

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079776.D
 Acq On : 04 Sep 2024 16:24
 Operator : RP/MD
 Sample : P3814-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 02:18:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

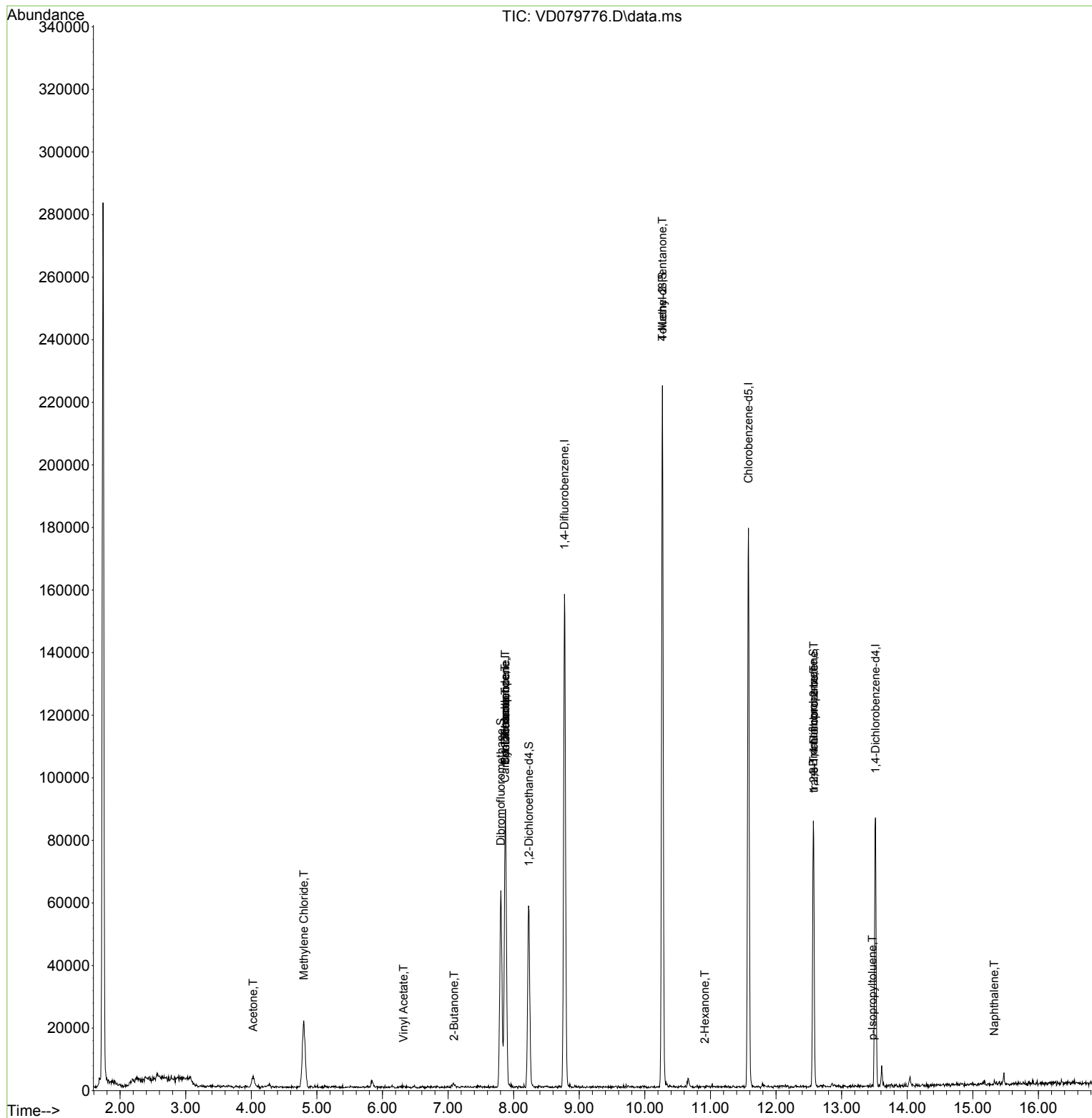
Internal Standards						
1) Pentafluorobenzene	7.875	168	60779	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	135277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	101633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46153	55.692	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.380%	
35) Dibromofluoromethane	7.804	113	44809	50.960	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	101.920%	
50) Toluene-d8	10.269	98	154408	40.945	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	81.900%	
62) 4-Bromofluorobenzene	12.569	95	26458	25.075	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	50.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	6286	36.552	ug/l	93
20) Methylene Chloride	4.805	84	15978	13.553	ug/l #	81
23) Vinyl Acetate	6.322	43	55	2.549	ug/l #	63
25) 2-Butanone	7.093	43	1335	5.819	ug/l #	42
31) Cyclohexane	7.875	56	1963	1.417	ug/l #	29
36) 1,1-Dichloropropene	7.875	75	6253	4.798	ug/l #	47
38) Carbon Tetrachloride	7.869	117	7614	5.478	ug/l #	13
51) 4-Methyl-2-Pentanone	10.269	43	715	1.274	ug/l #	1
59) 2-Hexanone	10.916	43	55	20.349	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	14158	76.340	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	14158	127.327	ug/l #	19
86) p-Isopropyltoluene	13.469	119	85	3.794	ug/l #	51
95) Naphthalene	15.328	128	720	1.022	ug/l #	28

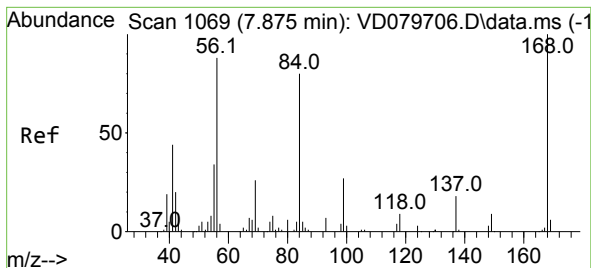
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 05 02:18:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

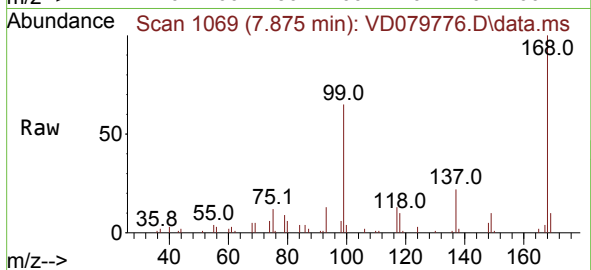
Lab File: VD079776.D

Acq: 04 Sep 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

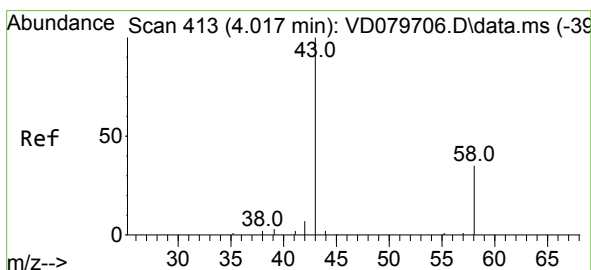
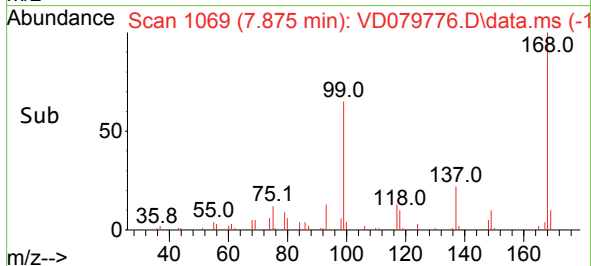
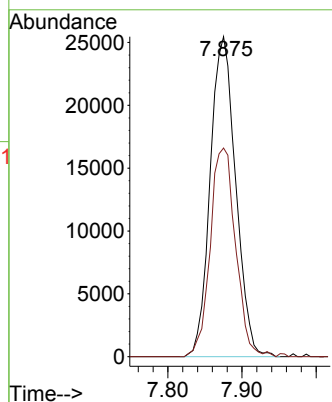


Tgt Ion:168 Resp: 60779

Ion Ratio Lower Upper

168 100

99 65.2 41.1 61.7#



#16

Acetone

Concen: 36.552 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.011 min

Lab File: VD079776.D

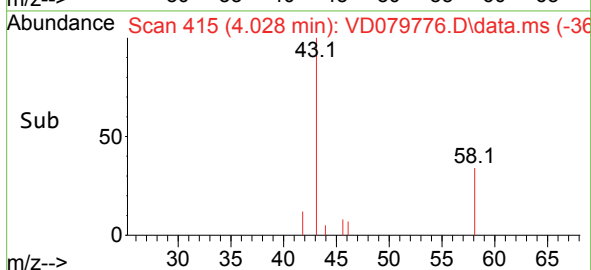
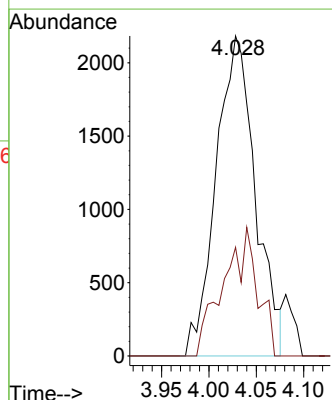
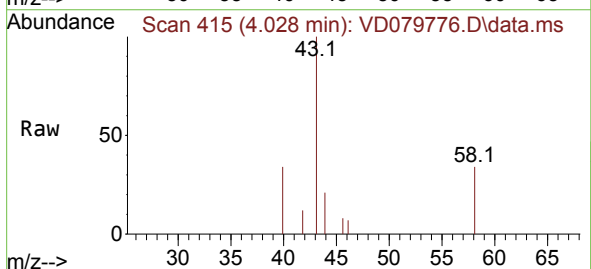
Acq: 04 Sep 2024 16:24

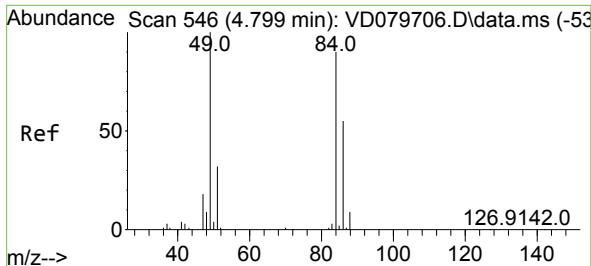
Tgt Ion: 43 Resp: 6286

Ion Ratio Lower Upper

43 100

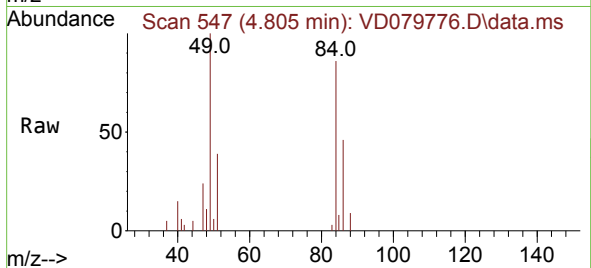
58 33.9 30.4 45.6



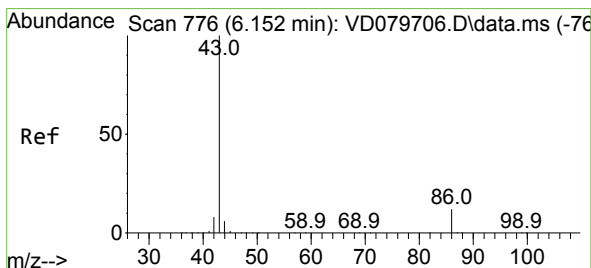
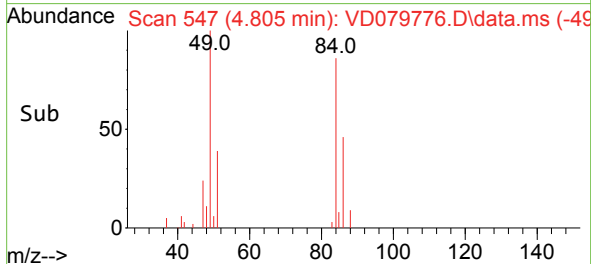
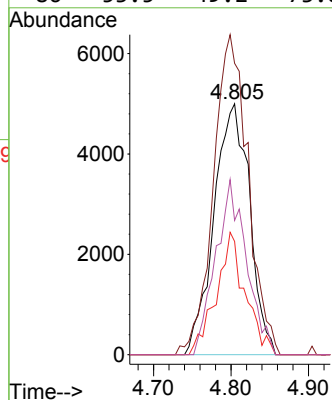


#20
Methylene Chloride
Concen: 13.553 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

Instrument :
MSVOA_D
ClientSampleId :

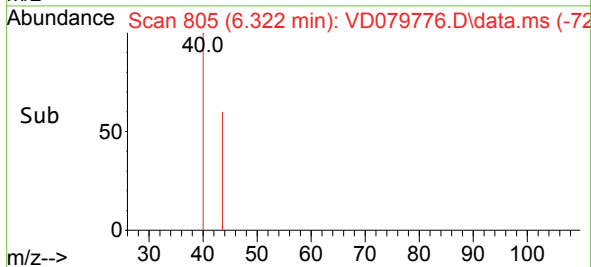
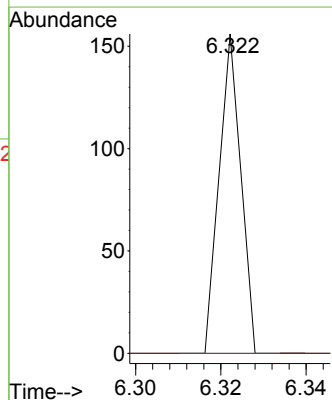
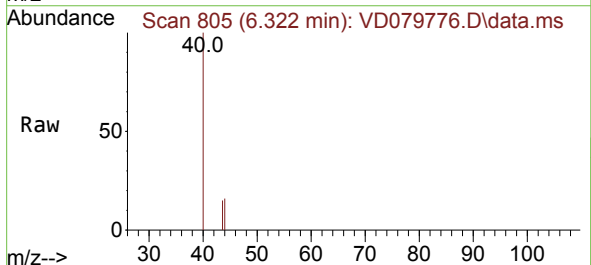


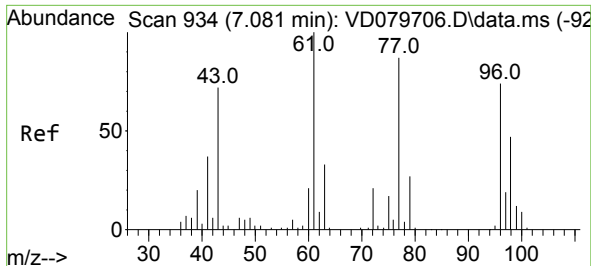
Tgt Ion: 84 Resp: 15978
Ion Ratio Lower Upper
84 100
49 116.1 75.6 113.4#
51 45.1 24.2 36.2#
86 53.5 49.2 73.8



#23
Vinyl Acetate
Concen: 2.549 ug/l
RT: 6.322 min Scan# 805
Delta R.T. 0.170 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
86 0.0 12.3 18.5#





#25

2-Butanone

Concen: 5.819 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD079776.D

Acq: 04 Sep 2024 16:24

Instrument :

MSVOA_D

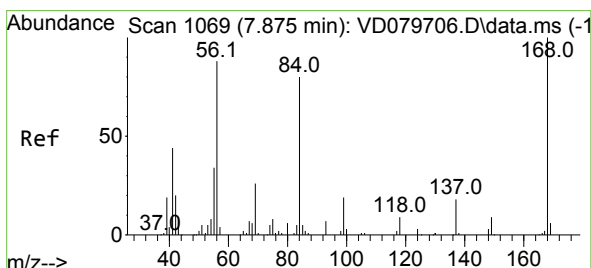
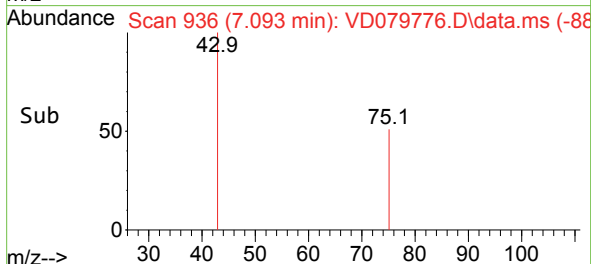
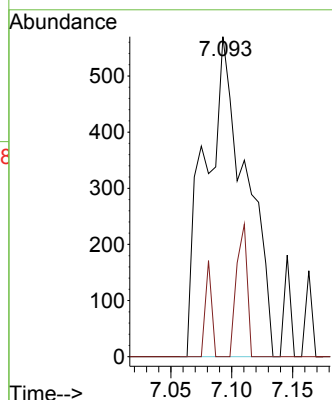
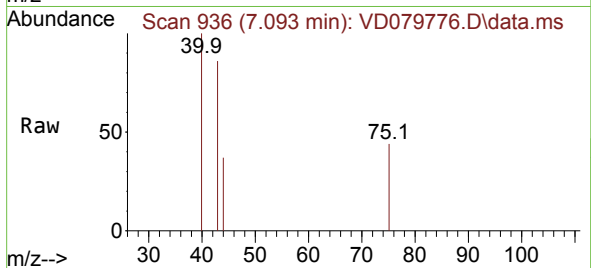
ClientSampleId :

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

72 0.0 26.4 39.6#



#31

Cyclohexane

Concen: 1.417 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079776.D

Acq: 04 Sep 2024 16:24

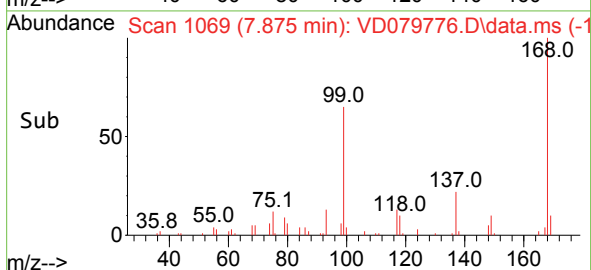
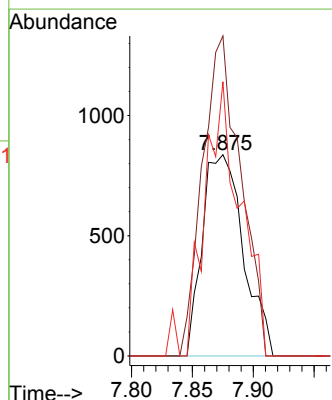
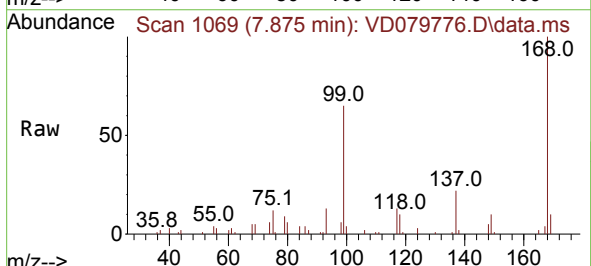
Tgt Ion: 56 Resp: 1963

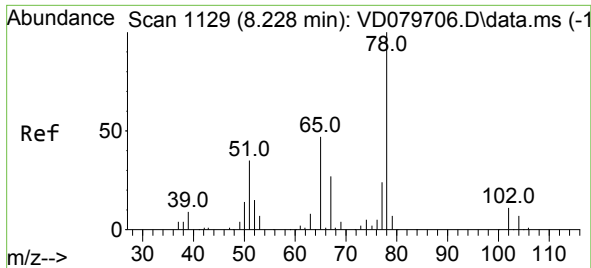
Ion Ratio Lower Upper

56 100

69 159.0 28.0 42.0#

84 136.3 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 55.692 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079776.D

Acq: 04 Sep 2024 16:24

Instrument :

MSVOA_D

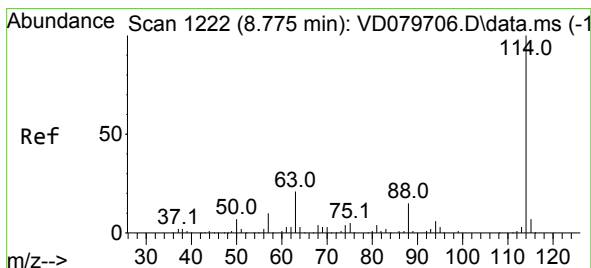
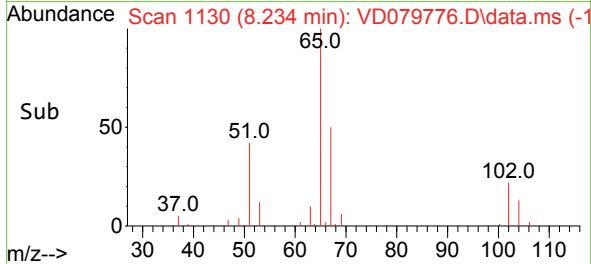
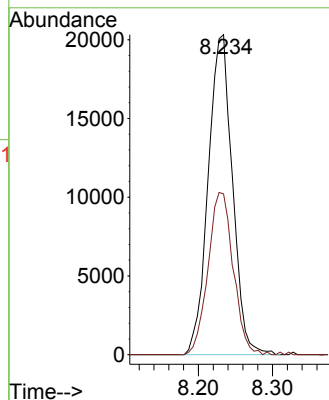
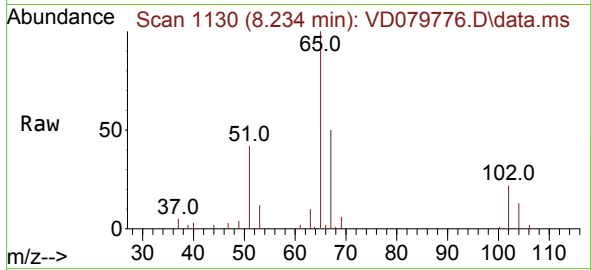
ClientSampleId :

Tgt Ion: 65 Resp: 46153

Ion Ratio Lower Upper

65 100

67 52.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079776.D

Acq: 04 Sep 2024 16:24

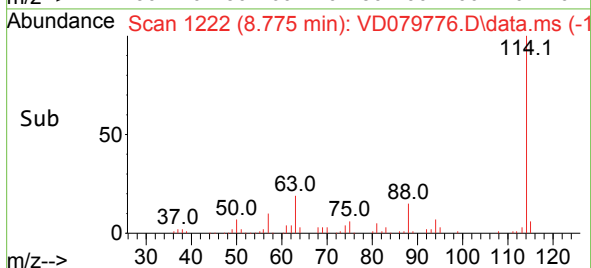
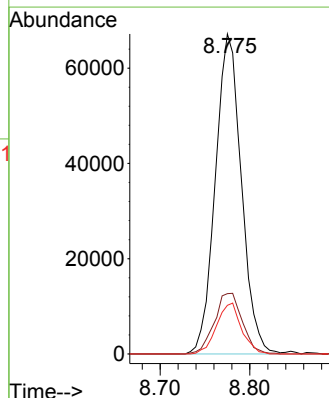
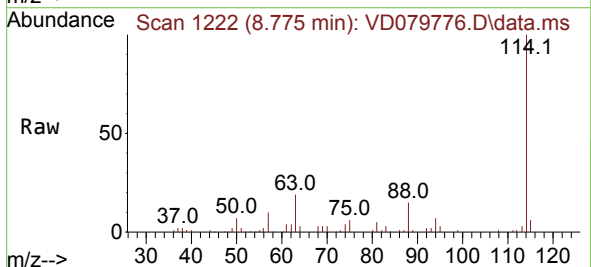
Tgt Ion: 114 Resp: 135277

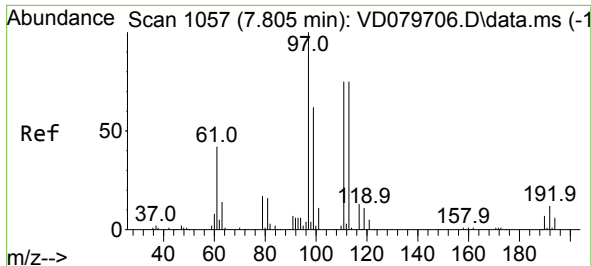
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

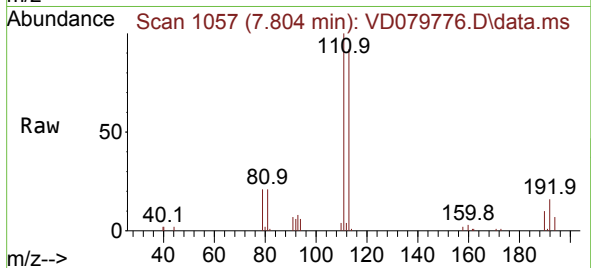
88 15.2 0.0 27.2



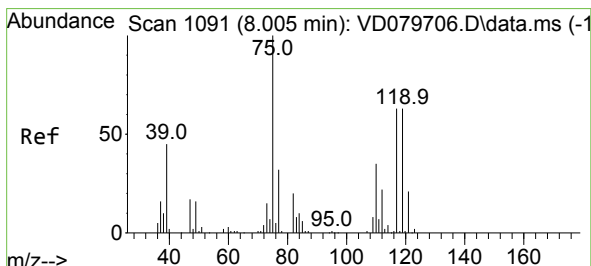
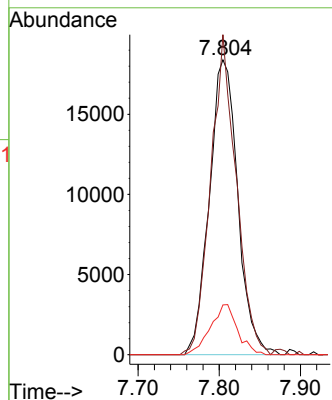
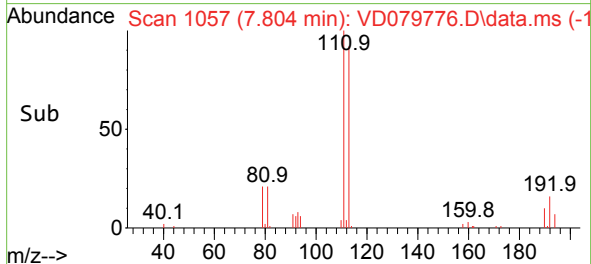


#35
Dibromofluoromethane
Concen: 50.960 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

Instrument :
MSVOA_D
ClientSampleId :

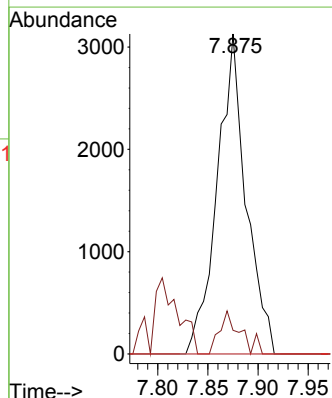
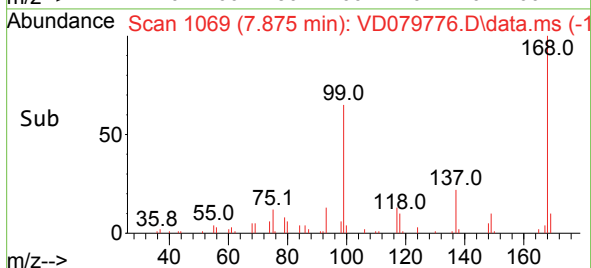
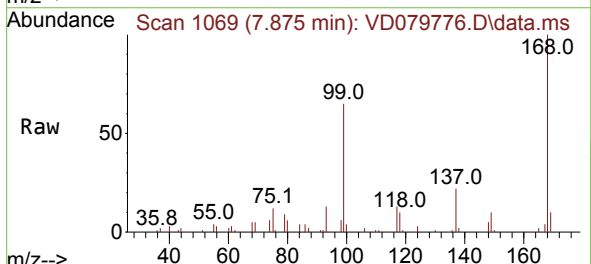


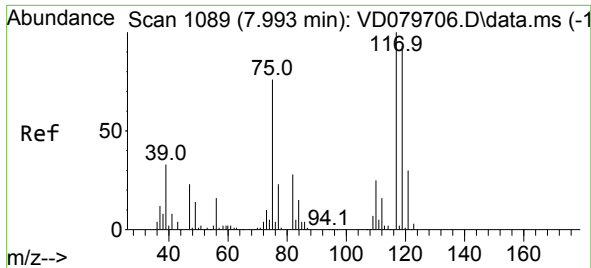
Tgt Ion:113 Resp: 44809
Ion Ratio Lower Upper
113 100
111 97.8 84.0 126.0
192 16.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

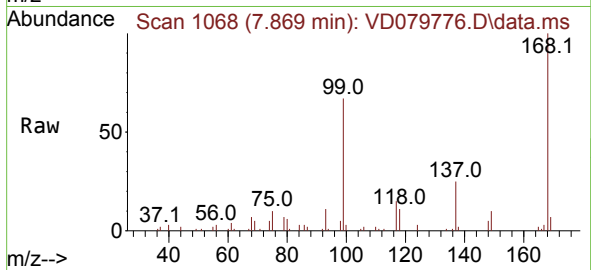
Tgt Ion: 75 Resp: 6253
Ion Ratio Lower Upper
75 100
110 9.7 19.6 58.7#
77 0.0 26.1 39.1#



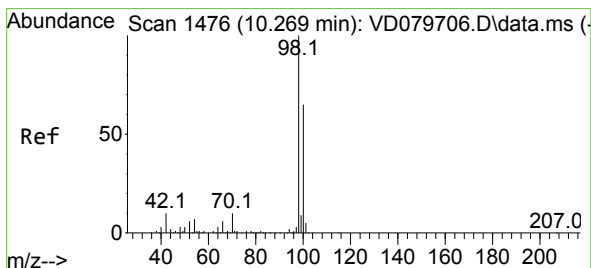
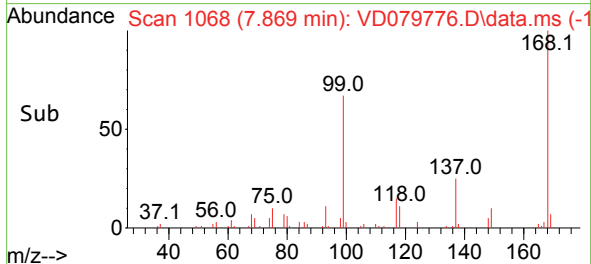
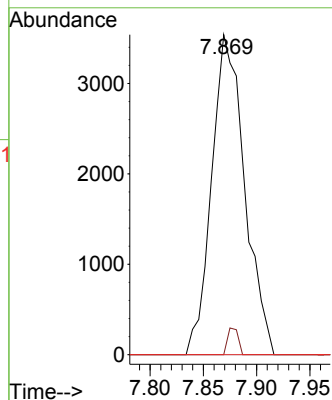


#38
Carbon Tetrachloride
Concen: 5.478 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

Instrument :
MSVOA_D
ClientSampleId :

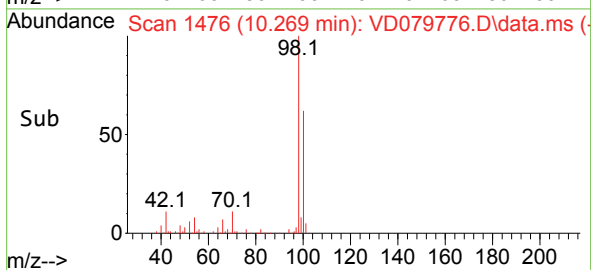
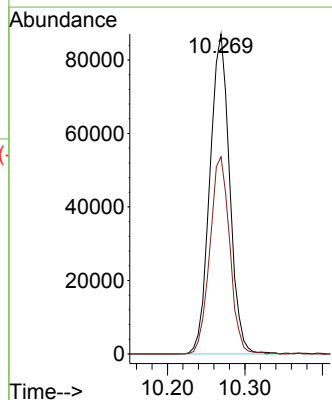
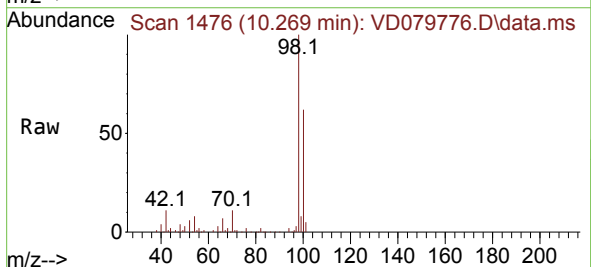


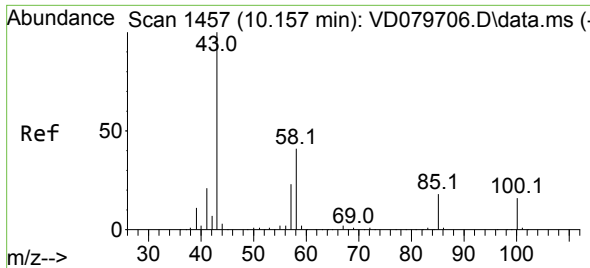
Tgt Ion:117 Resp: 7614
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 40.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

Tgt Ion: 98 Resp: 154408
Ion Ratio Lower Upper
98 100
100 61.8 51.6 77.4

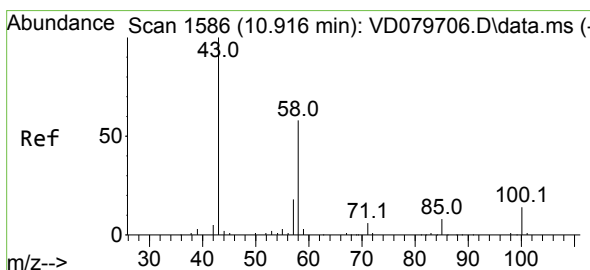
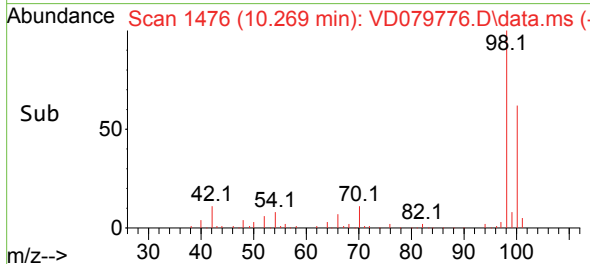
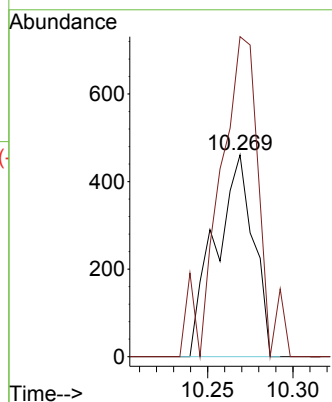
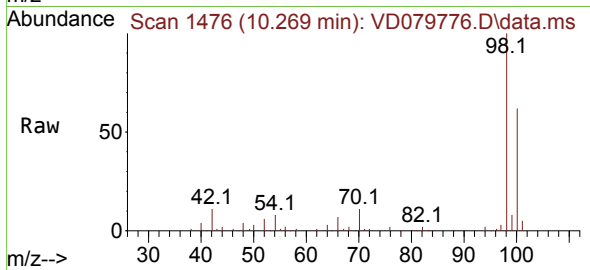




#51
4-Methyl-2-Pentanone
Concen: 1.274 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

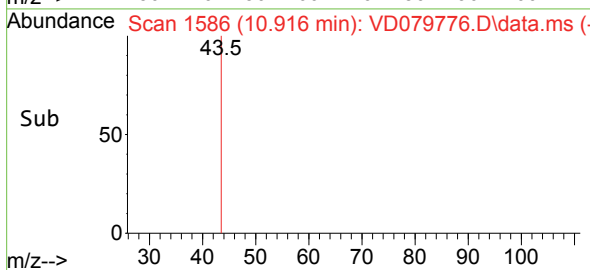
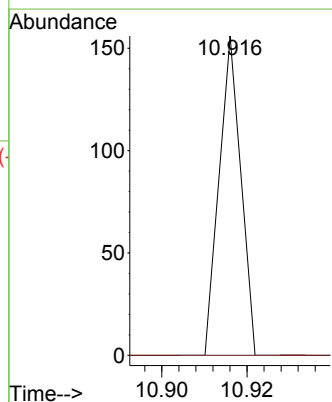
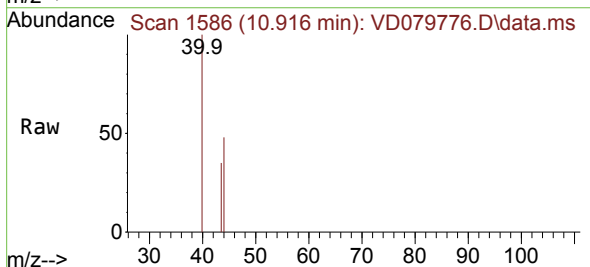
Instrument :
MSVOA_D
ClientSampleId :

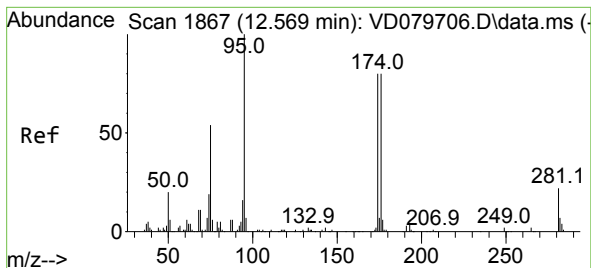
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 165.3 36.6 55.0#



#59
2-Hexanone
Concen: 20.349 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

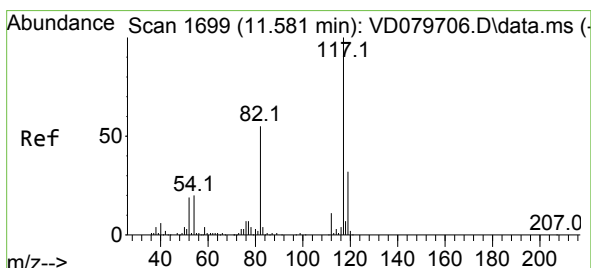
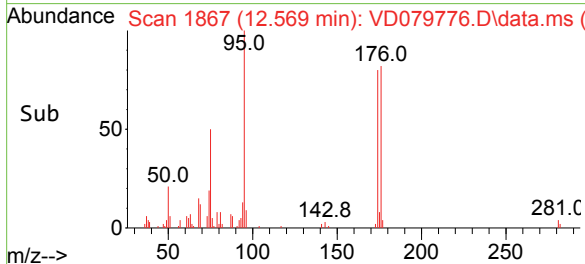
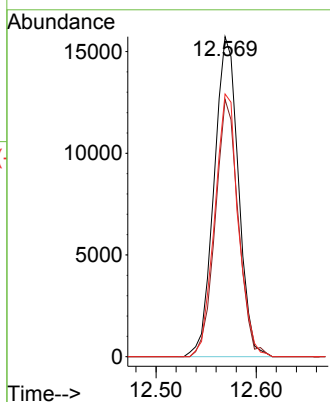
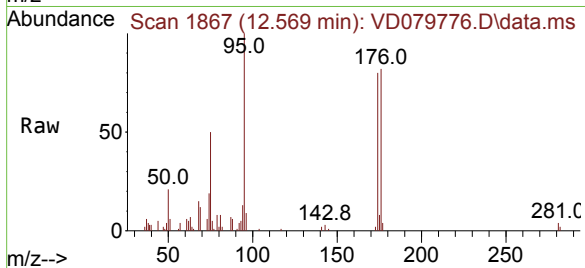




#62
4-Bromofluorobenzene
Concen: 25.075 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

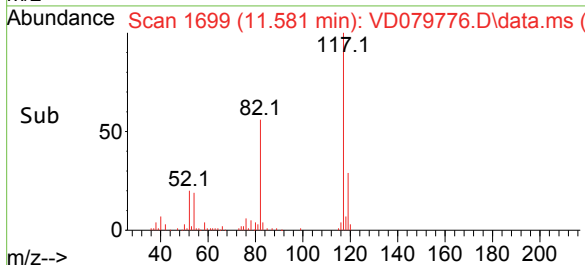
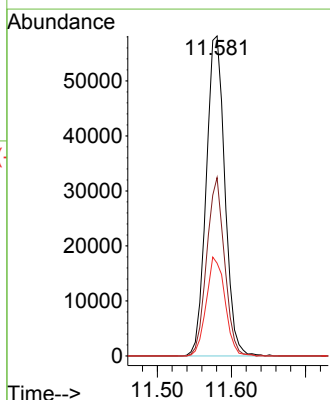
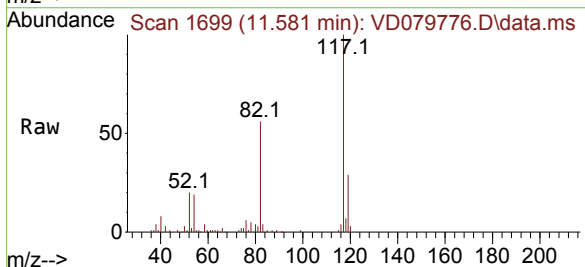
Instrument :
MSVOA_D
ClientSampleId :

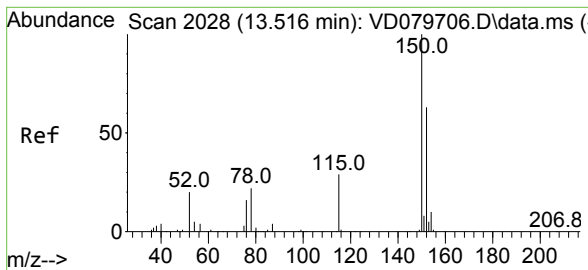
Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	195.4
176	79.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079776.D
Acq: 04 Sep 2024 16:24

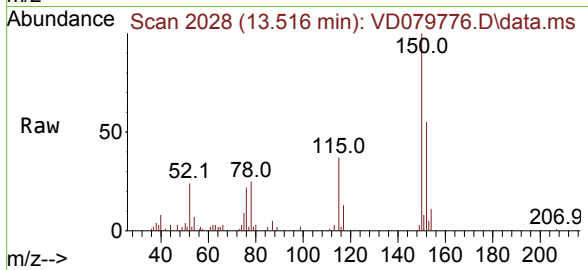
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.8	39.8	59.6
119	29.0	25.7	38.5



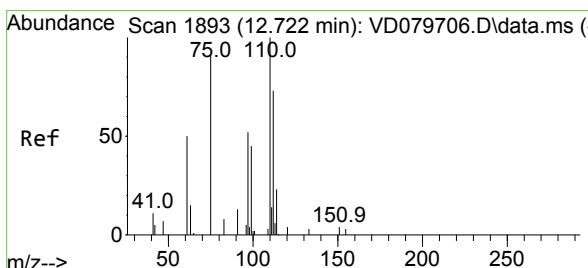
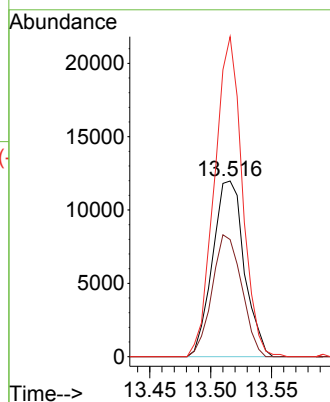
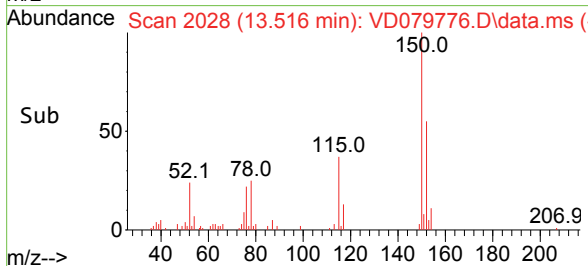


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD079776.D
 Acq: 04 Sep 2024 16:24

Instrument :
 MSVOA_D
 ClientSampleId :

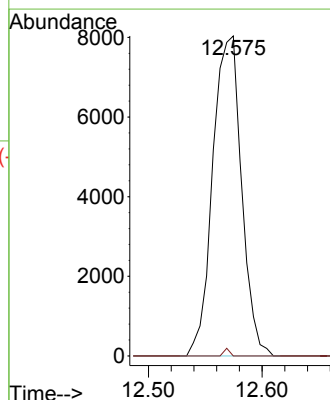
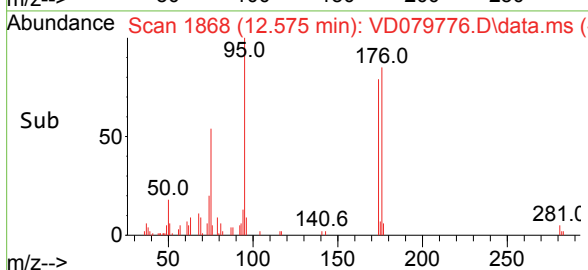
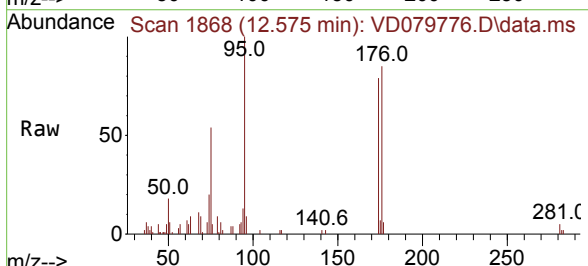


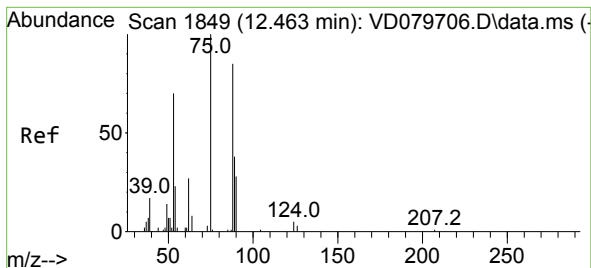
Tgt Ion:152 Resp: 21699
 Ion Ratio Lower Upper
 152 100
 115 64.7 26.5 79.5
 150 159.8 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 76.340 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD079776.D
 Acq: 04 Sep 2024 16:24

Tgt Ion: 75 Resp: 14158
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

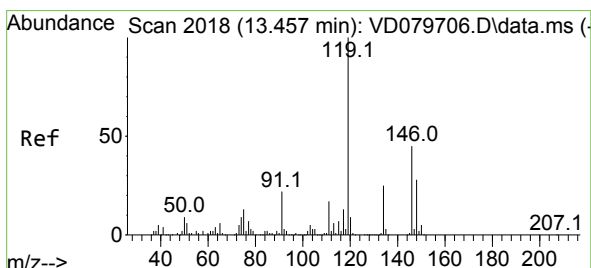
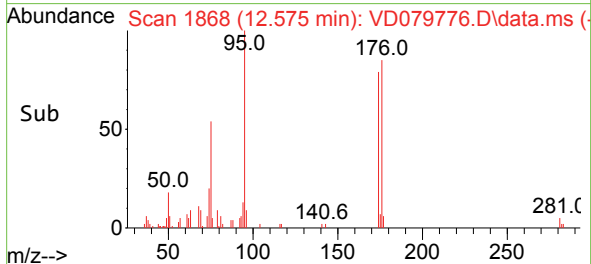
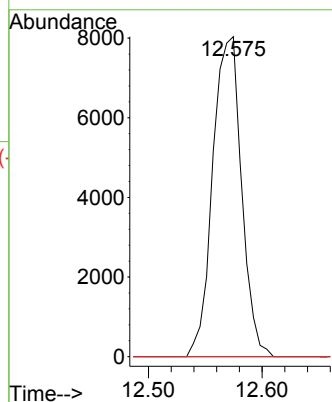
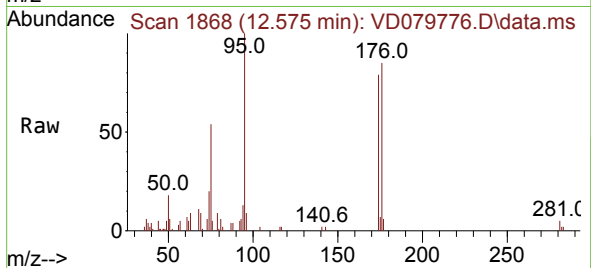




#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.327 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.112 min
 Lab File: VD079776.D
 Acq: 04 Sep 2024 16:24

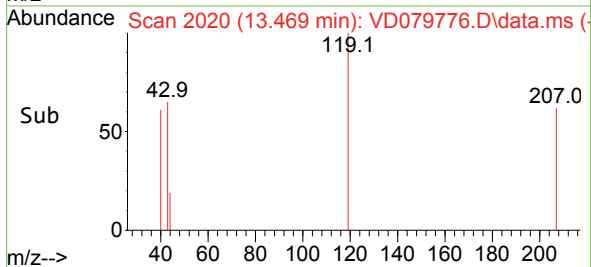
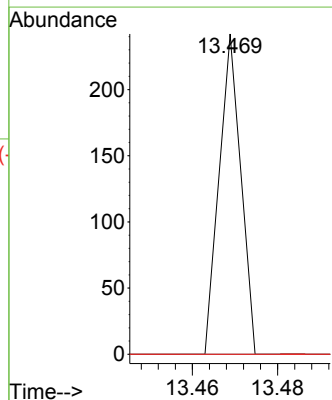
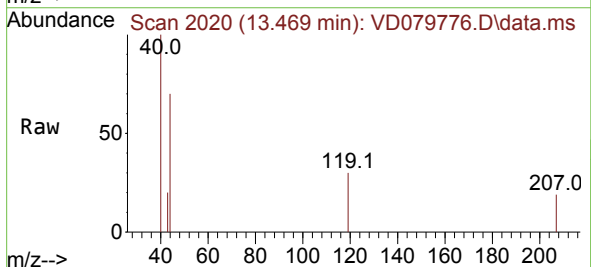
Instrument :
 MSVOA_D
 ClientSampleId :

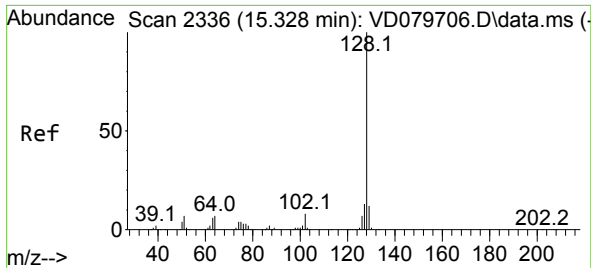
Tgt Ion: 75 Resp: 14158
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#



#86
 p-Isopropyltoluene
 Concen: 3.794 ug/l
 RT: 13.469 min Scan# 2020
 Delta R.T. 0.012 min
 Lab File: VD079776.D
 Acq: 04 Sep 2024 16:24

Tgt Ion: 119 Resp: 85
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.7 41.1#
 91 0.0 10.7 32.1#





#95

Naphthalene

Concen: 1.022 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

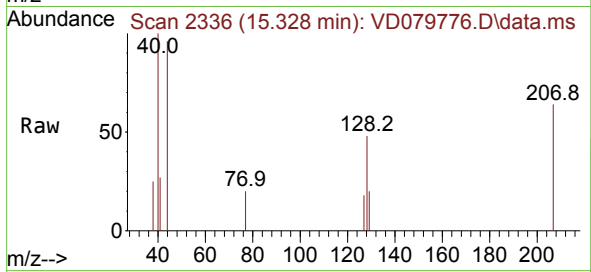
Lab File: VD079776.D

Acq: 04 Sep 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	128	Resp:	720
Ion	Ratio	Lower	Upper
128	100		
127	38.3	10.2	15.4#
129	41.1	8.5	12.7#

