

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079666.D
 Acq On : 08 Aug 2024 14:50
 Operator : RP/MD
 Sample : VD0808SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:07:13 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)

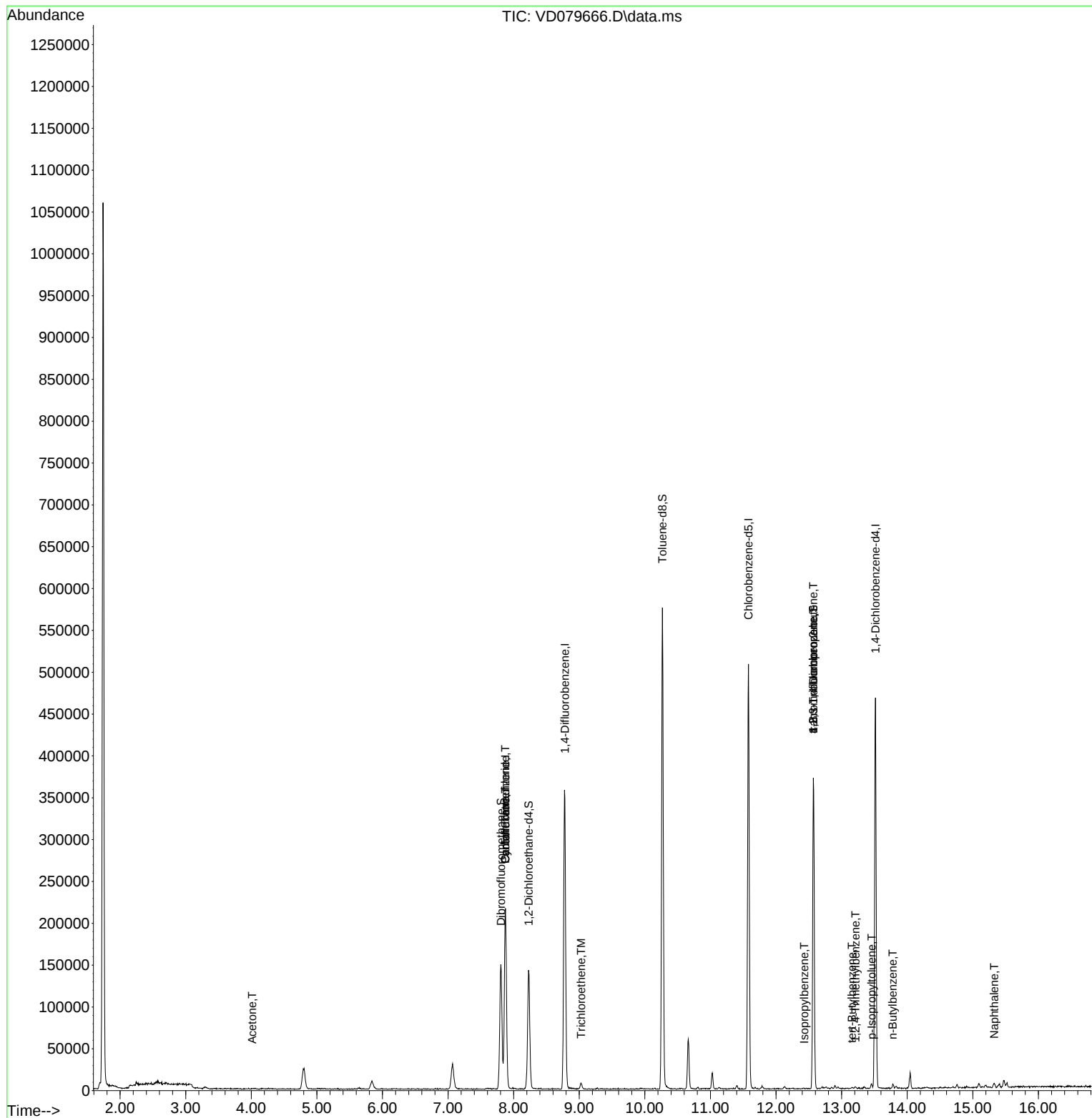
Internal Standards						
1) Pentafluorobenzene	7.875	168	159624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	325192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109676	67.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.260%	
35) Dibromofluoromethane	7.810	113	110645	50.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.540%	
50) Toluene-d8	10.269	98	406910	47.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.569	95	111290	44.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	1806	Below Cal	#	69
11) Tert butyl alcohol	5.046	59	137	Below Cal	#	86
16) Acetone	4.016	43	347	1.101	ug/l #	37
20) Methylene Chloride	4.805	84	19801	Below Cal	#	86
31) Cyclohexane	7.875	56	3896	1.447	ug/l #	67
38) Carbon Tetrachloride	7.875	117	17064	5.403	ug/l #	15
44) Trichloroethene	9.028	130	3036	1.278	ug/l	94
73) Isopropylbenzene	12.428	105	1040	3.733	ug/l #	65
76) 1,2,3-Trichloropropane	12.569	75	56917	53.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	56917	101.201	ug/l #	19
83) tert-Butylbenzene	13.157	119	988	3.766	ug/l	81
84) 1,2,4-Trimethylbenzene	13.210	105	1674	3.631	ug/l	95
86) p-Isopropyltoluene	13.457	119	1438	4.041	ug/l	82
89) n-Butylbenzene	13.781	91	2836	4.112	ug/l	98
95) Naphthalene	15.328	128	5086	1.280	ug/l #	94

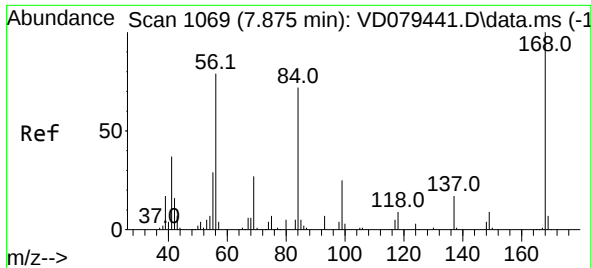
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079666.D
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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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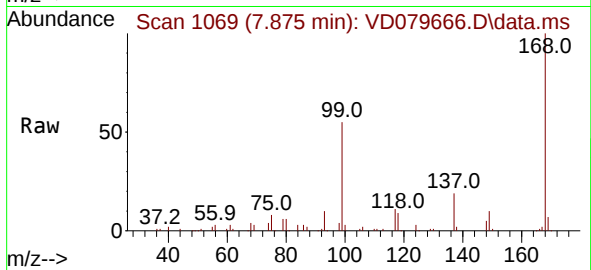
Quant Time: Aug 09 01:07:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



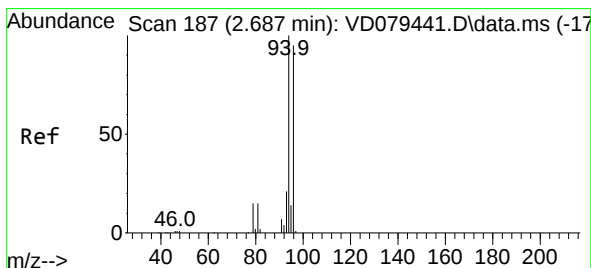
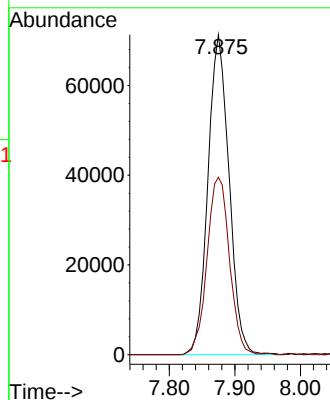
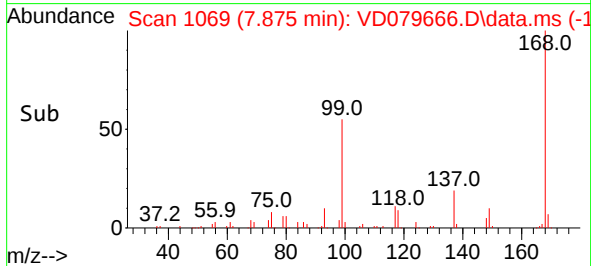


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Instrument :
MSVOA_D
ClientSampleId :

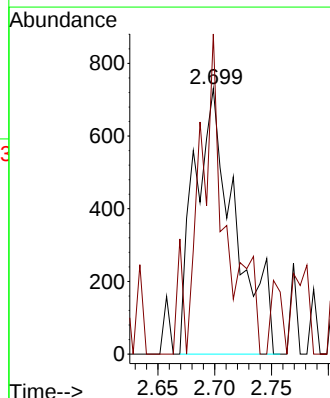
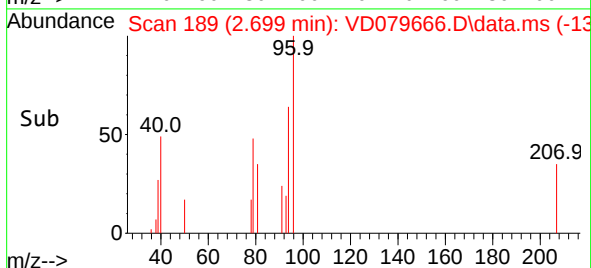
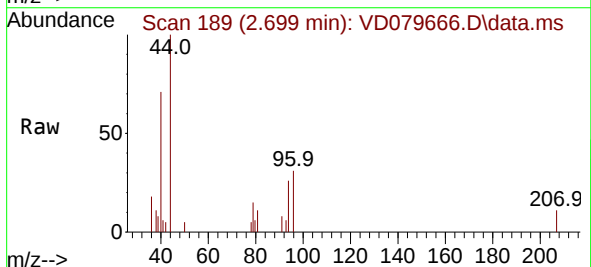


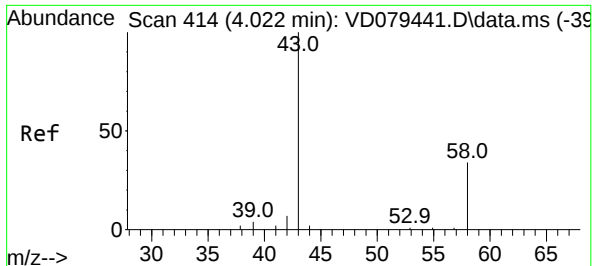
Tgt Ion:168 Resp: 159624
Ion Ratio Lower Upper
168 100
99 55.5 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

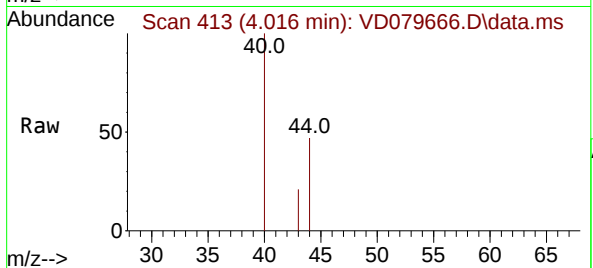
Tgt Ion: 94 Resp: 1806
Ion Ratio Lower Upper
94 100
96 65.9 76.9 115.3#



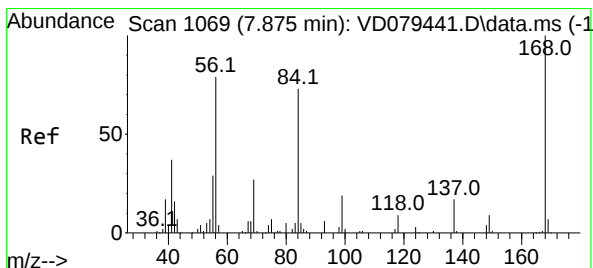
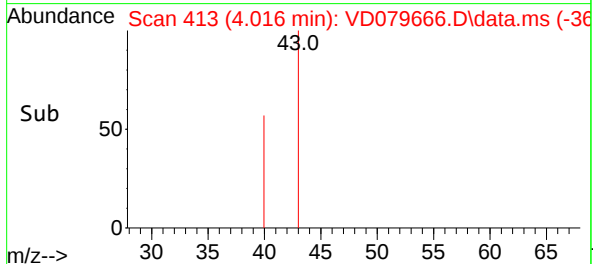
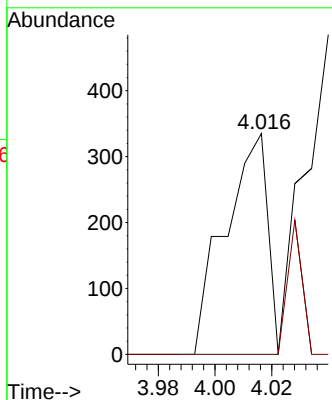


#16
Acetone
Concen: 1.101 ug/l
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Instrument :
MSVOA_D
ClientSampleId :

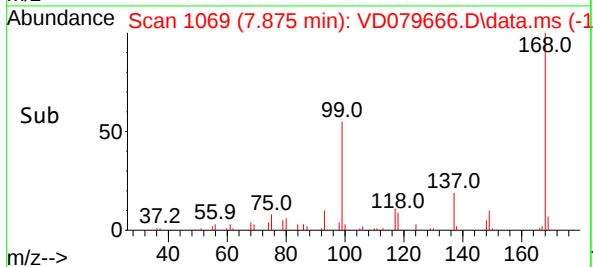
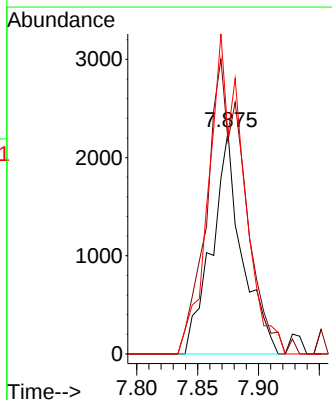
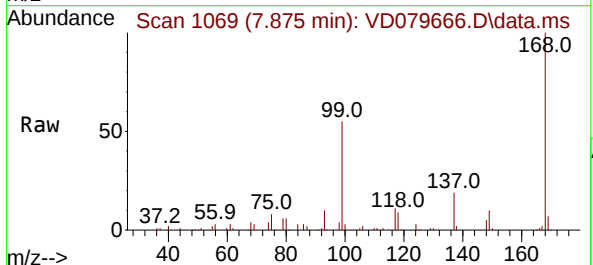


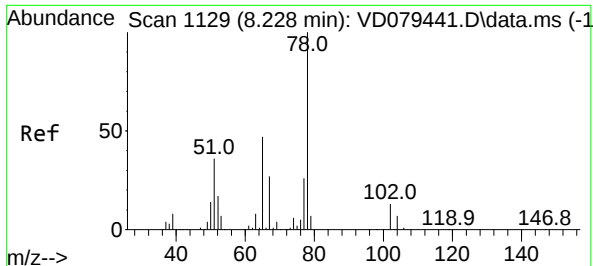
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.447 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion: 56 Resp: 3896
Ion Ratio Lower Upper
56 100
69 96.0 28.0 42.0#
84 98.5 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 67.633 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079666.D

Acq: 08 Aug 2024 14:50

Instrument :

MSVOA_D

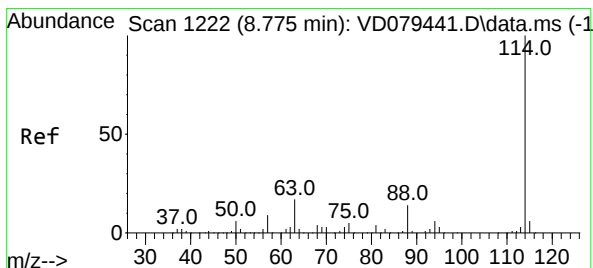
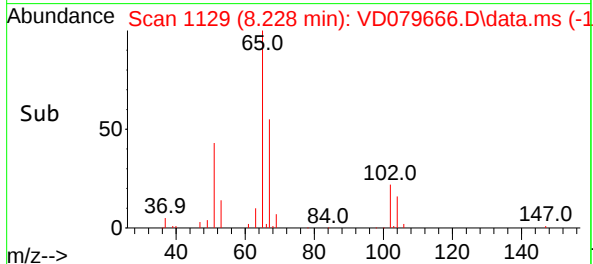
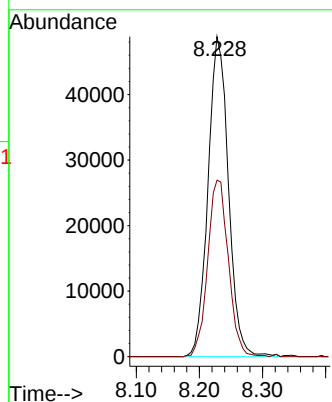
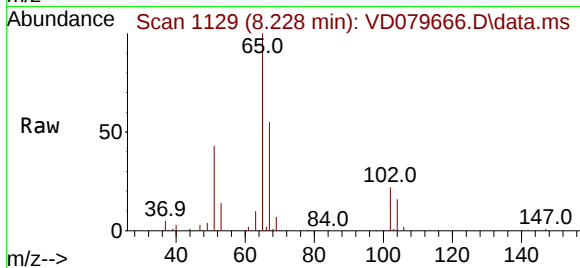
ClientSampleId :

Tgt Ion: 65 Resp: 109676

Ion Ratio Lower Upper

65 100

67 55.9 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079666.D

Acq: 08 Aug 2024 14:50

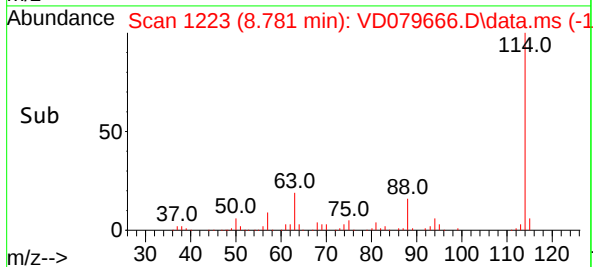
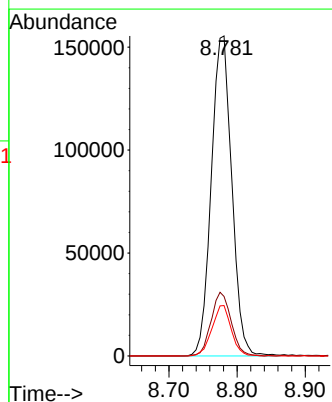
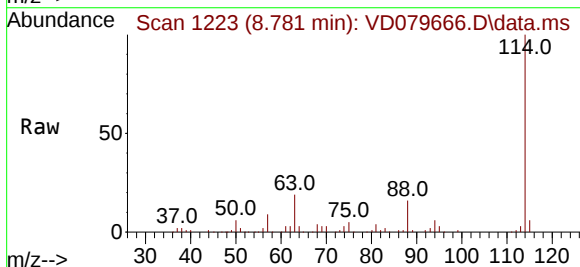
Tgt Ion: 114 Resp: 325192

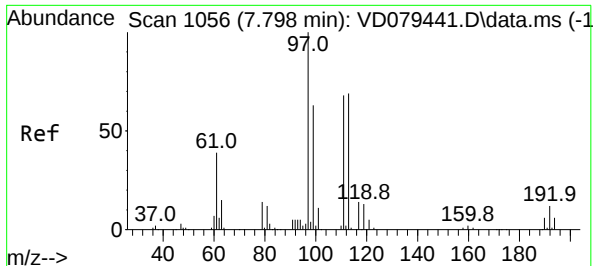
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 15.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.269 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

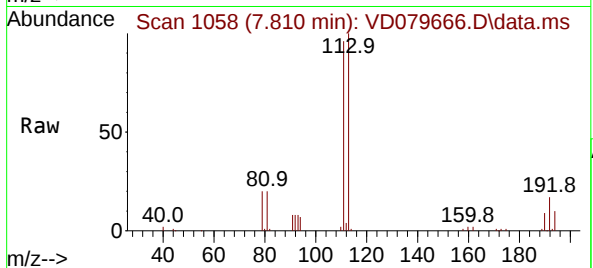
Lab File: VD079666.D

Acq: 08 Aug 2024 14:50

Instrument :

MSVOA_D

ClientSampleId :



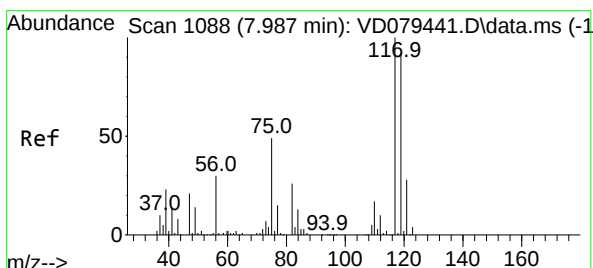
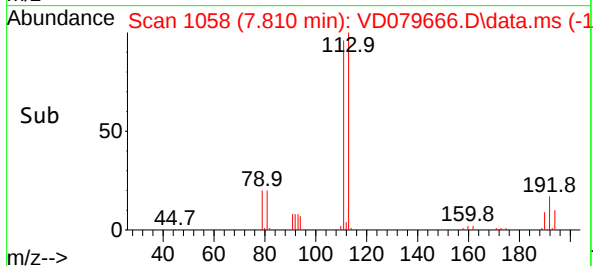
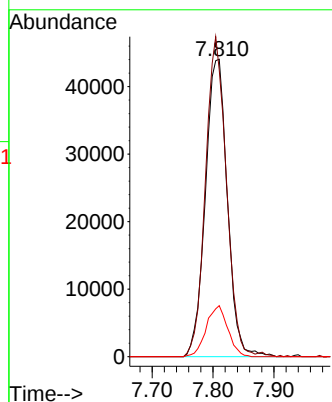
Tgt Ion:113 Resp: 110645

Ion Ratio Lower Upper

113 100

111 101.8 84.0 126.0

192 16.8 15.4 23.0



#38

Carbon Tetrachloride

Concen: 5.403 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079666.D

Acq: 08 Aug 2024 14:50

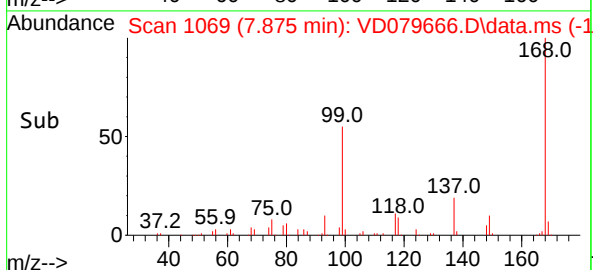
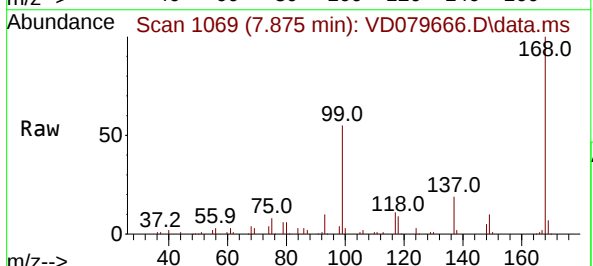
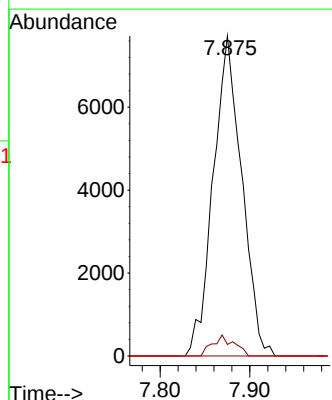
Tgt Ion:117 Resp: 17064

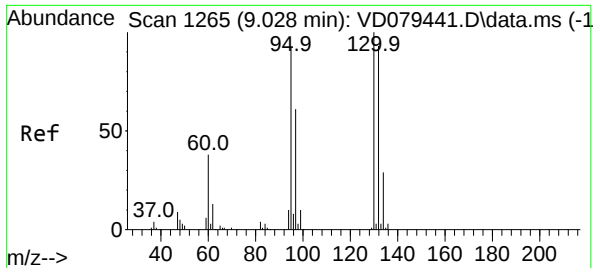
Ion Ratio Lower Upper

117 100

119 3.6 75.4 113.0#

121 0.0 25.0 37.4#

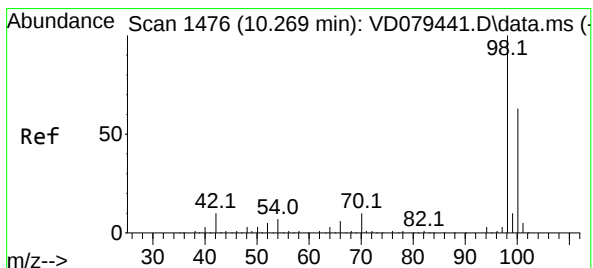
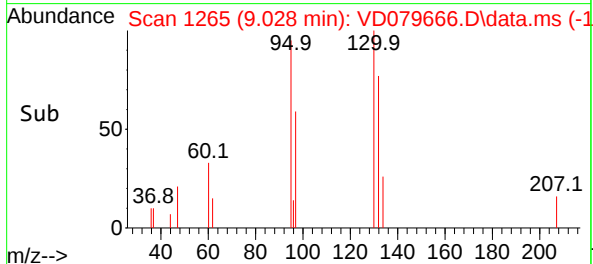
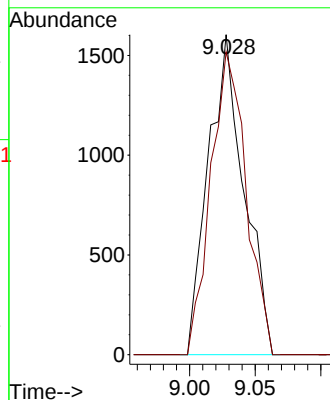
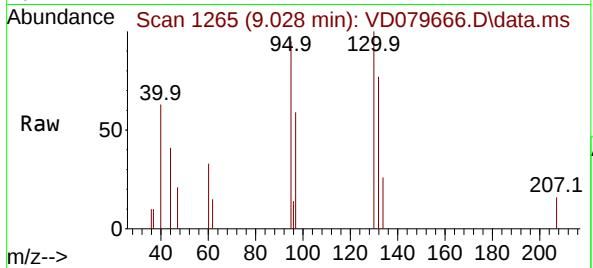




#44
Trichloroethene
Concen: 1.278 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

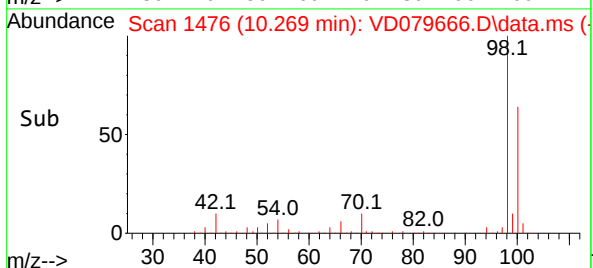
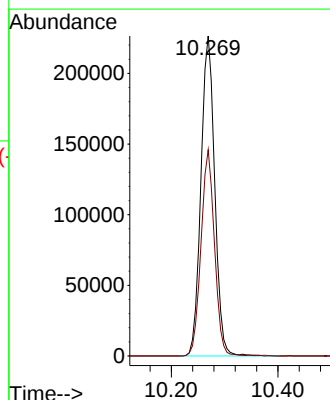
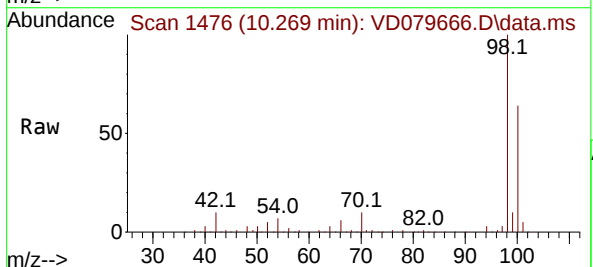
Instrument :
MSVOA_D
ClientSampleId :

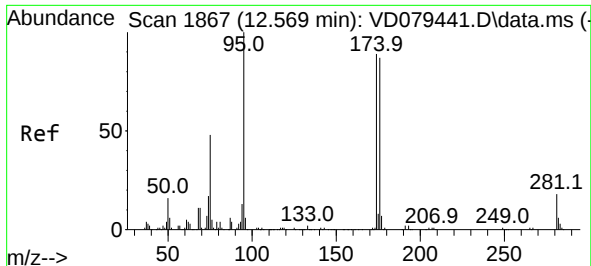
Tgt Ion:130 Resp: 3036
Ion Ratio Lower Upper
130 100
95 94.6 0.0 177.8



#50
Toluene-d8
Concen: 47.606 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion: 98 Resp: 406910
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

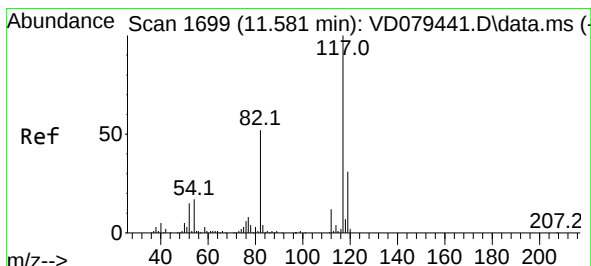
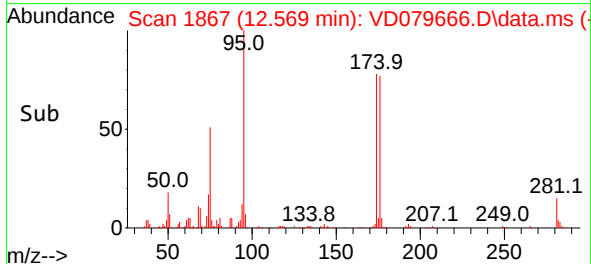
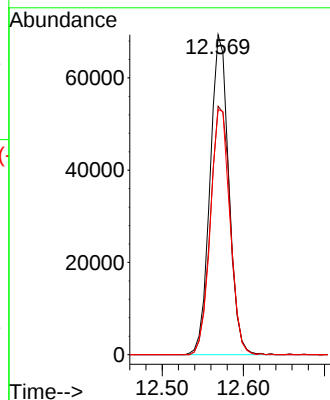
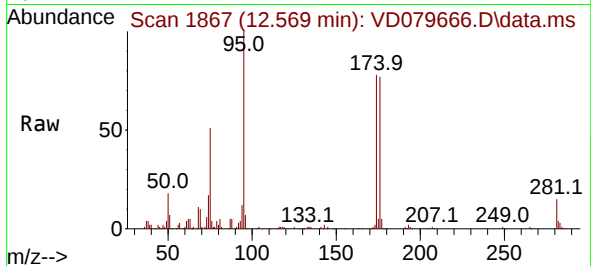




#62
4-Bromofluorobenzene
Concen: 44.993 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

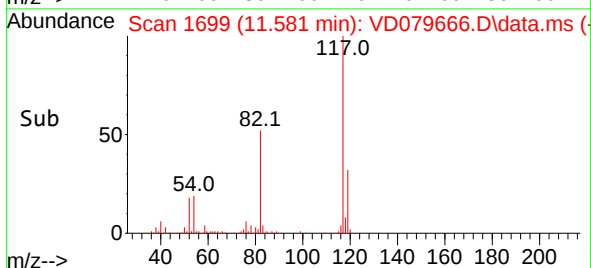
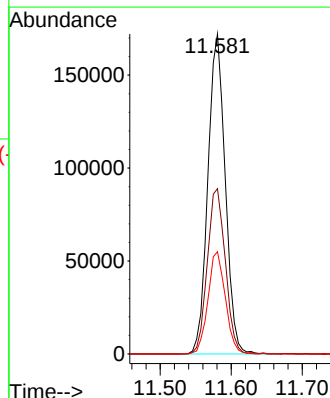
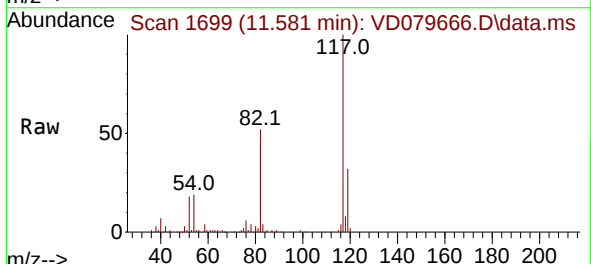
Instrument :
MSVOA_D
ClientSampleId :

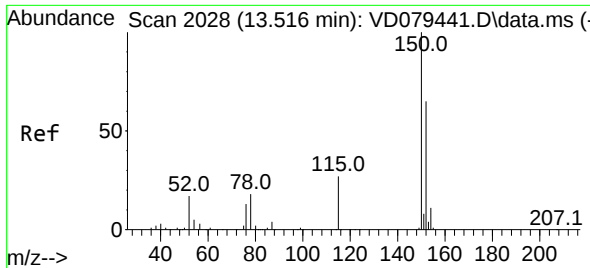
Tgt Ion: 95 Resp: 111290
Ion Ratio Lower Upper
95 100
174 82.2 0.0 195.4
176 80.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion: 117 Resp: 292051
Ion Ratio Lower Upper
117 100
82 51.6 39.8 59.6
119 32.0 25.7 38.5

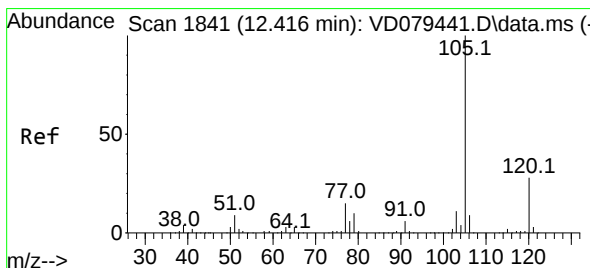
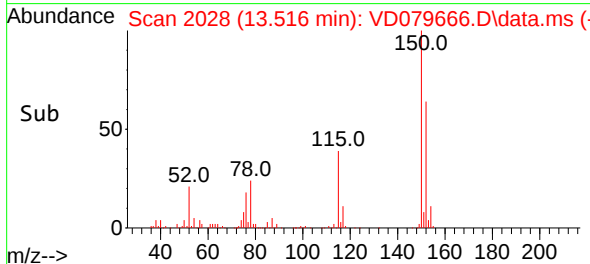
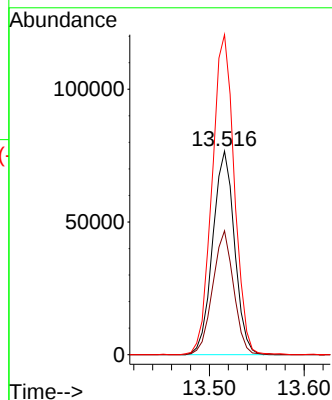
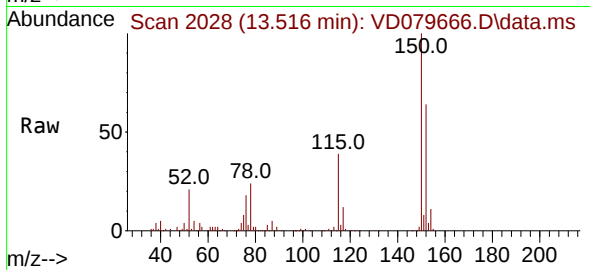




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

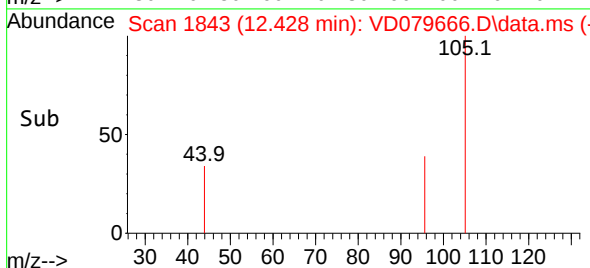
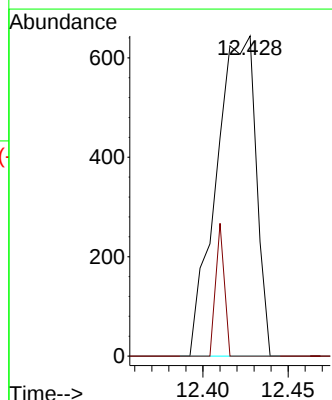
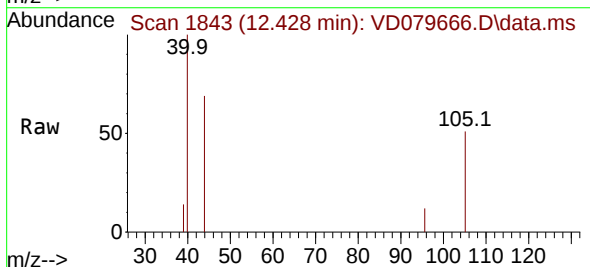
Instrument :
MSVOA_D
ClientSampleId :

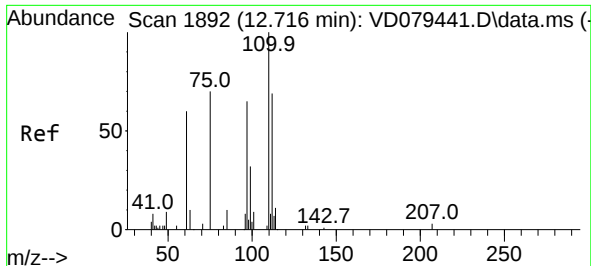
Tgt Ion:152 Resp: 122718
Ion Ratio Lower Upper
152 100
115 58.4 26.5 79.5
150 160.0 0.0 341.6



#73
Isopropylbenzene
Concen: 3.733 ug/l
RT: 12.428 min Scan# 1843
Delta R.T. 0.012 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion:105 Resp: 1040
Ion Ratio Lower Upper
105 100
120 9.0 13.6 40.7#

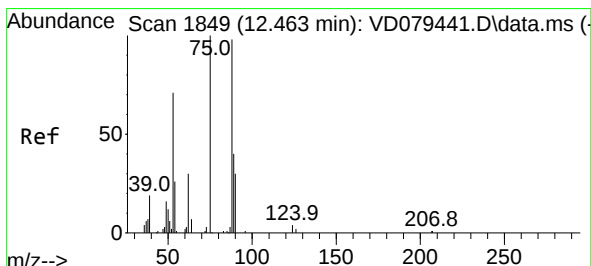
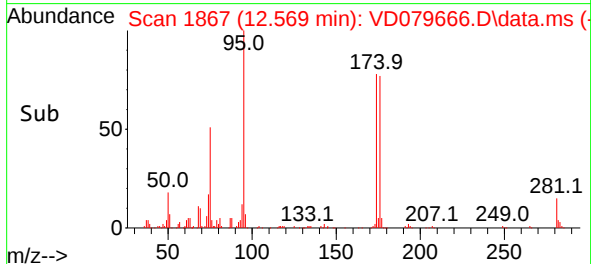
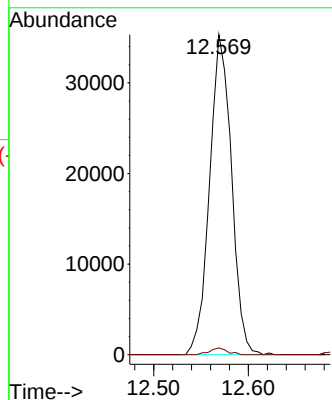
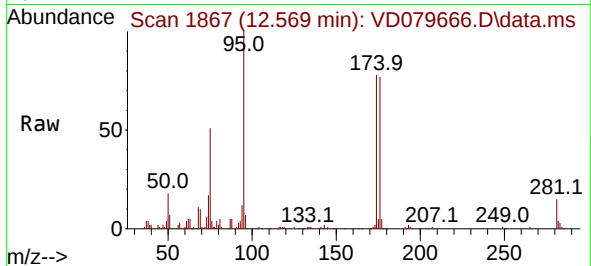




#76
1,2,3-Trichloropropane
Concen: 53.061 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

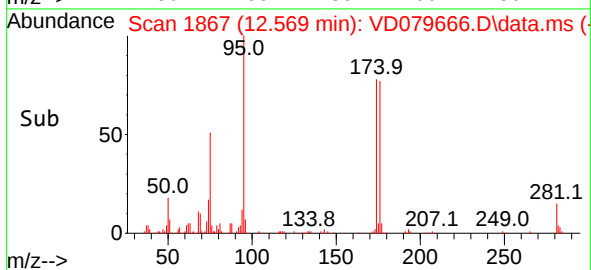
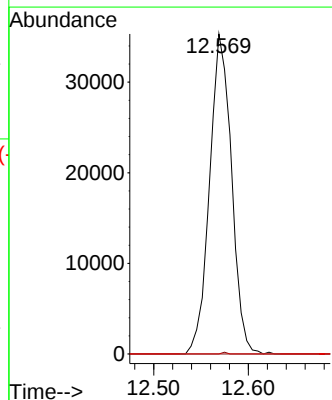
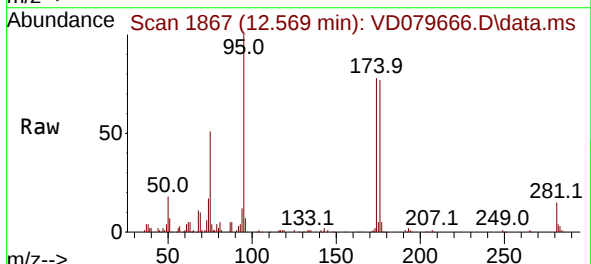
Instrument :
MSVOA_D
ClientSampleId :

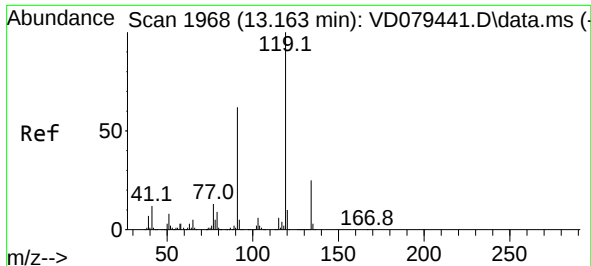
Tgt Ion: 75 Resp: 56917
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.201 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion: 75 Resp: 56917
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#

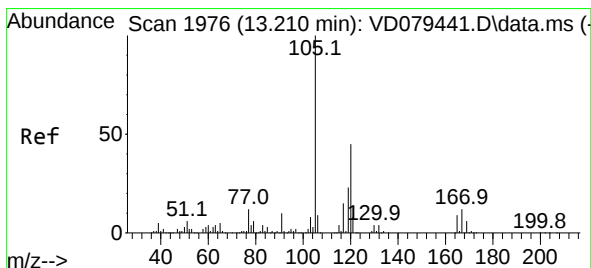
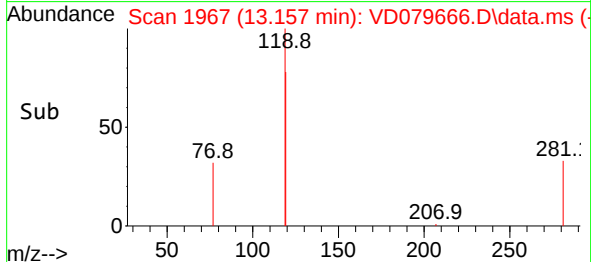
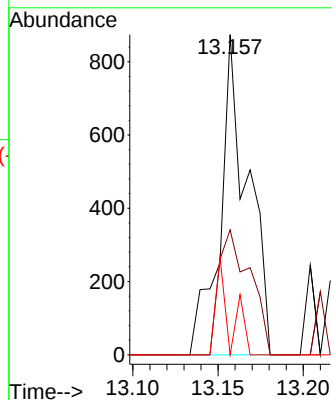
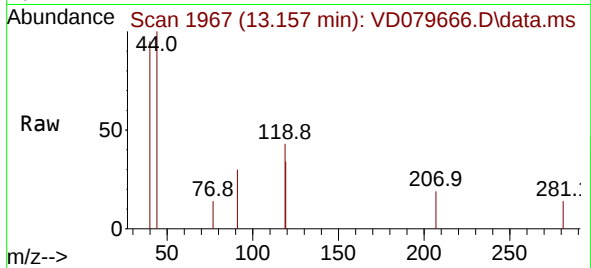




#83
tert-Butylbenzene
Concen: 3.766 ug/l
RT: 13.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

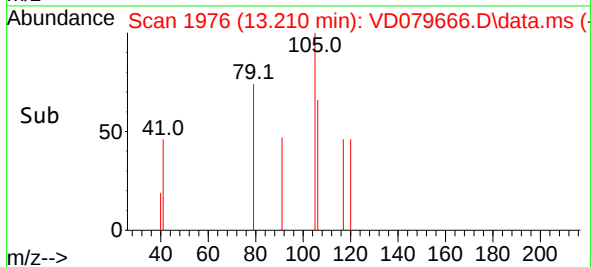
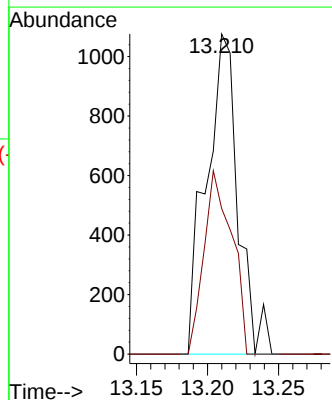
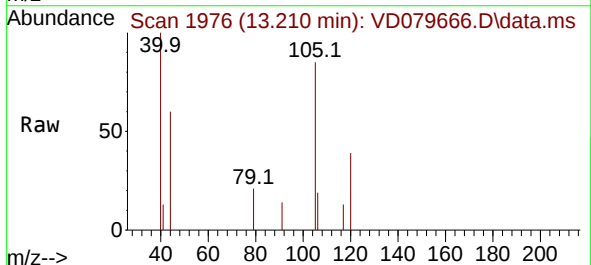
Instrument :
MSVOA_D
ClientSampleId :

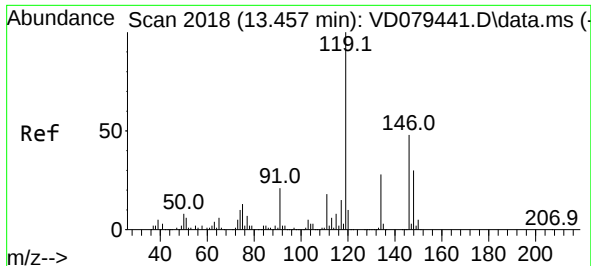
Tgt Ion:119 Resp: 988
Ion Ratio Lower Upper
119 100
91 43.7 28.2 84.7
134 15.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 3.631 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion:105 Resp: 1674
Ion Ratio Lower Upper
105 100
120 50.4 23.6 71.0

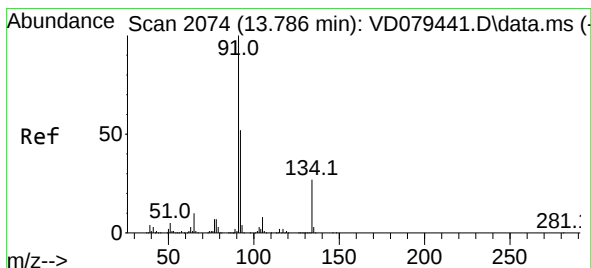
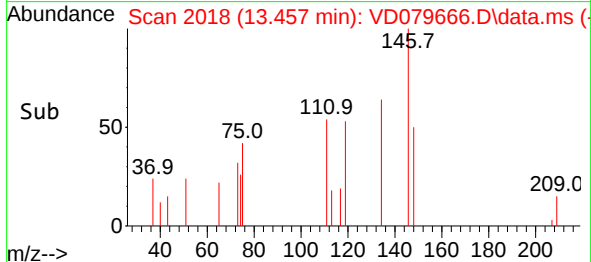
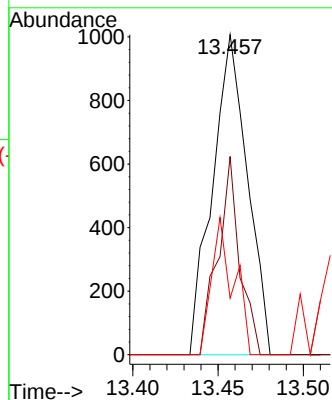
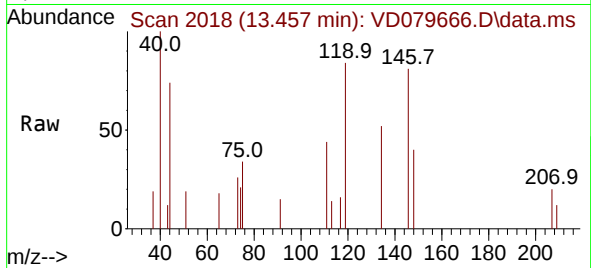




#86
p-Isopropyltoluene
Concen: 4.041 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

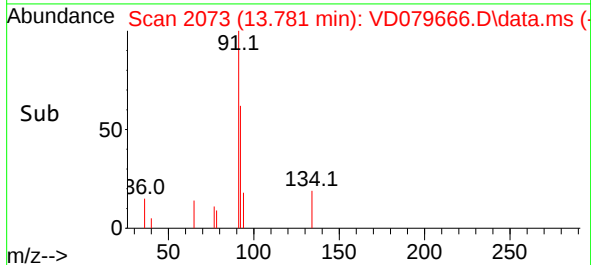
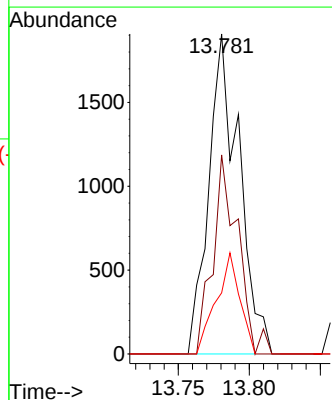
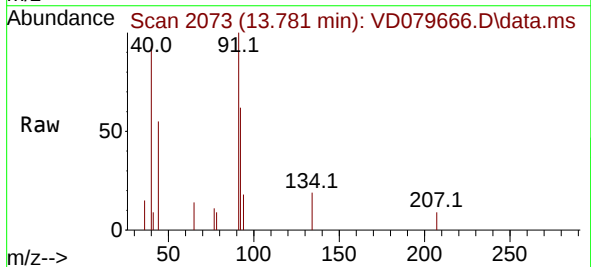
Instrument :
MSVOA_D
ClientSampleId :

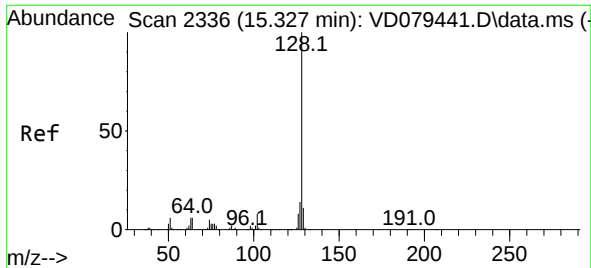
Tgt Ion:	119	Resp:	1438
Ion	Ratio	Lower	Upper
119	100		
134	38.9	13.7	41.1
91	27.1	10.7	32.1



#89
n-Butylbenzene
Concen: 4.112 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion:	91	Resp:	2836
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.0
134	24.4	13.6	40.8





#95

Naphthalene

Concen: 1.280 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

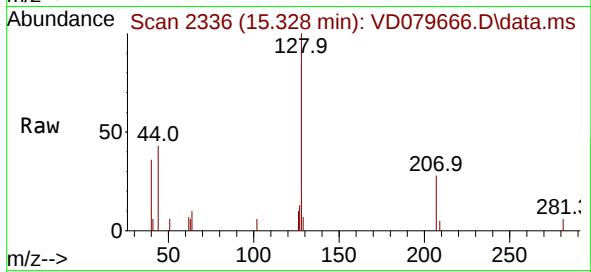
Lab File: VD079666.D

Acq: 08 Aug 2024 14:50

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 5086

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 6.5 8.5 12.7#

