

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079585.D
 Acq On : 05 Aug 2024 17:16
 Operator : RP/MD
 Sample : P3406-02
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

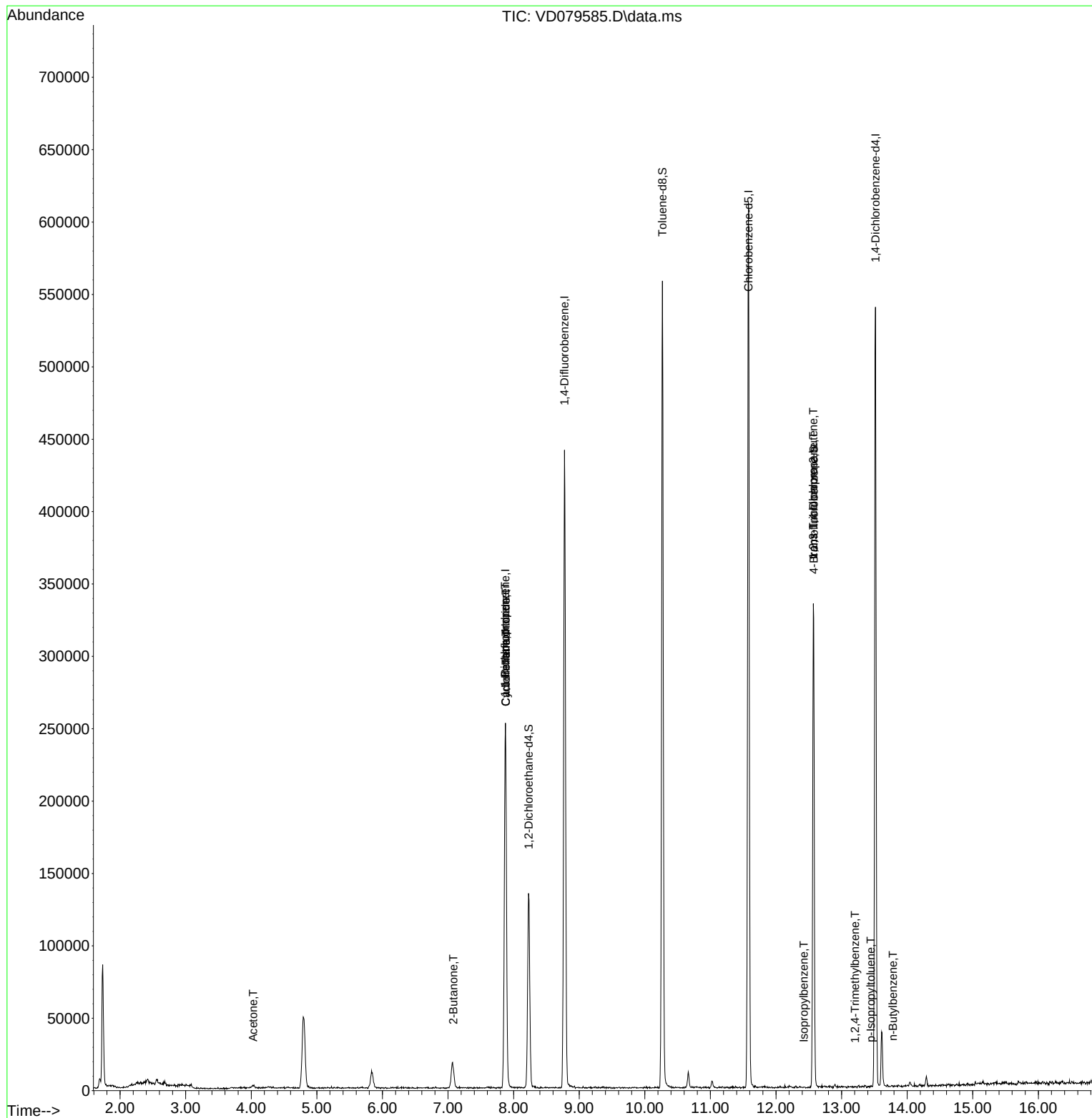
Internal Standards						
1) Pentafluorobenzene	7.875	168	202850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	402289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	363403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105621	51.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.500%
35) Dibromofluoromethane	7.881	113	202	0.074	ug/l	0.08
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.140%#
50) Toluene-d8	10.269	98	395260	37.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.760%
62) 4-Bromofluorobenzene	12.575	95	104555	34.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	255	Below Cal		96
11) Tert butyl alcohol	5.040	59	115	Below Cal	#	86
16) Acetone	4.028	43	3623	9.046	ug/l #	62
20) Methylene Chloride	4.793	84	41506	Below Cal		87
25) 2-Butanone	7.081	43	1318	2.321	ug/l #	42
31) Cyclohexane	7.881	56	4603	1.345	ug/l #	35
36) 1,1-Dichloropropene	7.869	75	16095	4.331	ug/l #	46
38) Carbon Tetrachloride	7.881	117	18748	4.799	ug/l #	17
73) Isopropylbenzene	12.422	105	76	3.634	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	51559	39.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	51559	75.568	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.204	105	294	3.458	ug/l #	62
86) p-Isopropyltoluene	13.445	119	120	3.897	ug/l #	51
89) n-Butylbenzene	13.781	91	67	3.789	ug/l #	6

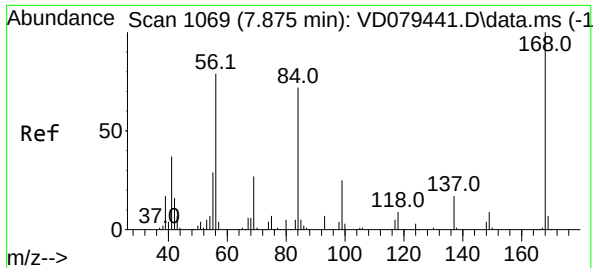
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 4.99G/5.0ml/MSVOA_D/SOIL/A
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Instrument :
MSVOA_D
ClientSampleId :

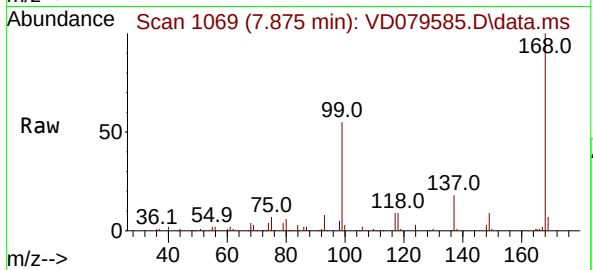
Quant Time: Aug 06 02:47:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



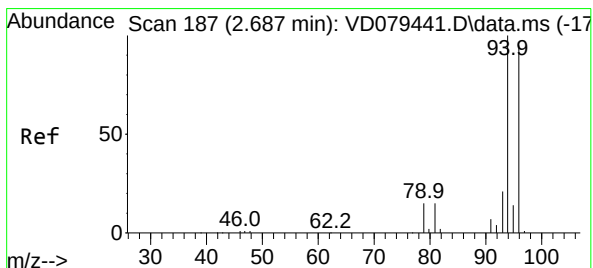
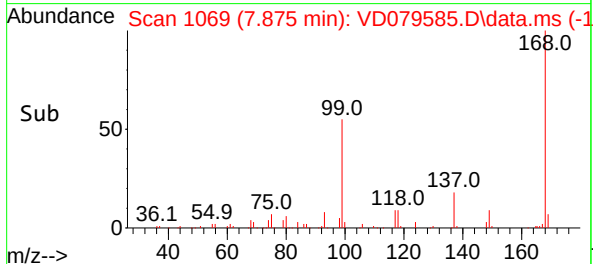
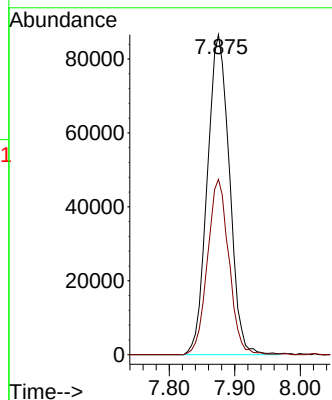


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

Instrument :
MSVOA_D
ClientSampleId :

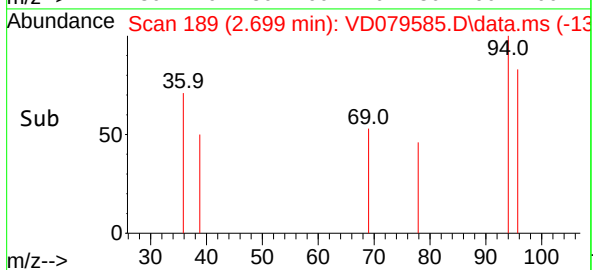
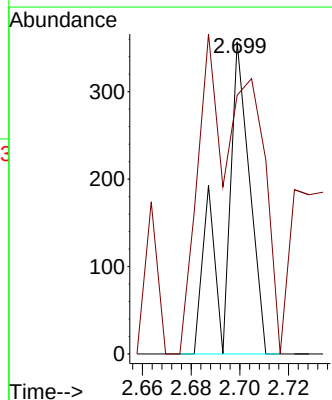
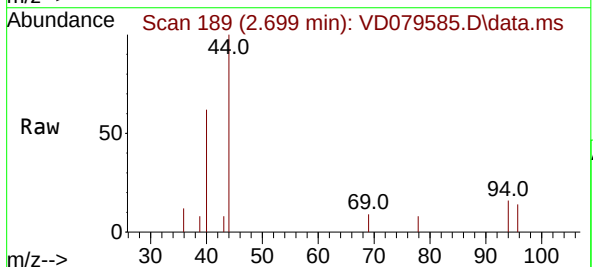


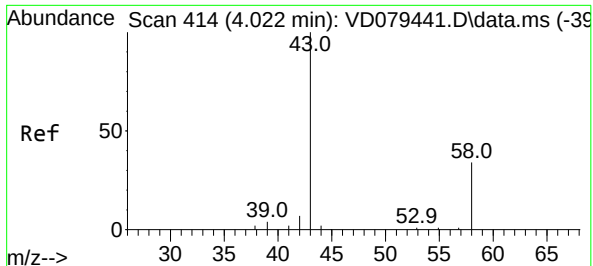
Tgt Ion:168 Resp: 202850
Ion Ratio Lower Upper
168 100
99 54.8 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 99.6 76.9 115.3

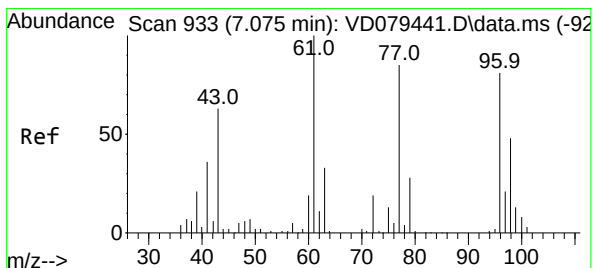
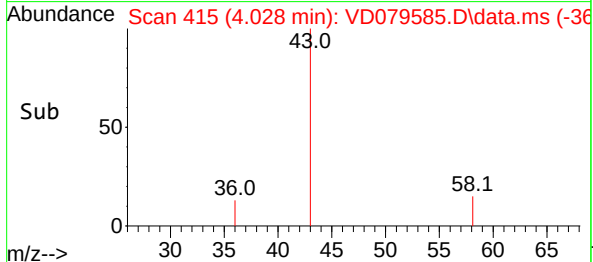
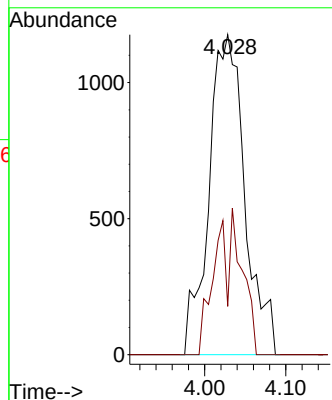
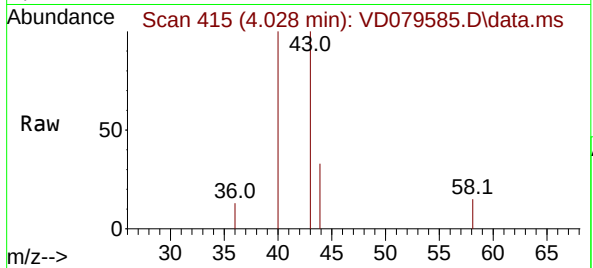




#16
Acetone
Concen: 9.046 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

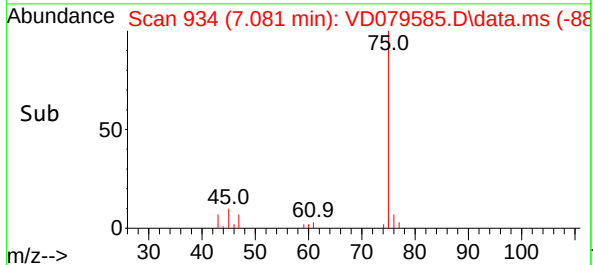
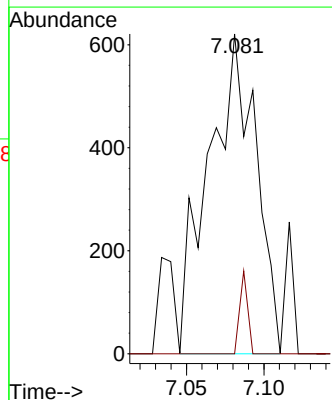
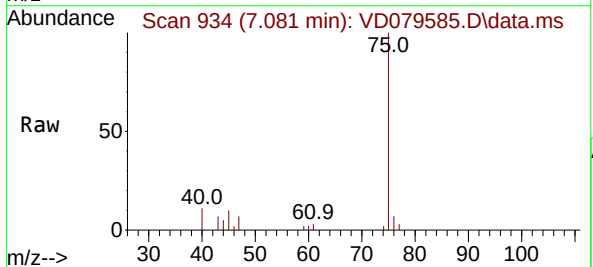
Instrument :
MSVOA_D
ClientSampleId :

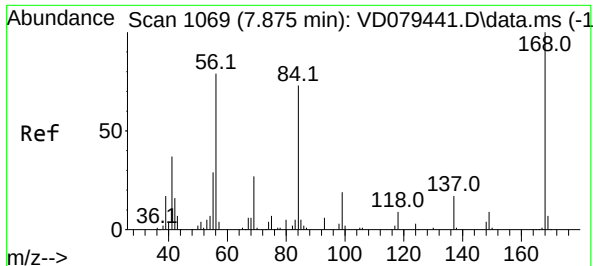
Tgt Ion: 43 Resp: 3623
Ion Ratio Lower Upper
43 100
58 15.1 30.4 45.6#



#25
2-Butanone
Concen: 2.321 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.012 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

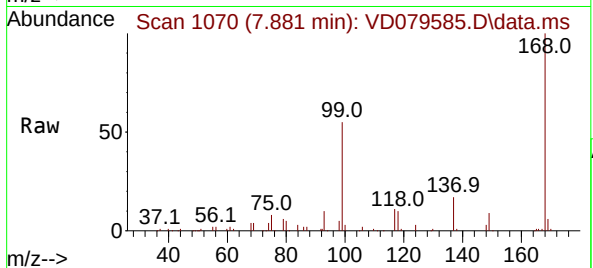
Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



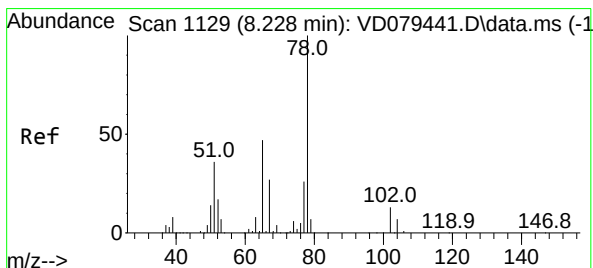
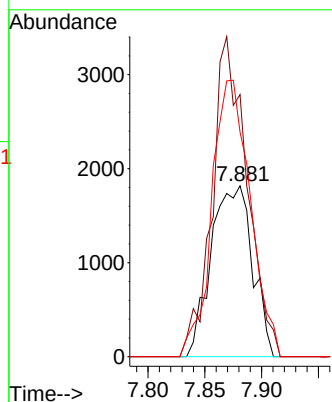
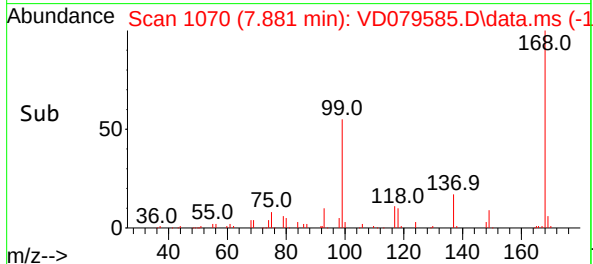


#31
Cyclohexane
Concen: 1.345 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

Instrument :
MSVOA_D
ClientSampleId :

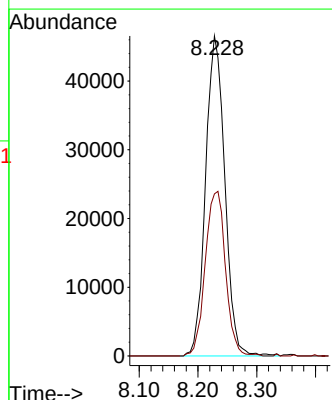
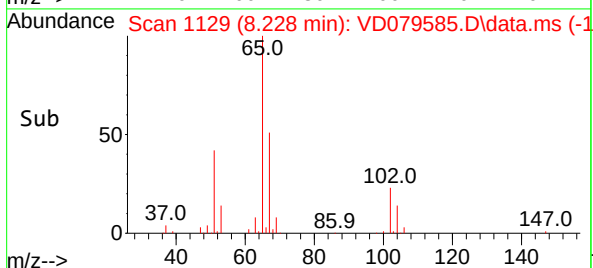
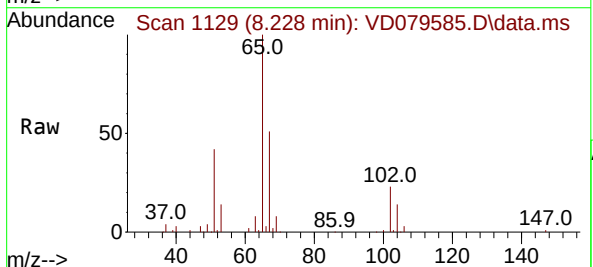


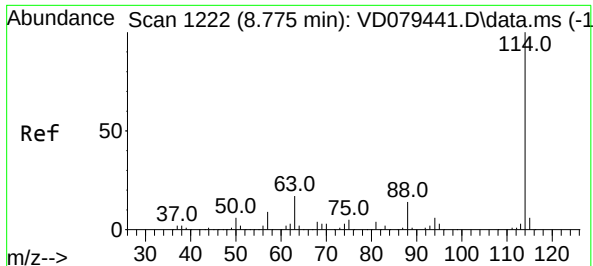
Tgt Ion: 56 Resp: 4603
Ion Ratio Lower Upper
56 100
69 153.4 28.0 42.0#
84 131.4 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 51.253 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

Tgt Ion: 65 Resp: 105621
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

Instrument :

MSVOA_D

ClientSampleId :

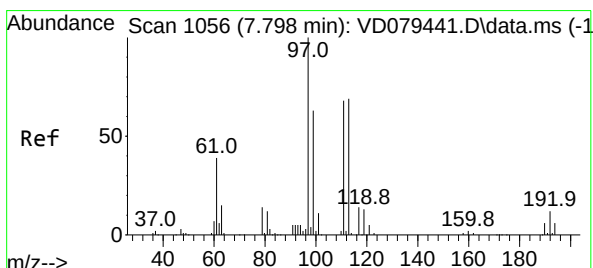
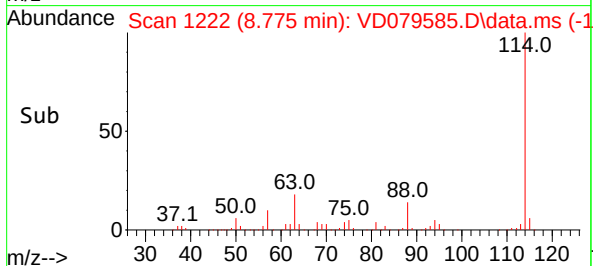
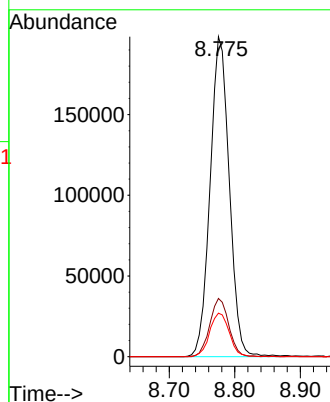
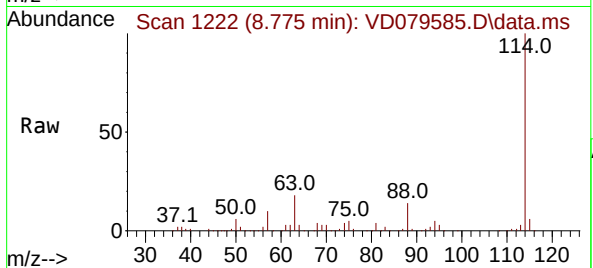
Tgt Ion:114 Resp: 402289

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 0.074 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.076 min

Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

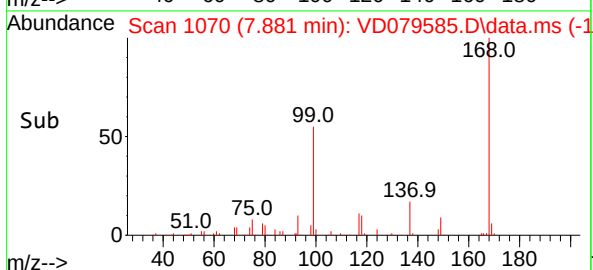
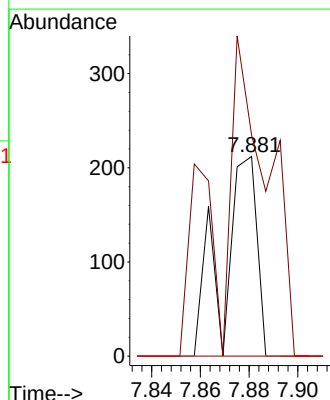
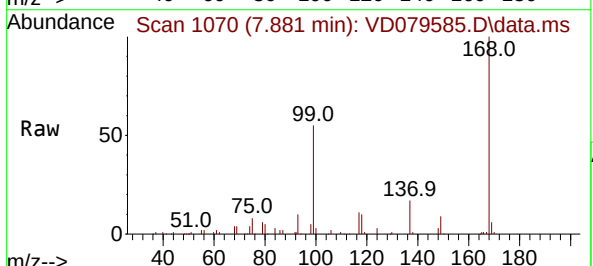
Tgt Ion:113 Resp: 202

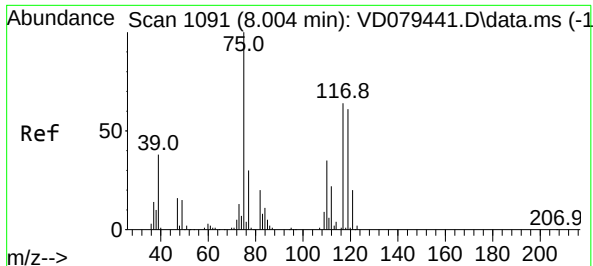
Ion Ratio Lower Upper

113 100

111 170.8 84.0 126.0#

192 0.0 15.4 23.0#





#36

1,1-Dichloropropene

Concen: 4.331 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

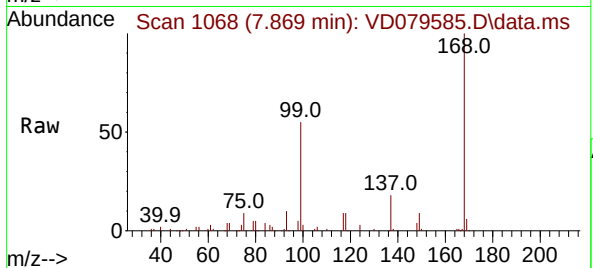
Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

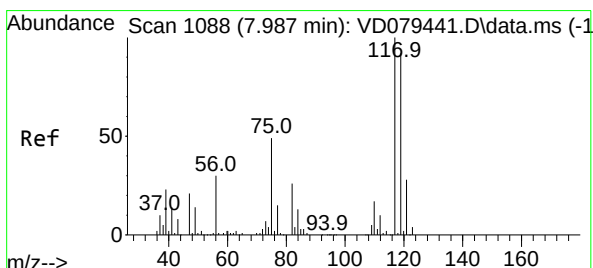
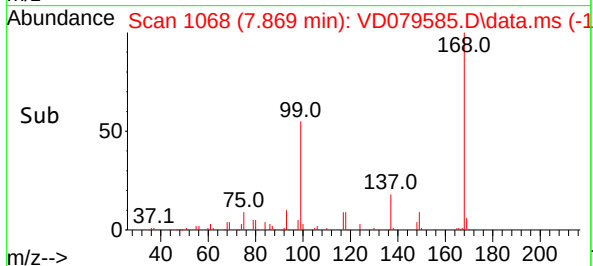
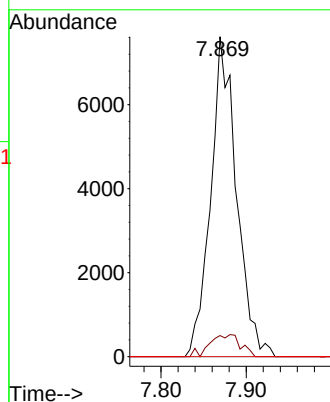
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 16095
Ion Ratio	Lower Upper
75	100
110	8.2 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 4.799 ug/l

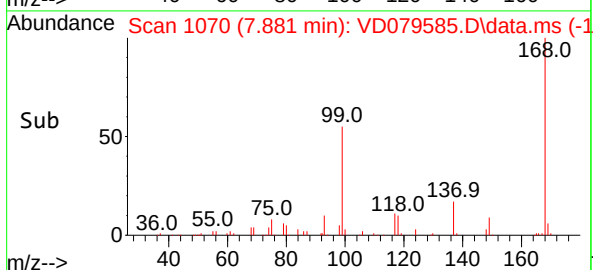
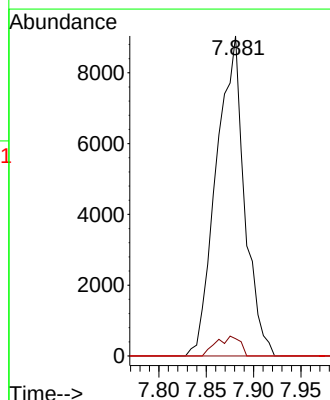
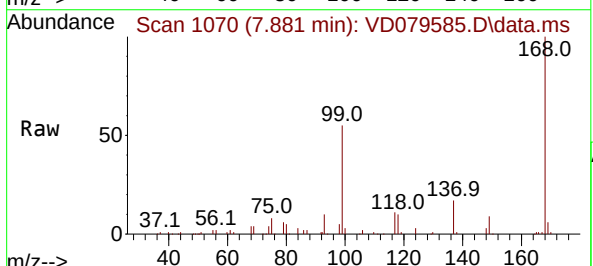
RT: 7.881 min Scan# 1070

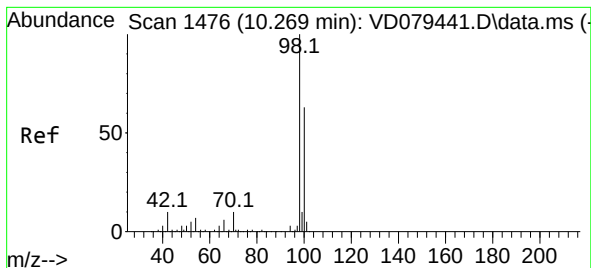
Delta R.T. -0.106 min

Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

Tgt Ion: 117	Resp: 18748
Ion Ratio	Lower Upper
117	100
119	5.4 75.4 113.0#
121	0.0 25.0 37.4#





#50

Toluene-d8

Concen: 37.381 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

Instrument :

MSVOA_D

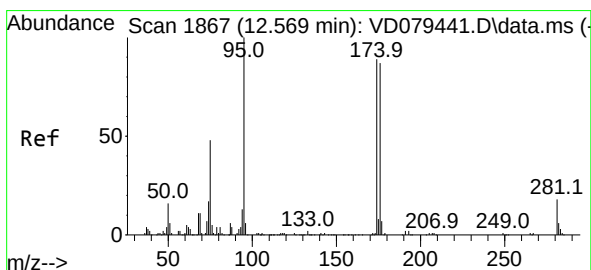
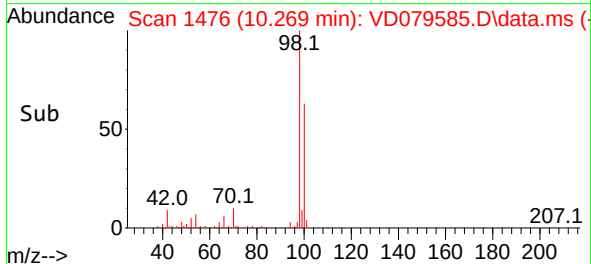
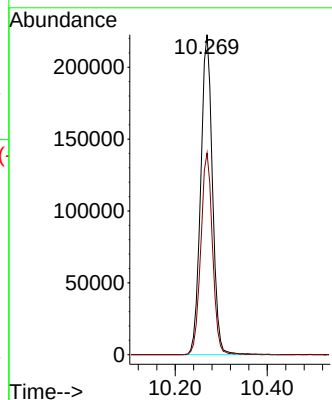
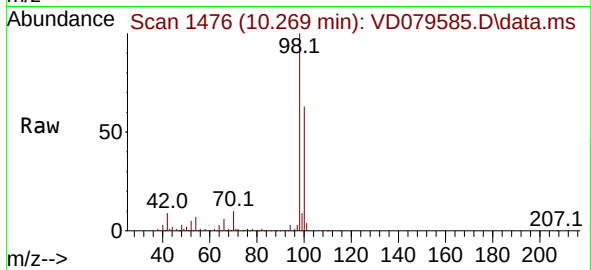
ClientSampleId :

Tgt Ion: 98 Resp: 395260

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.170 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

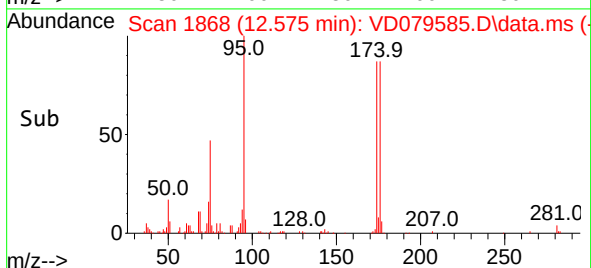
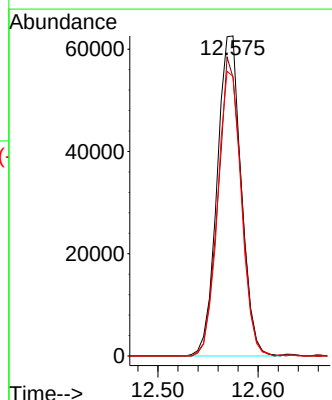
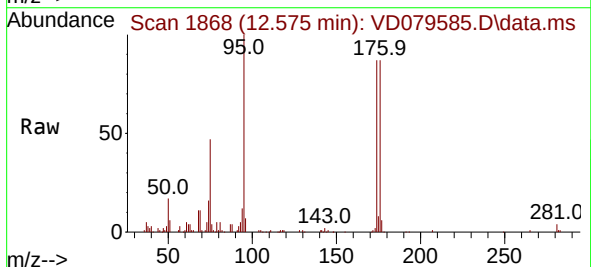
Tgt Ion: 95 Resp: 104555

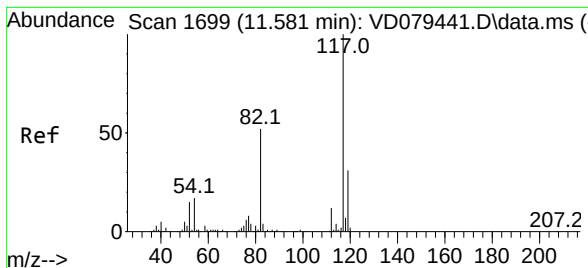
Ion Ratio Lower Upper

95 100

174 89.9 0.0 195.4

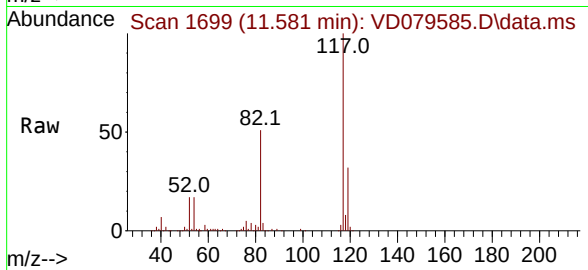
176 87.5 0.0 192.6



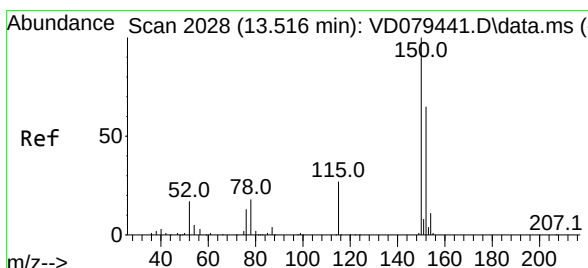
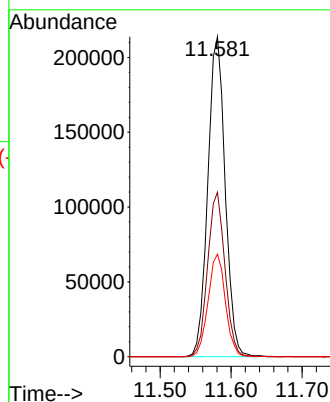
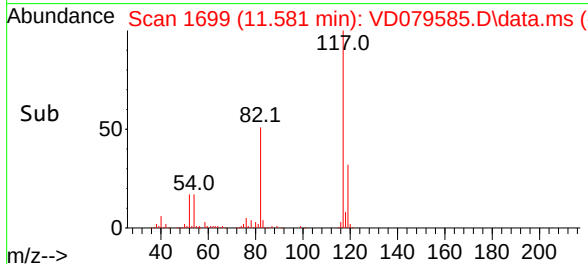


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

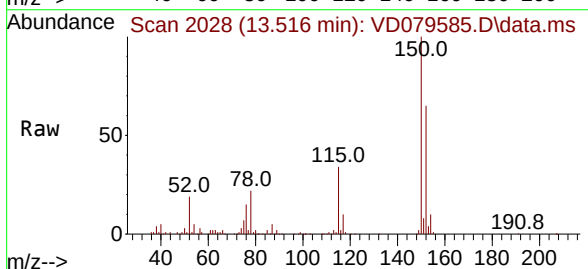
Instrument :
MSVOA_D
ClientSampleId :



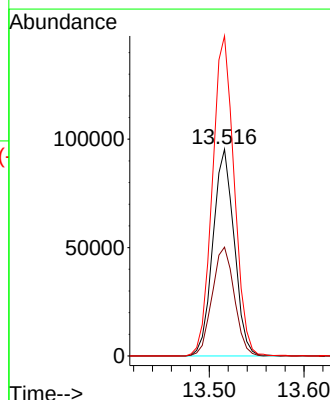
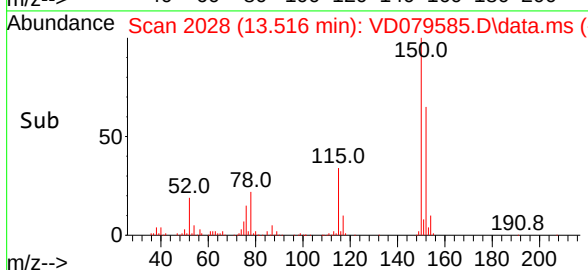
Tgt Ion:117 Resp: 363403
Ion Ratio Lower Upper
117 100
82 51.4 39.8 59.6
119 32.0 25.7 38.5

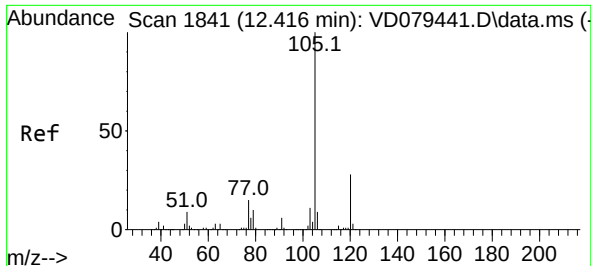


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16



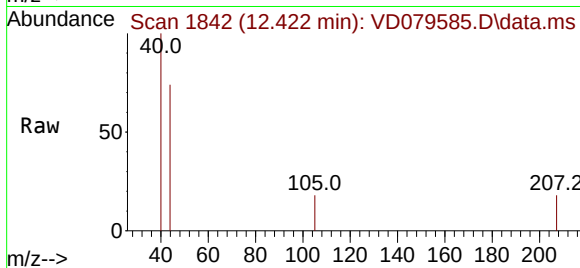
Tgt Ion:152 Resp: 148874
Ion Ratio Lower Upper
152 100
115 55.0 26.5 79.5
150 158.2 0.0 341.6



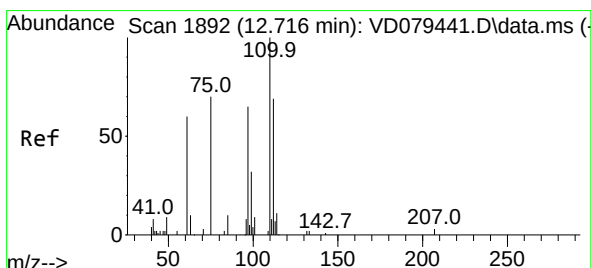
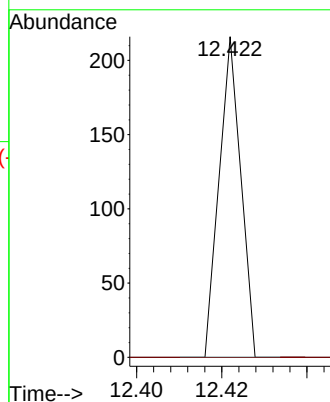
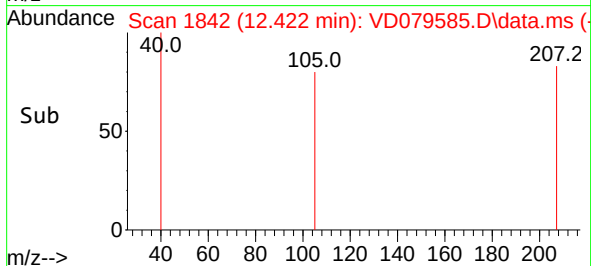


#73
Isopropylbenzene
Concen: 3.634 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

Instrument :
MSVOA_D
ClientSampleId :

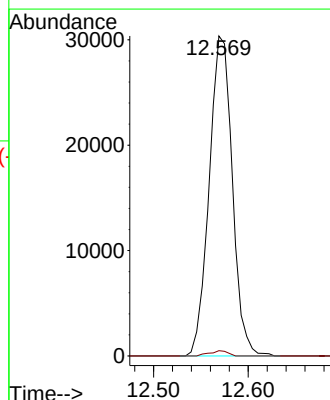
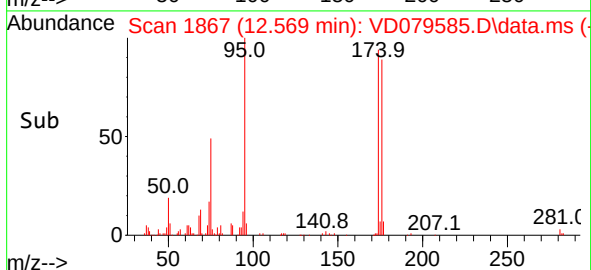
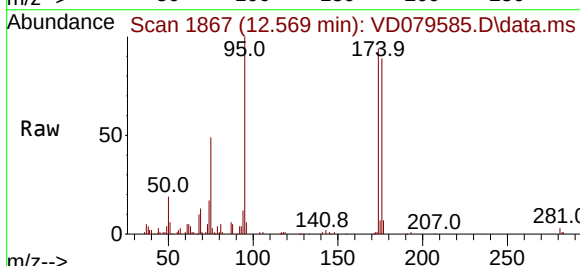


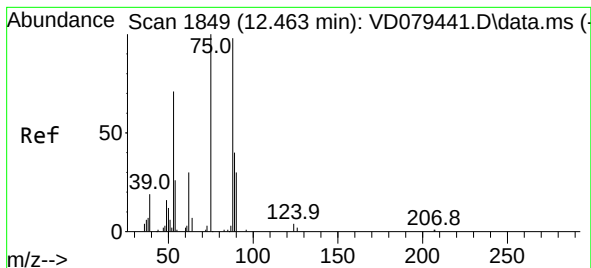
Tgt Ion:105 Resp: 76
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#



#76
1,2,3-Trichloropropane
Concen: 39.621 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079585.D
Acq: 05 Aug 2024 17:16

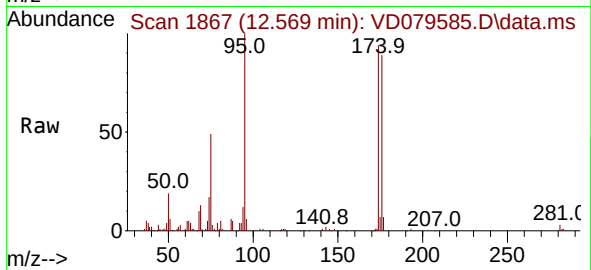
Tgt Ion: 75 Resp: 51559
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



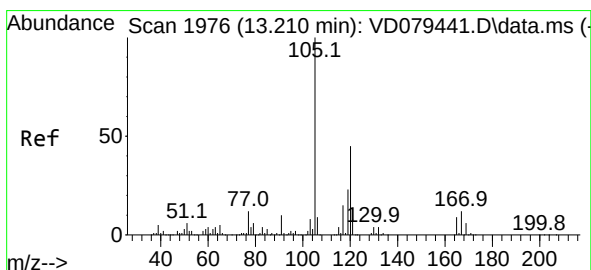
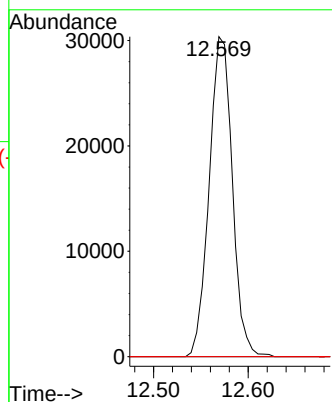
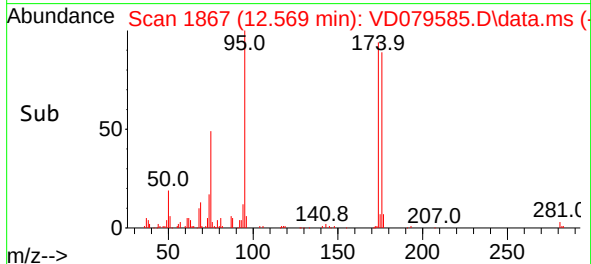


#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.568 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.100 min
 Lab File: VD079585.D
 Acq: 05 Aug 2024 17:16

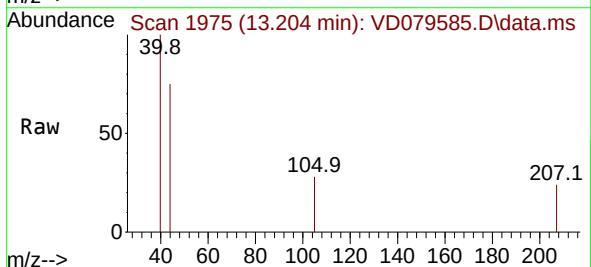
Instrument :
 MSVOA_D
 ClientSampleId :



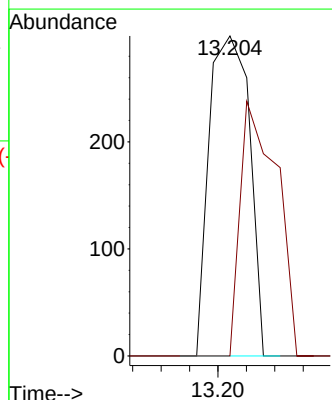
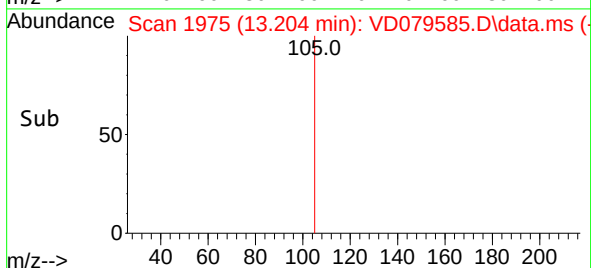
Tgt Ion: 75 Resp: 51559
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#

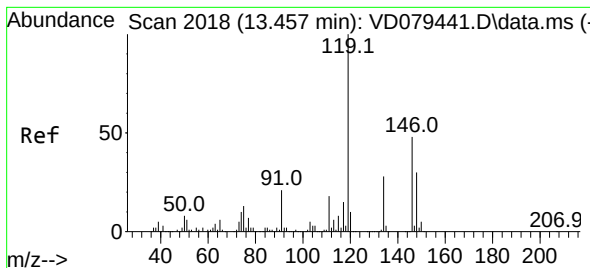


#84
 1,2,4-Trimethylbenzene
 Concen: 3.458 ug/l
 RT: 13.204 min Scan# 1975
 Delta R.T. 0.000 min
 Lab File: VD079585.D
 Acq: 05 Aug 2024 17:16



Tgt Ion: 105 Resp: 294
 Ion Ratio Lower Upper
 105 100
 120 72.4 23.6 71.0#





#86

p-Isopropyltoluene

Concen: 3.897 ug/l

RT: 13.445 min Scan# 2018

Delta R.T. -0.012 min

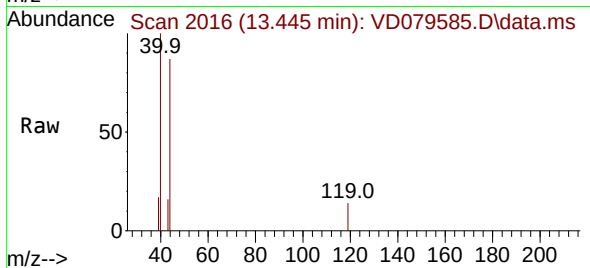
Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

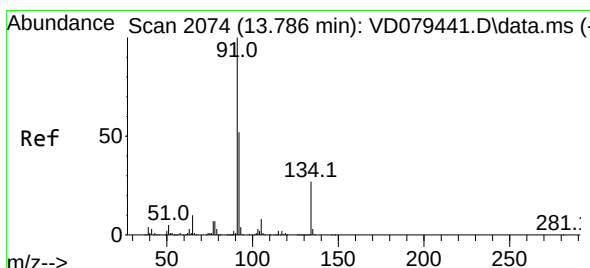
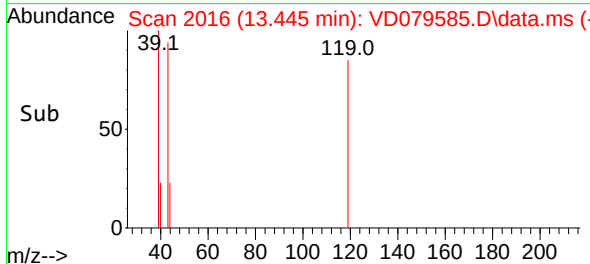
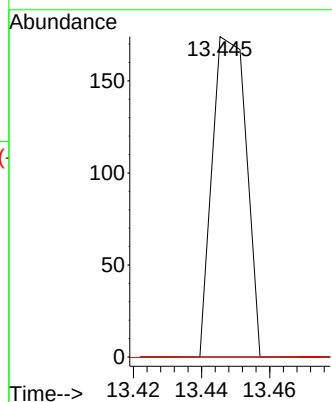
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	119	Resp:	120
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.7	41.1#
91	0.0	10.7	32.1#



#89

n-Butylbenzene

Concen: 3.789 ug/l

RT: 13.781 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VD079585.D

Acq: 05 Aug 2024 17:16

Tgt Ion:	91	Resp:	67
Ion	Ratio	Lower	Upper
91	100		
92	132.8	25.7	77.0#
134	0.0	13.6	40.8#

