

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074428.D
 Acq On : 26 Sep 2022 19:31
 Operator : VA/SY
 Sample : N4764-04
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 04:11:04 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)

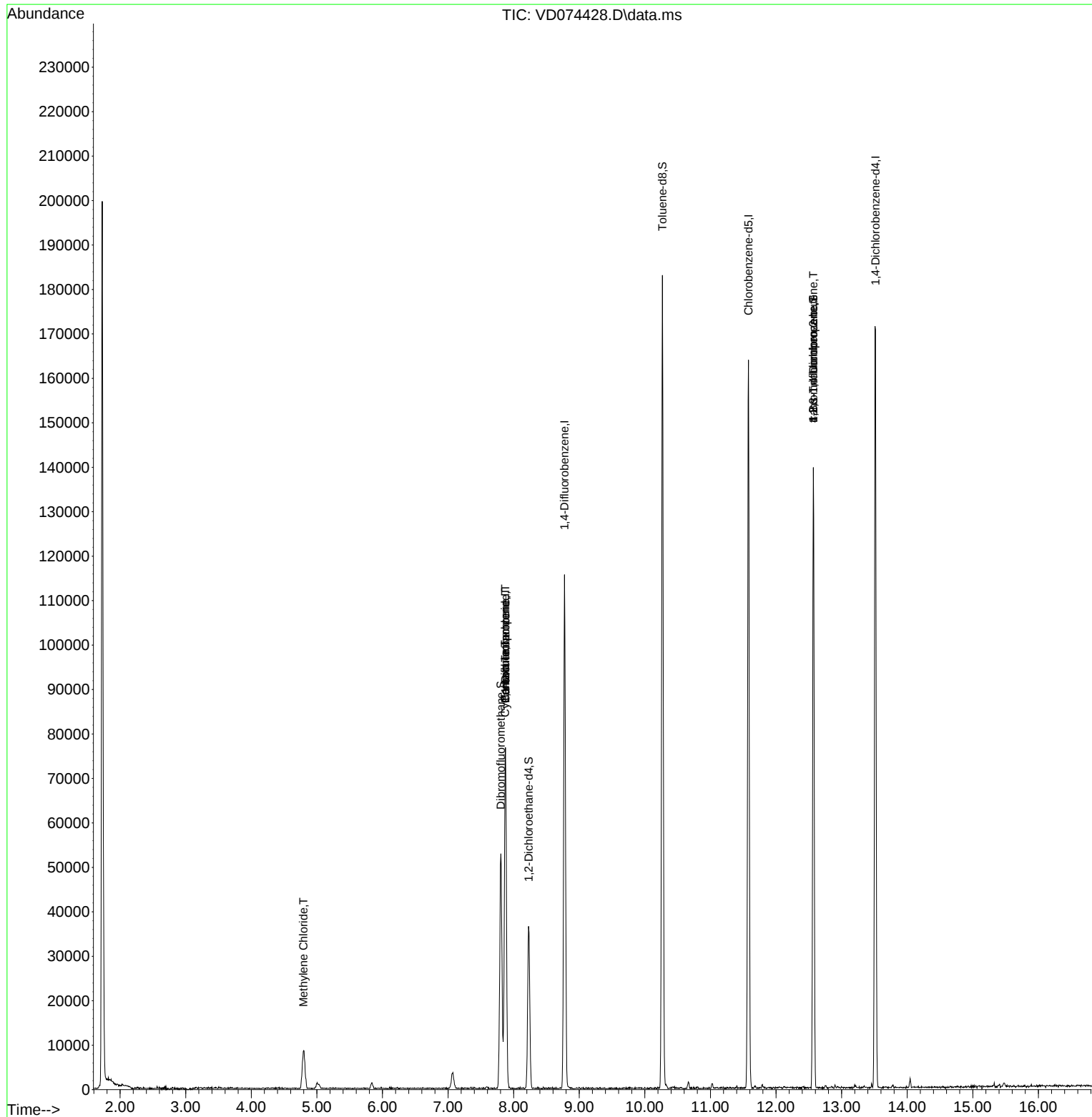
Internal Standards						
1) Pentafluorobenzene	7.875	168	64618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	109041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	101288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29717	53.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.840%	
35) Dibromofluoromethane	7.804	113	38762	53.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.040%	
50) Toluene-d8	10.269	98	127801	51.538	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.569	95	41639	47.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.680%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	214	Below Cal	#	37
11) Tert butyl alcohol	5.004	59	1099	Below Cal	#	84
20) Methylene Chloride	4.793	84	7387	2.375	ug/l	88
31) Cyclohexane	7.869	56	1090	1.154	ug/l	# 18
36) 1,1-Dichloropropene	7.875	75	4502	4.547	ug/l	# 43
38) Carbon Tetrachloride	7.875	117	6301	6.650	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	21126	52.917	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.569	75	21126	129.129	ug/l	# 17

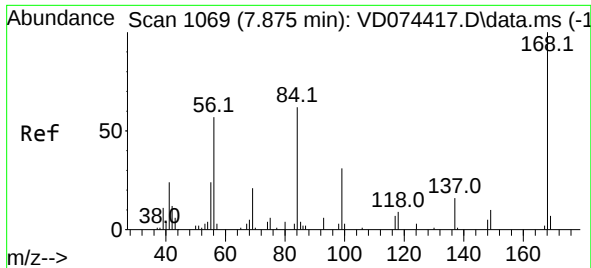
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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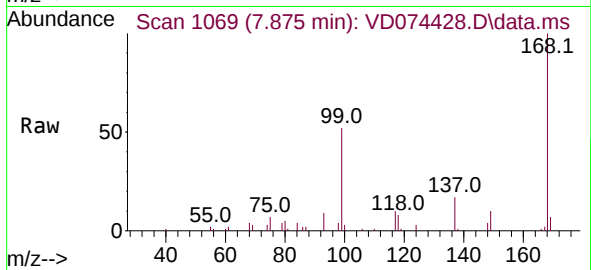
Quant Time: Sep 27 04:11:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
Response via : Initial Calibration



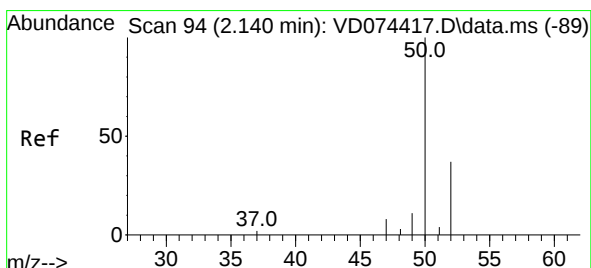
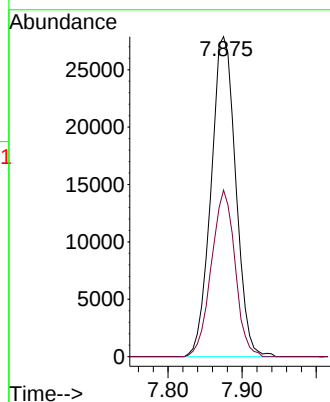
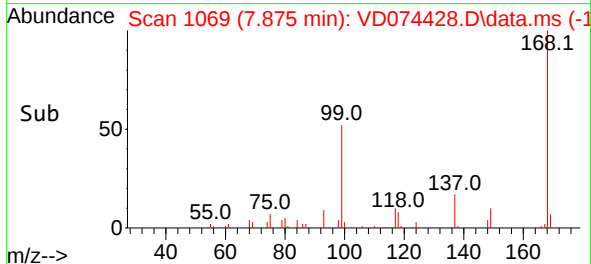


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :

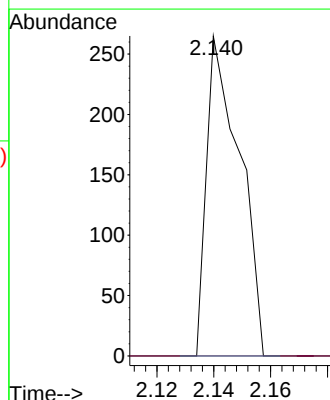
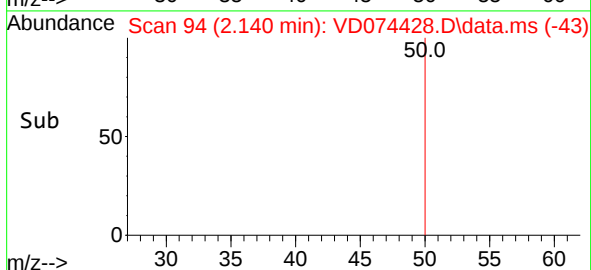
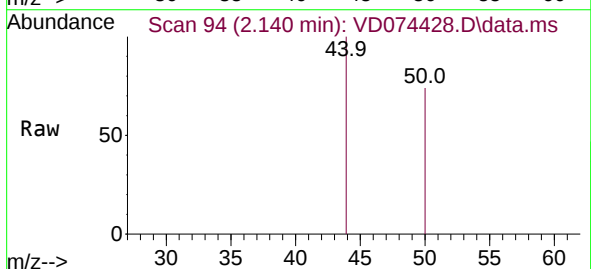


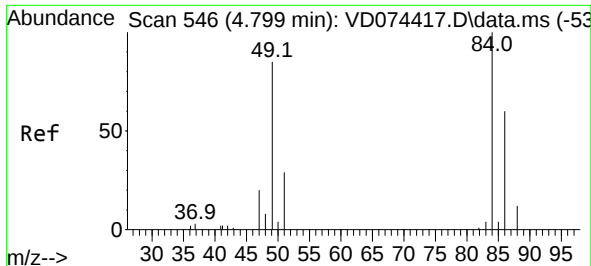
Tgt Ion:168 Resp: 64618
Ion Ratio Lower Upper
168 100
99 52.0 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

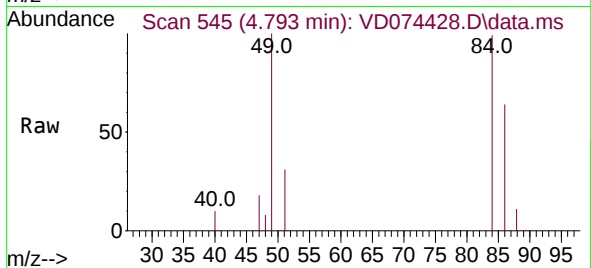
Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#



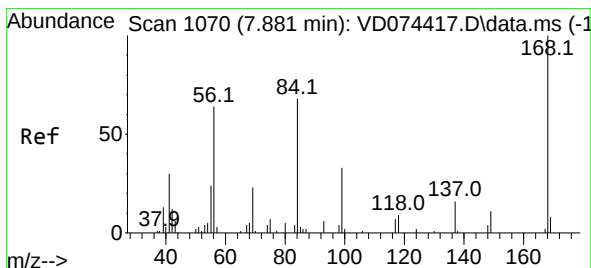
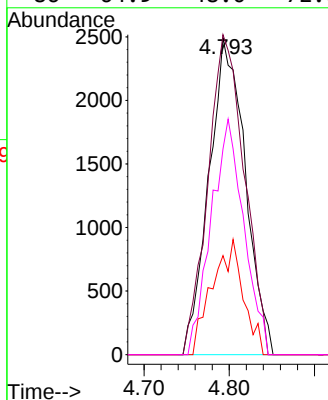
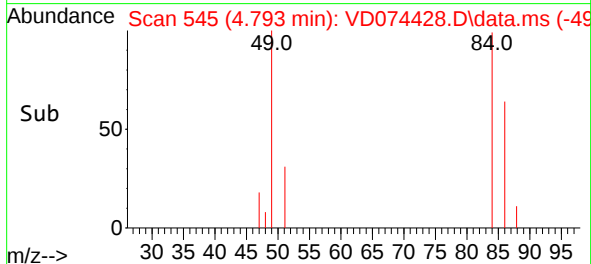


#20
Methylene Chloride
Concen: 2.375 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

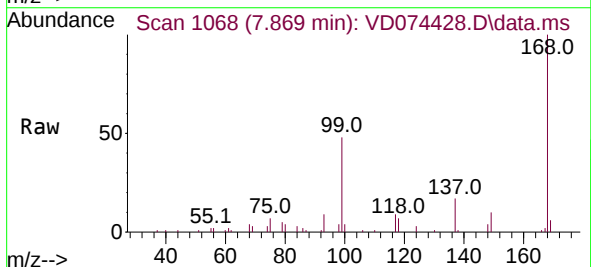
Instrument :
MSVOA_D
ClientSampleId :



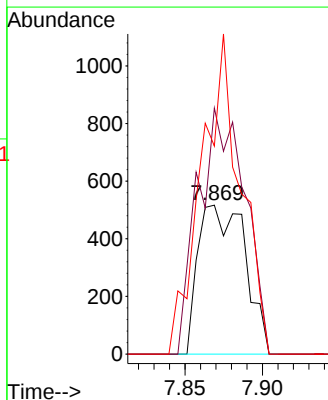
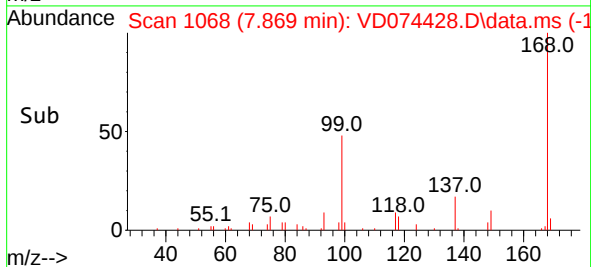
Tgt Ion: 84	Resp: 7387
Ion Ratio	Lower Upper
84 100	
49 101.0	68.0 102.0
51 31.3	23.2 34.8
86 64.9	48.0 72.0

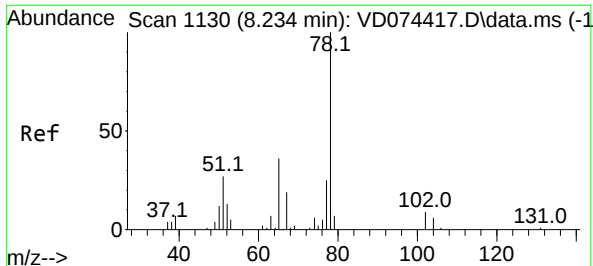


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31



Tgt Ion: 56	Resp: 1090
Ion Ratio	Lower Upper
56 100	
69 165.2	29.2 43.8#
84 139.7	83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 53.417 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074428.D

Acq: 26 Sep 2022 19:31

Instrument :

MSVOA_D

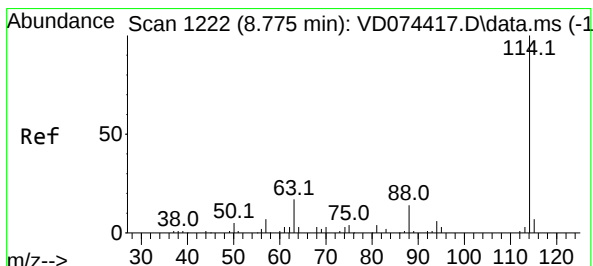
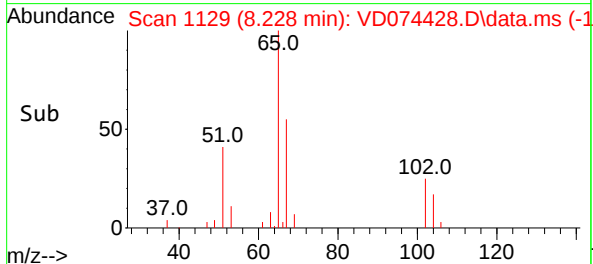
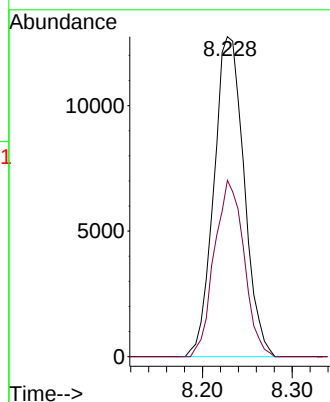
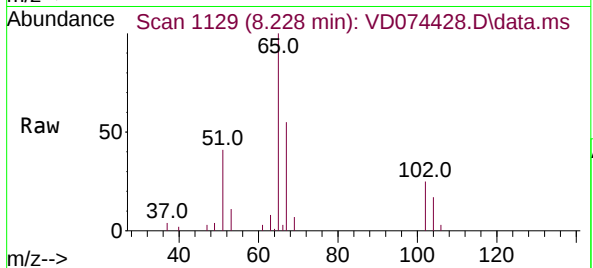
ClientSampleId :

Tgt Ion: 65 Resp: 29717

Ion Ratio Lower Upper

65 100

67 54.2 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: VD074428.D

Acq: 26 Sep 2022 19:31

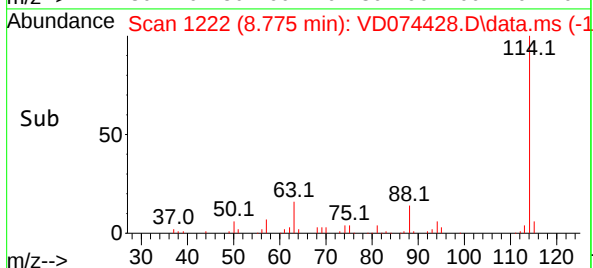
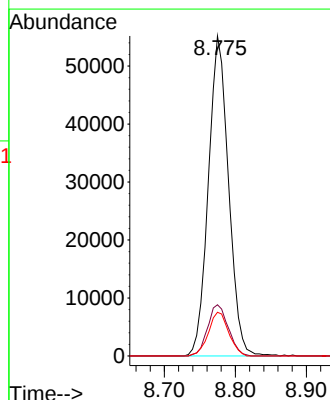
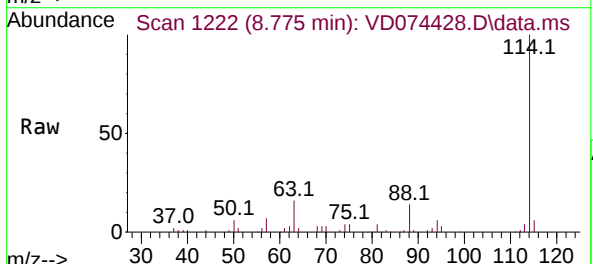
Tgt Ion: 114 Resp: 109041

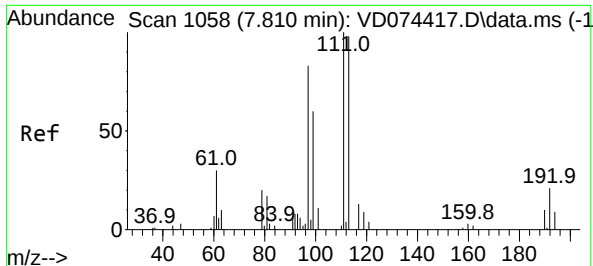
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 53.015 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074428.D

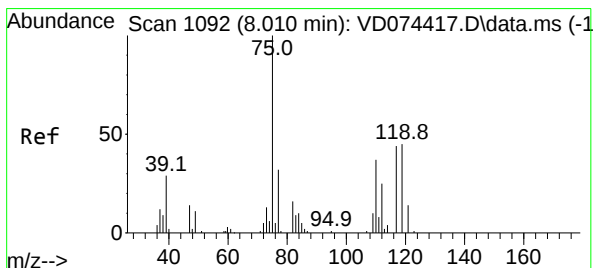
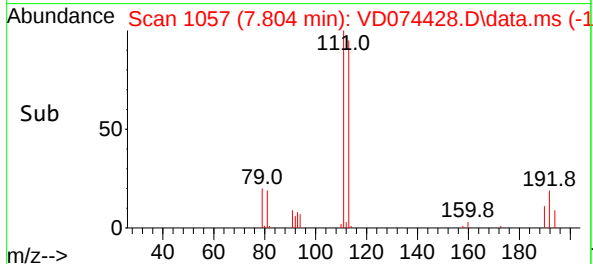
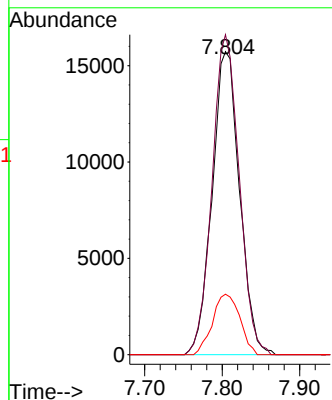
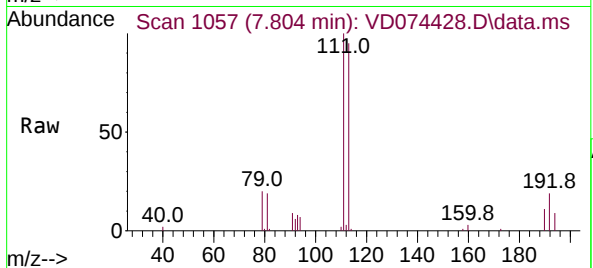
Acq: 26 Sep 2022 19:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:113	Resp:	38762
Ion	Ratio	Lower Upper
113	100	
111	103.9	82.3 123.5
192	19.8	16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.547 ug/l

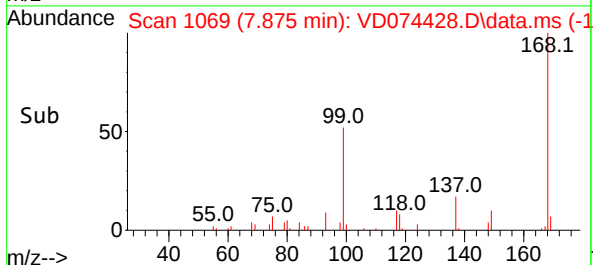
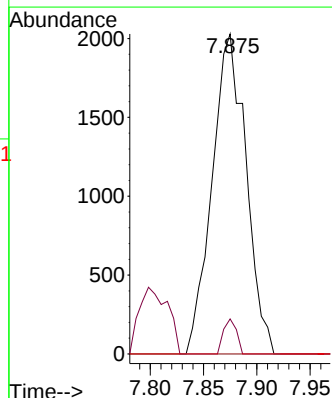
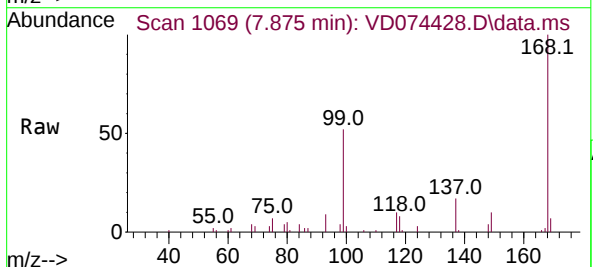
RT: 7.875 min Scan# 1069

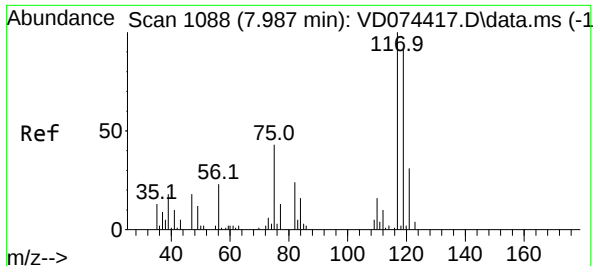
Delta R.T. -0.135 min

Lab File: VD074428.D

Acq: 26 Sep 2022 19:31

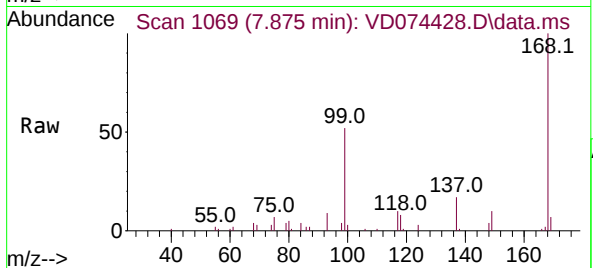
Tgt Ion: 75	Resp:	4502
Ion	Ratio	Lower Upper
75	100	
110	4.2	19.7 59.0#
77	0.0	25.4 38.2#



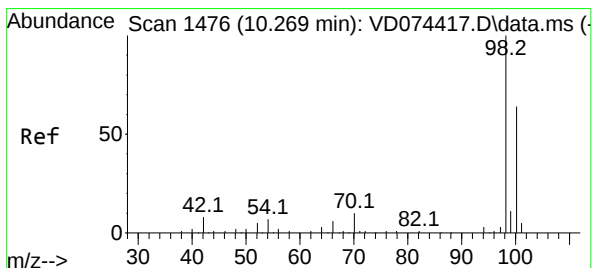
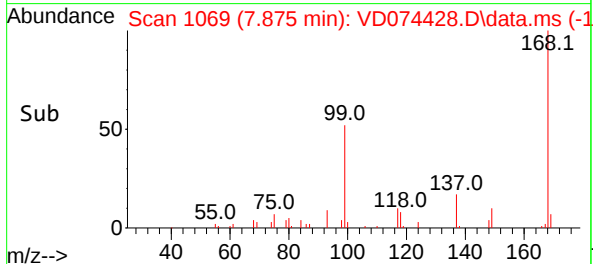
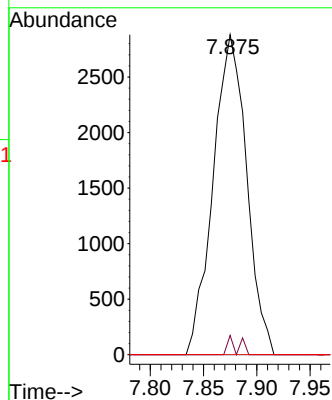


#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :

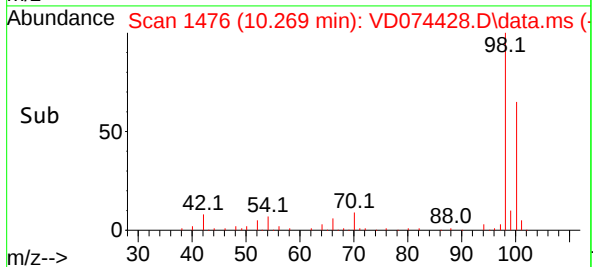
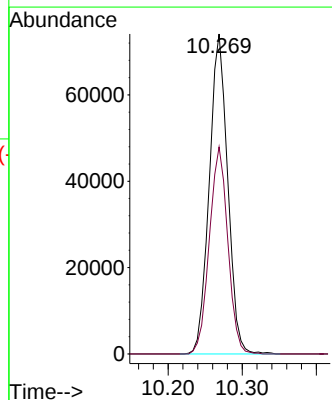
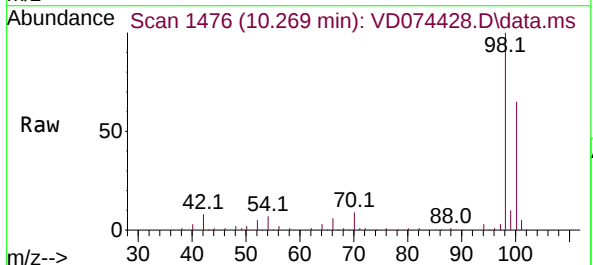


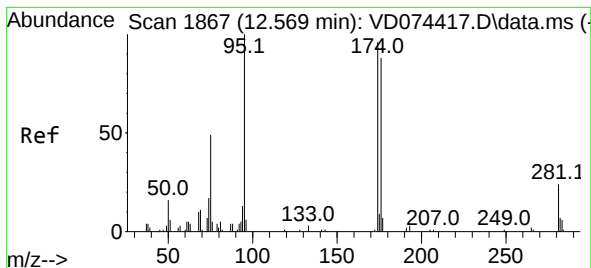
Tgt Ion:117 Resp: 6301
Ion Ratio Lower Upper
117 100
119 6.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.538 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

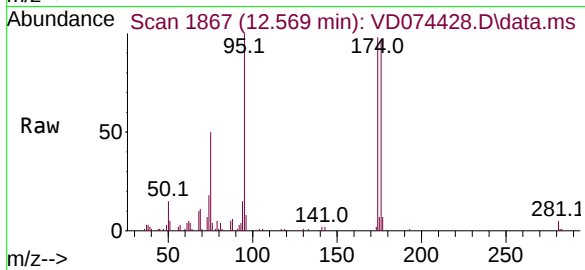
Tgt Ion: 98 Resp: 127801
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



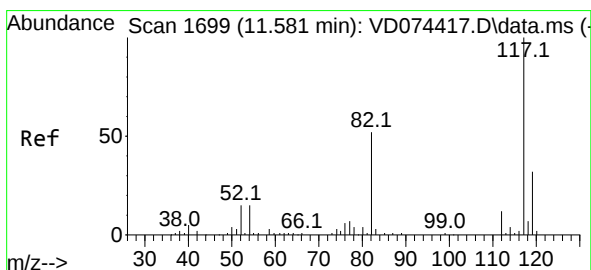
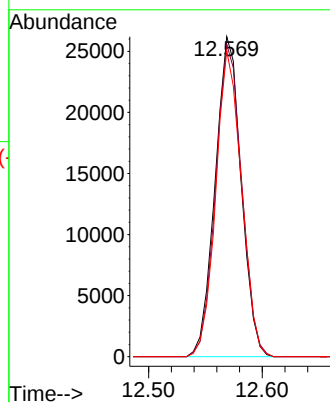
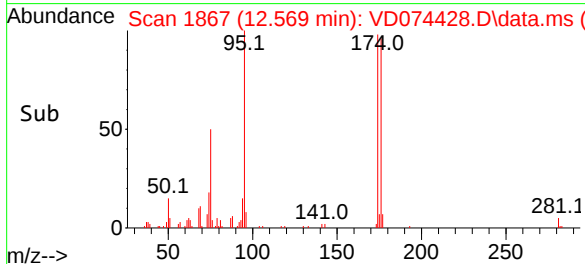


#62
4-Bromofluorobenzene
Concen: 47.837 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :

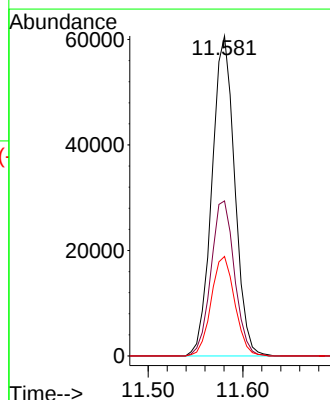
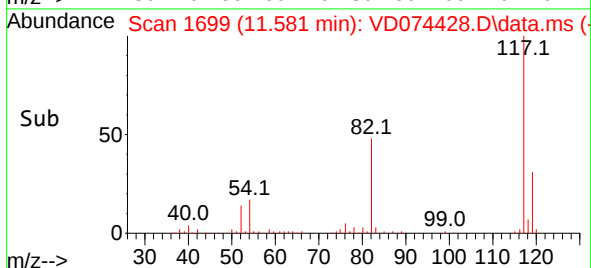
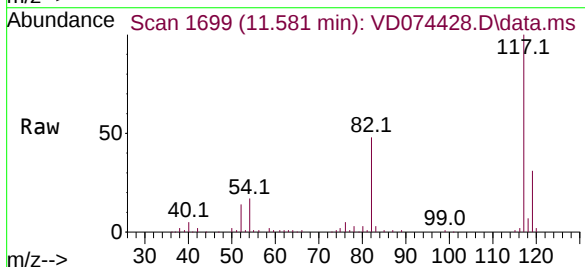


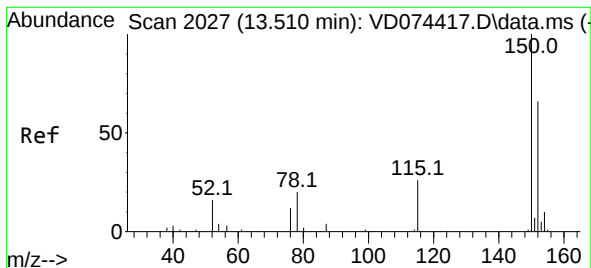
Tgt Ion: 95 Resp: 41639
Ion Ratio Lower Upper
95 100
174 98.1 0.0 197.0
176 94.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Tgt Ion: 117 Resp: 101288
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 31.1 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2027

Delta R.T. 0.006 min

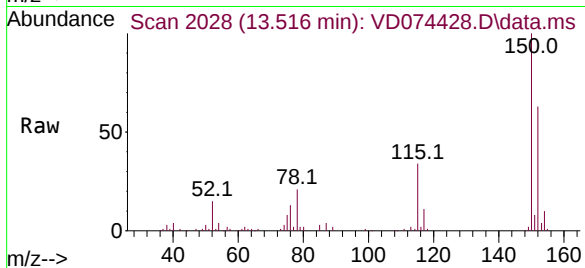
Lab File: VD074428.D

Acq: 26 Sep 2022 19:31

Instrument :

MSVOA_D

ClientSampleId :



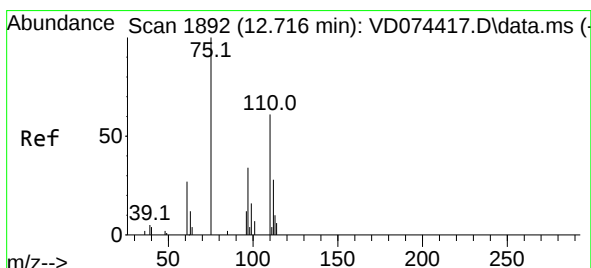
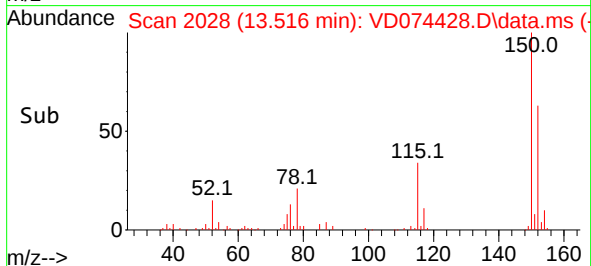
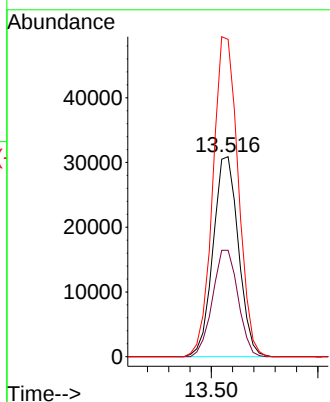
Tgt Ion:152 Resp: 51043

Ion Ratio Lower Upper

152 100

115 53.5 26.8 80.4

150 159.5 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 52.917 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.147 min

Lab File: VD074428.D

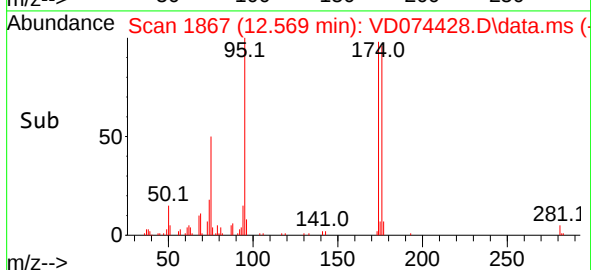
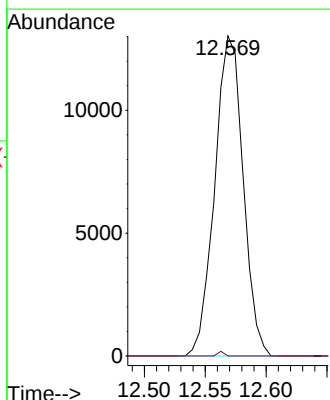
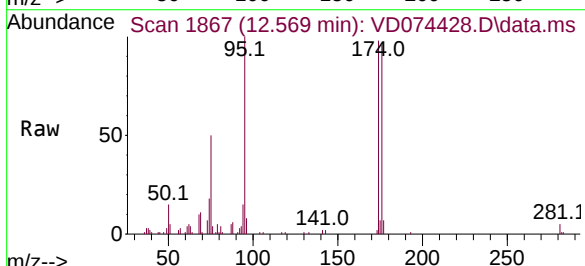
Acq: 26 Sep 2022 19:31

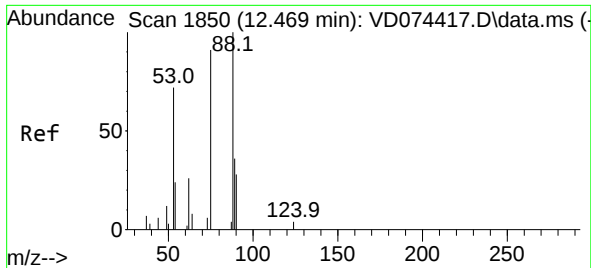
Tgt Ion: 75 Resp: 21126

Ion Ratio Lower Upper

75 100

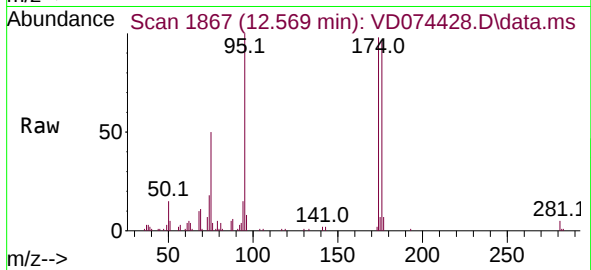
77 0.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.129 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074428.D
 Acq: 26 Sep 2022 19:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	21126
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

