

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074339.D
 Acq On : 16 Sep 2022 19:35
 Operator : VA/SY
 Sample : N4613-02
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(18-23)

Quant Time: Sep 17 04:24:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

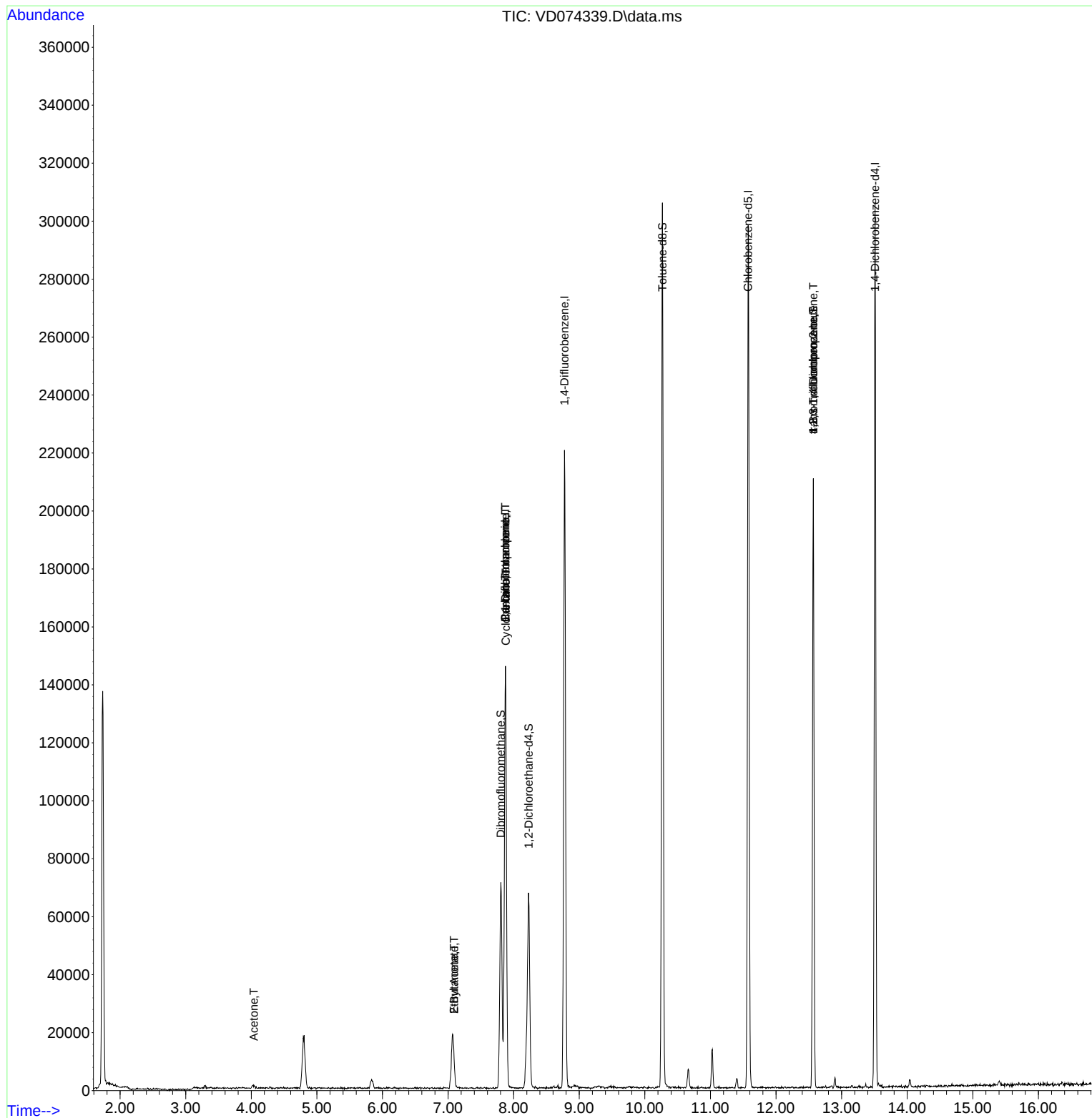
Internal Standards						
1) Pentafluorobenzene	7.875	168	114002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	193951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	176153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	78909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49335	44.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.860%
35) Dibromofluoromethane	7.804	113	51545	40.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.700%
50) Toluene-d8	10.269	98	214008	48.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.569	95	60435	39.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.460%
Target Compounds						Qvalue
16) Acetone	4.040	43	1890	7.555	ug/l #	85
20) Methylene Chloride	4.799	84	13562	Below Cal		94
25) 2-Butanone	7.093	43	1144	3.070	ug/l #	48
31) Cyclohexane	7.881	56	2390	1.026	ug/l #	13
36) 1,1-Dichloropropene	7.875	75	8819	4.523	ug/l #	48
37) Ethyl Acetate	7.093	43	1144	1.464	ug/l #	1
38) Carbon Tetrachloride	7.875	117	10877	6.295	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	31470	43.105	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	31470	108.031	ug/l #	100

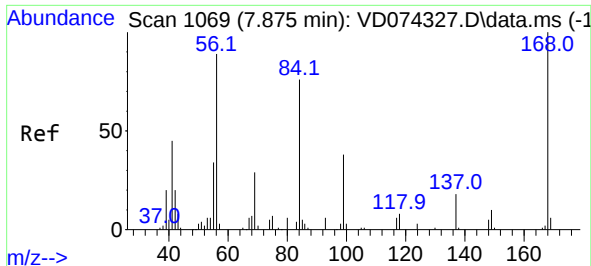
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SASP2-T-6-(18-23)

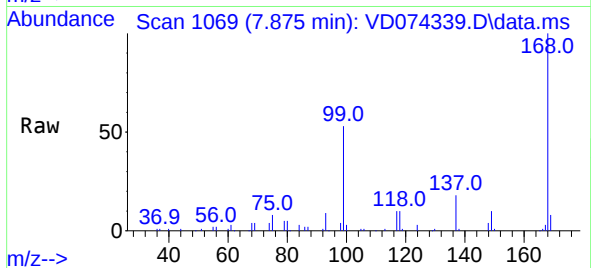
Quant Time: Sep 17 04:24:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration



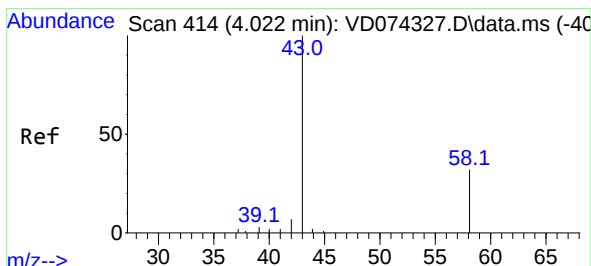
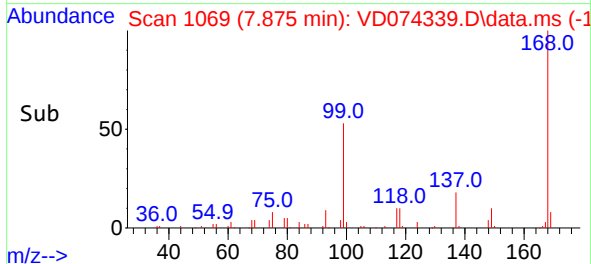
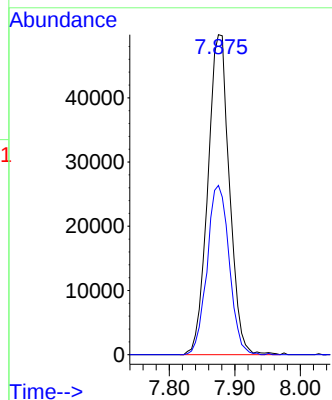


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)

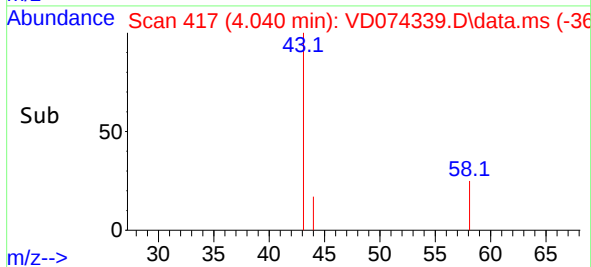
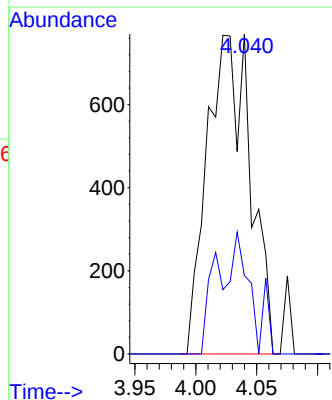
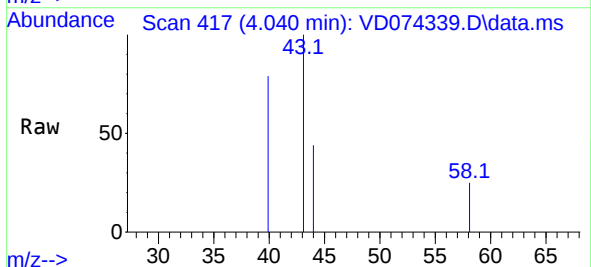


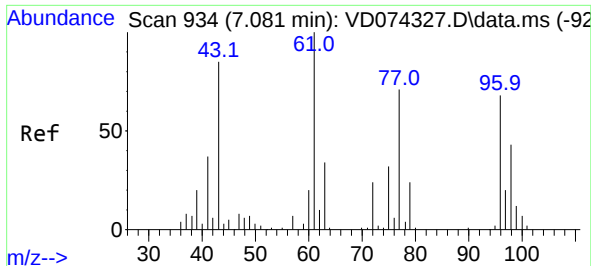
Tgt Ion:168 Resp: 114002
Ion Ratio Lower Upper
168 100
99 52.9 43.0 64.6



#16
Acetone
Concen: 7.555 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
58 24.5 26.4 39.6#

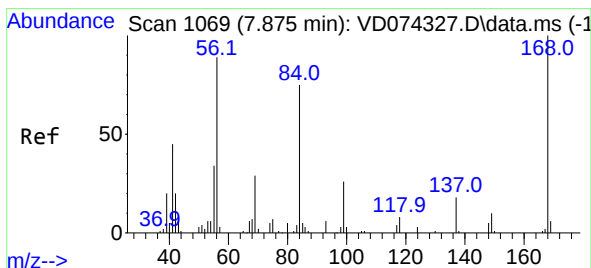
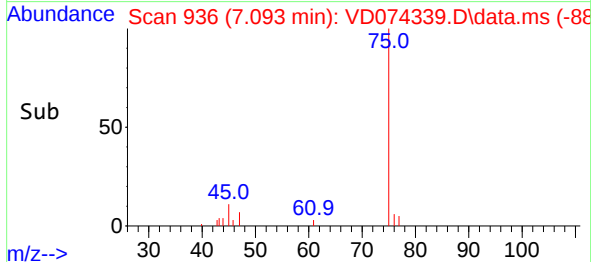
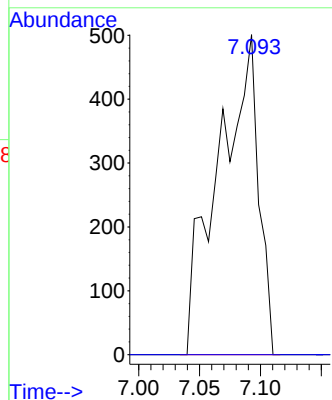
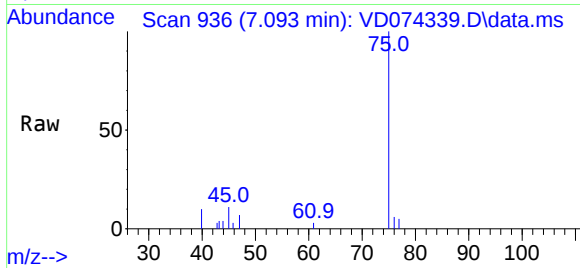




#25
2-Butanone
Concen: 3.070 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

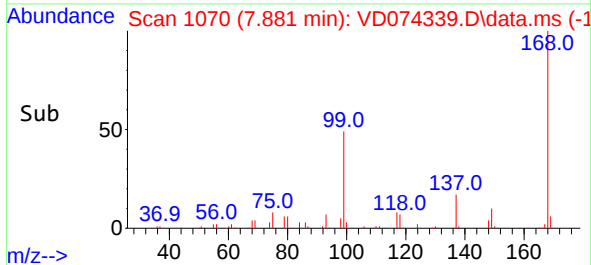
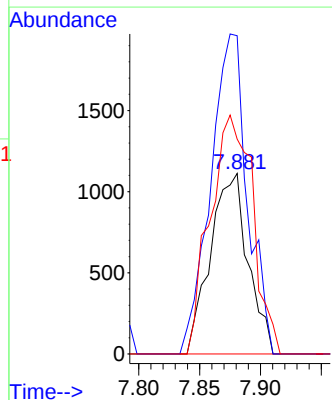
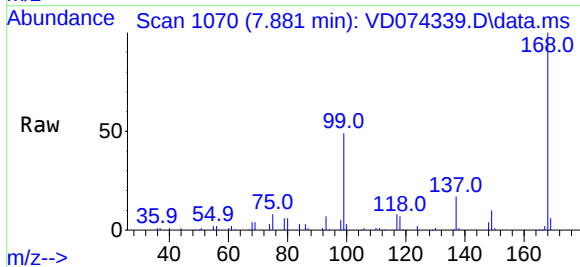
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)

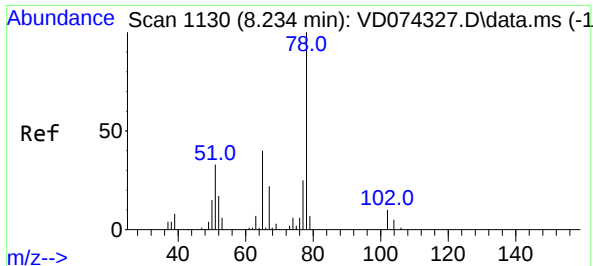
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Tgt Ion: 56 Resp: 2390
Ion Ratio Lower Upper
56 100
69 176.3 25.7 38.5#
84 119.1 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 44.430 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD074339.D

Acq: 16 Sep 2022 19:35

Instrument :

MSVOA_D

ClientSampleId :

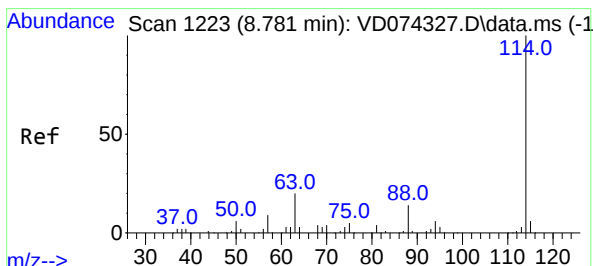
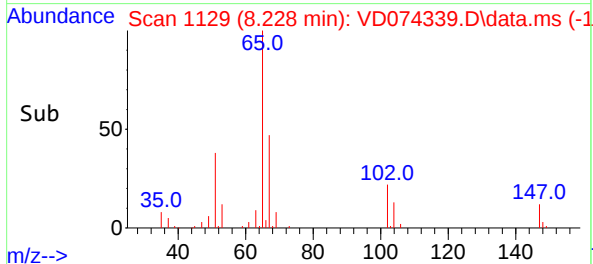
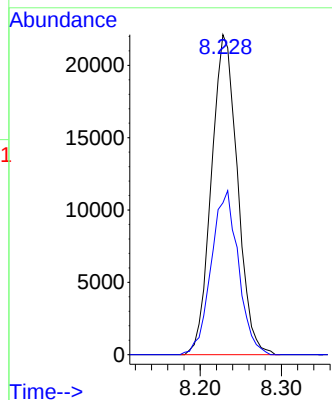
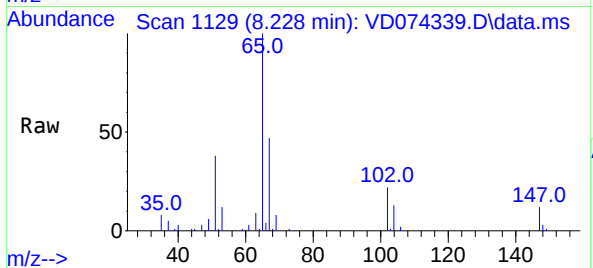
SASP2-T-6-(18-23)

Tgt Ion: 65 Resp: 49335

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074339.D

Acq: 16 Sep 2022 19:35

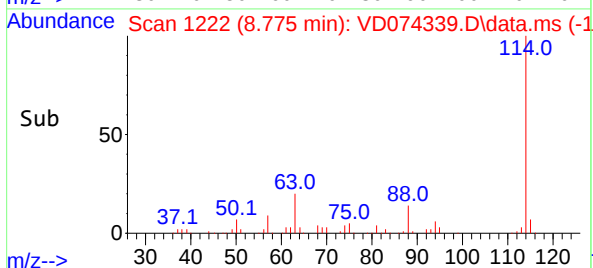
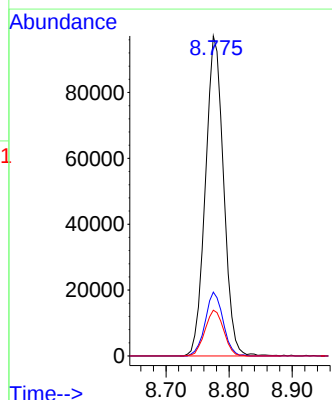
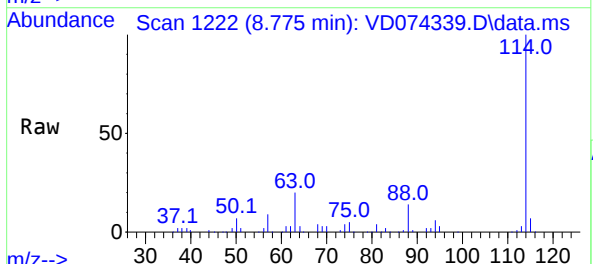
Tgt Ion: 114 Resp: 193951

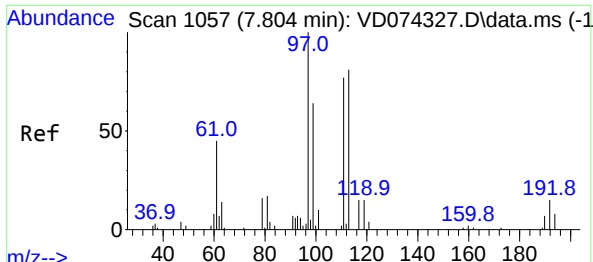
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 14.3 0.0 28.4

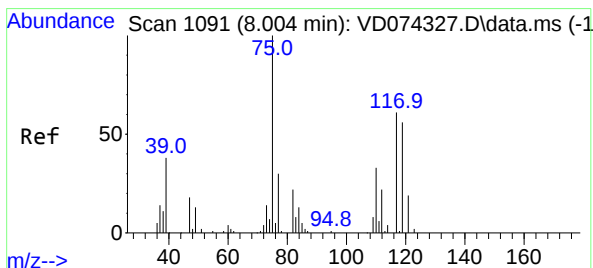
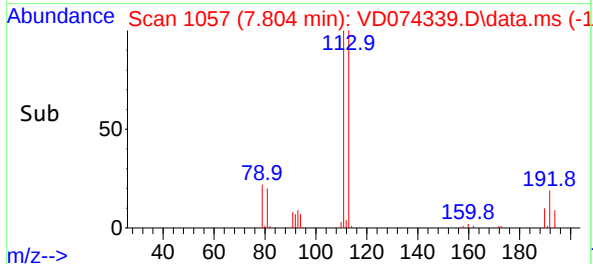
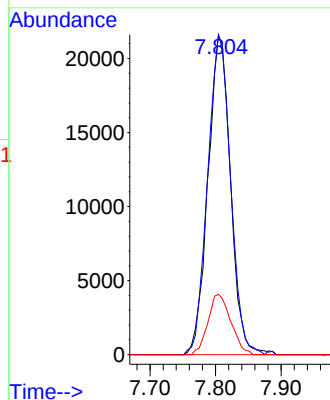
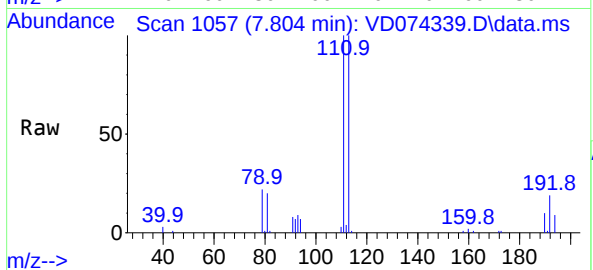




#35
Dibromofluoromethane
Concen: 40.352 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

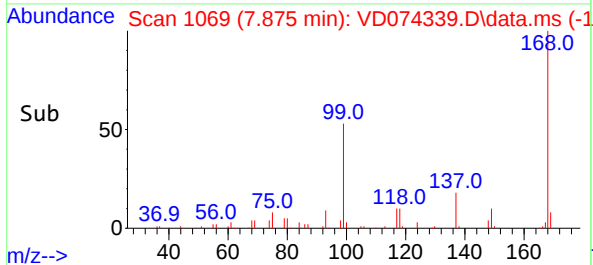
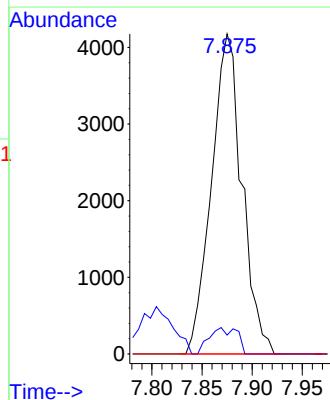
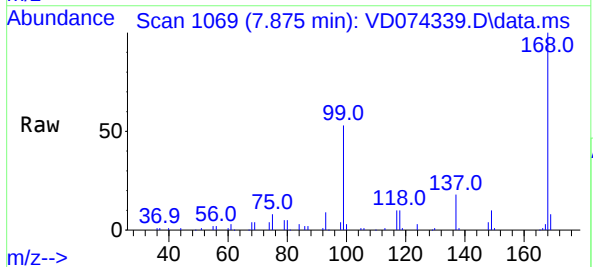
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)

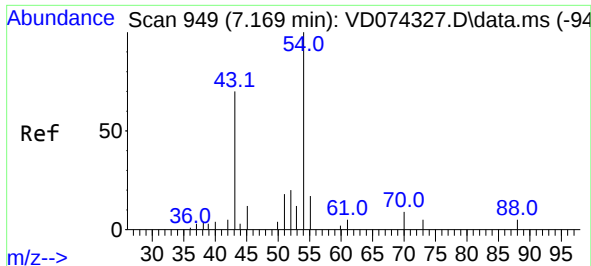
Tgt Ion:	113	Resp:	51545
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	19.2	16.2	24.2



#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Tgt Ion:	75	Resp:	8819
Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.5	52.5#
77	0.0	24.8	37.2#





#37

Ethyl Acetate

Concen: 1.464 ug/l

RT: 7.093 min Scan# 91

Delta R.T. -0.076 min

Lab File: VD074339.D

Acq: 16 Sep 2022 19:35

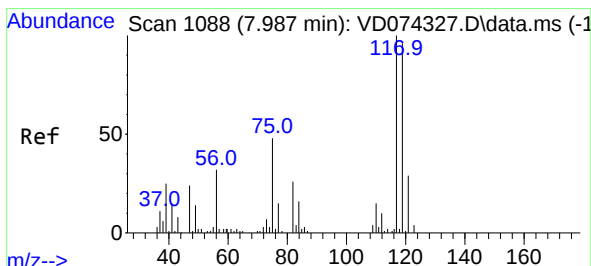
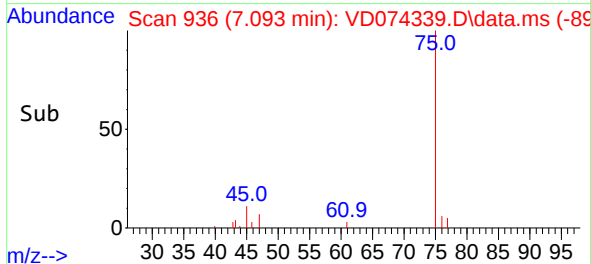
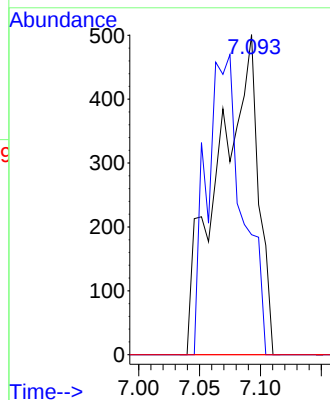
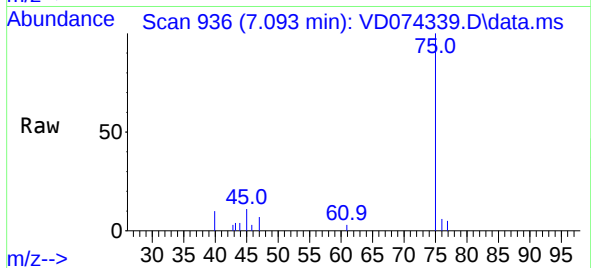
Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(18-23)

Tgt Ion: 43	Resp: 1144
Ion Ratio	Lower Upper
43 100	
61 83.8	12.1 18.1#
70 0.0	8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.295 ug/l

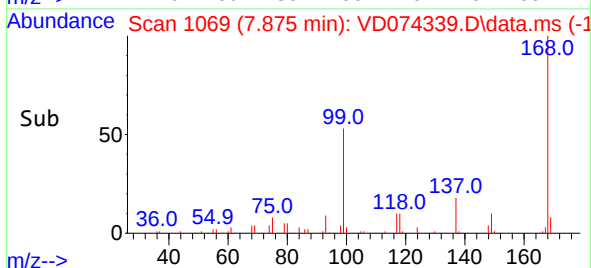
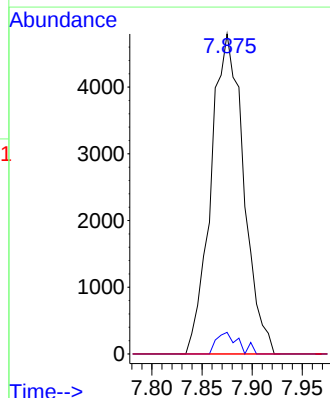
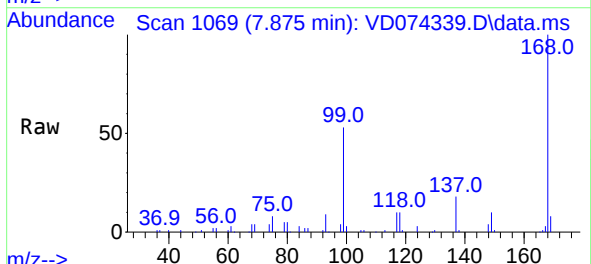
RT: 7.875 min Scan# 1069

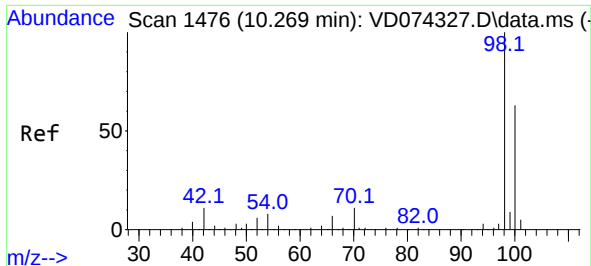
Delta R.T. -0.112 min

Lab File: VD074339.D

Acq: 16 Sep 2022 19:35

Tgt Ion: 117	Resp: 10877
Ion Ratio	Lower Upper
117 100	
119 6.8	78.8 118.2#
121 0.0	23.9 35.9#

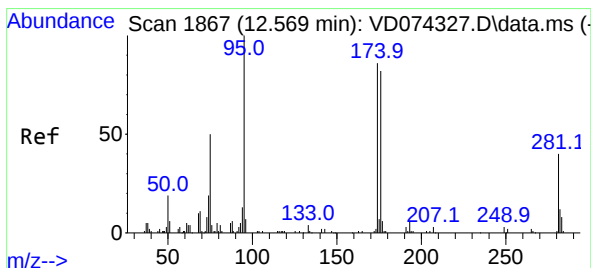
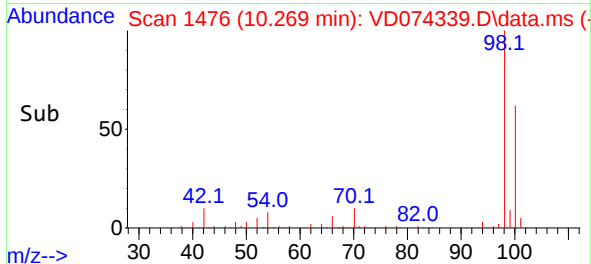
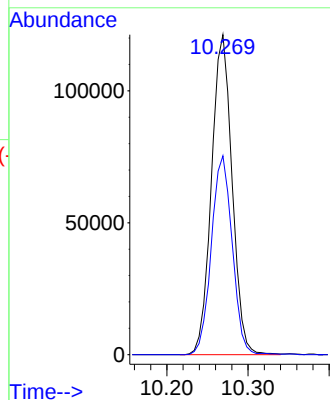
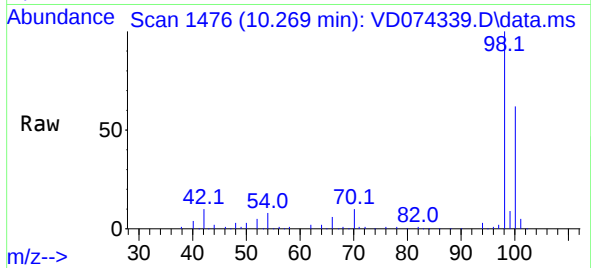




#50
Toluene-d8
Concen: 48.555 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

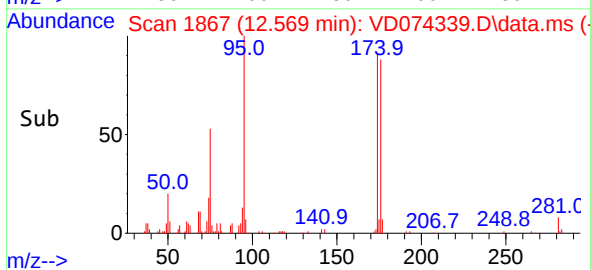
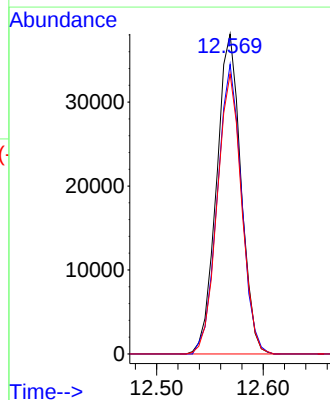
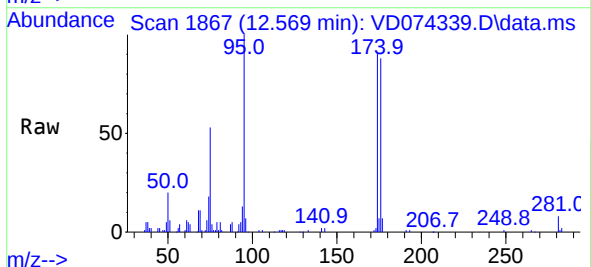
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)

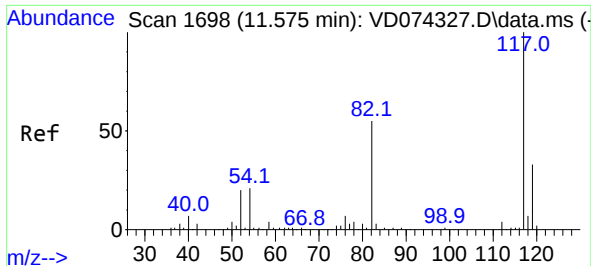
Tgt Ion: 98 Resp: 214008
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 39.228 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

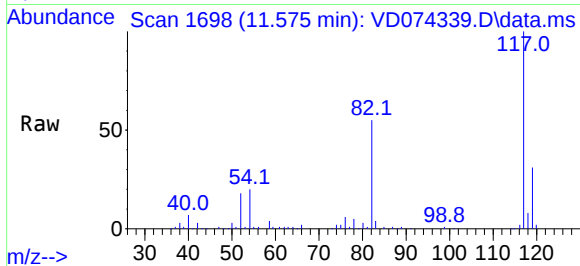
Tgt Ion: 95 Resp: 60435
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.2
176 87.4 0.0 171.4



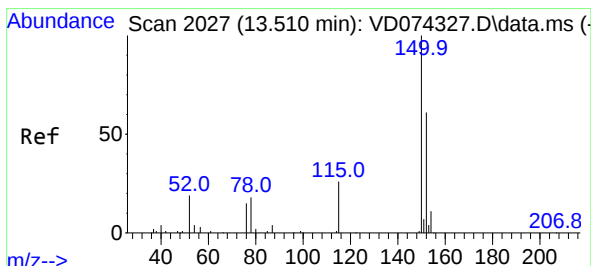
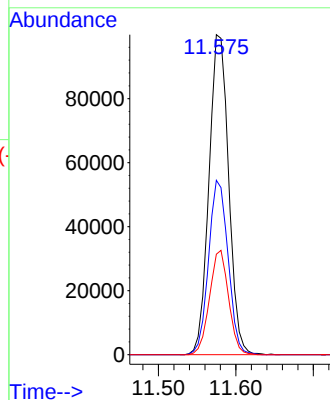
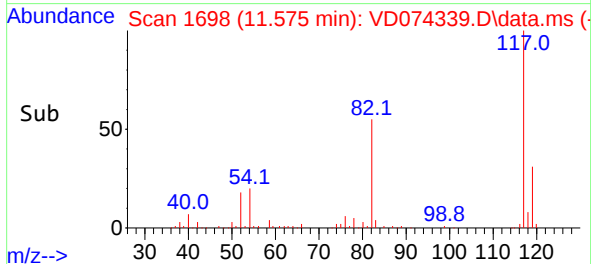


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

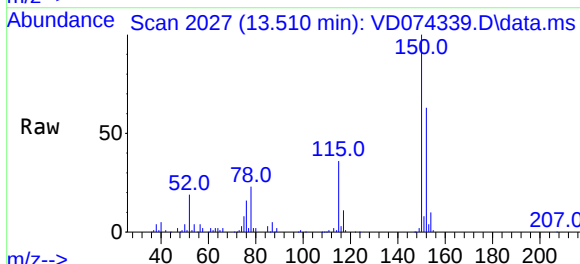
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)



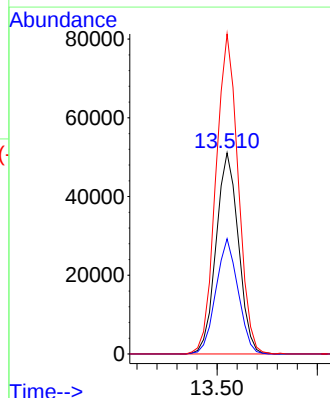
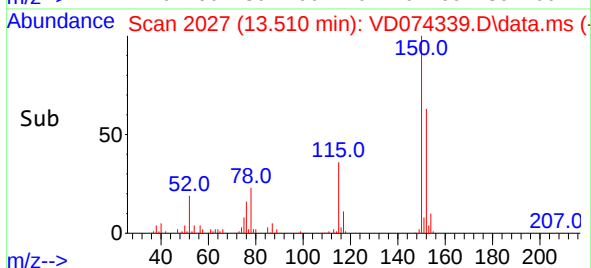
Tgt Ion:117 Resp: 176153
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.4 25.4 38.0

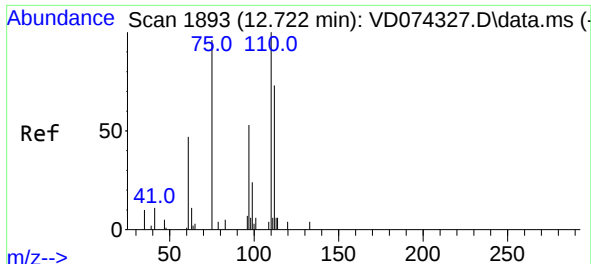


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35



Tgt Ion:152 Resp: 78909
Ion Ratio Lower Upper
152 100
115 57.0 28.4 85.2
150 158.7 0.0 351.0

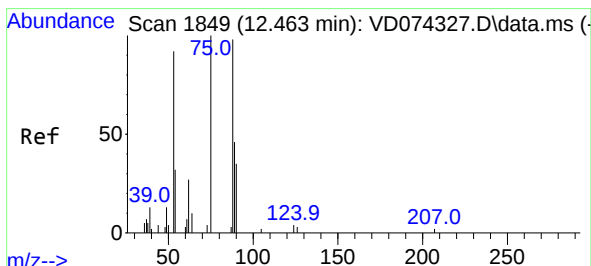
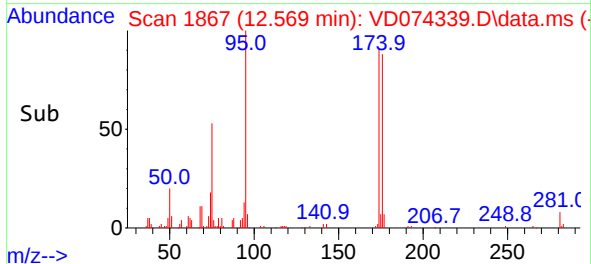
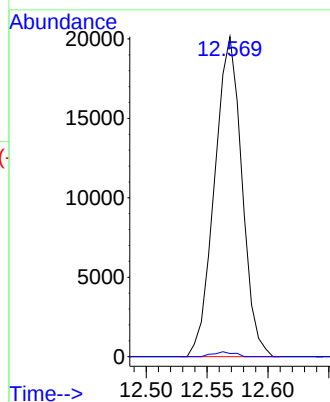
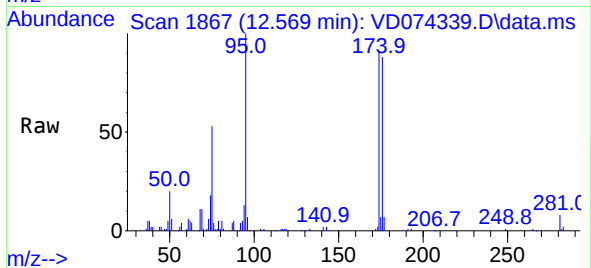




#76
1,2,3-Trichloropropane
Concen: 43.105 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)

Tgt Ion: 75 Resp: 31470
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.031 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Tgt Ion: 75 Resp: 31470
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

