

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074222.D
 Acq On : 24 Aug 2022 14:38
 Operator : VA/SY
 Sample : N4260-03
 Misc : 3.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(10-16)RE

Quant Time: Aug 25 05:02:58 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)

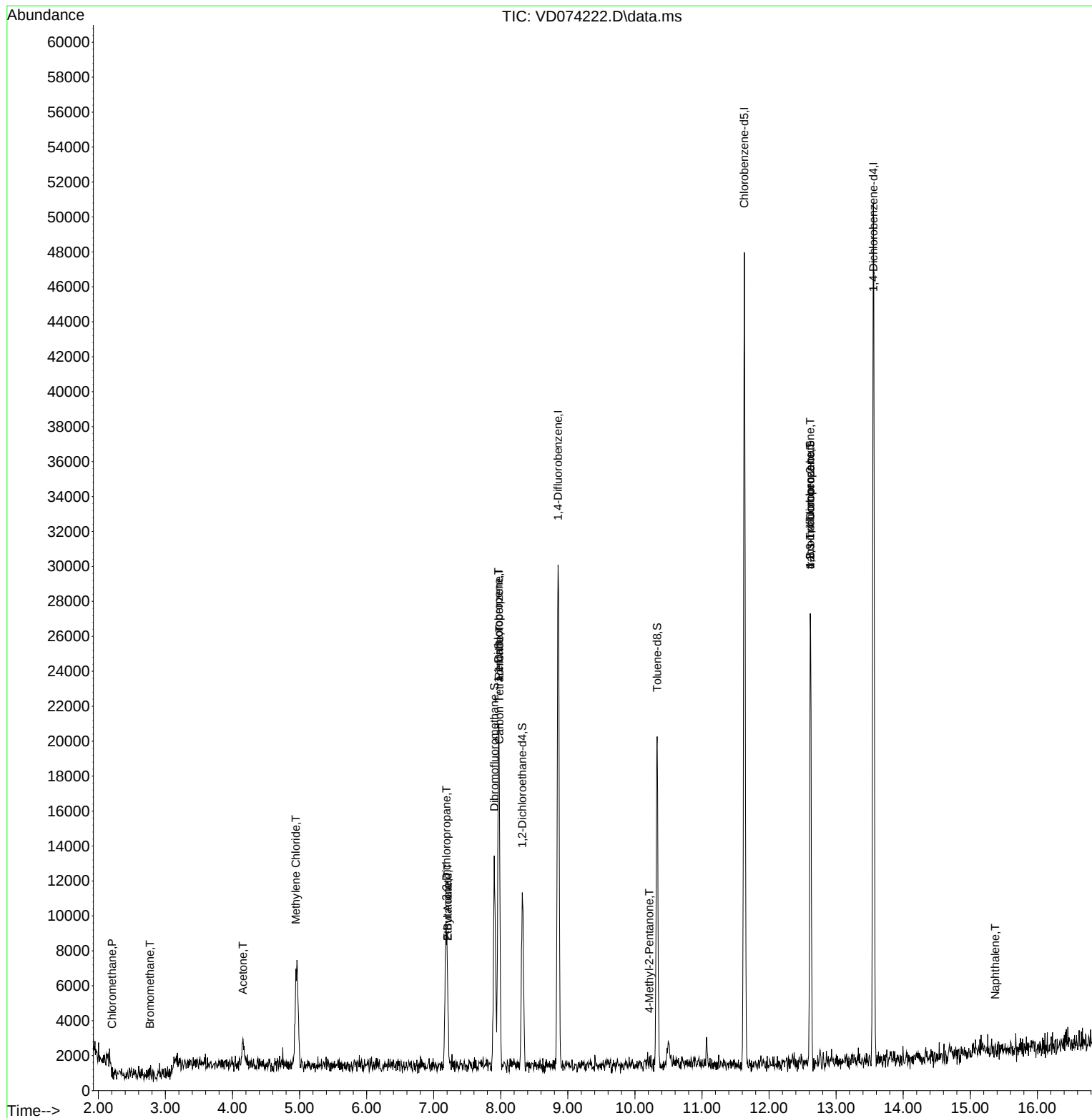
Internal Standards						
1) Pentafluorobenzene	7.973	168	14146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	24702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	27492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	13891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8257	57.122	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.240%			
35) Dibromofluoromethane	7.903	113	8062	48.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.580%			
50) Toluene-d8	10.332	98	13116	24.665	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 49.320%			
62) 4-Bromofluorobenzene	12.614	95	8603	40.951	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.900%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	130	1.537	ug/l #	40
5) Bromomethane	2.767	94	74	1.291	ug/l #	1
16) Acetone	4.156	43	2775	100.764	ug/l	97
18) Methyl Acetate	4.932	43	56	Below Cal	#	55
20) Methylene Chloride	4.944	84	1988	6.249	ug/l #	65
25) 2-Butanone	7.208	43	427	10.016	ug/l #	52
26) 2,2-Dichloropropane	7.191	77	527	1.980	ug/l #	54
36) 1,1-Dichloropropene	7.967	75	1485	5.946	ug/l #	43
37) Ethyl Acetate	7.208	43	427	4.337	ug/l #	72
38) Carbon Tetrachloride	7.979	117	1655	6.169	ug/l #	13
51) 4-Methyl-2-Pentanone	10.214	43	151	1.526	ug/l #	39
76) 1,2,3-Trichloropropane	12.614	75	4778	35.227	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	4778	90.591	ug/l #	7
95) Naphthalene	15.373	128	321	4.005	ug/l #	70

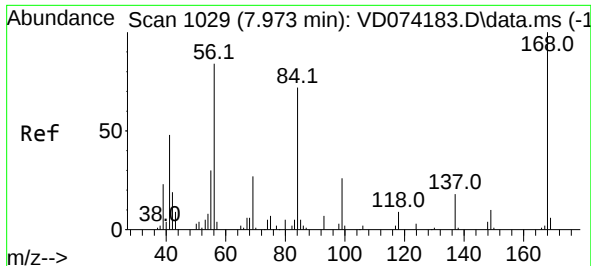
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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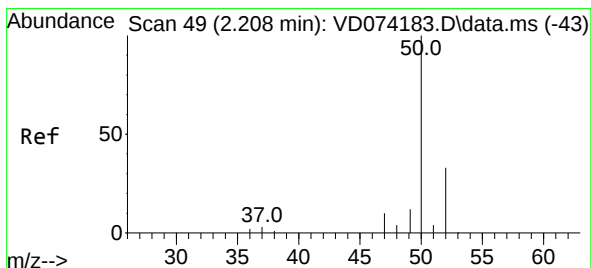
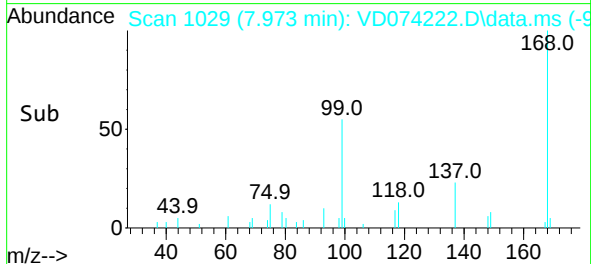
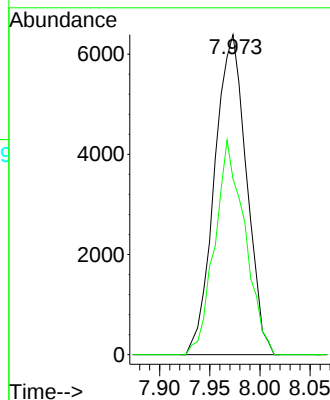
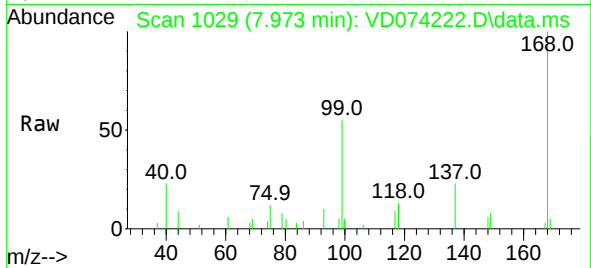




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

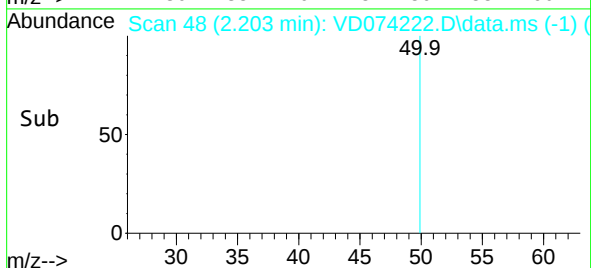
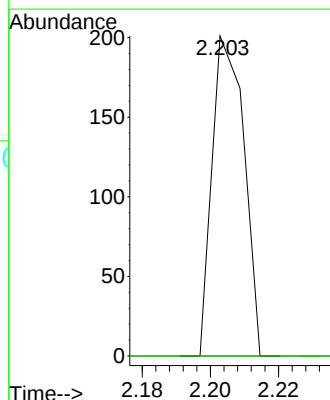
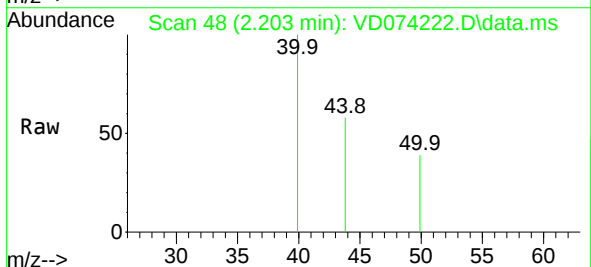
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)RE

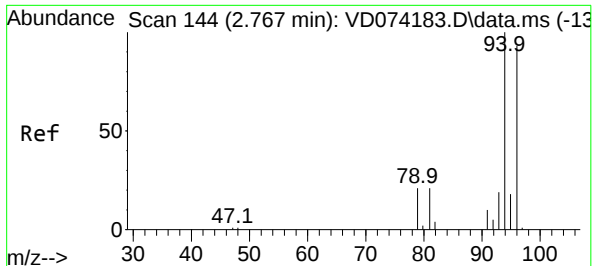
Tgt Ion:168 Resp: 14146
Ion Ratio Lower Upper
168 100
99 54.9 49.8 74.6



#3
Chloromethane
Concen: 1.537 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.005 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

Tgt Ion: 50 Resp: 130
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

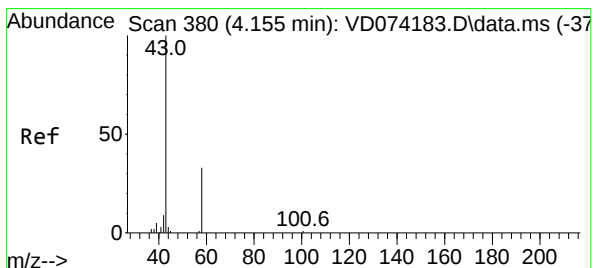
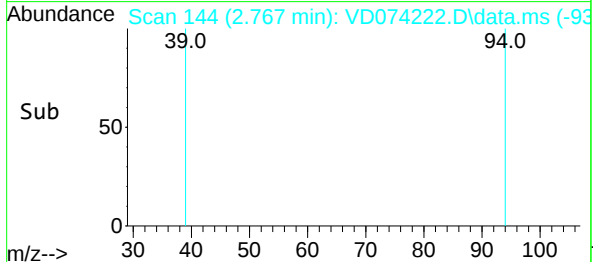
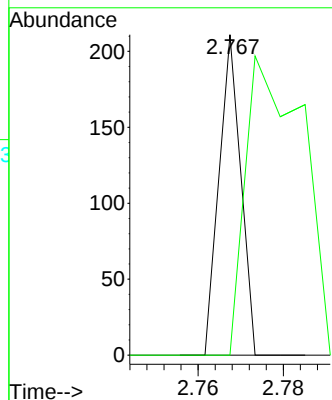
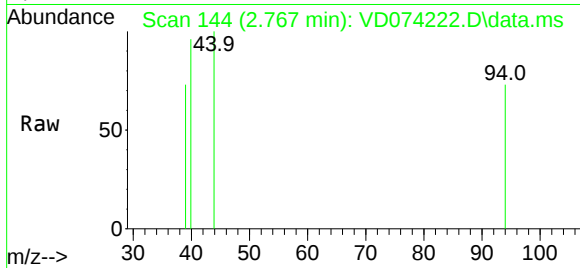




#5
Bromomethane
Concen: 1.291 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

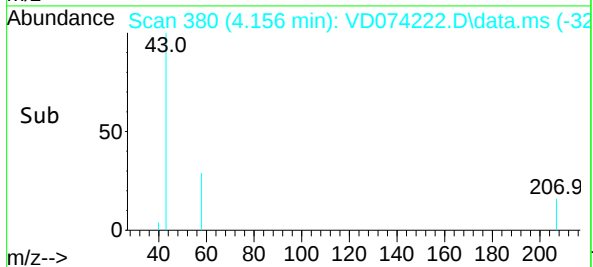
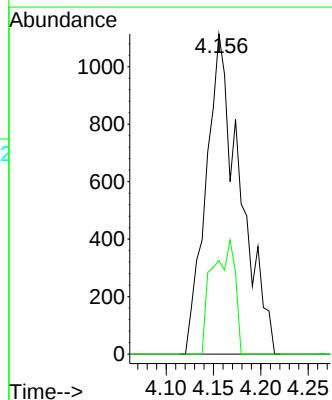
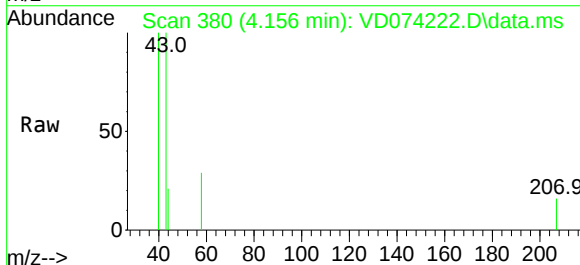
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)RE

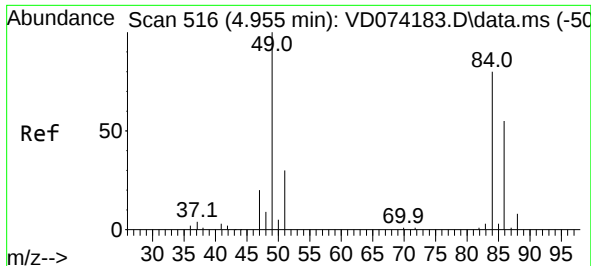
Tgt Ion: 94 Resp: 74
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



#16
Acetone
Concen: 100.764 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

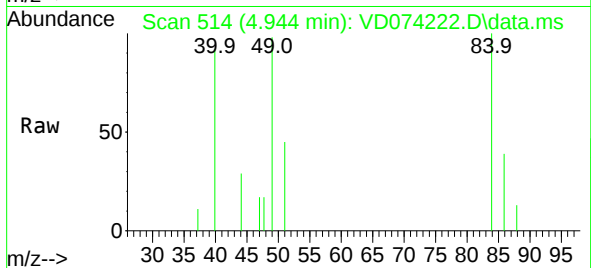
Tgt Ion: 43 Resp: 2775
Ion Ratio Lower Upper
43 100
58 29.2 22.1 33.1





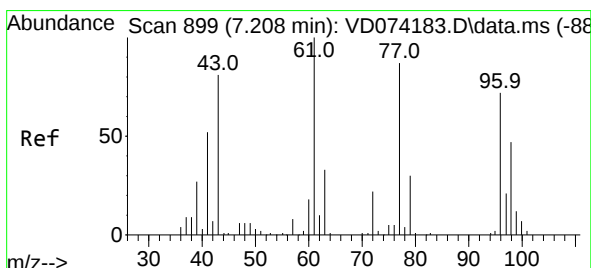
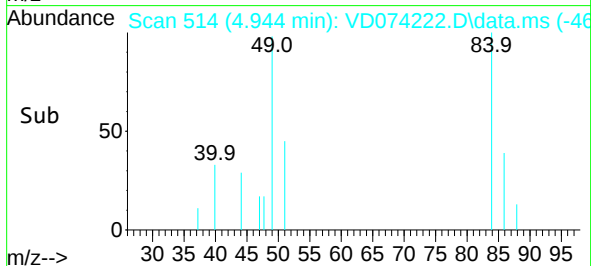
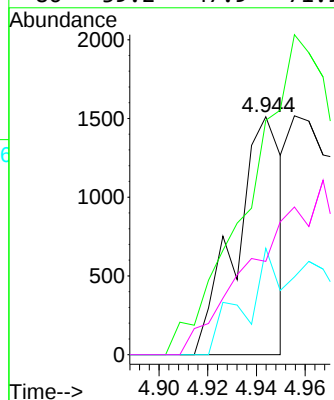
#20
Methylene Chloride
Concen: 6.249 ug/l
RT: 4.944 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)RE



Tgt Ion: 84 Resp: 1988

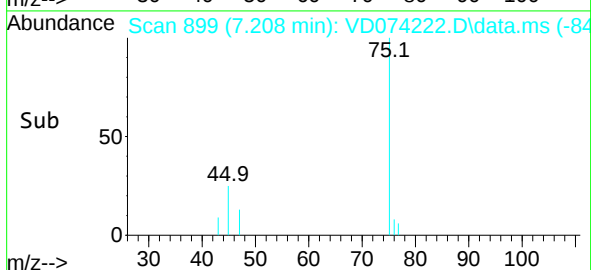
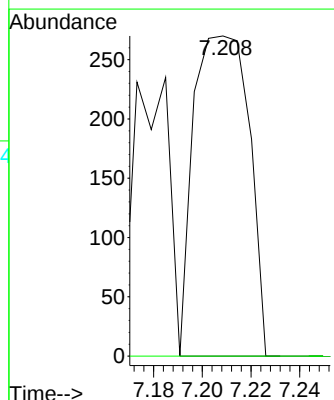
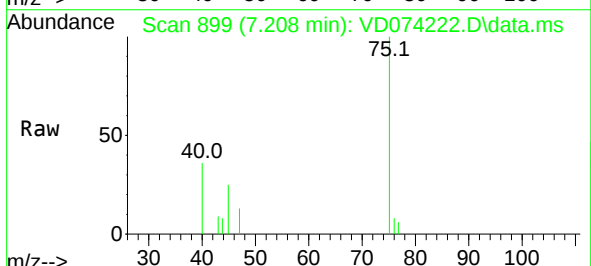
Ion	Ratio	Lower	Upper
84	100		
49	84.8	112.8	169.2#
51	44.7	32.6	48.8
86	39.2	47.9	71.9#

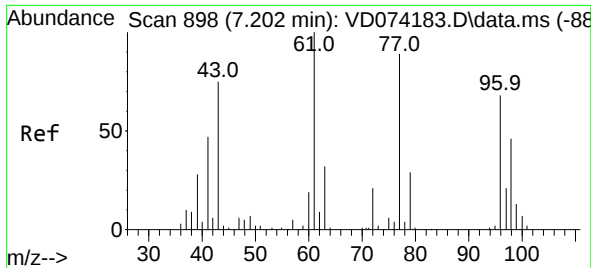


#25
2-Butanone
Concen: 10.016 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

Tgt Ion: 43 Resp: 427

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#26

2,2-Dichloropropane

Concen: 1.980 ug/l

RT: 7.191 min Scan# 89

Delta R.T. -0.011 min

Lab File: VD074222.D

Acq: 24 Aug 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

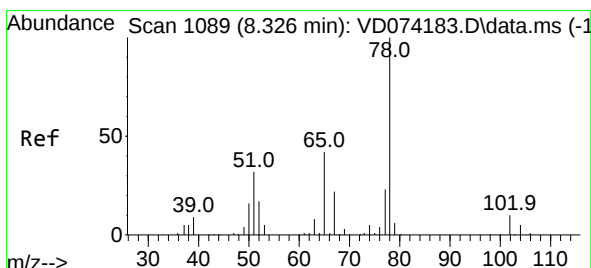
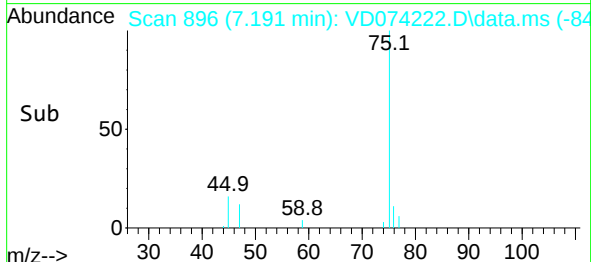
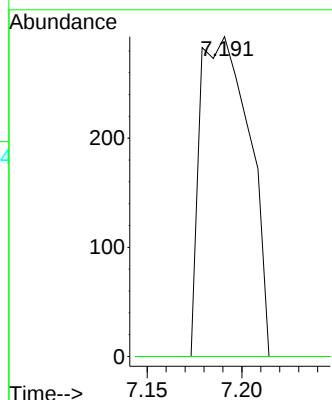
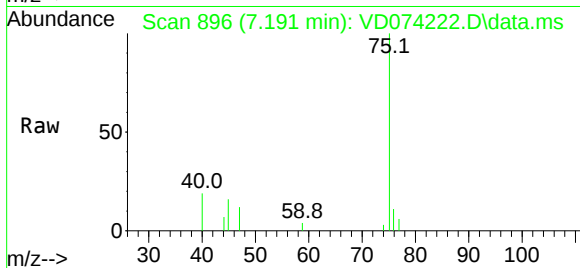
SASP2-T-4-(10-16)RE

Tgt Ion: 77 Resp: 527

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



#33

1,2-Dichloroethane-d4

Concen: 57.122 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD074222.D

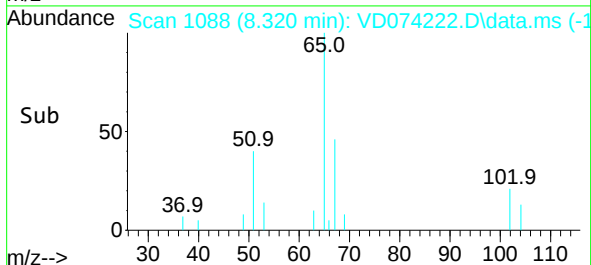
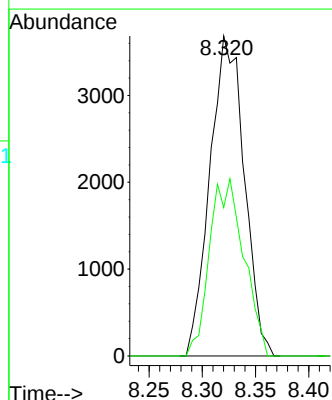
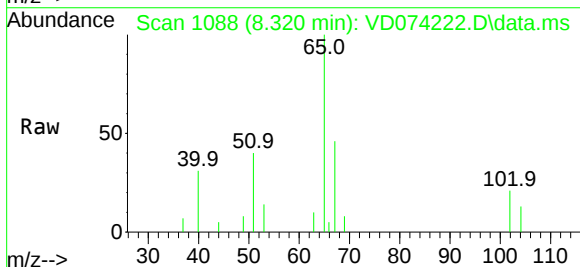
Acq: 24 Aug 2022 14:38

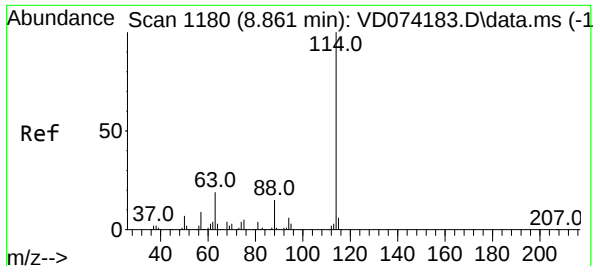
Tgt Ion: 65 Resp: 8257

Ion Ratio Lower Upper

65 100

67 55.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074222.D

Acq: 24 Aug 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(10-16)RE

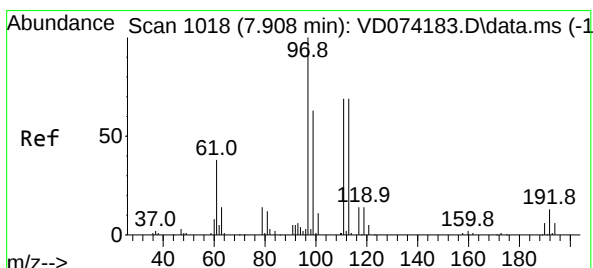
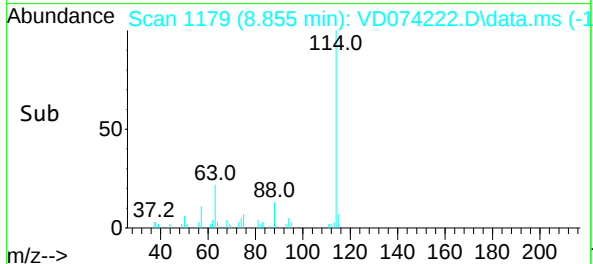
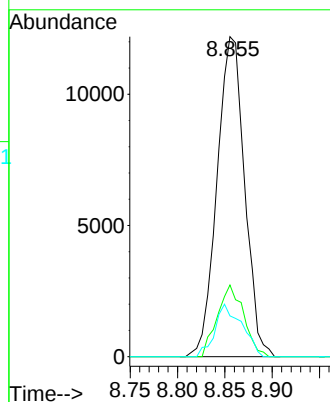
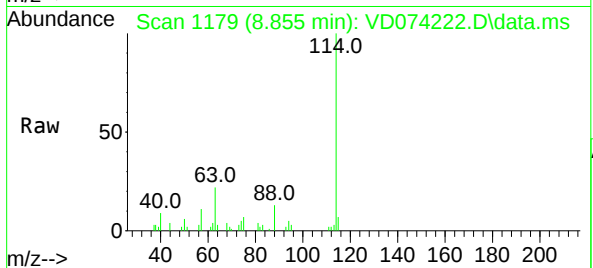
Tgt Ion:114 Resp: 24702

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 12.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.793 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD074222.D

Acq: 24 Aug 2022 14:38

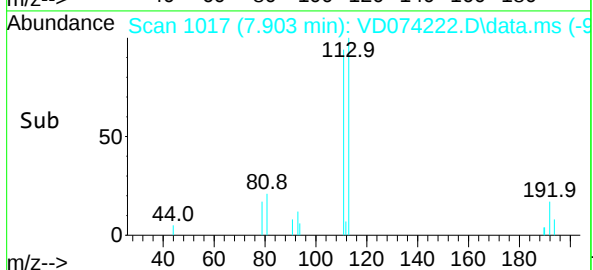
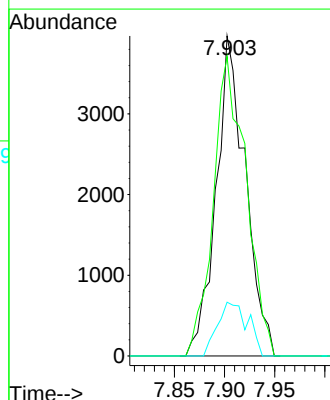
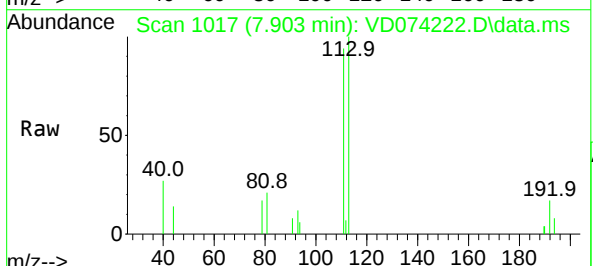
Tgt Ion:113 Resp: 8062

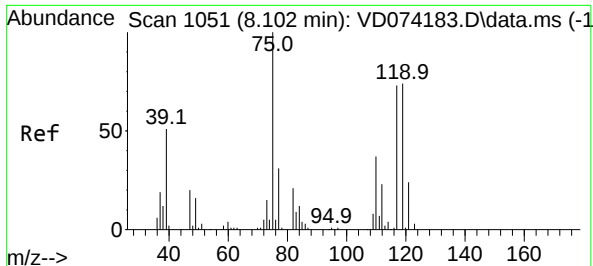
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.946 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD074222.D

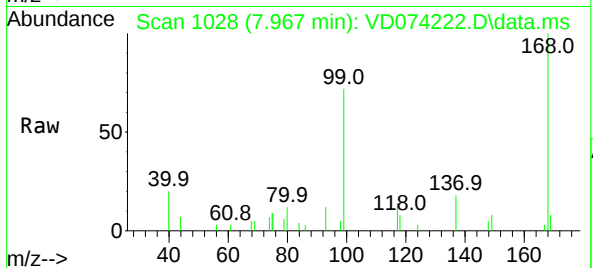
Acq: 24 Aug 2022 14:38

Instrument :

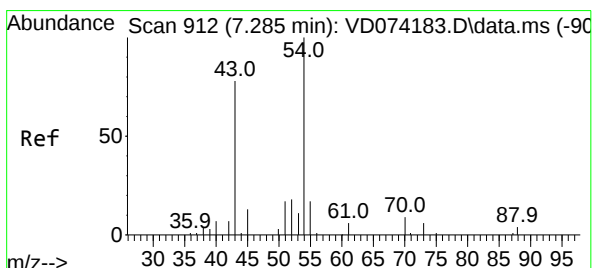
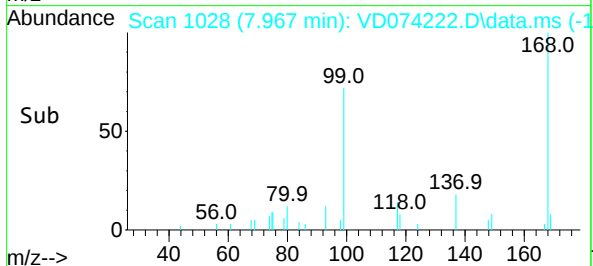
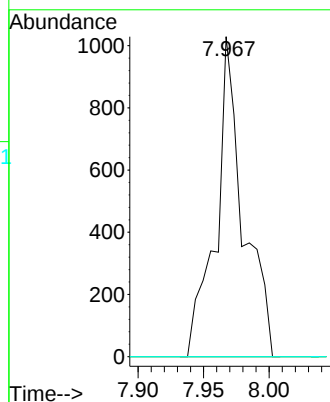
MSVOA_D

ClientSampleId :

SASP2-T-4-(10-16)RE



Tgt Ion: 75	Resp: 1485
Ion Ratio	Lower Upper
75 100	
110 0.0	16.4 49.1#
77 0.0	24.2 36.2#



#37

Ethyl Acetate

Concen: 4.337 ug/l

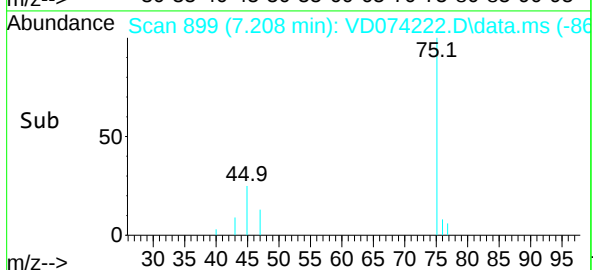
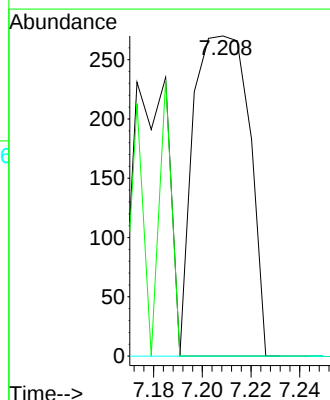
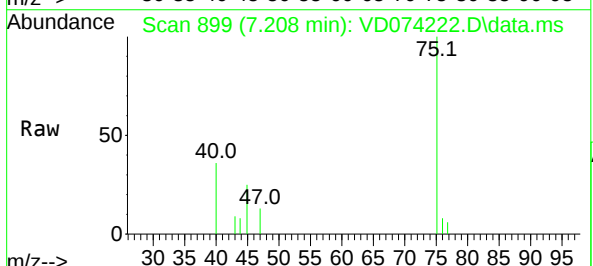
RT: 7.208 min Scan# 899

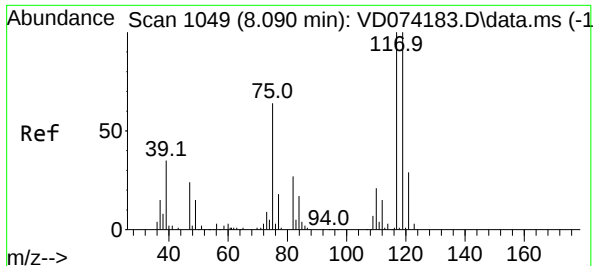
Delta R.T. -0.077 min

Lab File: VD074222.D

Acq: 24 Aug 2022 14:38

Tgt Ion: 43	Resp: 427
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8#
70 0.0	6.9 10.3#

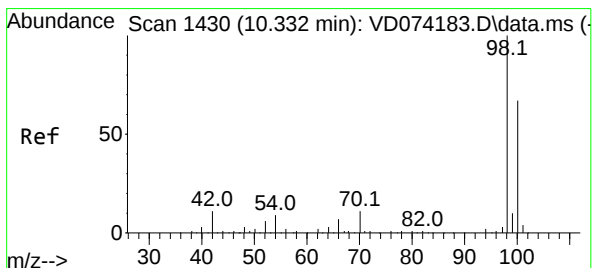
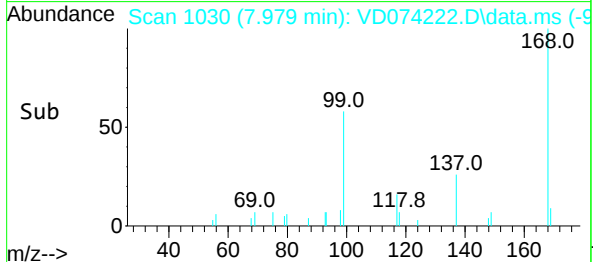
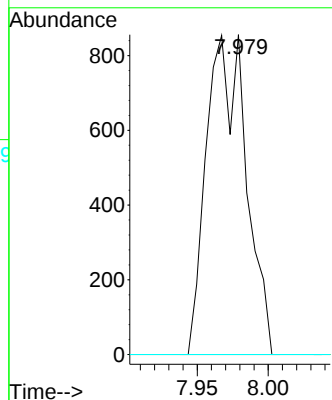
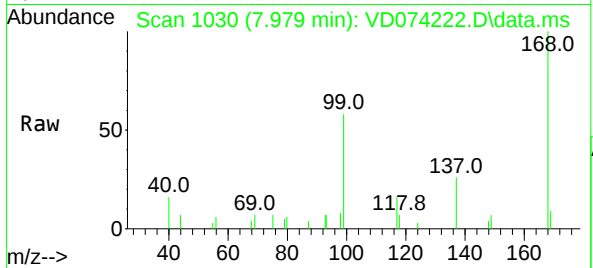




#38
Carbon Tetrachloride
Concen: 6.169 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.111 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

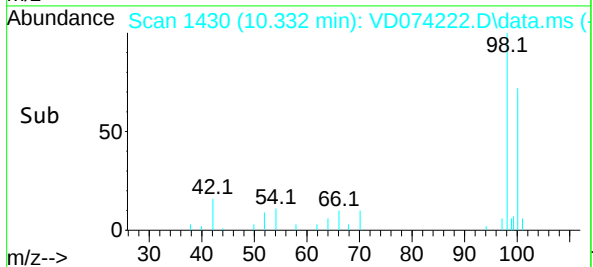
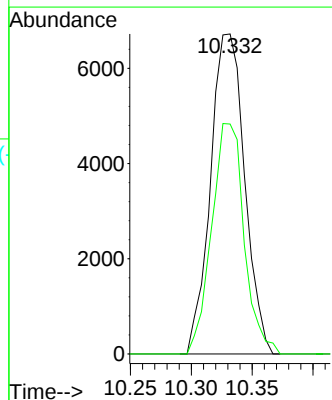
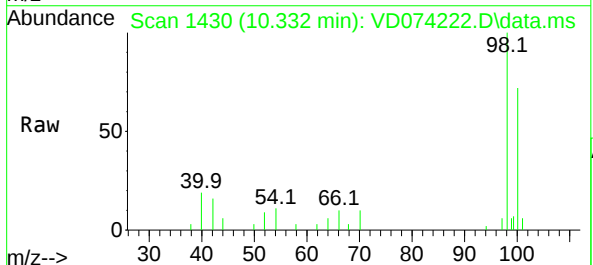
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)RE

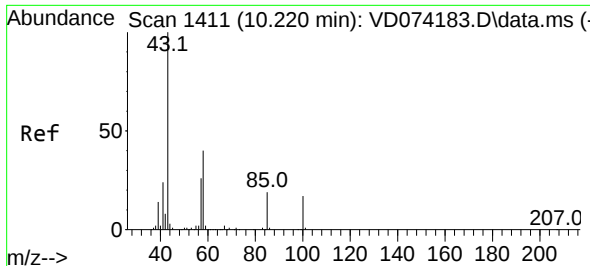
Tgt Ion:117 Resp: 1655
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 24.665 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

Tgt Ion: 98 Resp: 13116
Ion Ratio Lower Upper
98 100
100 68.4 52.4 78.6

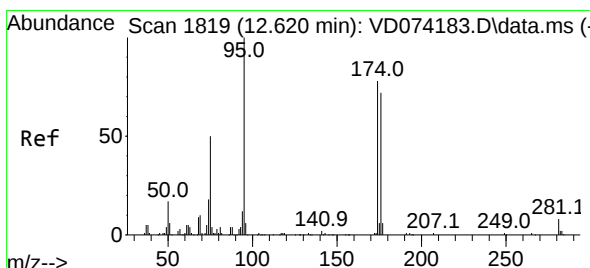
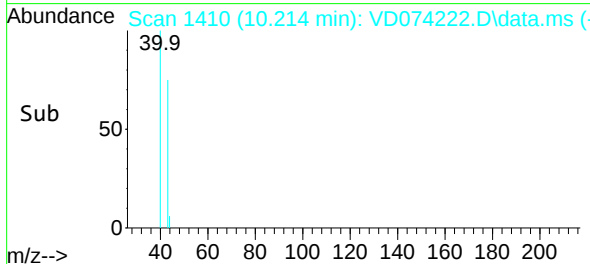
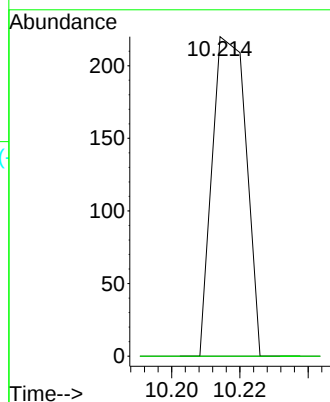
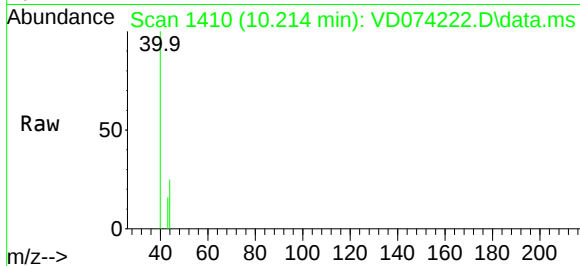




#51
4-Methyl-2-Pentanone
Concen: 1.526 ug/l
RT: 10.214 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

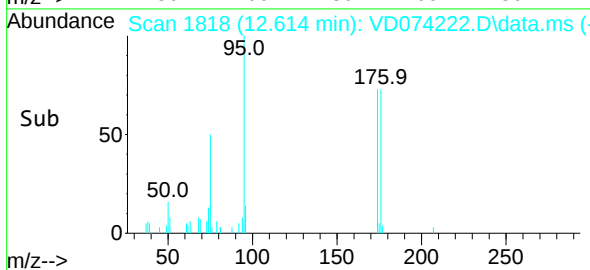
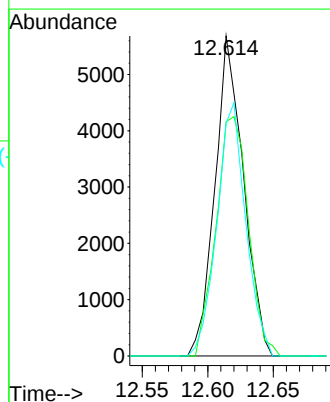
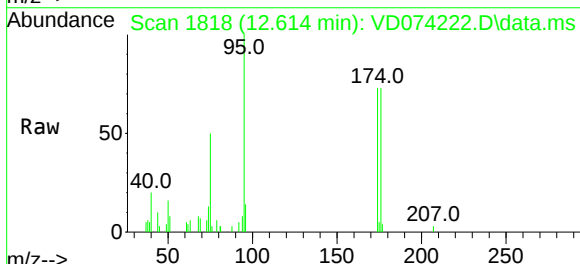
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)RE

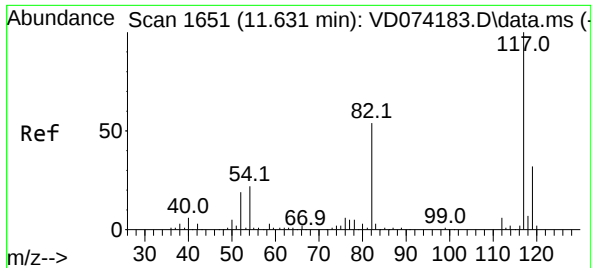
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 40.951 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

Tgt Ion: 95 Resp: 8603
Ion Ratio Lower Upper
95 100
174 85.0 0.0 152.8
176 79.9 0.0 145.4

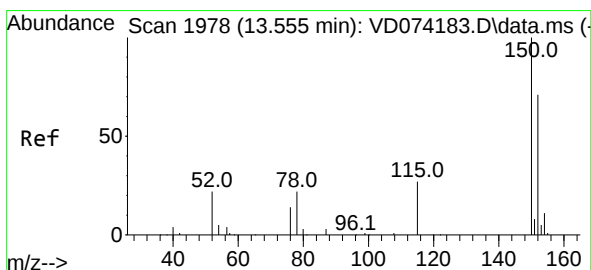
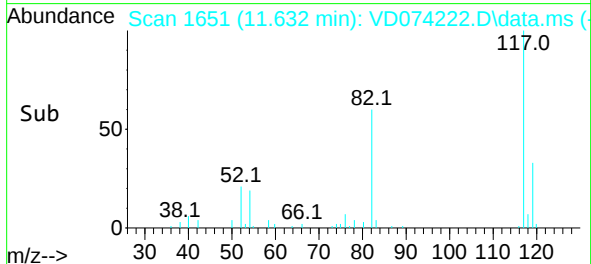
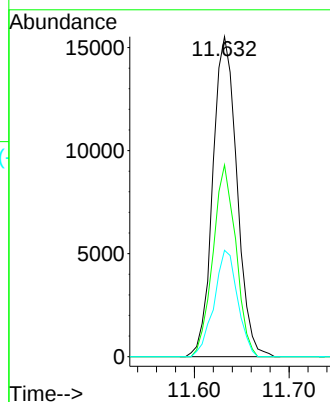
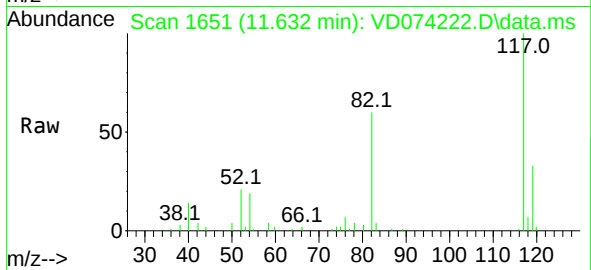




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

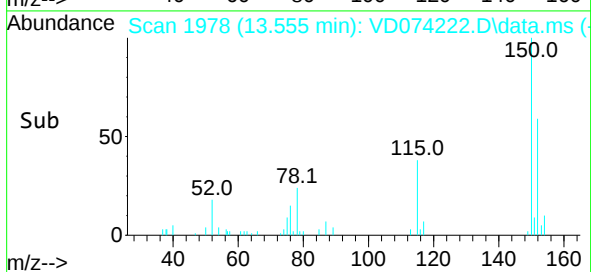
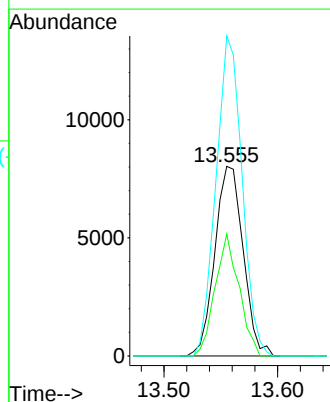
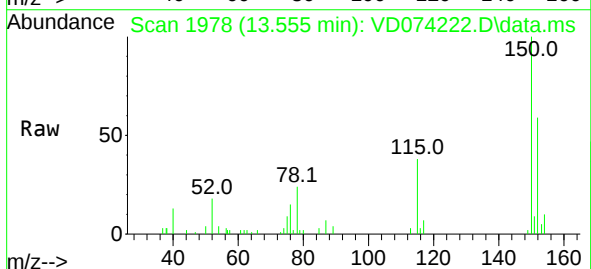
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)RE

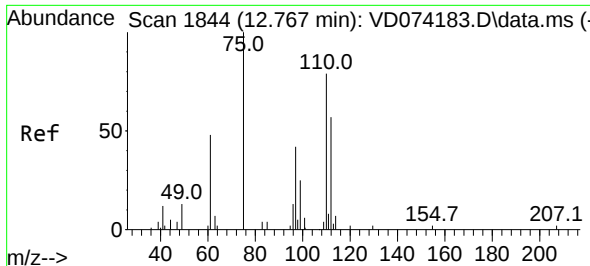
Tgt Ion:117 Resp: 27492
Ion Ratio Lower Upper
117 100
82 59.9 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

Tgt Ion:152 Resp: 13891
Ion Ratio Lower Upper
152 100
115 54.3 31.3 93.8
150 155.8 0.0 348.6

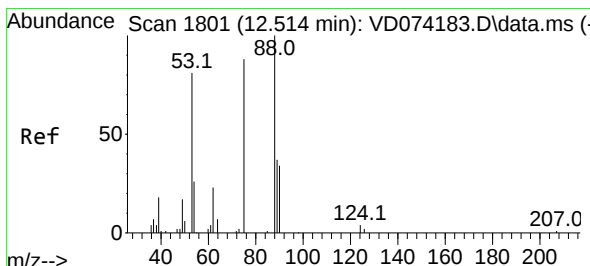
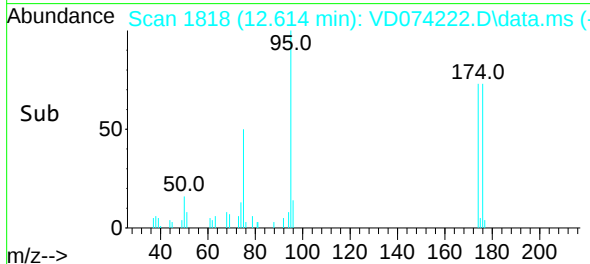
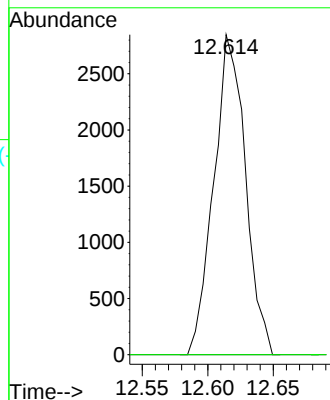
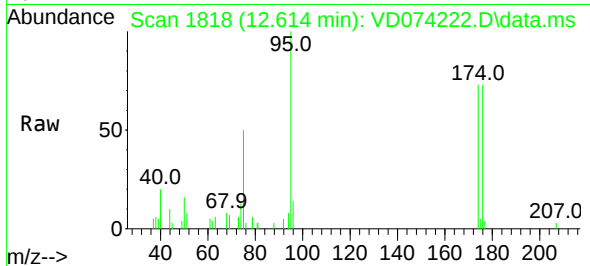




#76
1,2,3-Trichloropropane
Concen: 35.227 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

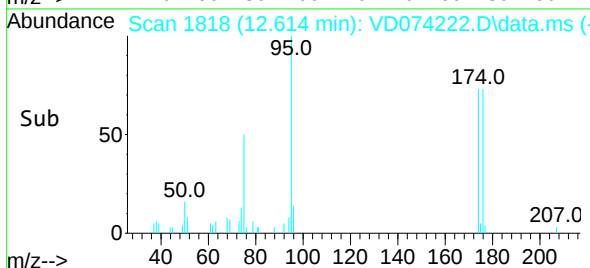
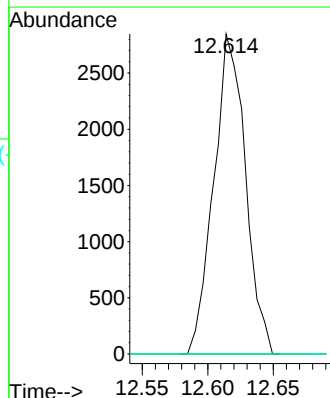
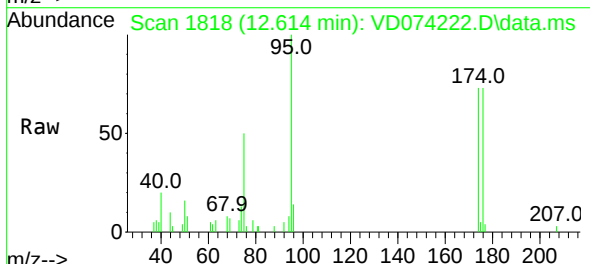
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)RE

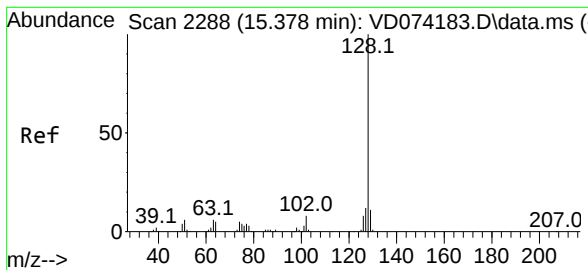
Tgt Ion: 75 Resp: 4778
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 90.591 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074222.D
Acq: 24 Aug 2022 14:38

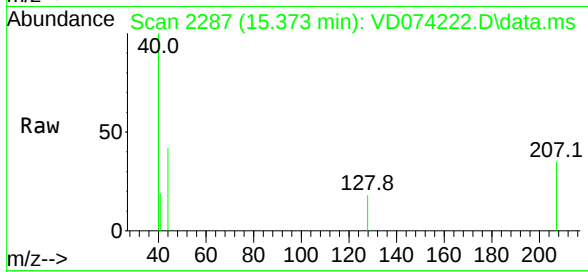
Tgt Ion: 75 Resp: 4778
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 4.005 ug/l
 RT: 15.373 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD074222.D
 Acq: 24 Aug 2022 14:38

Instrument : MSVOA_D
 ClientSampleId : SASP2-T-4-(10-16)RE



Tgt Ion:128	Resp:	321
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.4 12.6#

