

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074445.D
 Acq On : 27 Sep 2022 15:12
 Operator : VA/SY
 Sample : N4809-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0923

Quant Time: Sep 28 04:40:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

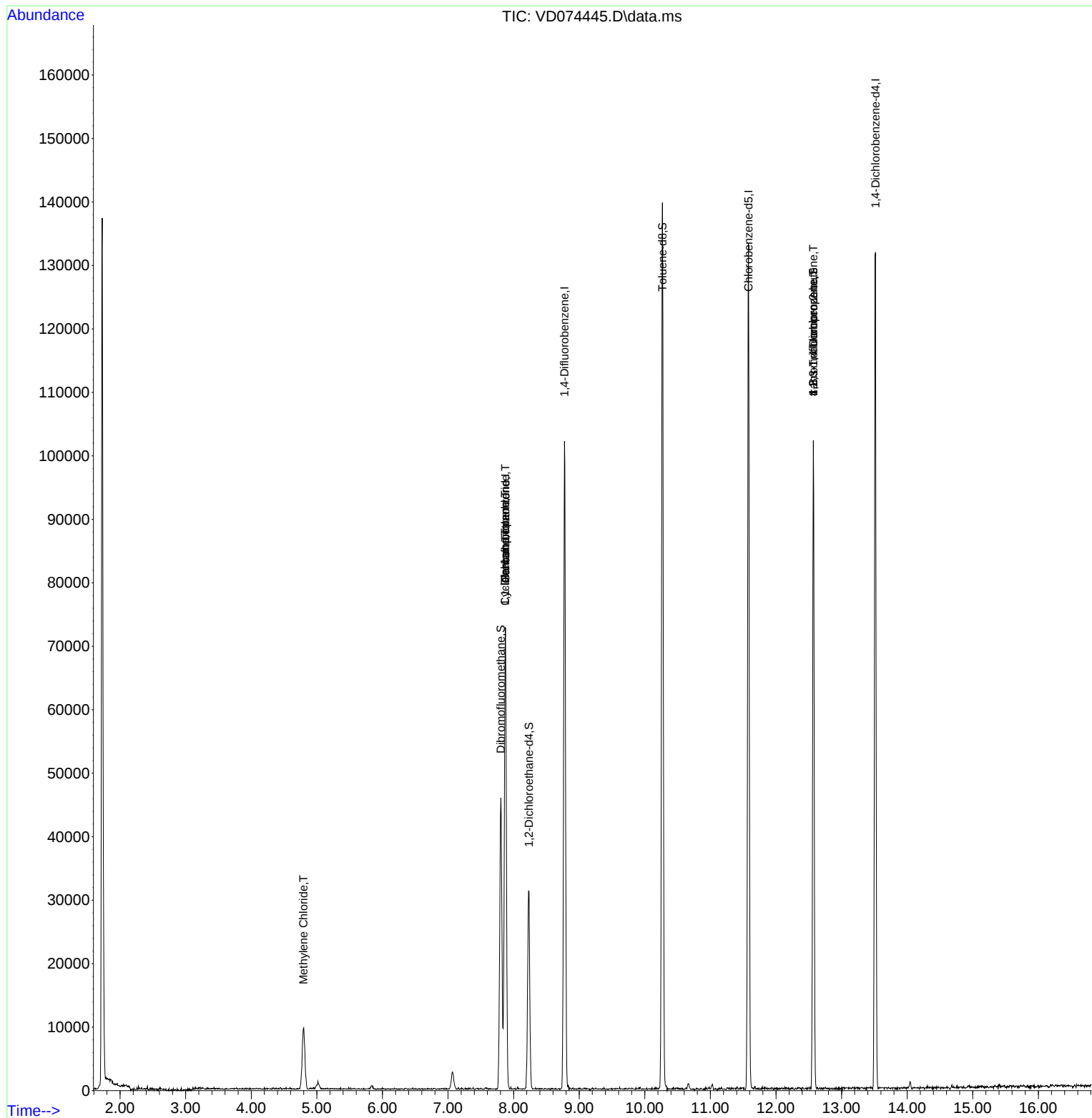
Internal Standards						
1) Pentafluorobenzene	7.875	168	61155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	97315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	84505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	39263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25350	48.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.300%
35) Dibromofluoromethane	7.805	113	33894	51.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.269	98	104343	47.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.569	95	31515	39.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.080%
Target Compounds						
3) Chloromethane	2.146	50	177	Below Cal	#	37
11) Tert butyl alcohol	5.028	59	801	Below Cal	#	84
20) Methylene Chloride	4.793	84	8702	4.929	ug/l #	96
31) Cyclohexane	7.869	56	999	1.117	ug/l #	23
36) 1,1-Dichloropropene	7.869	75	4023	4.552	ug/l #	47
38) Carbon Tetrachloride	7.875	117	5382	6.364	ug/l #	20
76) 1,2,3-Trichloropropane	12.569	75	15349	49.981	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	15349	121.966	ug/l #	17

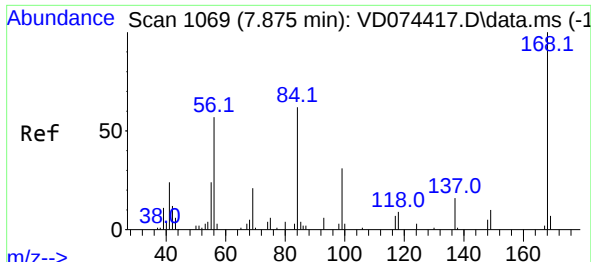
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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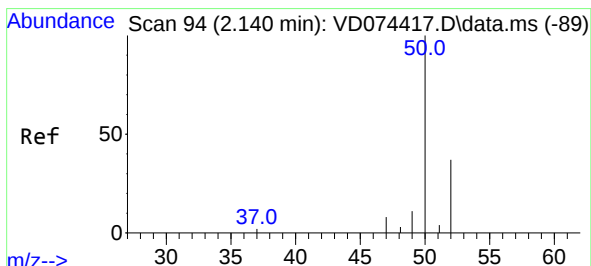
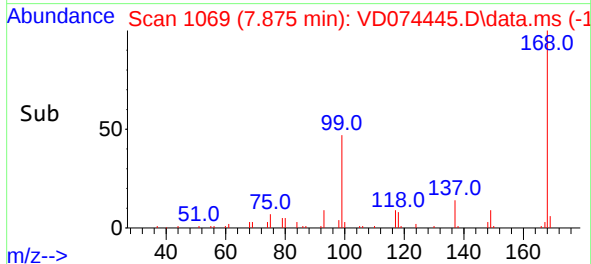
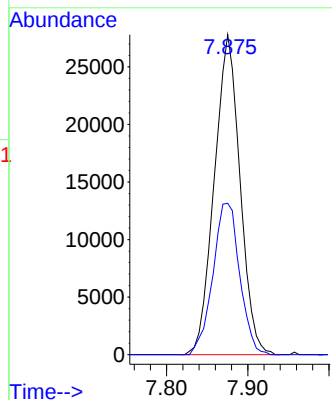
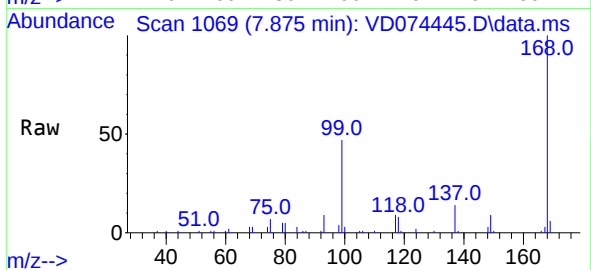




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

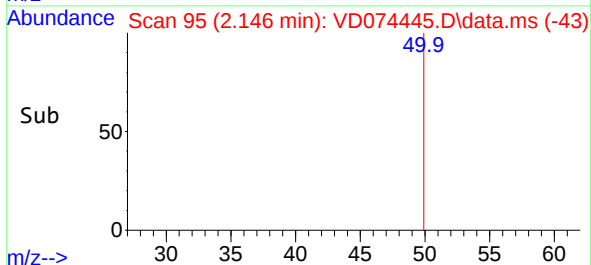
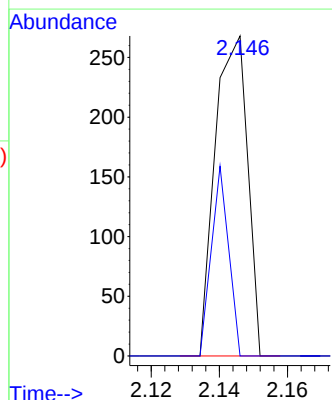
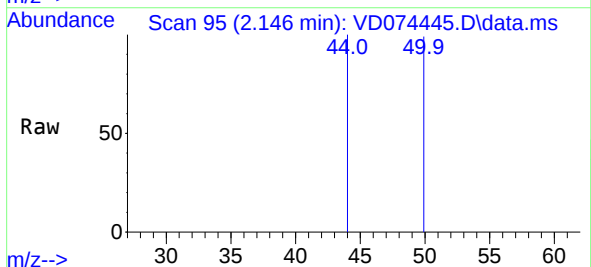
Instrument :
MSVOA_D
ClientSampleId :
TP1-0923

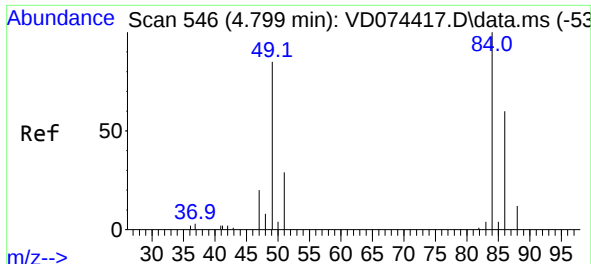
Tgt Ion:168 Resp: 61155
Ion Ratio Lower Upper
168 100
99 47.3 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#





#20

Methylene Chloride

Concen: 4.929 ug/l

RT: 4.793 min Scan# 54

Delta R.T. -0.006 min

Lab File: VD074445.D

Acq: 27 Sep 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

TP1-0923

Tgt Ion: 84 Resp: 8702

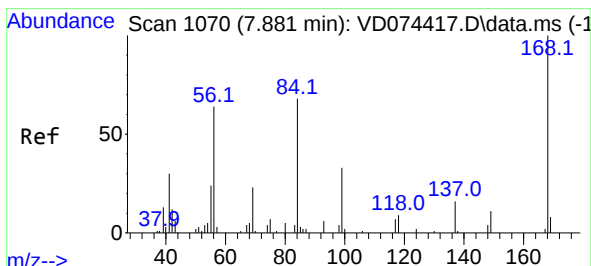
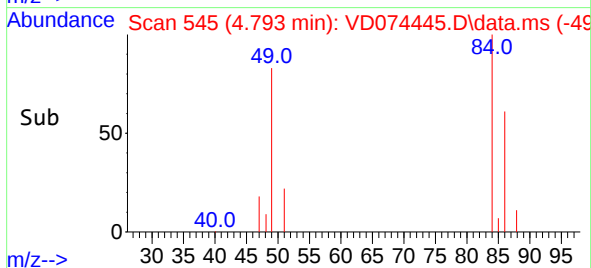
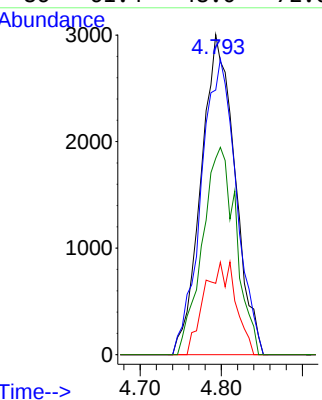
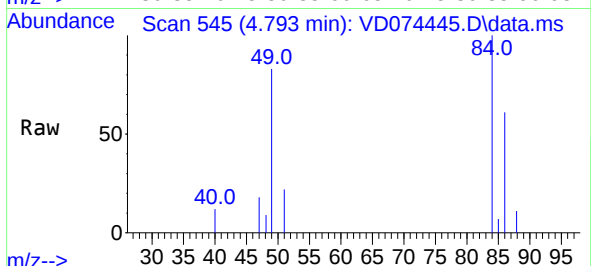
Ion Ratio Lower Upper

84 100

49 82.7 68.0 102.0

51 22.3 23.2 34.8#

86 61.4 48.0 72.0



#31

Cyclohexane

Concen: 1.117 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.012 min

Lab File: VD074445.D

Acq: 27 Sep 2022 15:12

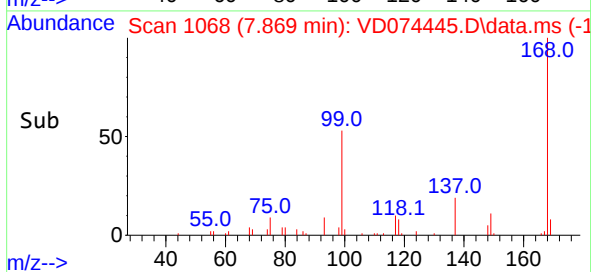
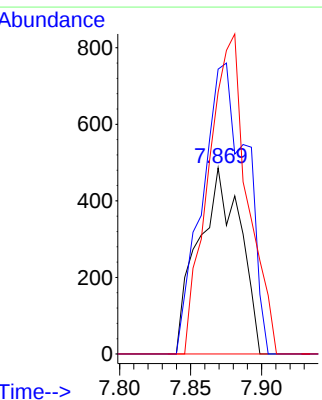
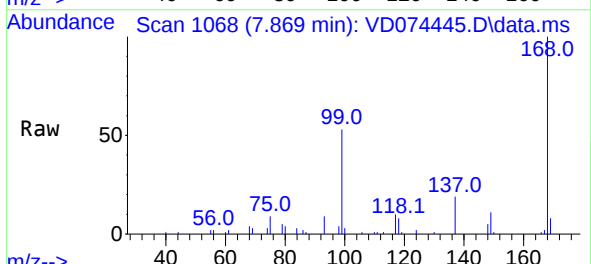
Tgt Ion: 56 Resp: 999

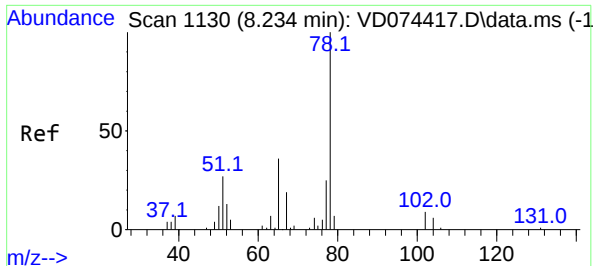
Ion Ratio Lower Upper

56 100

69 153.1 29.2 43.8#

84 140.7 83.4 125.2#

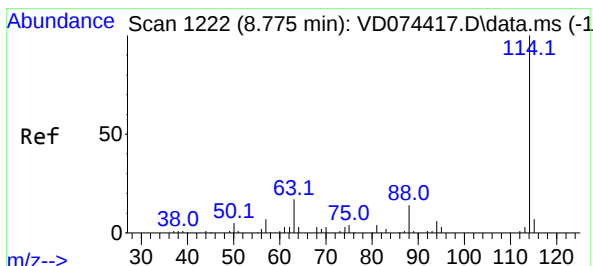
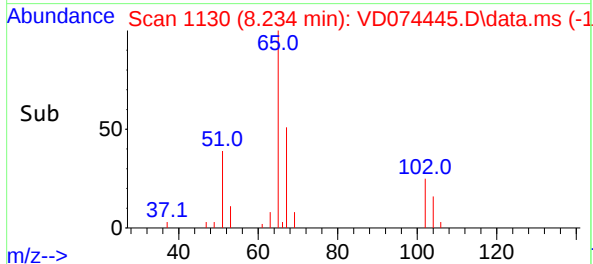
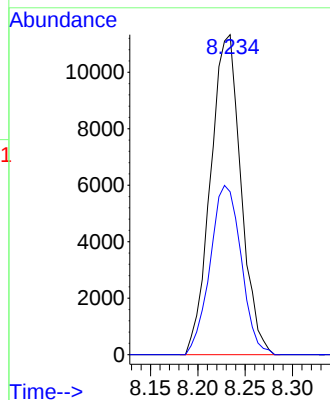
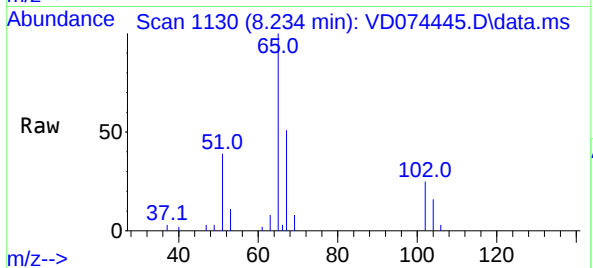




#33
1,2-Dichloroethane-d4
Concen: 48.147 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

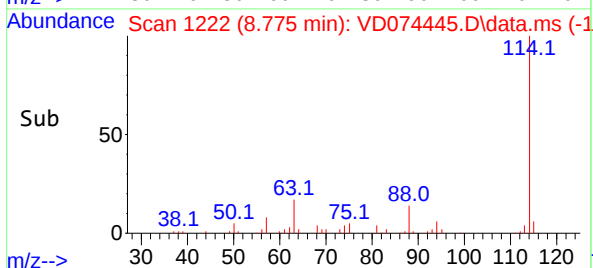
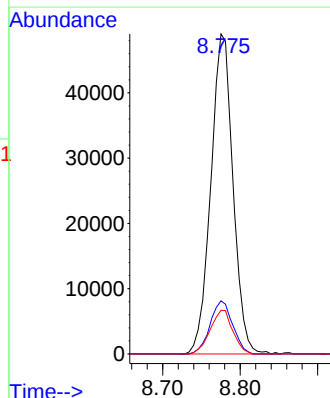
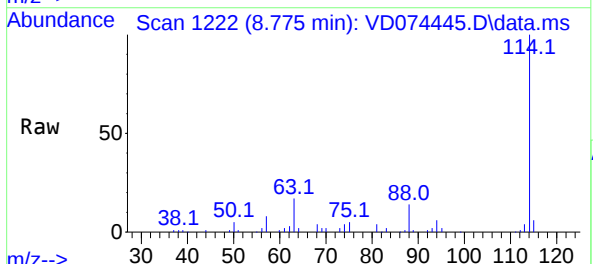
Instrument :
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TP1-0923

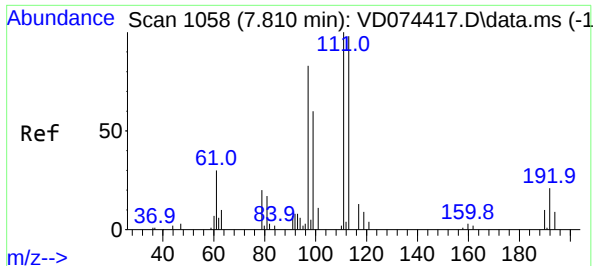
Tgt Ion: 65 Resp: 25350
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 114 Resp: 97315
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.2
88 13.7 0.0 28.2

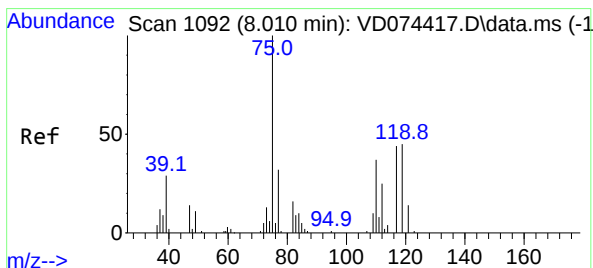
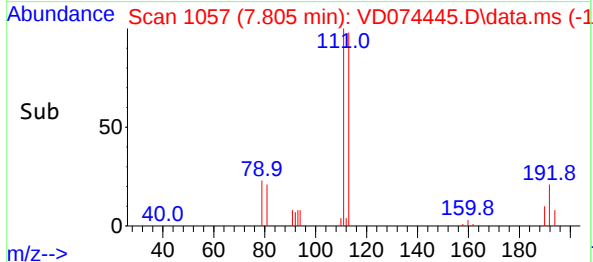
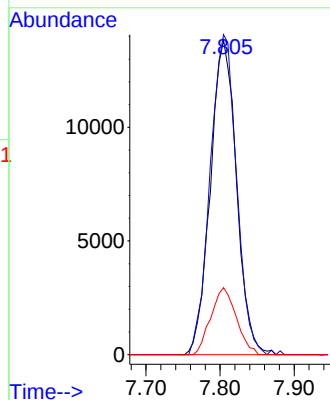
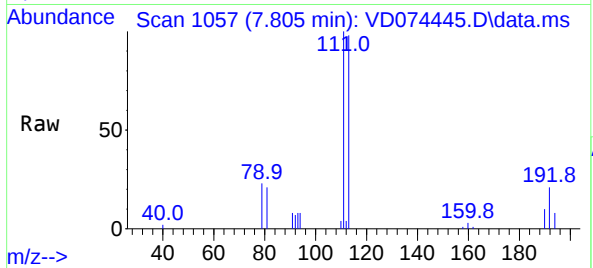




#35
Dibromofluoromethane
Concen: 51.870 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

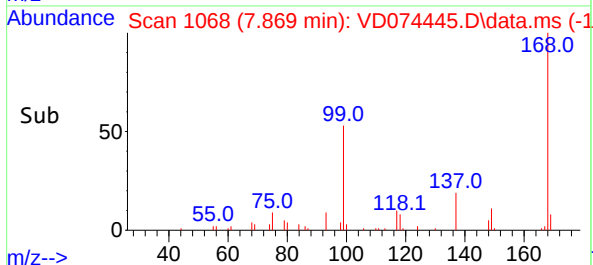
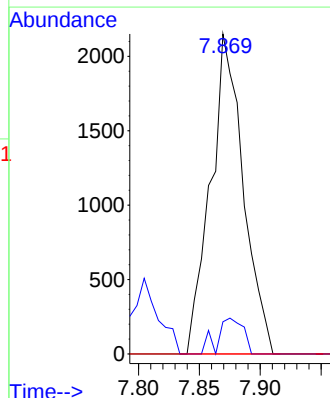
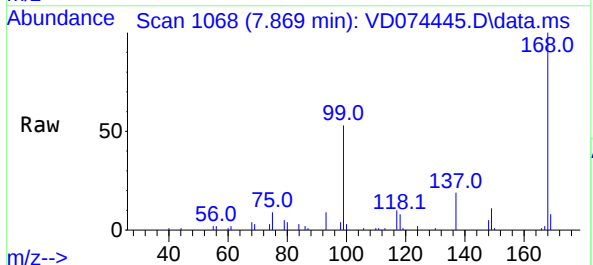
Instrument :
MSVOA_D
ClientSampleId :
TP1-0923

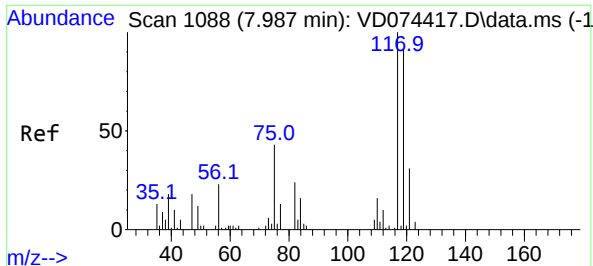
Tgt Ion:	113	Resp:	33894
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	20.8	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion:	75	Resp:	4023
Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.7	59.0#
77	0.0	25.4	38.2#

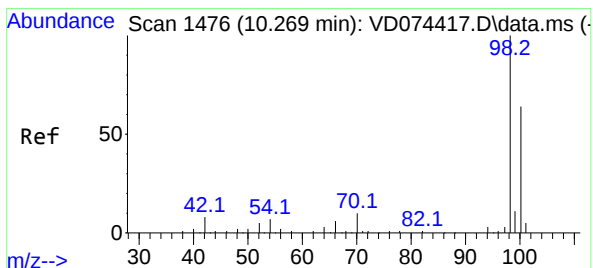
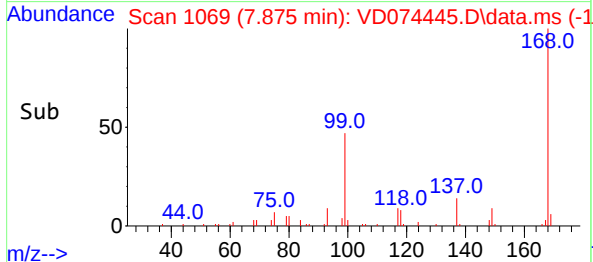
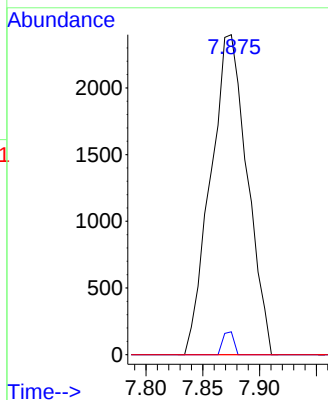
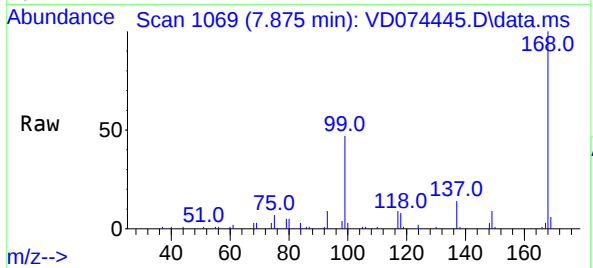




#38
Carbon Tetrachloride
Concen: 6.364 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

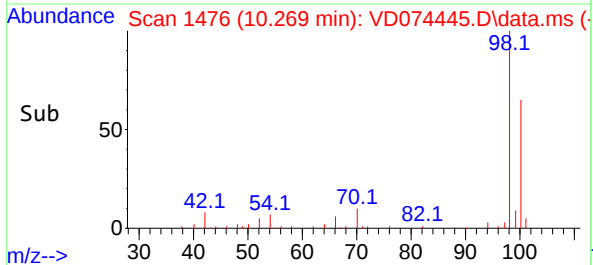
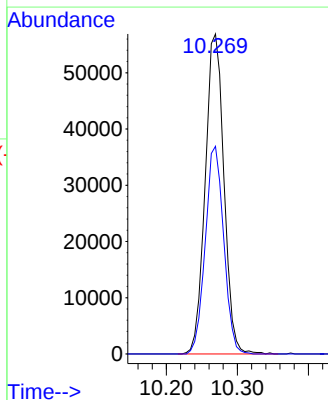
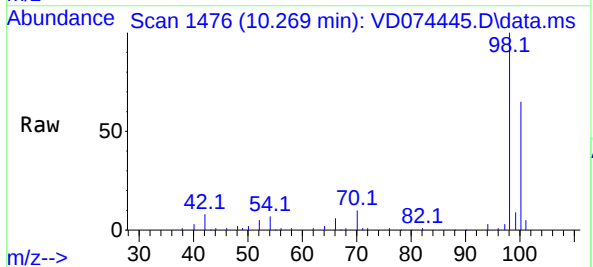
Instrument :
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ClientSampleId :
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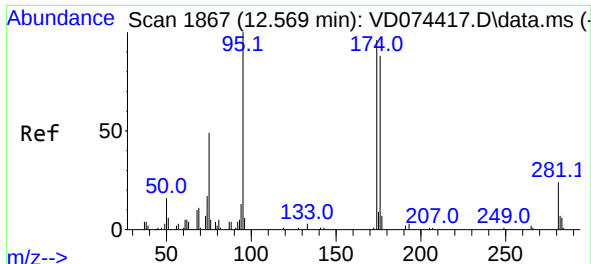
Tgt Ion:117 Resp: 5382
Ion Ratio Lower Upper
117 100
119 7.2 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.149 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 98 Resp: 104343
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

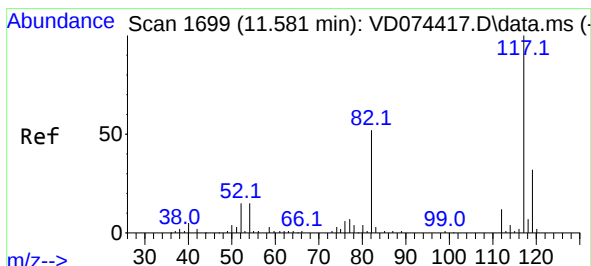
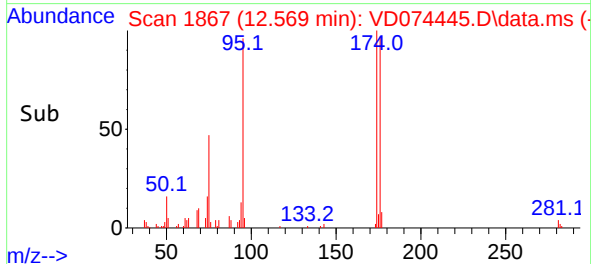
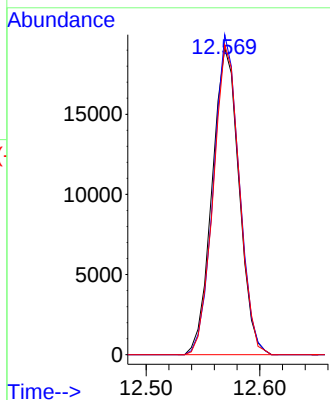
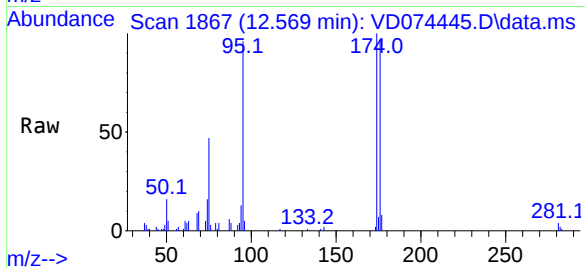




#62
4-Bromofluorobenzene
Concen: 39.543 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

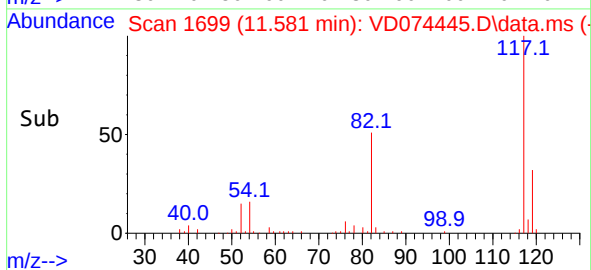
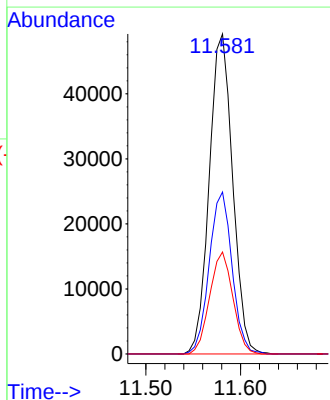
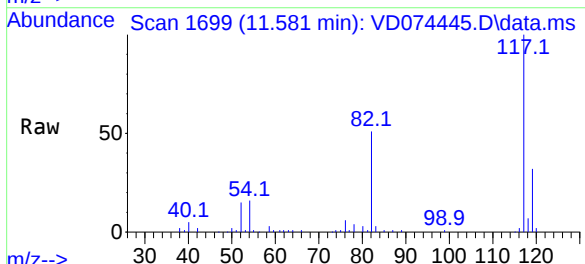
Instrument :
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TP1-0923

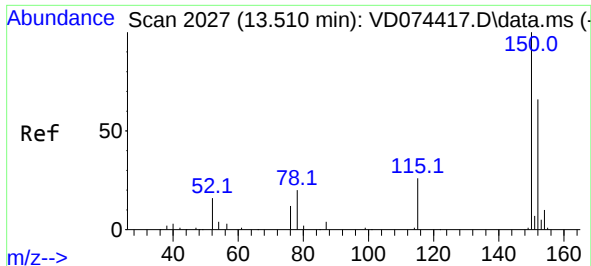
Tgt Ion:	95	Resp:	31515
Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	197.0
176	97.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074445.D
Acq: 27 Sep 2022 15:12

Tgt Ion:	117	Resp:	84505
Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.6	62.4
119	31.9	25.2	37.8

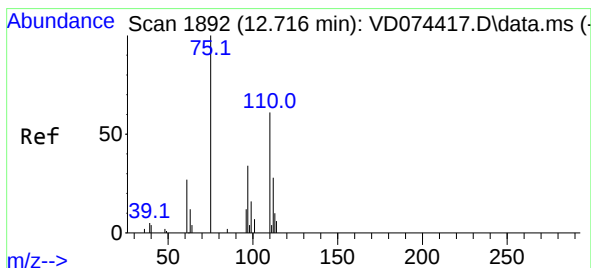
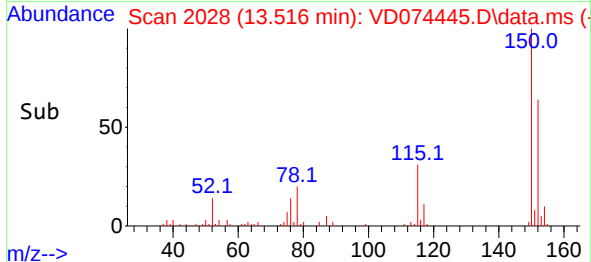
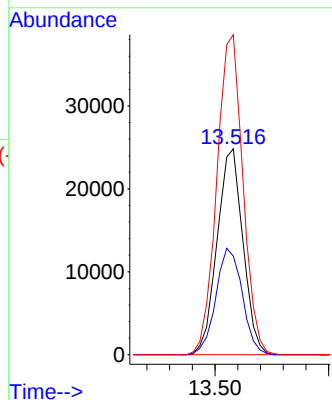
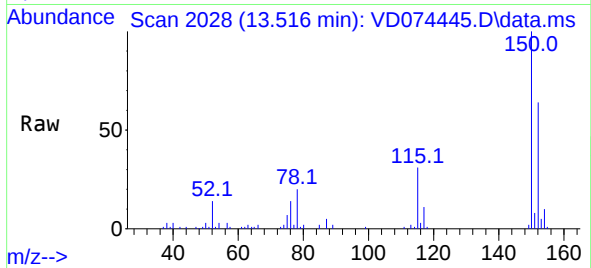




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074445.D
 Acq: 27 Sep 2022 15:12

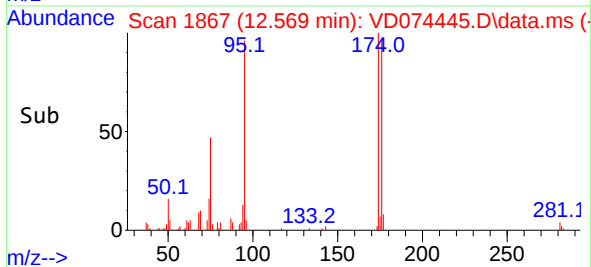
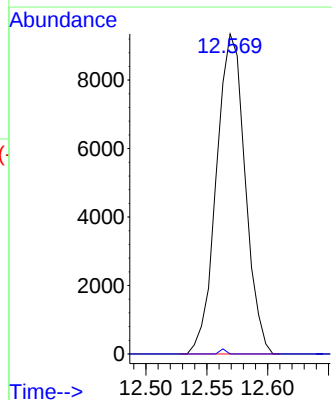
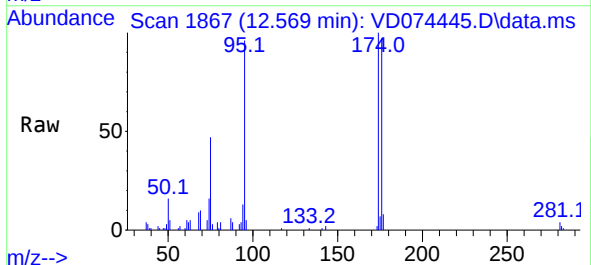
Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0923

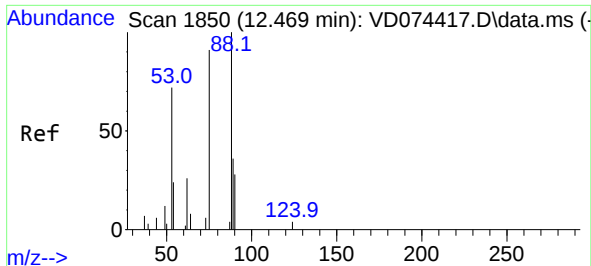
Tgt Ion:152 Resp: 39263
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.8 80.4
 150 157.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 49.981 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074445.D
 Acq: 27 Sep 2022 15:12

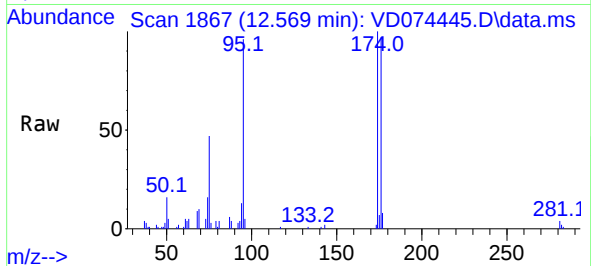
Tgt Ion: 75 Resp: 15349
 Ion Ratio Lower Upper
 75 100
 77 0.4 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.966 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074445.D
 Acq: 27 Sep 2022 15:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0923



Tgt Ion:	75	Resp:	15349
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

