio Lower Upper
43 100
58 36.7 34.7 52.1

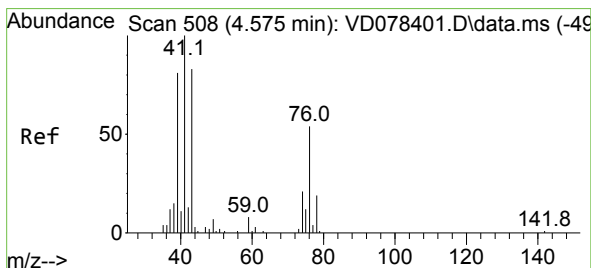
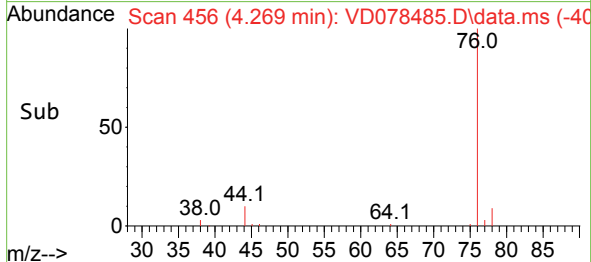
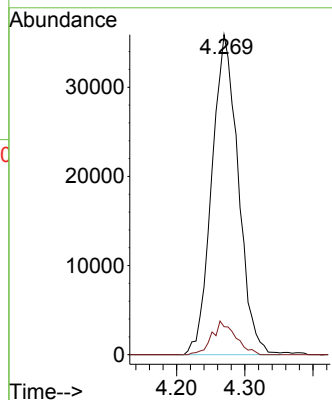
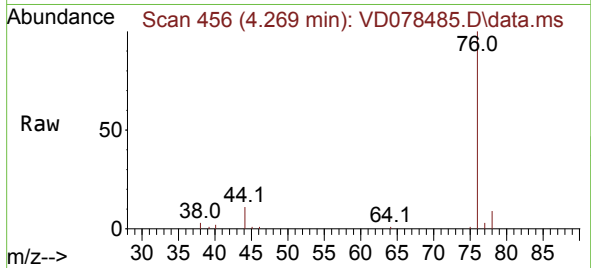




#17
Carbon Disulfide
Concen: 25.005 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

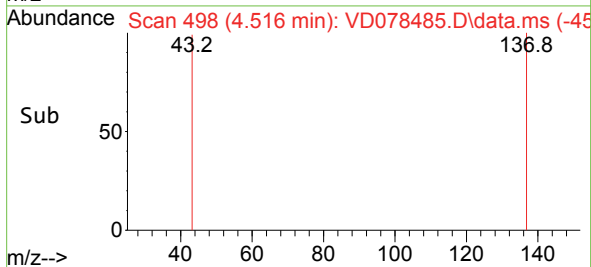
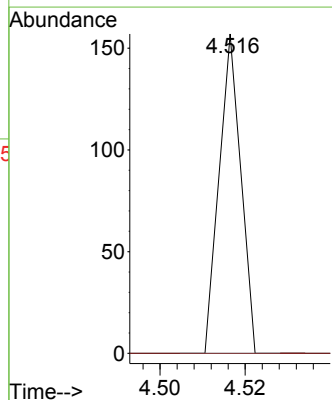
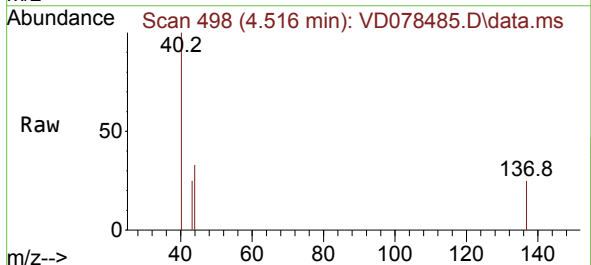
Instrument :
MSVOA_D
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

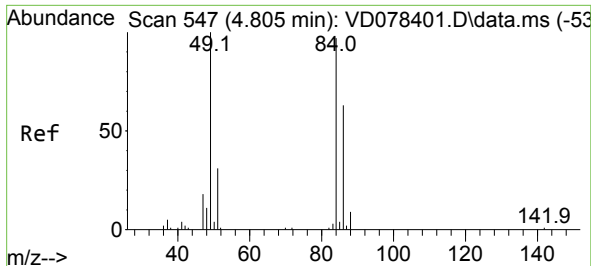
Tgt Ion: 76 Resp: 97088
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 4.002 ug/l
RT: 4.516 min Scan# 498
Delta R.T. -0.059 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

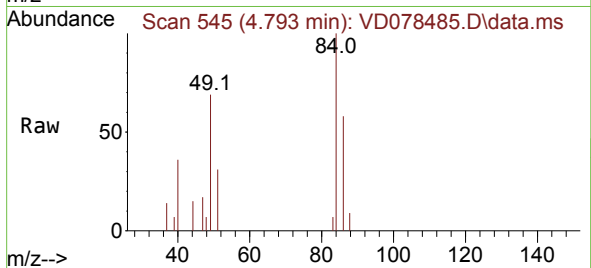
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





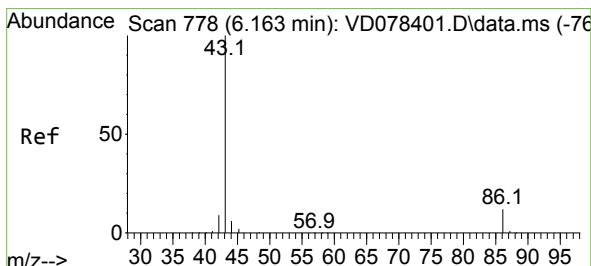
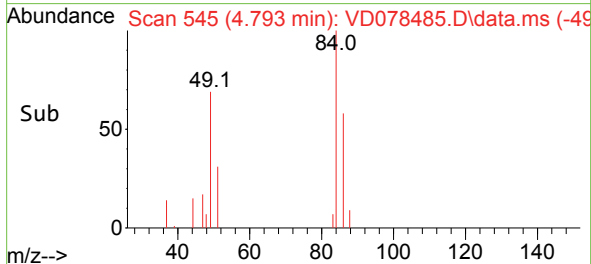
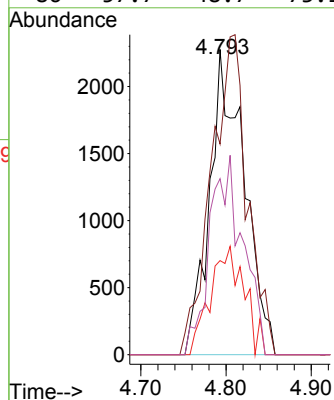
#20
Methylene Chloride
Concen: 1.982 ug/l
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Instrument : MSVOA_D
ClientSampleId : 20240767-AMENDED-COMP-39N-N-3-02



Tgt Ion: 84 Resp: 6417

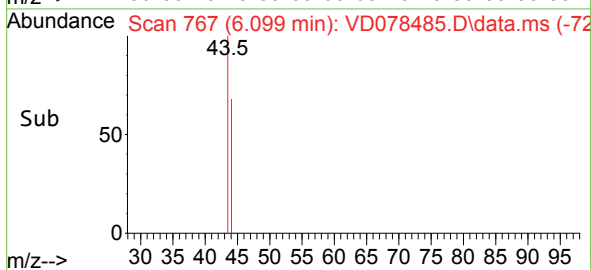
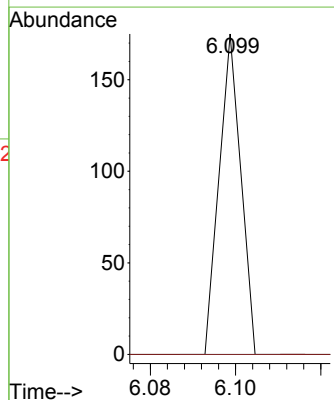
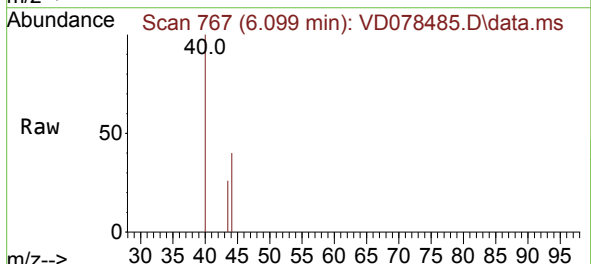
Ion	Ratio	Lower	Upper
84	100		
49	69.0	71.4	107.2#
51	30.8	24.5	36.7
86	57.7	48.7	73.1

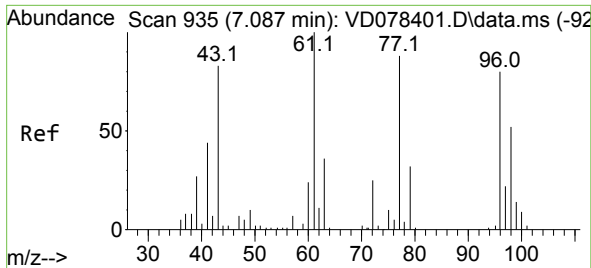


#23
Vinyl Acetate
Concen: Below Cal
RT: 6.099 min Scan# 767
Delta R.T. -0.064 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
86	0.0	12.5	18.7#

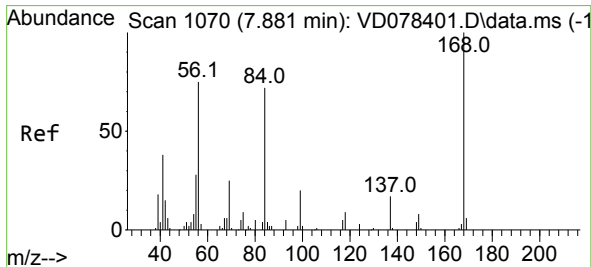
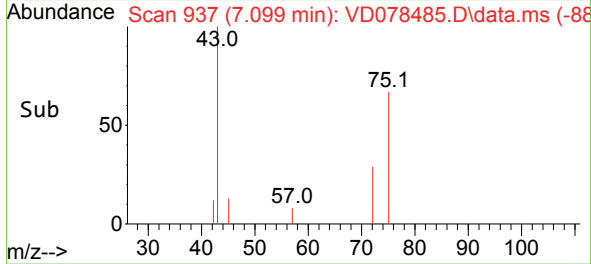
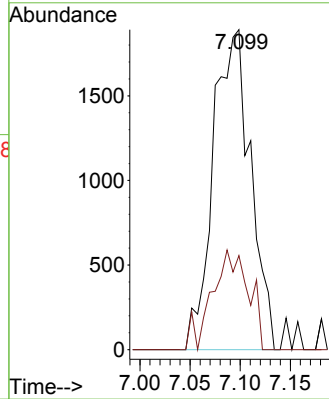
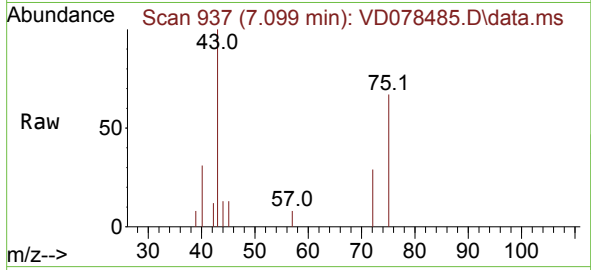




#25
2-Butanone
Concen: 1.341 ug/l
RT: 7.099 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

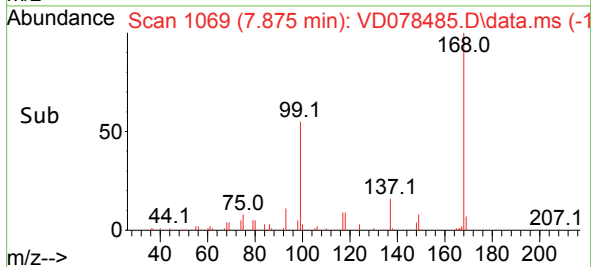
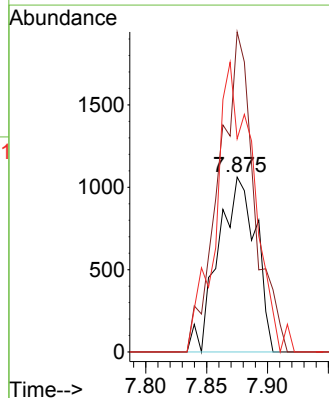
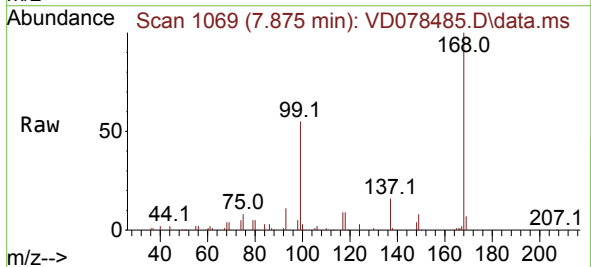
Instrument :
MSVOA_D
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

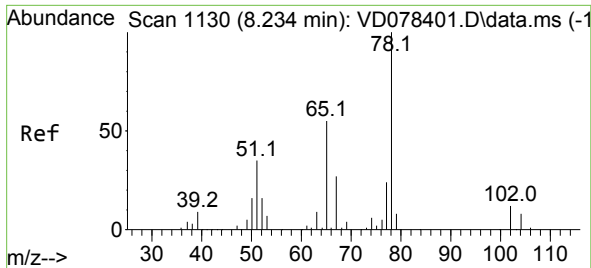
Tgt Ion: 43 Resp: 4917
Ion Ratio Lower Upper
43 100
72 29.4 30.7 46.1#



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Tgt Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
69 183.0 28.6 43.0#
84 121.8 84.8 127.2

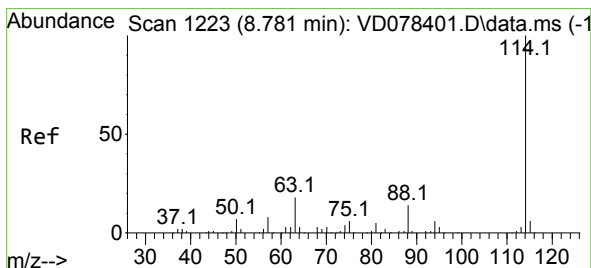
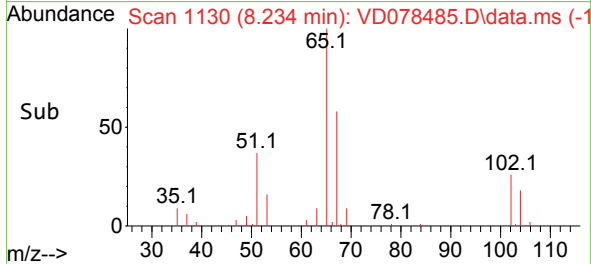
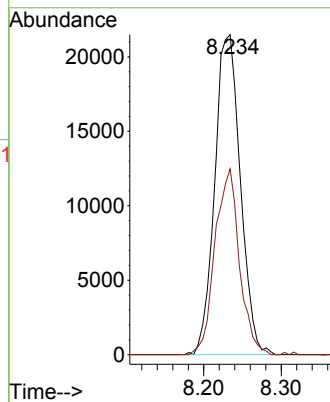
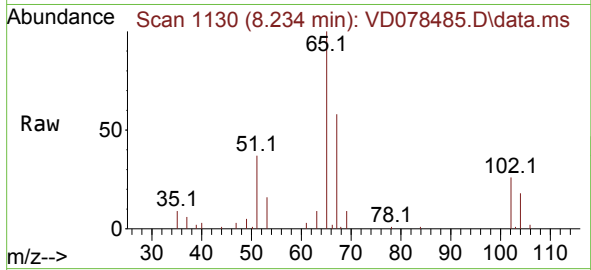




#33
1,2-Dichloroethane-d4
Concen: 43.185 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

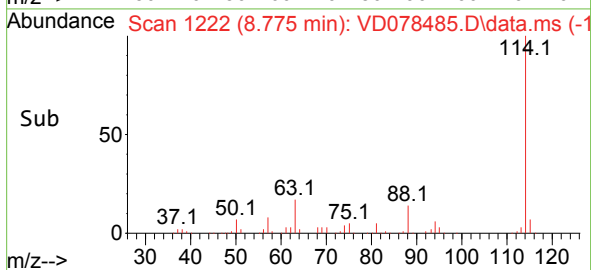
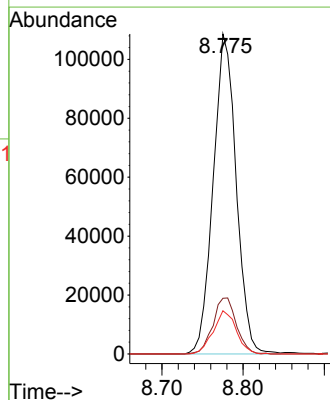
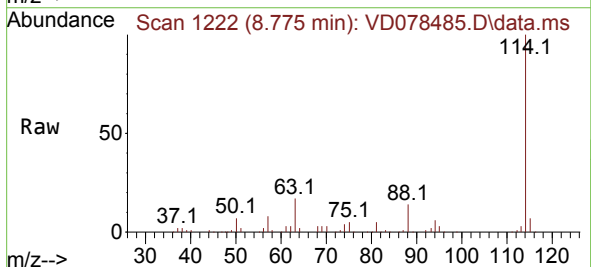
Instrument : MSVOA_D
ClientSampleId : 20240767-AMENDED-COMP-39N-N-3-02

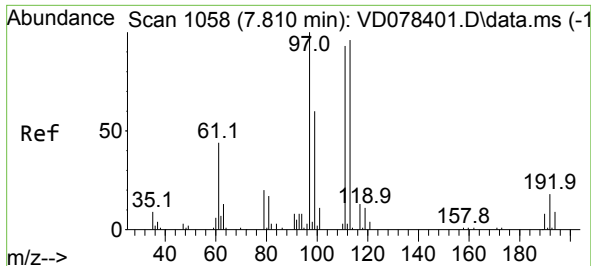
Tgt Ion: 65 Resp: 49425
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

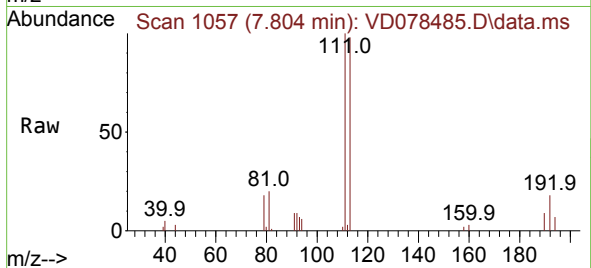
Tgt Ion: 114 Resp: 213534
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 13.5 0.0 26.2



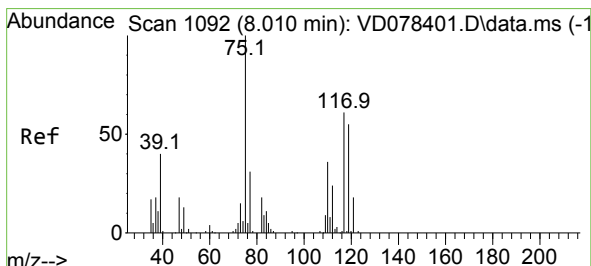
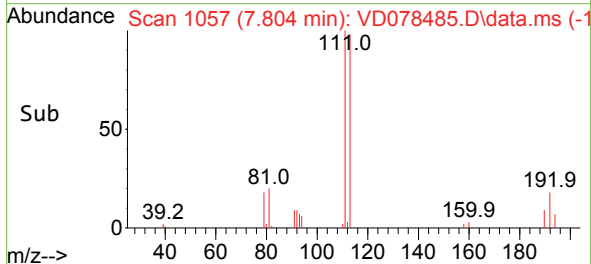
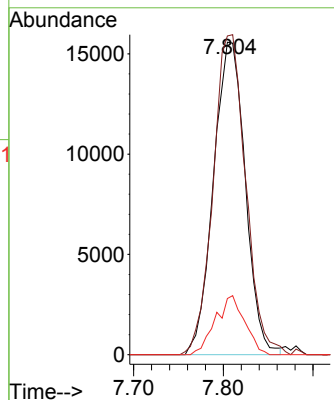


#35
 Dibromofluoromethane
 Concen: 28.295 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078485.D
 Acq: 20 Feb 2024 16:05

Instrument : MSVOA_D
 ClientSampleId : 20240767-AMENDED-COMP-39N-N-3-02

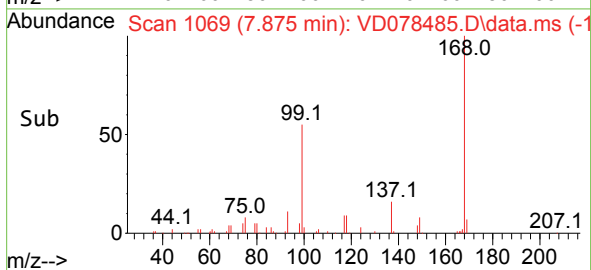
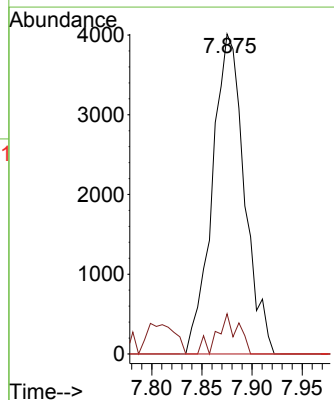
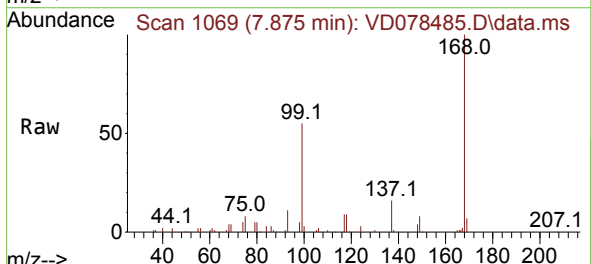


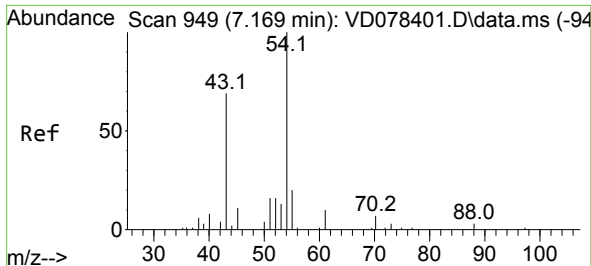
Tgt Ion:113 Resp: 38379
 Ion Ratio Lower Upper
 113 100
 111 104.6 84.7 127.1
 192 17.5 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.250 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD078485.D
 Acq: 20 Feb 2024 16:05

Tgt Ion: 75 Resp: 8955
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.9 59.6#
 77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 6.657 ug/l

RT: 7.099 min Scan# 91

Delta R.T. -0.071 min

Lab File: VD078485.D

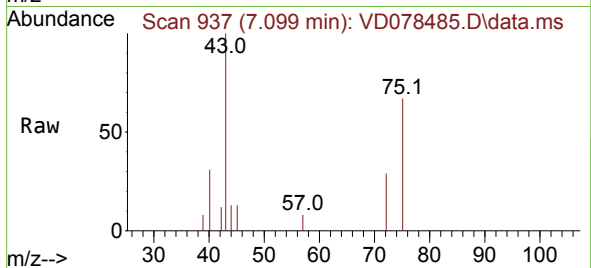
Acq: 20 Feb 2024 16:05

Instrument :

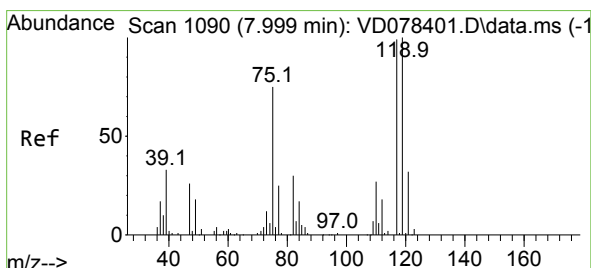
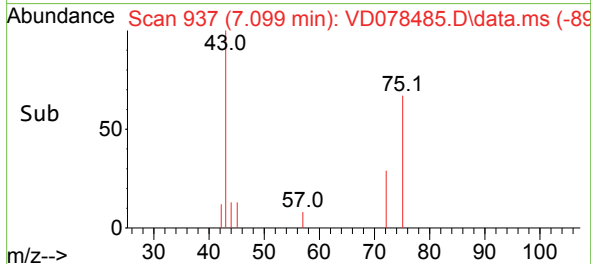
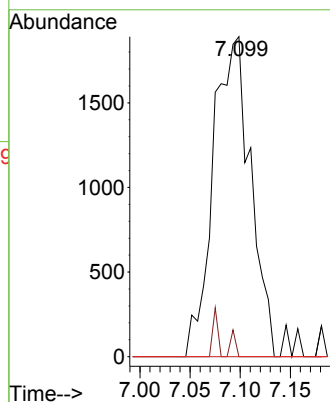
MSVOA_D

ClientSampleId :

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Tgt Ion:	43	Resp:	4917
Ion	Ratio	Lower	Upper
43	100		
61	1.1	14.9	22.3#
70	0.0	10.0	15.0#



#38

Carbon Tetrachloride

Concen: 5.126 ug/l

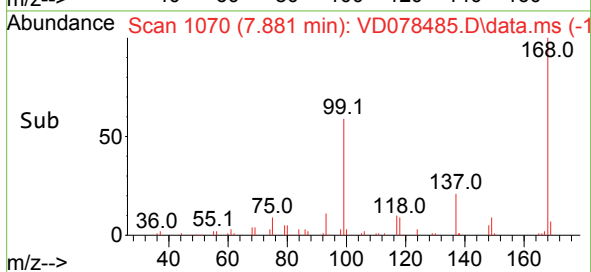
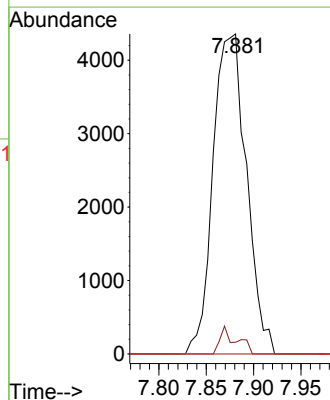
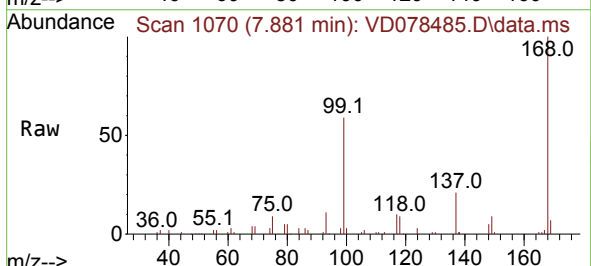
RT: 7.881 min Scan# 1070

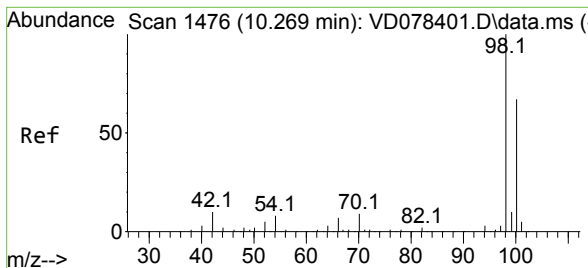
Delta R.T. -0.118 min

Lab File: VD078485.D

Acq: 20 Feb 2024 16:05

Tgt Ion:	117	Resp:	10697
Ion	Ratio	Lower	Upper
117	100		
119	3.6	78.0	117.0#
121	0.0	24.2	36.2#

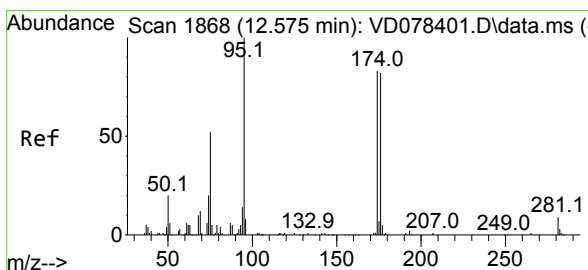
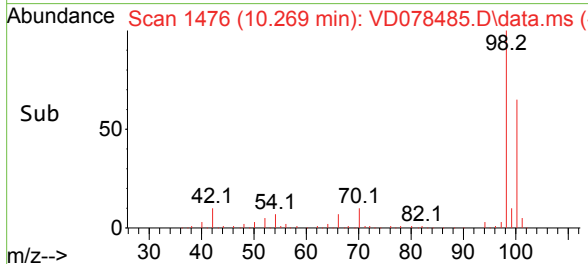
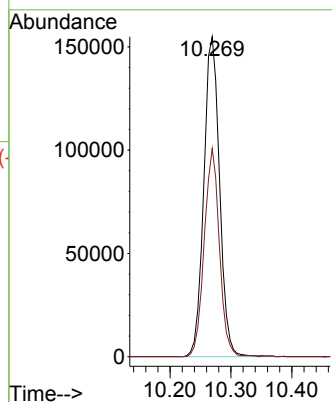
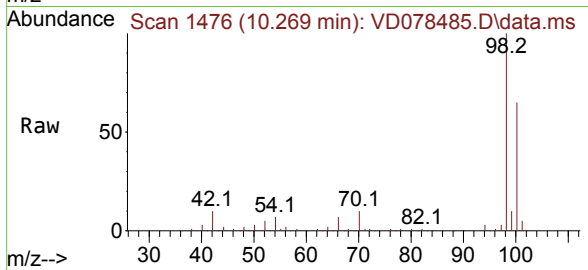




#50
Toluene-d8
Concen: 51.338 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

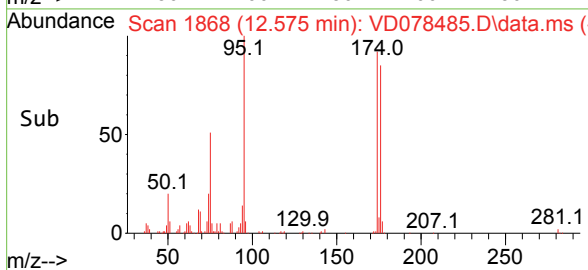
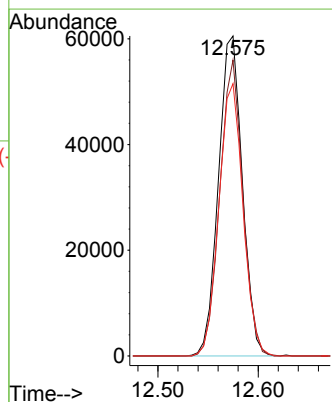
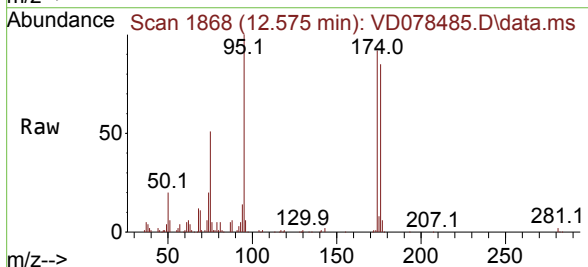
Instrument : MSVOA_D
ClientSampleId : 20240767-AMENDED-COMP-39N-N-3-02

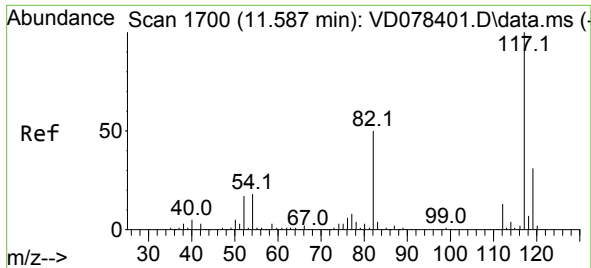
Tgt Ion: 98 Resp: 278558
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.414 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

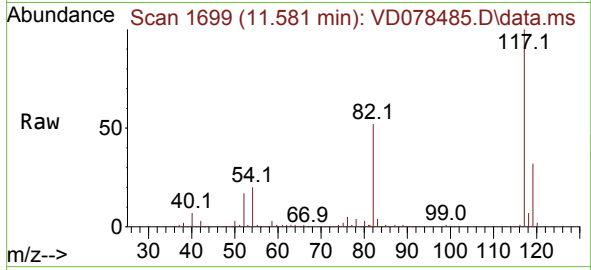
Tgt Ion: 95 Resp: 100130
Ion Ratio Lower Upper
95 100
174 89.1 0.0 201.8
176 85.8 0.0 191.8



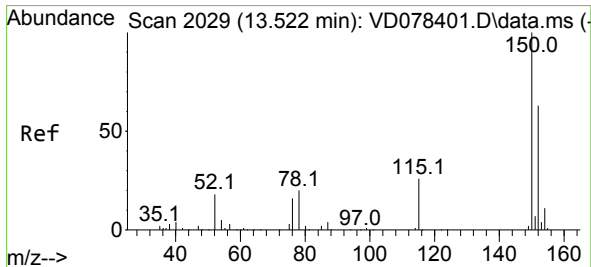
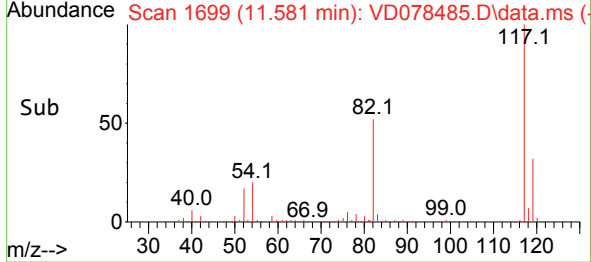
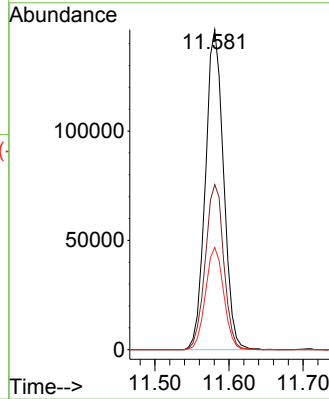


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

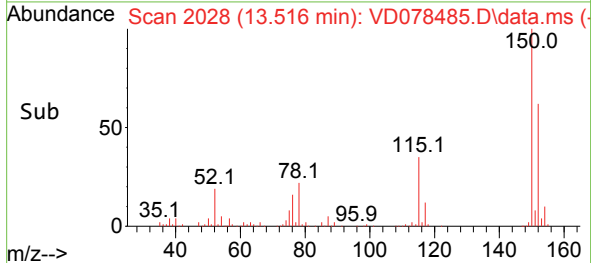
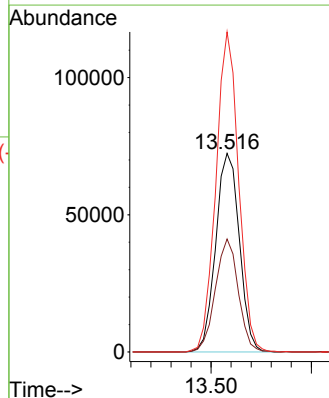
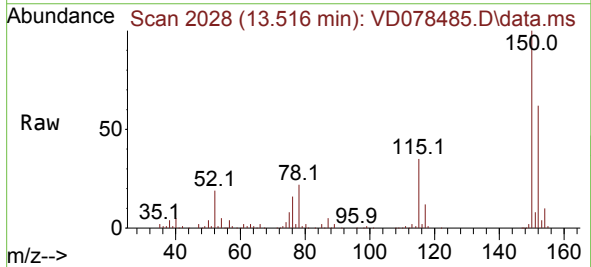


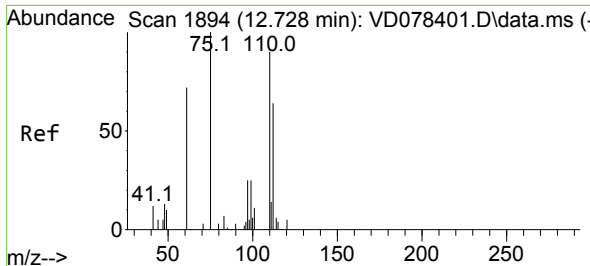
Tgt Ion:117 Resp: 248572
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Tgt Ion:152 Resp: 118273
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 154.7 0.0 353.6

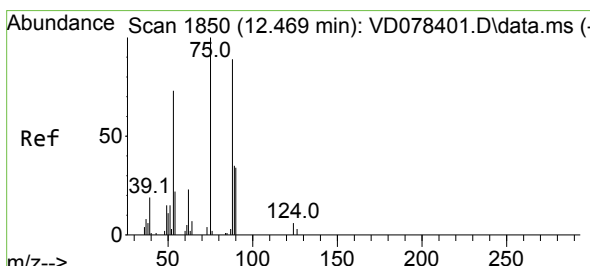
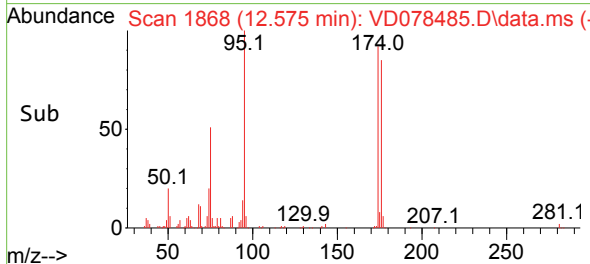
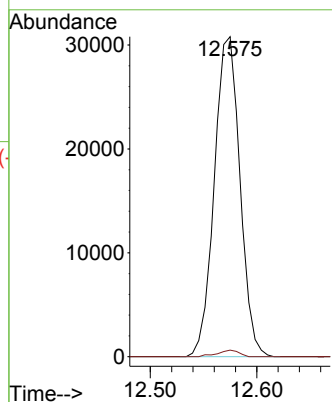
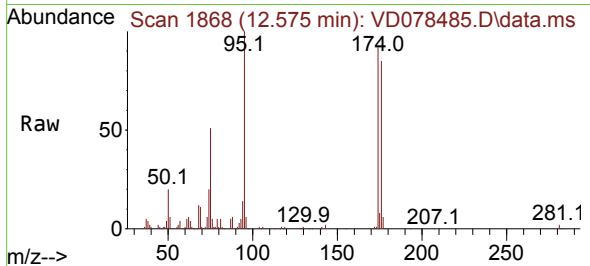




#76
1,2,3-Trichloropropane
Concen: 51.242 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Instrument : MSVOA_D
ClientSampleId : 20240767-AMENDED-COMP-39N-N-3-02

Tgt Ion: 75 Resp: 51452
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.379 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078485.D
Acq: 20 Feb 2024 16:05

Tgt Ion: 75 Resp: 51452
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

