

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074205.D
 Acq On : 24 Aug 2022 02:29
 Operator : VA/SY
 Sample : N4260-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(16-22)

Quant Time: Aug 24 06:26:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

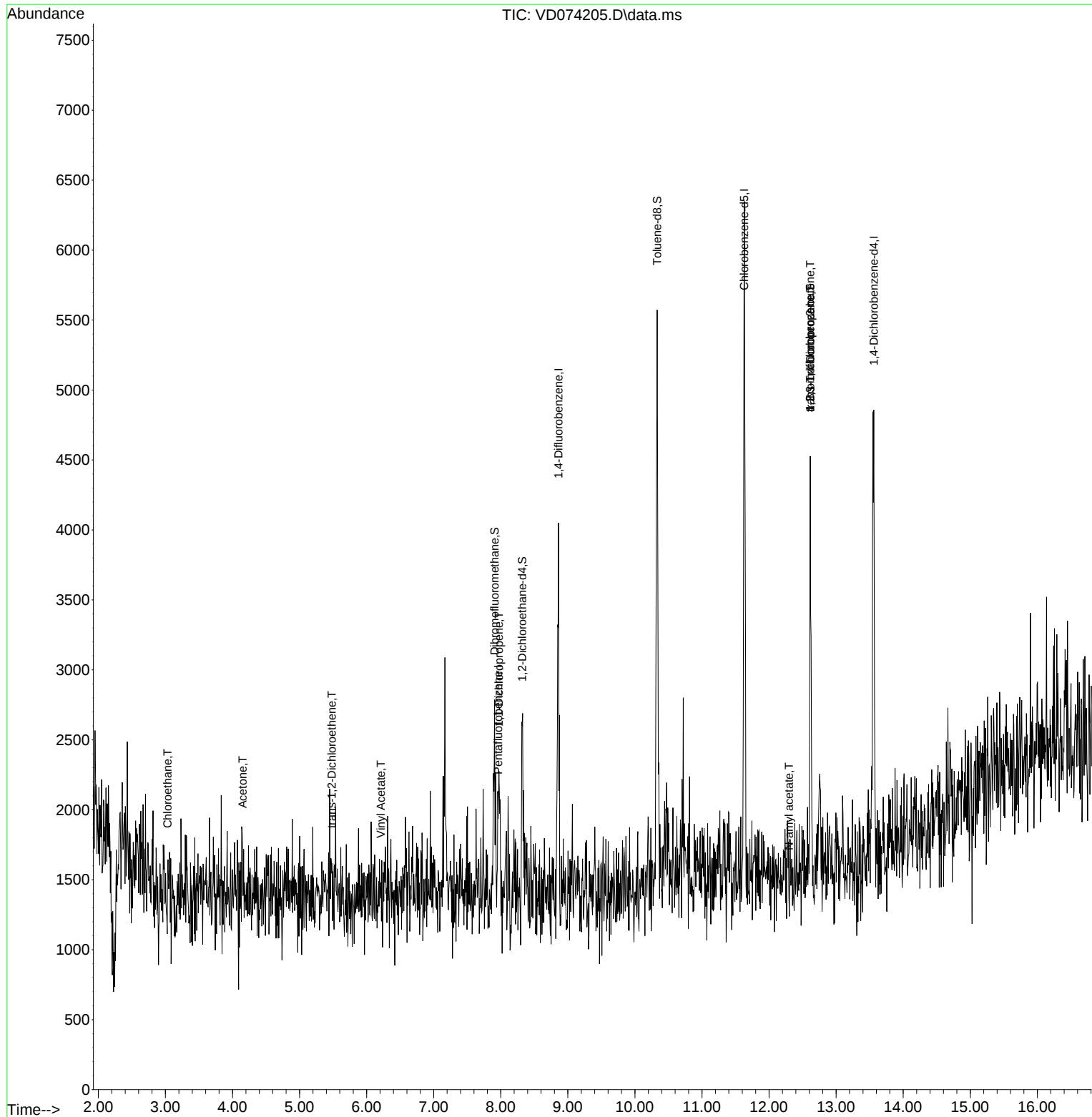
Internal Standards						
1) Pentafluorobenzene	7.961	168	461	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	2376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	2951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1276	270.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	541.740%#
35) Dibromofluoromethane	7.908	113	1113	70.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.060%
50) Toluene-d8	10.332	98	2952	57.713	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.420%
62) 4-Bromofluorobenzene	12.614	95	1062	52.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.120%
Target Compounds						Qvalue
6) Chloroethane	3.032	64	56	29.823	ug/l #	42
16) Acetone	4.150	43	203	226.189	ug/l #	47
21) trans-1,2-Dichloroethene	5.479	96	55	10.341	ug/l #	1
23) Vinyl Acetate	6.214	43	64	17.531	ug/l #	75
36) 1,1-Dichloropropene	7.973	75	54	2.248	ug/l #	43
74) N-amyl acetate	12.296	43	74	3.870	ug/l #	45
76) 1,2,3-Trichloropropane	12.614	75	444	37.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	444	96.324	ug/l #	7

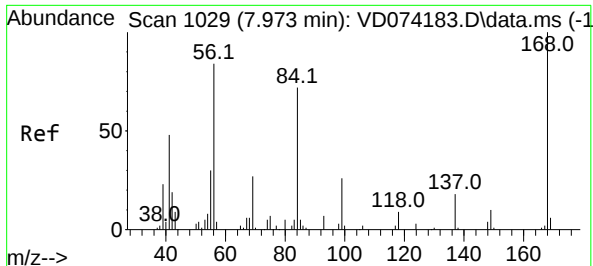
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SASP2-T-4-(16-22)

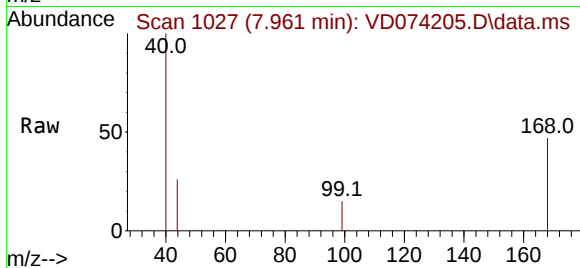
Quant Time: Aug 24 06:26:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
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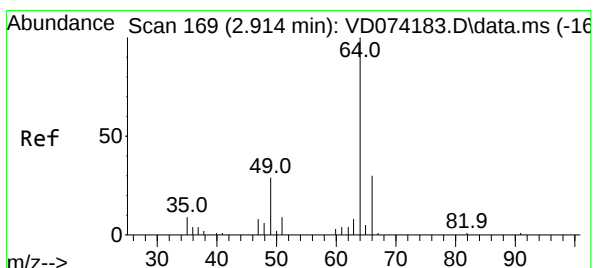
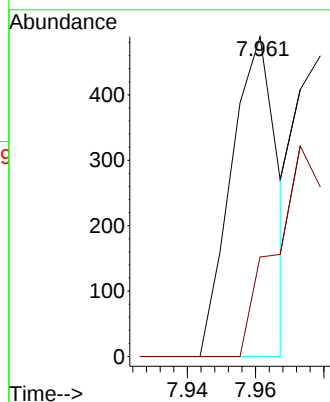
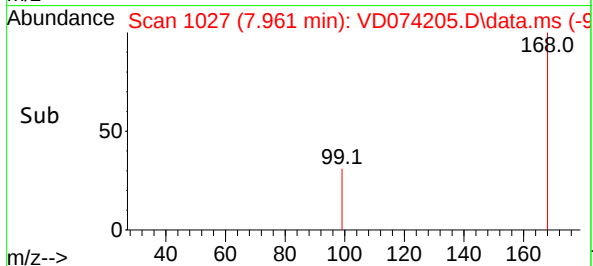


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(16-22)

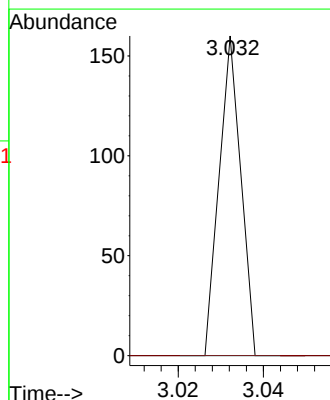
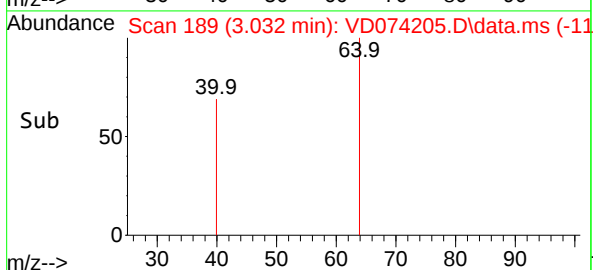
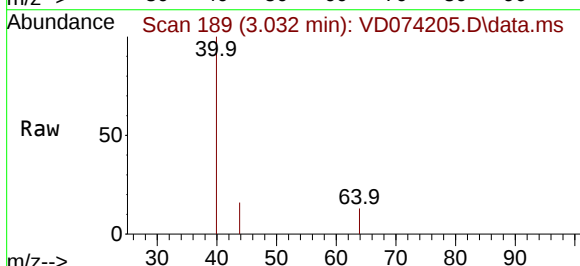


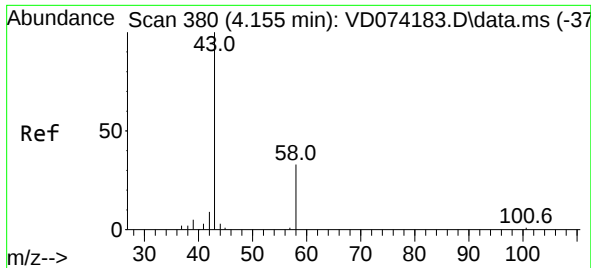
Tgt Ion:168 Resp: 461
Ion Ratio Lower Upper
168 100
99 31.1 49.8 74.6#



#6
Chloroethane
Concen: 29.823 ug/l
RT: 3.032 min Scan# 189
Delta R.T. 0.118 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

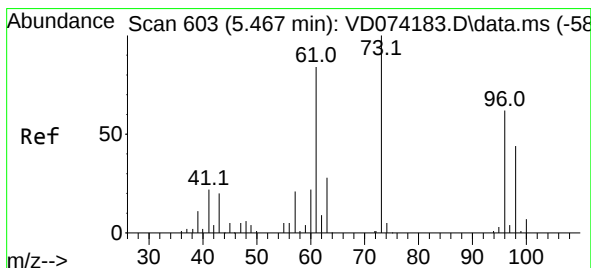
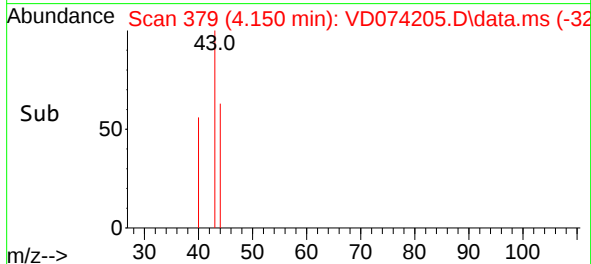
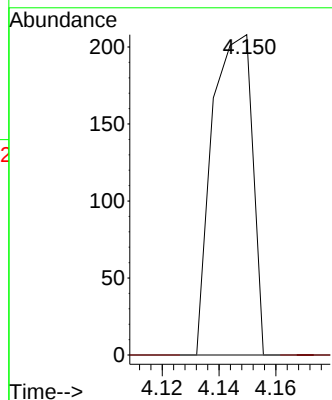
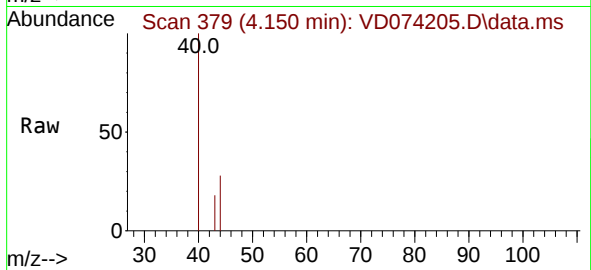




#16
Acetone
Concen: 226.189 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

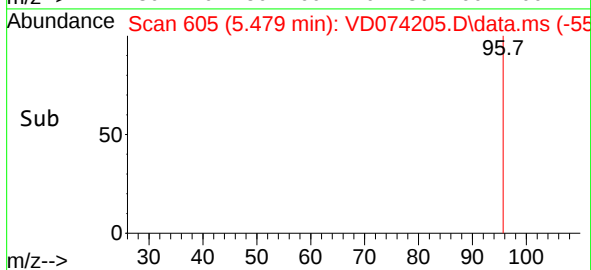
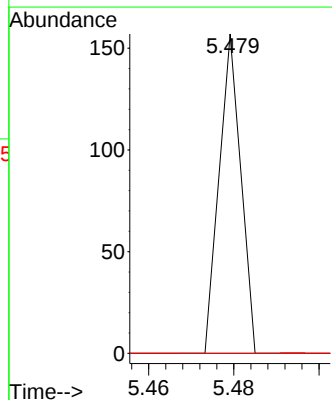
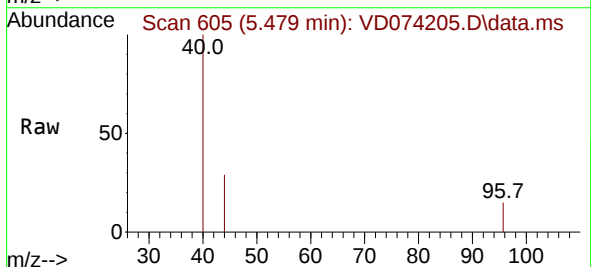
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(16-22)

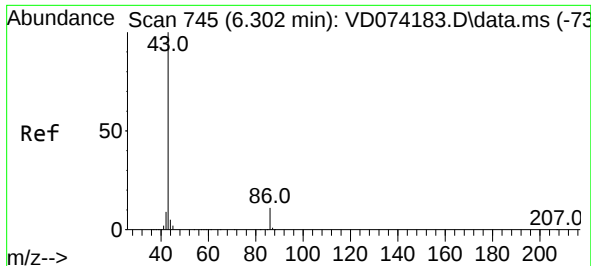
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#21
trans-1,2-Dichloroethene
Concen: 10.341 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.012 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#

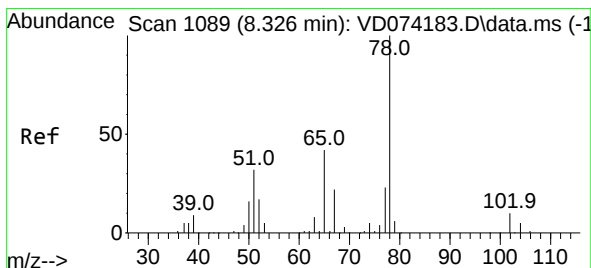
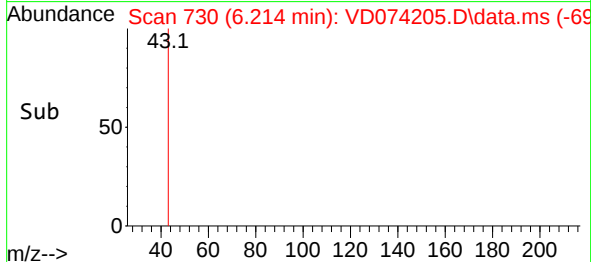
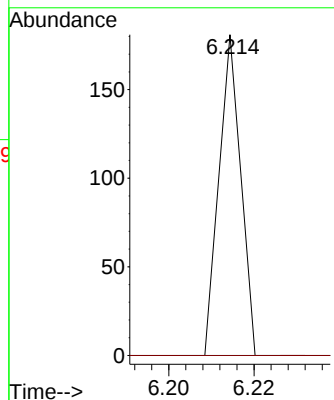
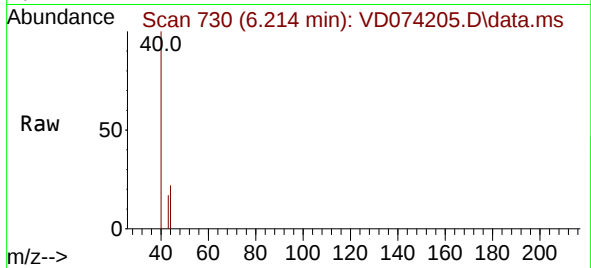




#23
 Vinyl Acetate
 Concen: 17.531 ug/l
 RT: 6.214 min Scan# 71
 Delta R.T. -0.088 min
 Lab File: VD074205.D
 Acq: 24 Aug 2022 02:29

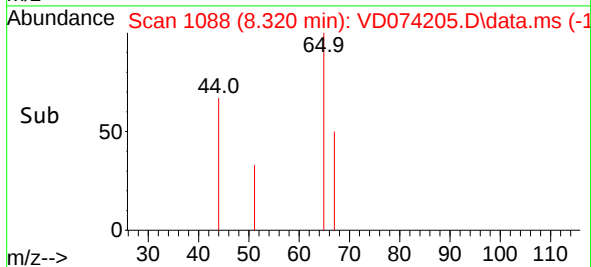
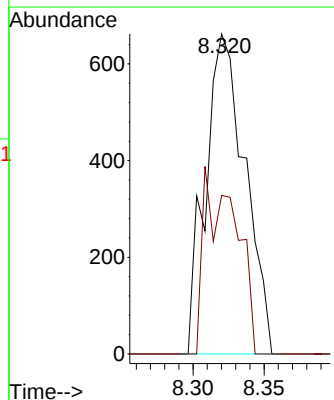
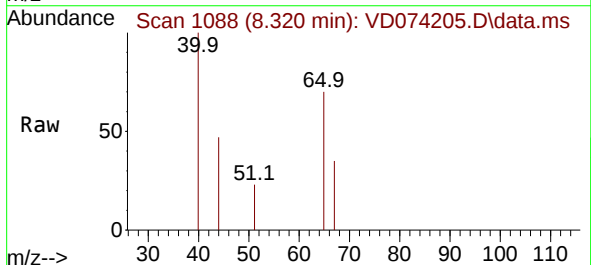
Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(16-22)

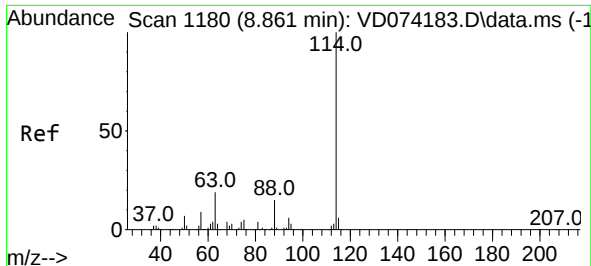
Tgt Ion: 43 Resp: 64
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#33
 1,2-Dichloroethane-d4
 Concen: 270.872 ug/l
 RT: 8.320 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: VD074205.D
 Acq: 24 Aug 2022 02:29

Tgt Ion: 65 Resp: 1276
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD074205.D

Acq: 24 Aug 2022 02:29

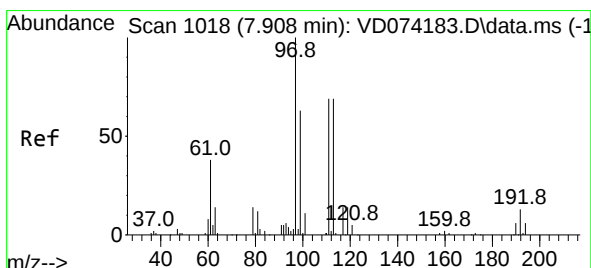
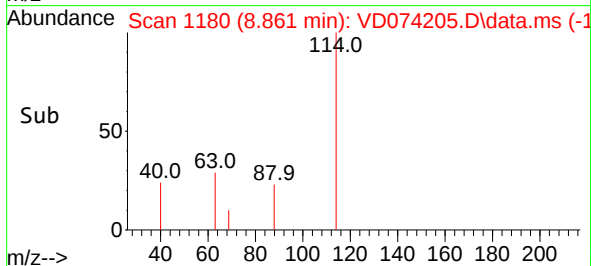
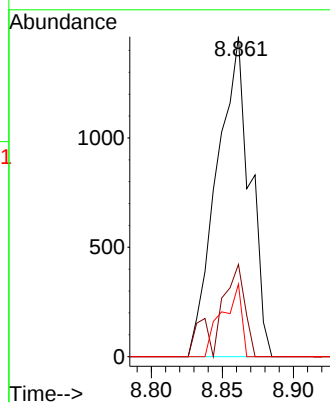
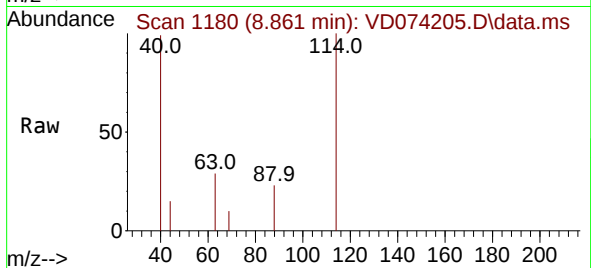
Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(16-22)

Tgt Ion:114	Resp:	2376
Ion	Ratio	Lower Upper
114	100	
63	28.8	0.0 46.6
88	22.7	0.0 33.2



#35

Dibromofluoromethane

Concen: 70.032 ug/l

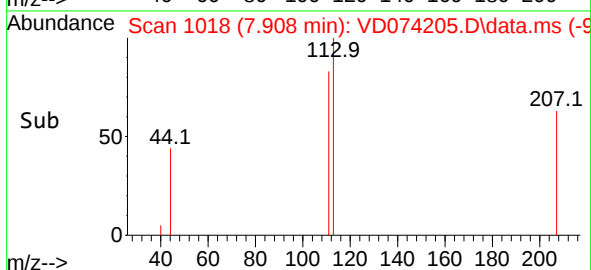
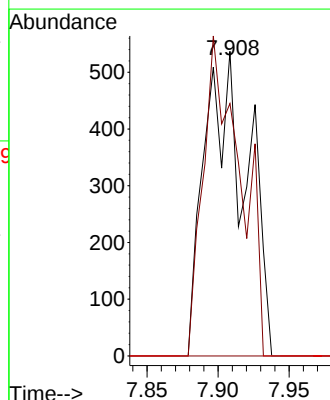
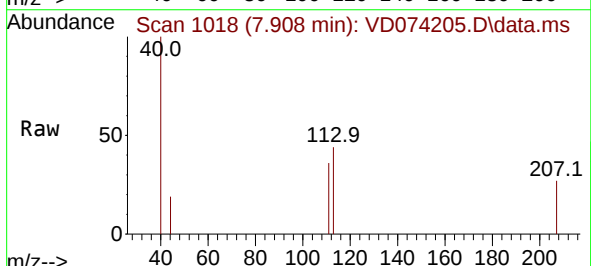
RT: 7.908 min Scan# 1018

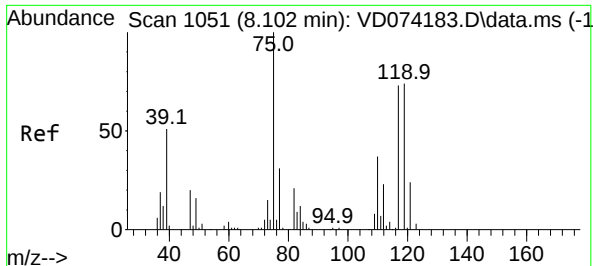
Delta R.T. 0.000 min

Lab File: VD074205.D

Acq: 24 Aug 2022 02:29

Tgt Ion:113	Resp:	1113
Ion	Ratio	Lower Upper
113	100	
111	92.0	83.8 125.6
192	0.0	14.6 21.8





#36

1,1-Dichloropropene

Concen: 2.248 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD074205.D

Acq: 24 Aug 2022 02:29

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(16-22)

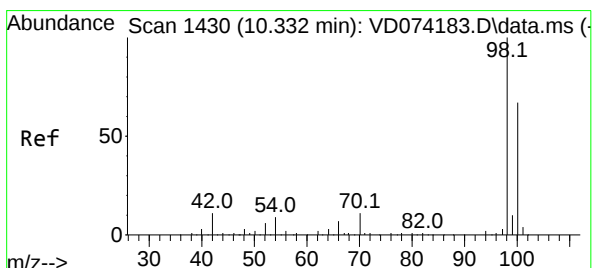
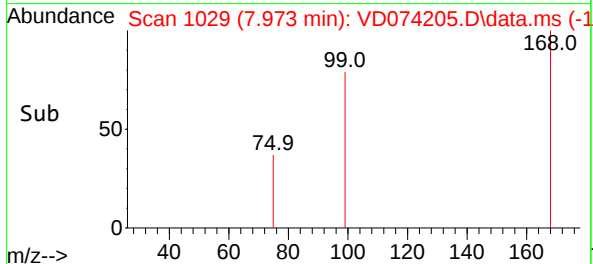
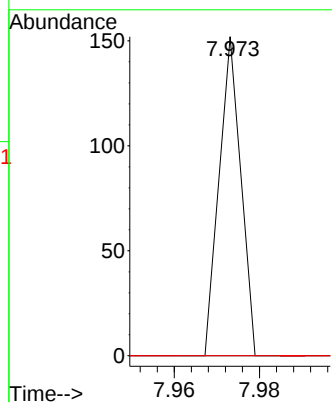
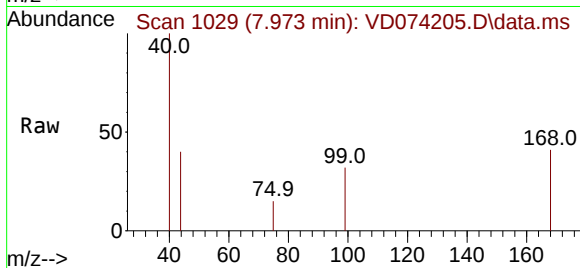
Tgt Ion: 75 Resp: 54

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 57.713 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074205.D

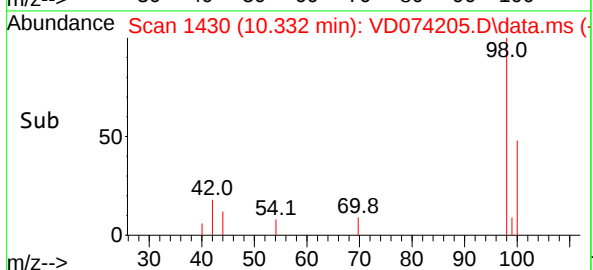
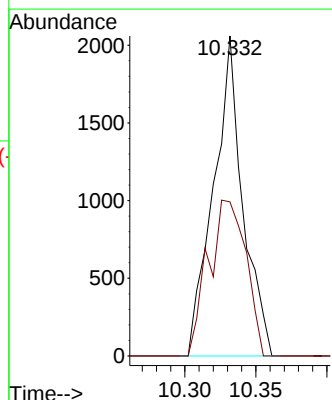
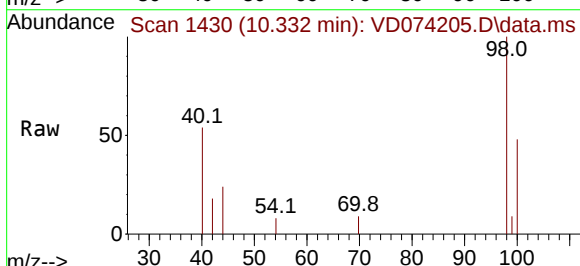
Acq: 24 Aug 2022 02:29

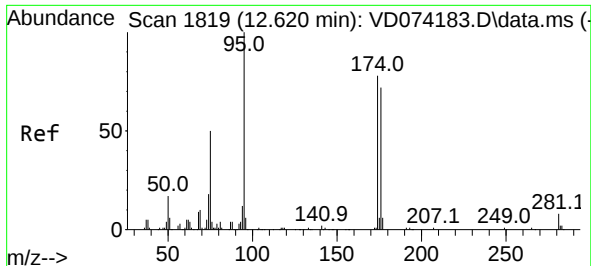
Tgt Ion: 98 Resp: 2952

Ion Ratio Lower Upper

98 100

100 62.5 52.4 78.6

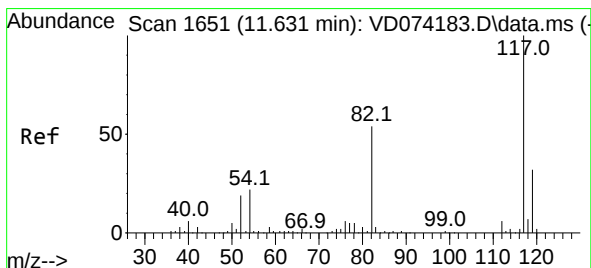
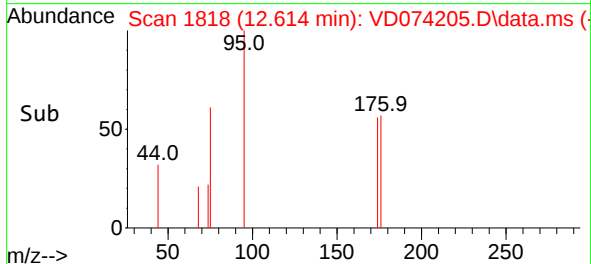
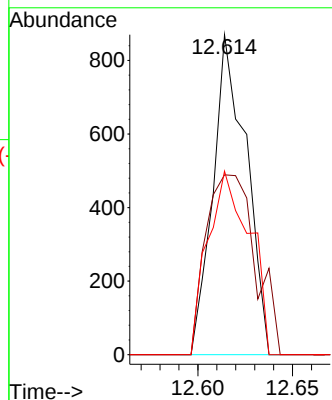
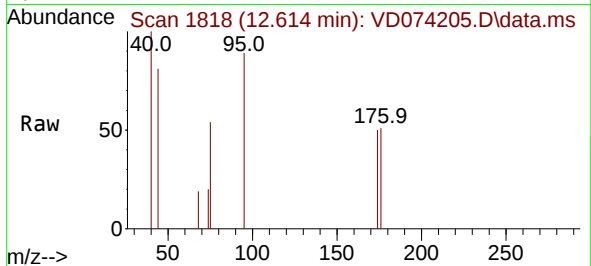




#62
4-Bromofluorobenzene
Concen: 52.557 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

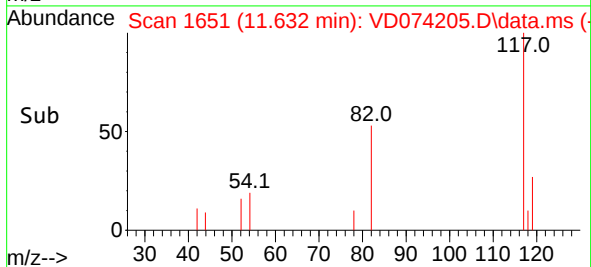
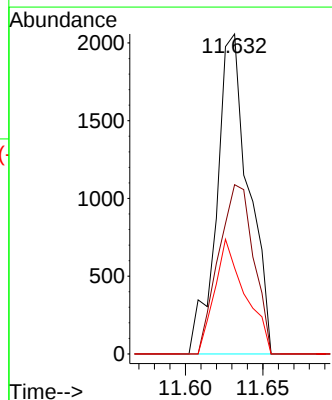
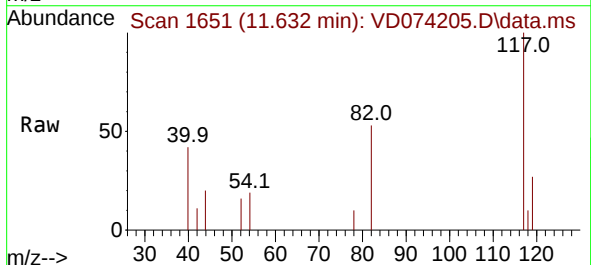
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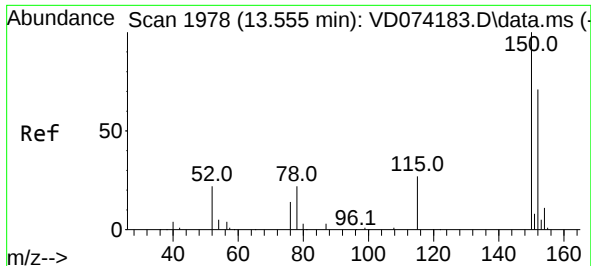
Tgt Ion: 95 Resp: 1062
Ion Ratio Lower Upper
95 100
174 83.1 0.0 152.8
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

Tgt Ion: 117 Resp: 2951
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 26.9 26.6 40.0

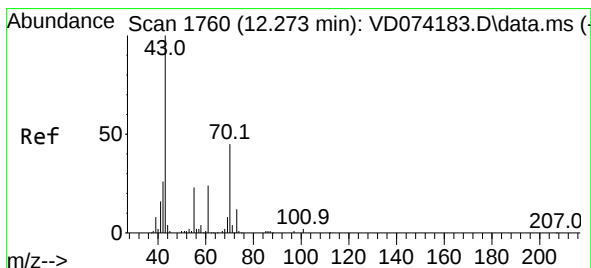
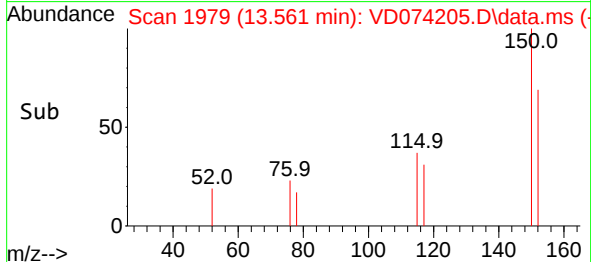
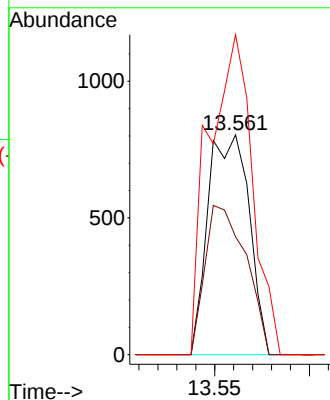
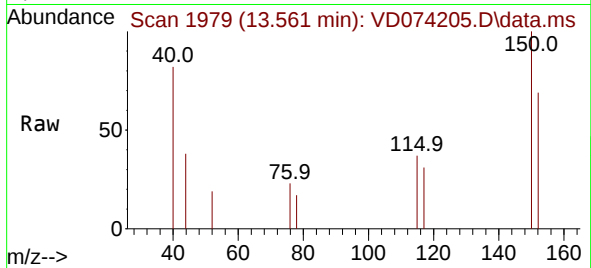




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1978
Delta R.T. 0.006 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

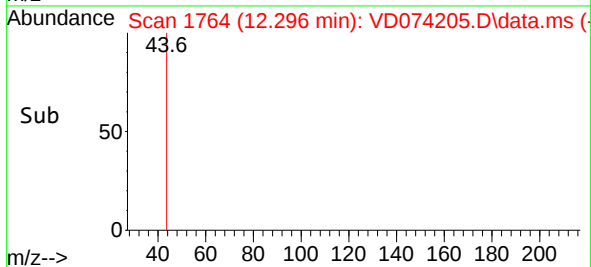
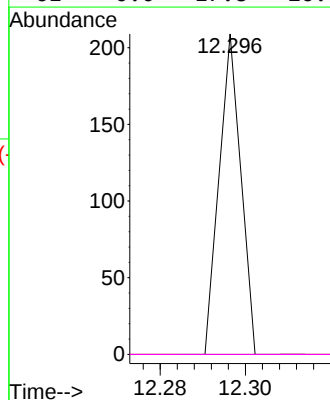
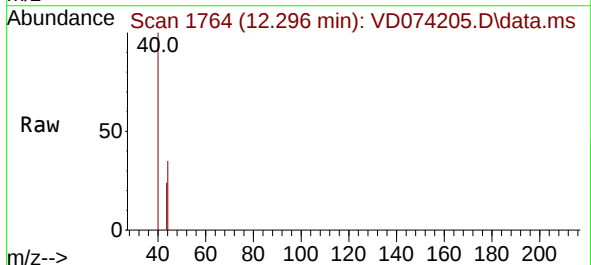
Instrument :
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SASP2-T-4-(16-22)

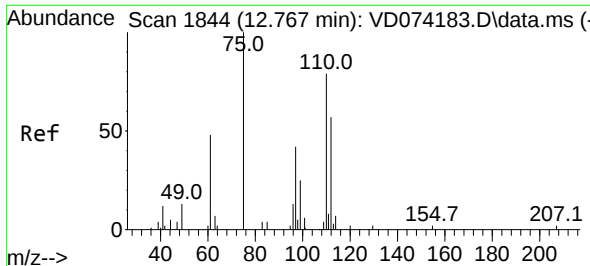
Tgt Ion:152 Resp: 1214
Ion Ratio Lower Upper
152 100
115 67.5 31.3 93.8
150 153.6 0.0 348.6



#74
N-ethyl acetate
Concen: 3.870 ug/l
RT: 12.296 min Scan# 1764
Delta R.T. 0.023 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
70 0.0 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

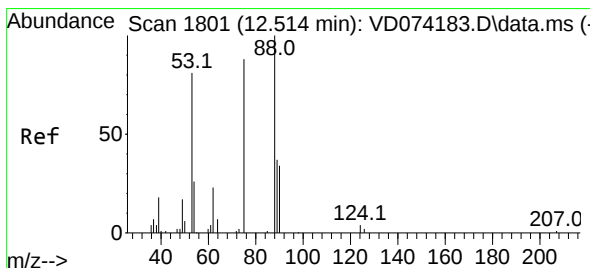
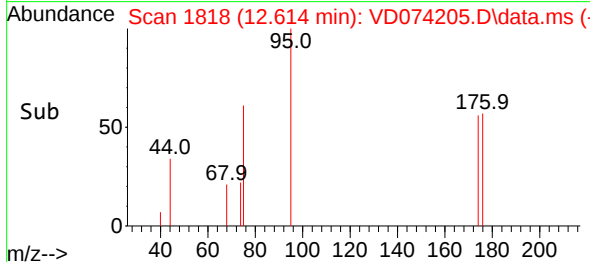
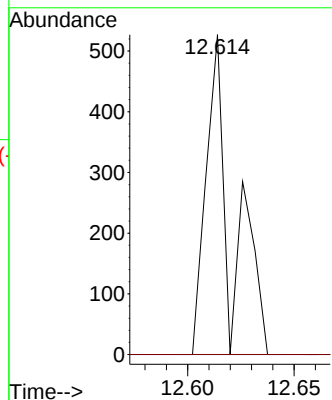
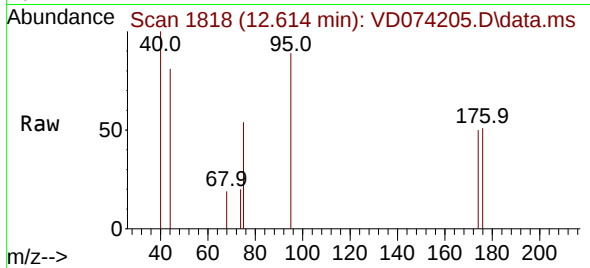




#76
1,2,3-Trichloropropane
Concen: 37.456 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(16-22)

Tgt Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 96.324 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074205.D
Acq: 24 Aug 2022 02:29

Tgt Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

