

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074338.D
 Acq On : 16 Sep 2022 19:07
 Operator : VA/SY
 Sample : N4613-01
 Misc : 5.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(10-18)

Quant Time: Sep 17 04:24:11 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)

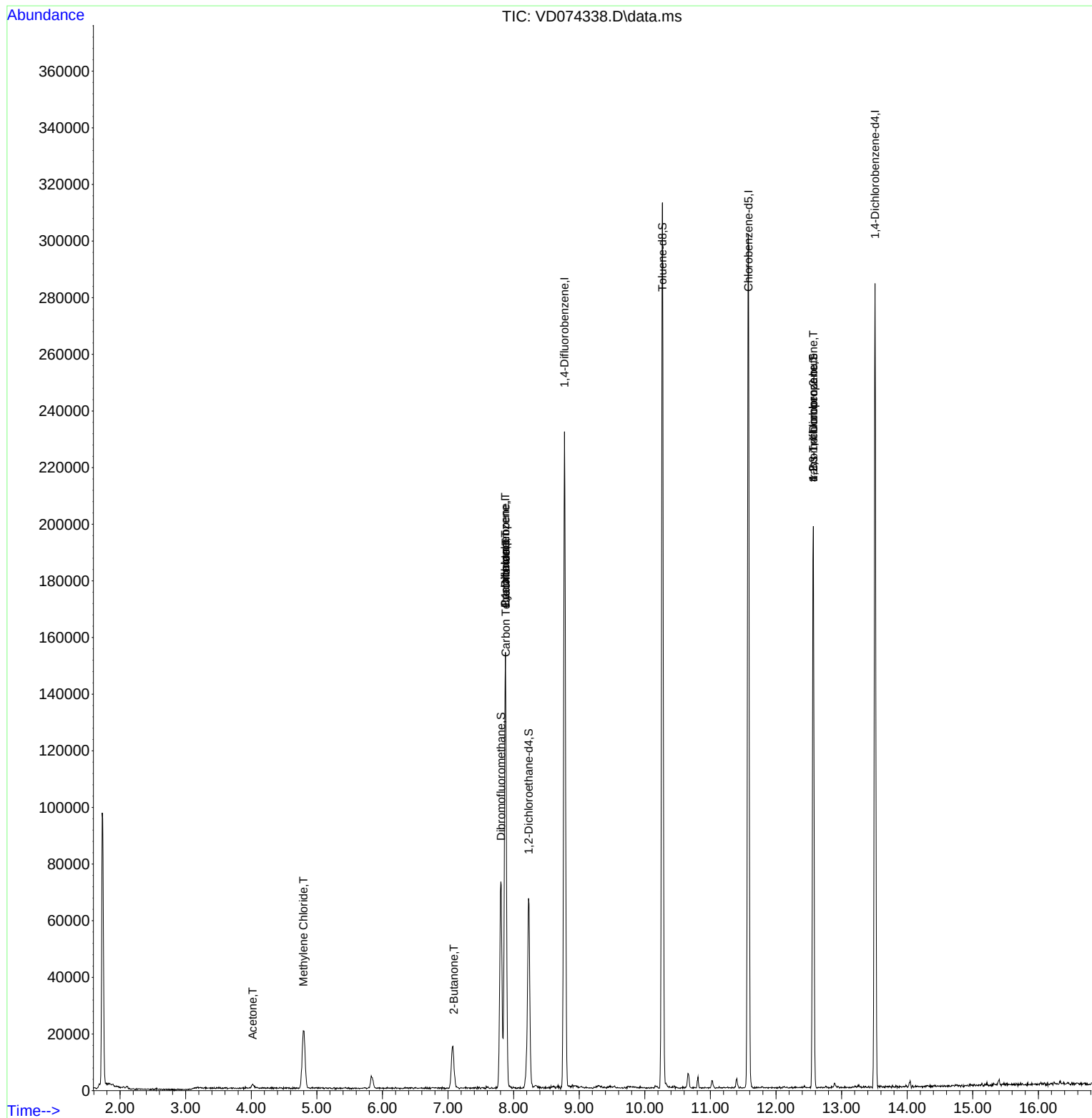
Internal Standards						
1) Pentafluorobenzene	7.875	168	118833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	202974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	75488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51388	44.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.800%
35) Dibromofluoromethane	7.810	113	54027	40.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.840%
50) Toluene-d8	10.269	98	219637	47.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.569	95	59133	36.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.520%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2402	9.211	ug/l	89
18) Methyl Acetate	4.816	43	54	Below Cal	#	51
20) Methylene Chloride	4.793	84	16904	1.938	ug/l	92
25) 2-Butanone	7.087	43	524	1.349	ug/l #	48
31) Cyclohexane	7.875	56	2575	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9499	4.655	ug/l #	50
38) Carbon Tetrachloride	7.881	117	11493	6.356	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	31653	45.320	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	31653	113.583	ug/l #	100

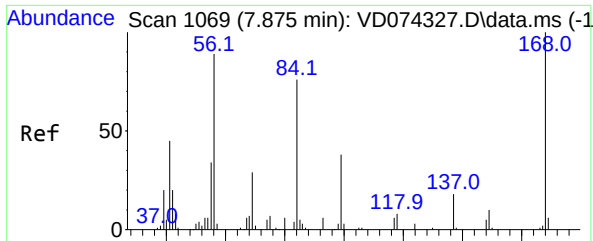
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SASP2-T-6-(10-18)

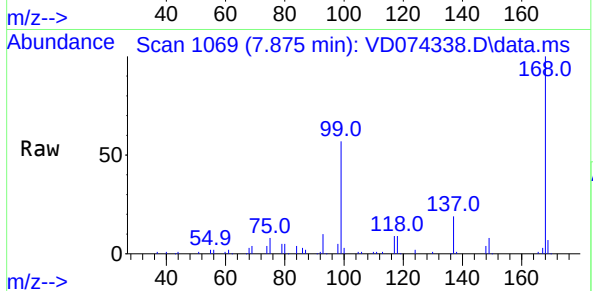
Quant Time: Sep 17 04:24:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
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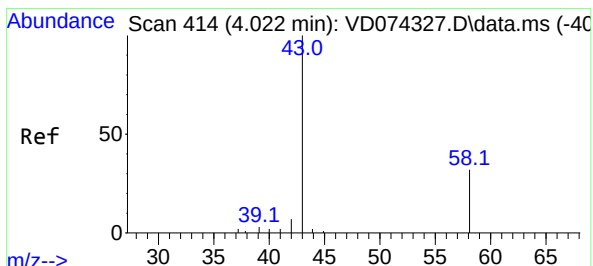
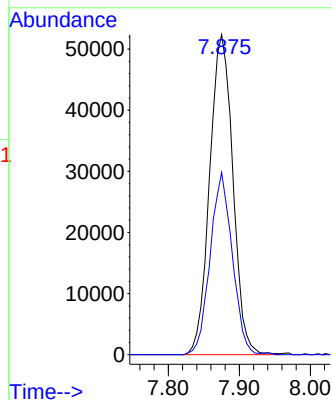
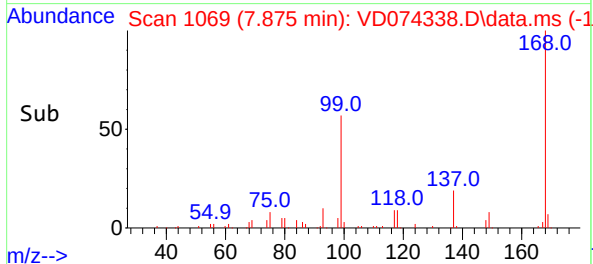


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(10-18)

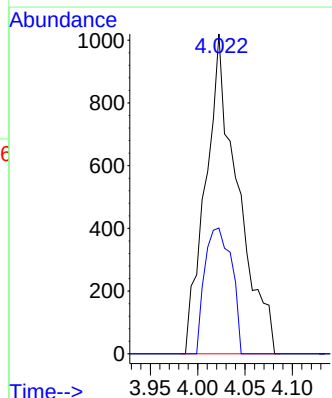
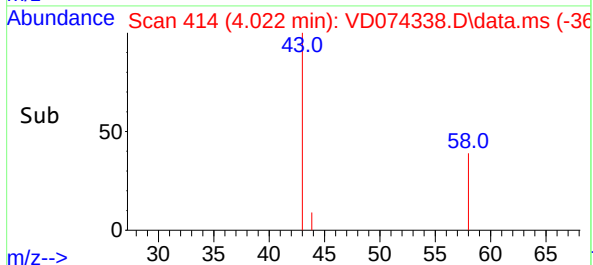
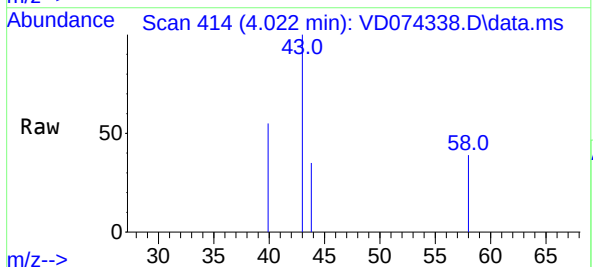


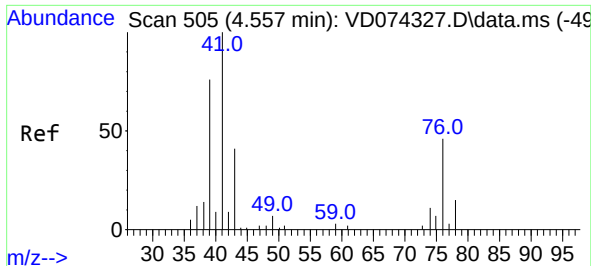
Tgt Ion:168 Resp: 118833
Ion Ratio Lower Upper
168 100
99 56.9 43.0 64.6



#16
Acetone
Concen: 9.211 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Tgt Ion: 43 Resp: 2402
Ion Ratio Lower Upper
43 100
58 39.3 26.4 39.6

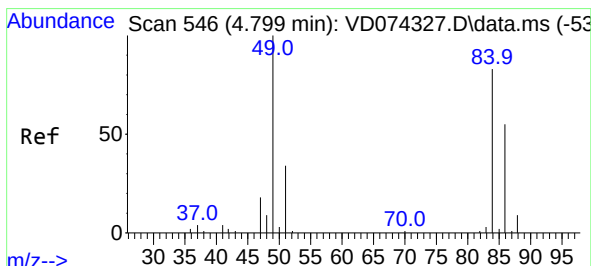
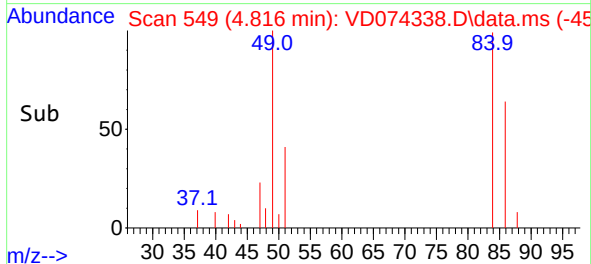
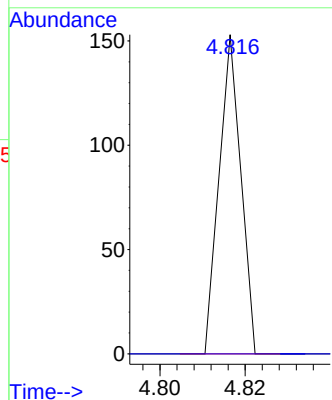
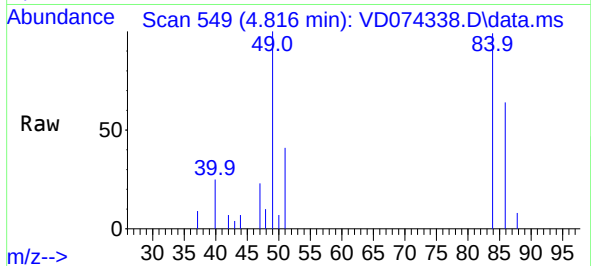




#18
Methyl Acetate
Concen: Below Cal
RT: 4.816 min Scan# 54
Delta R.T. 0.259 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

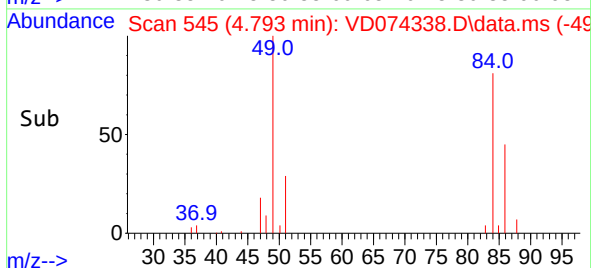
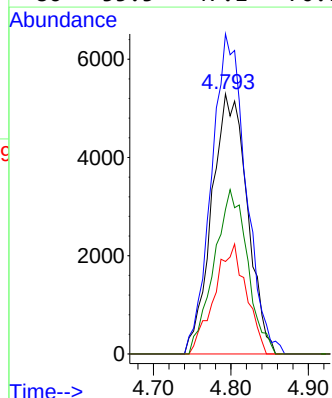
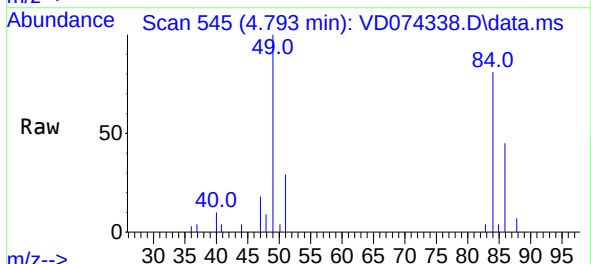
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(10-18)

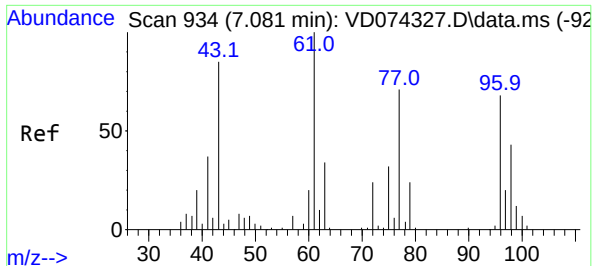
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#20
Methylene Chloride
Concen: 1.938 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Tgt Ion: 84 Resp: 16904
Ion Ratio Lower Upper
84 100
49 123.1 88.4 132.6
51 35.6 28.0 42.0
86 55.5 47.1 70.7

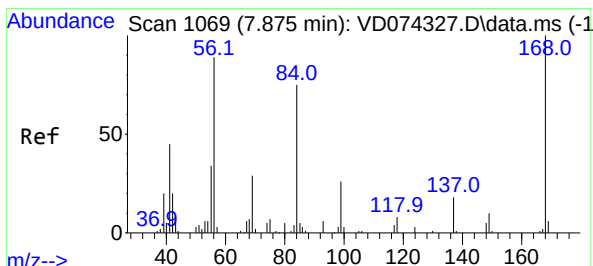
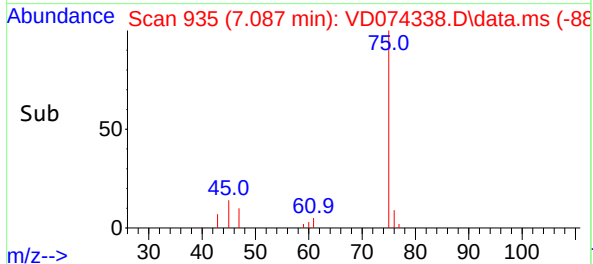
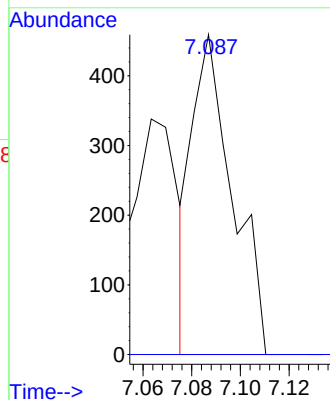
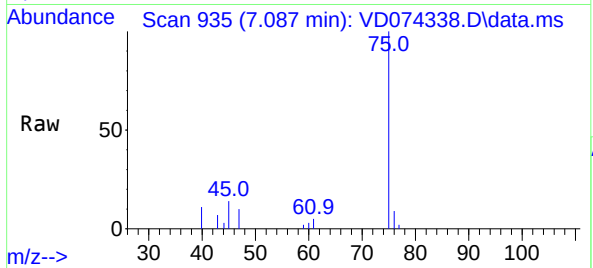




#25
2-Butanone
Concen: 1.349 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

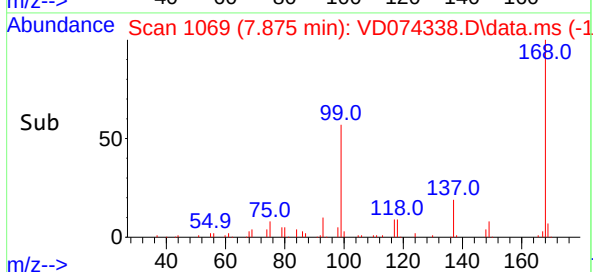
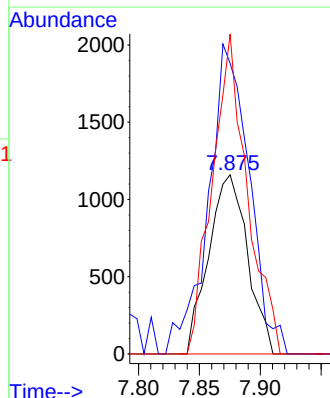
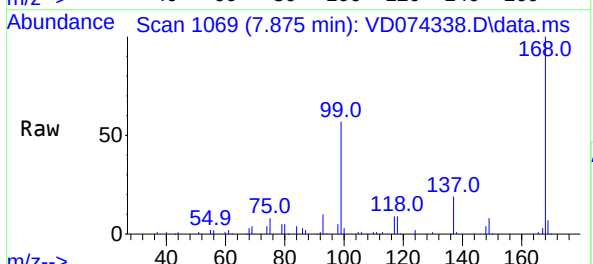
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(10-18)

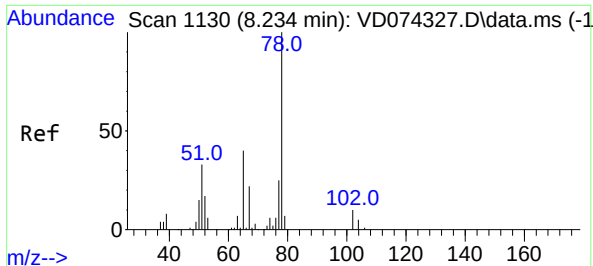
Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 148.3 25.7 38.5#
84 178.5 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 44.397 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD074338.D

Acq: 16 Sep 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

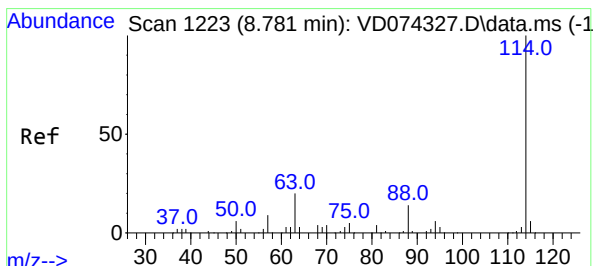
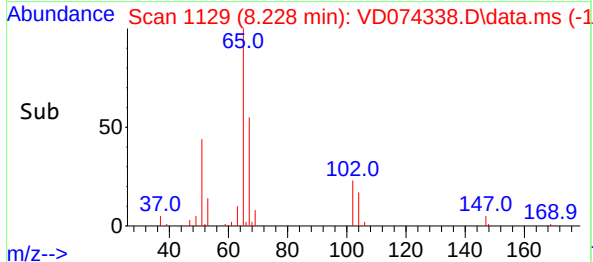
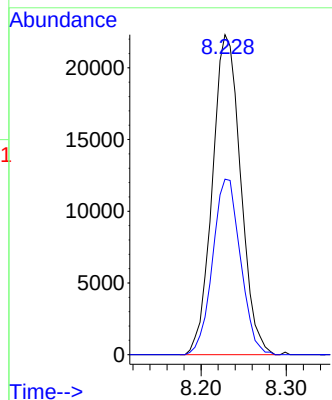
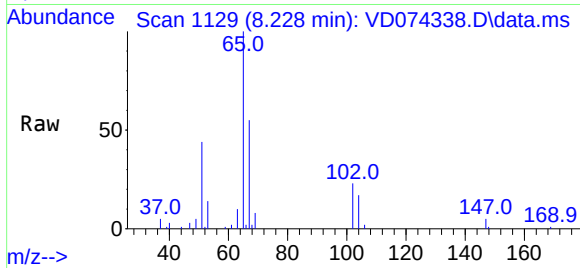
SASP2-T-6-(10-18)

Tgt Ion: 65 Resp: 51388

Ion Ratio Lower Upper

65 100

67 54.0 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: VD074338.D

Acq: 16 Sep 2022 19:07

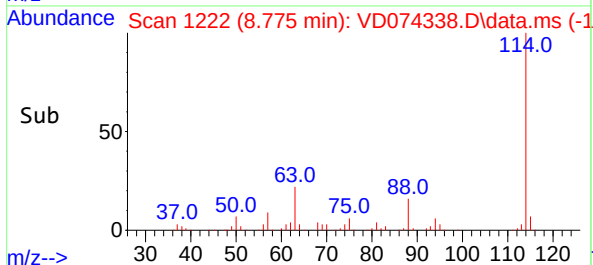
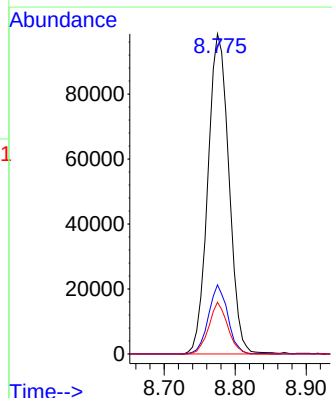
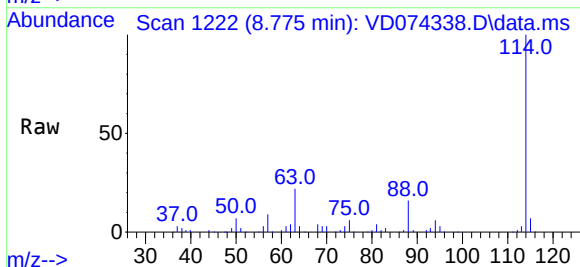
Tgt Ion: 114 Resp: 202974

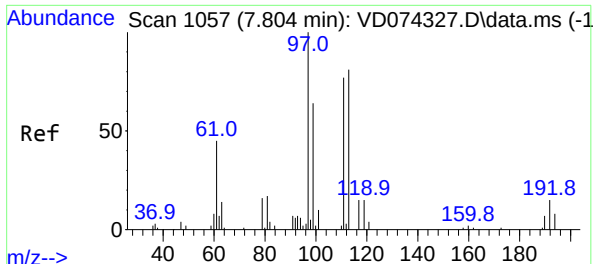
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.6

88 16.2 0.0 28.4





#35

Dibromofluoromethane

Concen: 40.415 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074338.D

Acq: 16 Sep 2022 19:07

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(10-18)

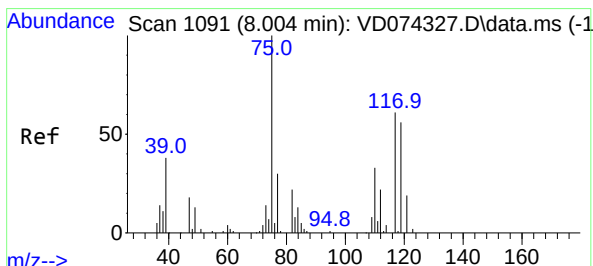
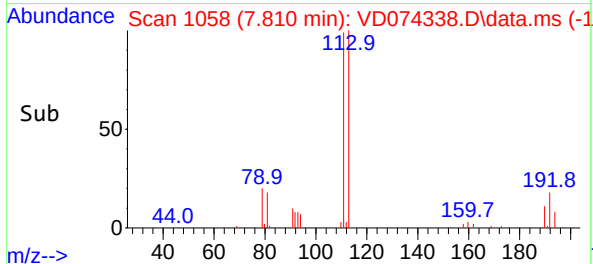
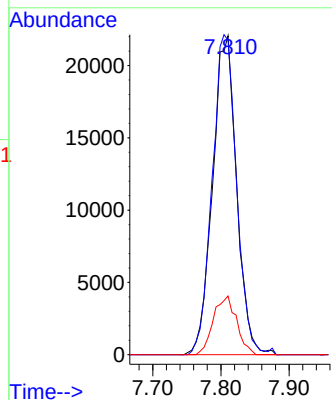
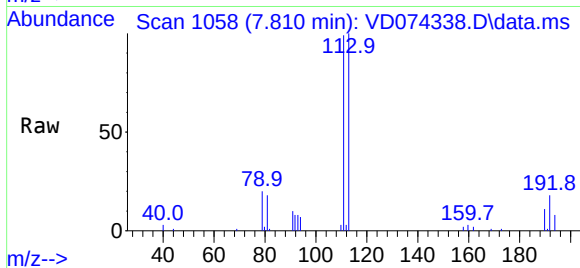
Tgt Ion:113 Resp: 54027

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 17.8 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074338.D

Acq: 16 Sep 2022 19:07

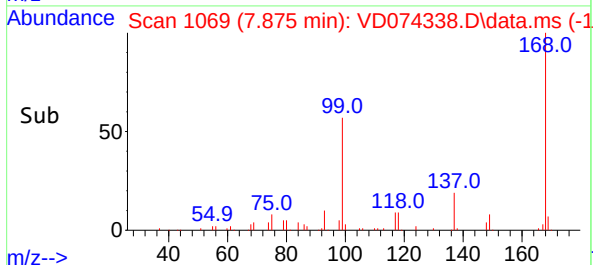
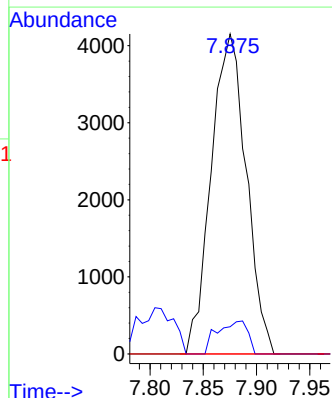
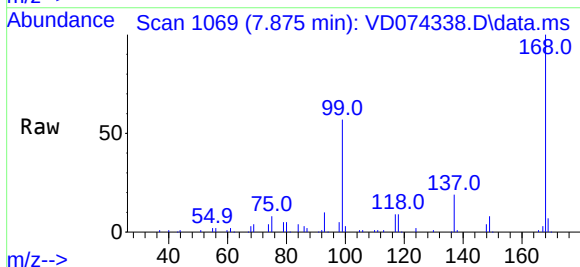
Tgt Ion: 75 Resp: 9499

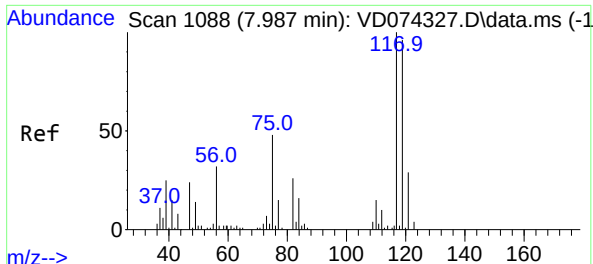
Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.5#

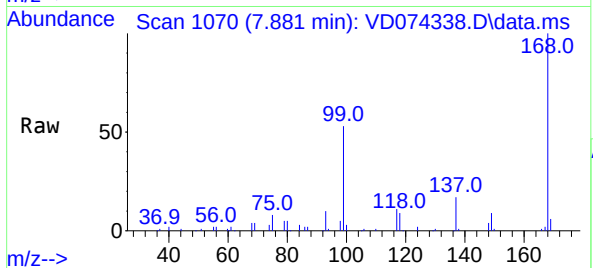
77 0.0 24.8 37.2#



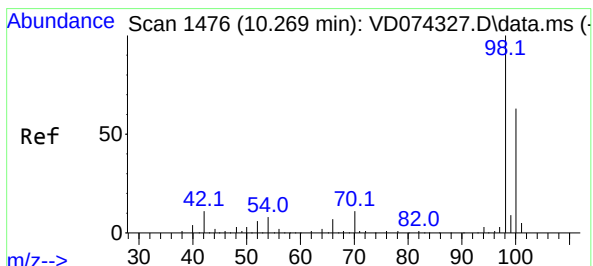
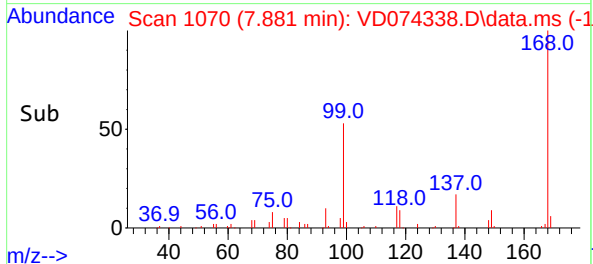
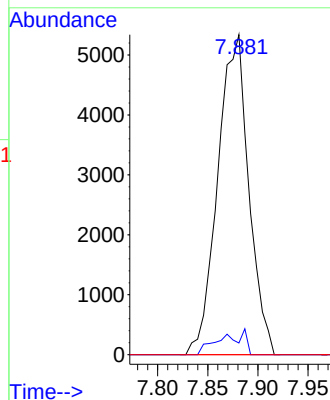


#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(10-18)

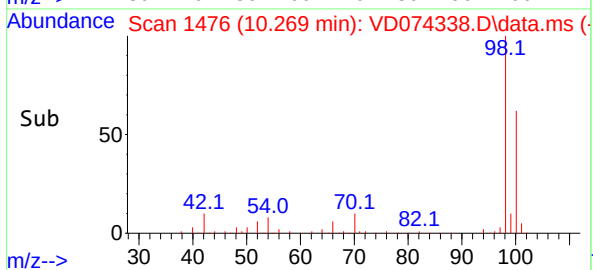
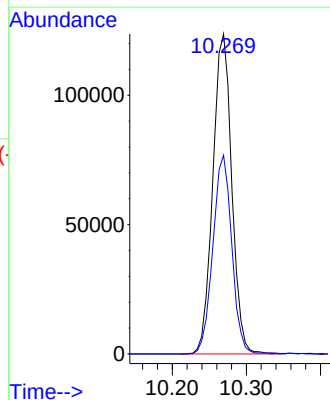
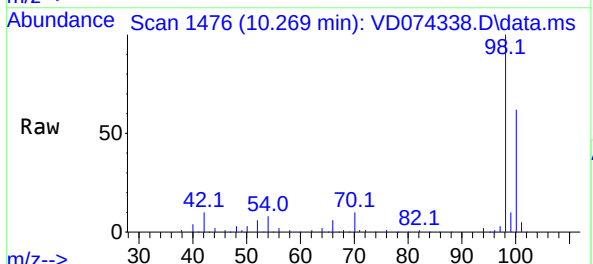


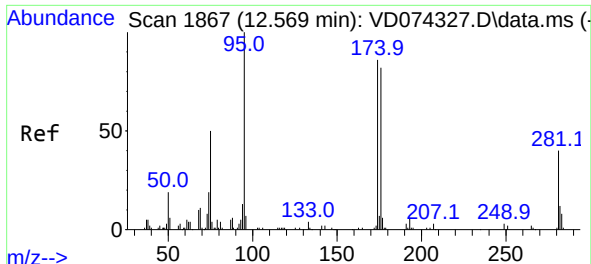
Tgt Ion:117 Resp: 11493
Ion Ratio Lower Upper
117 100
119 3.7 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.617 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Tgt Ion: 98 Resp: 219637
Ion Ratio Lower Upper
98 100
100 61.8 51.8 77.8

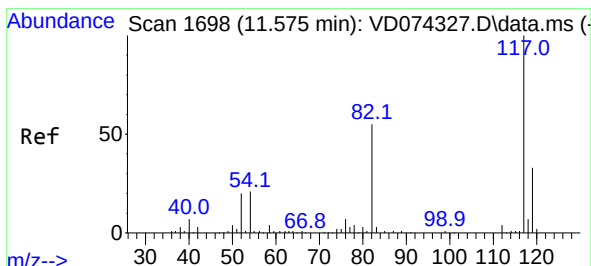
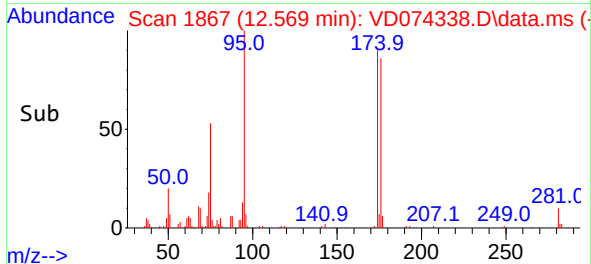
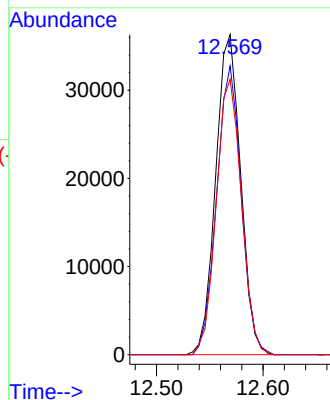
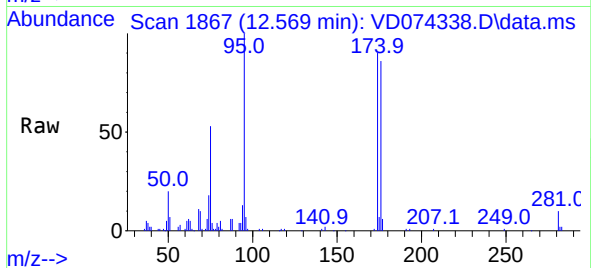




#62
4-Bromofluorobenzene
Concen: 36.257 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

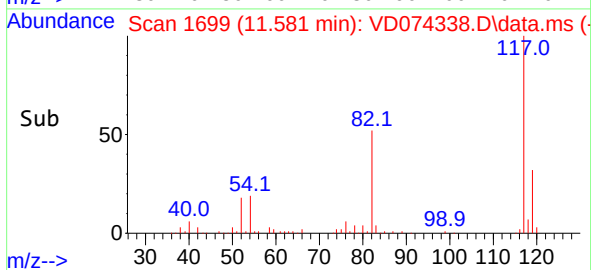
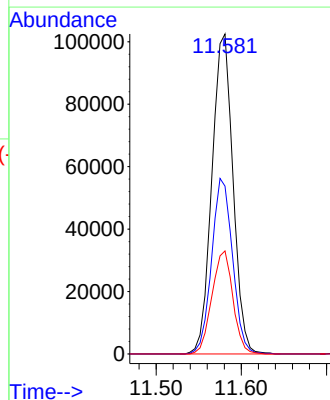
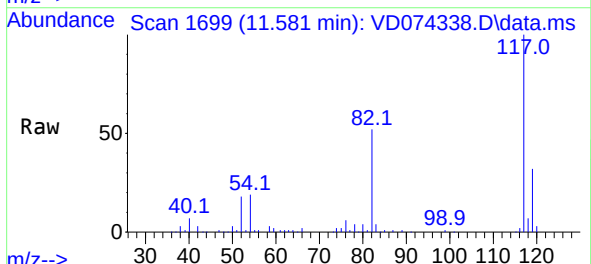
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(10-18)

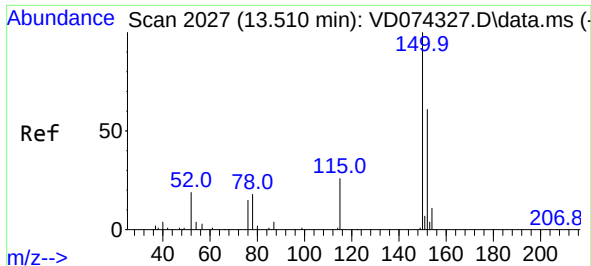
Tgt Ion: 95 Resp: 59133
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 86.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Tgt Ion: 117 Resp: 176342
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.2 25.4 38.0

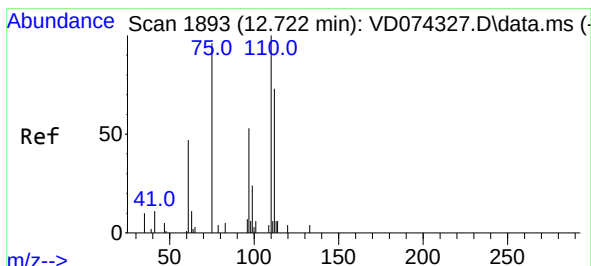
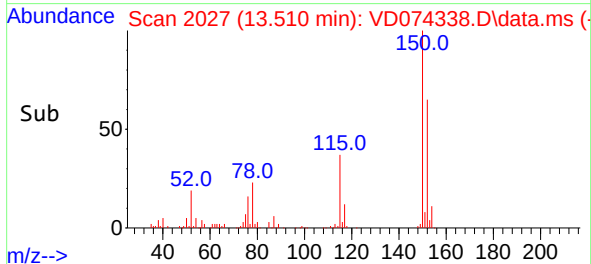
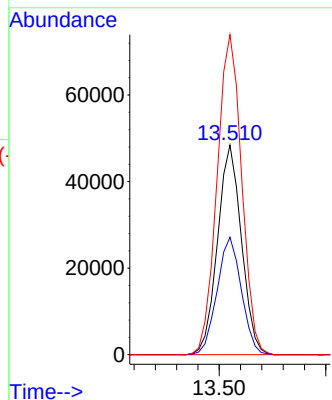
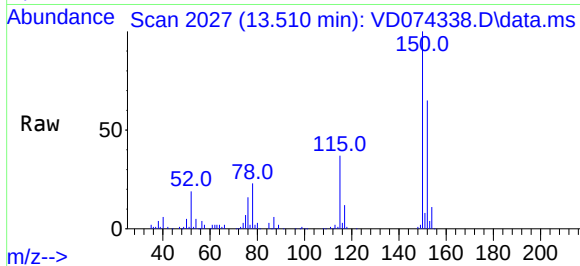




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

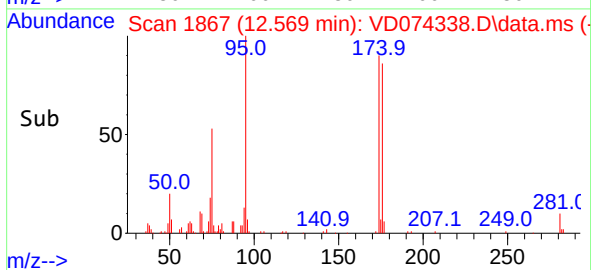
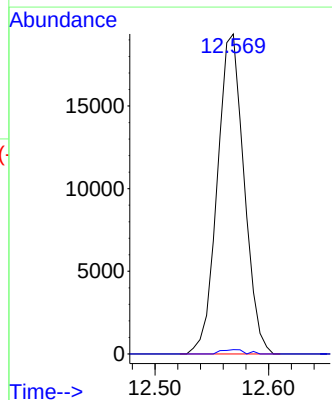
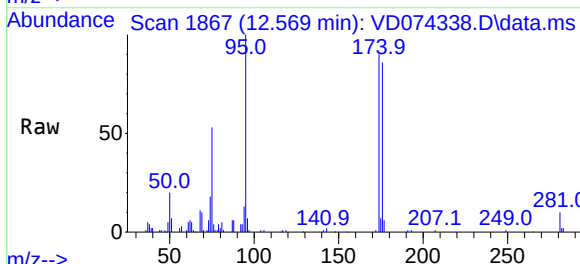
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(10-18)

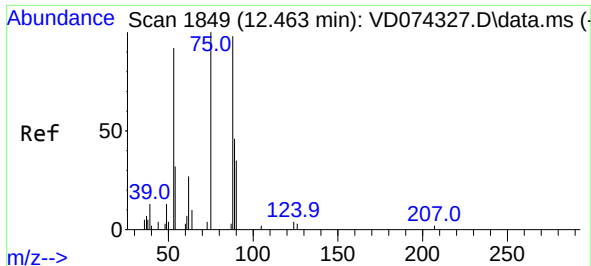
Tgt Ion:152 Resp: 75488
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 157.0 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 45.320 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Tgt Ion: 75 Resp: 31653
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.583 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074338.D
Acq: 16 Sep 2022 19:07

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(10-18)

Tgt Ion: 75 Resp: 31653
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

