

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074227.D
 Acq On : 24 Aug 2022 17:04
 Operator : VA/SY
 Sample : N4275-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-081922

Quant Time: Aug 24 17:23:20 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)

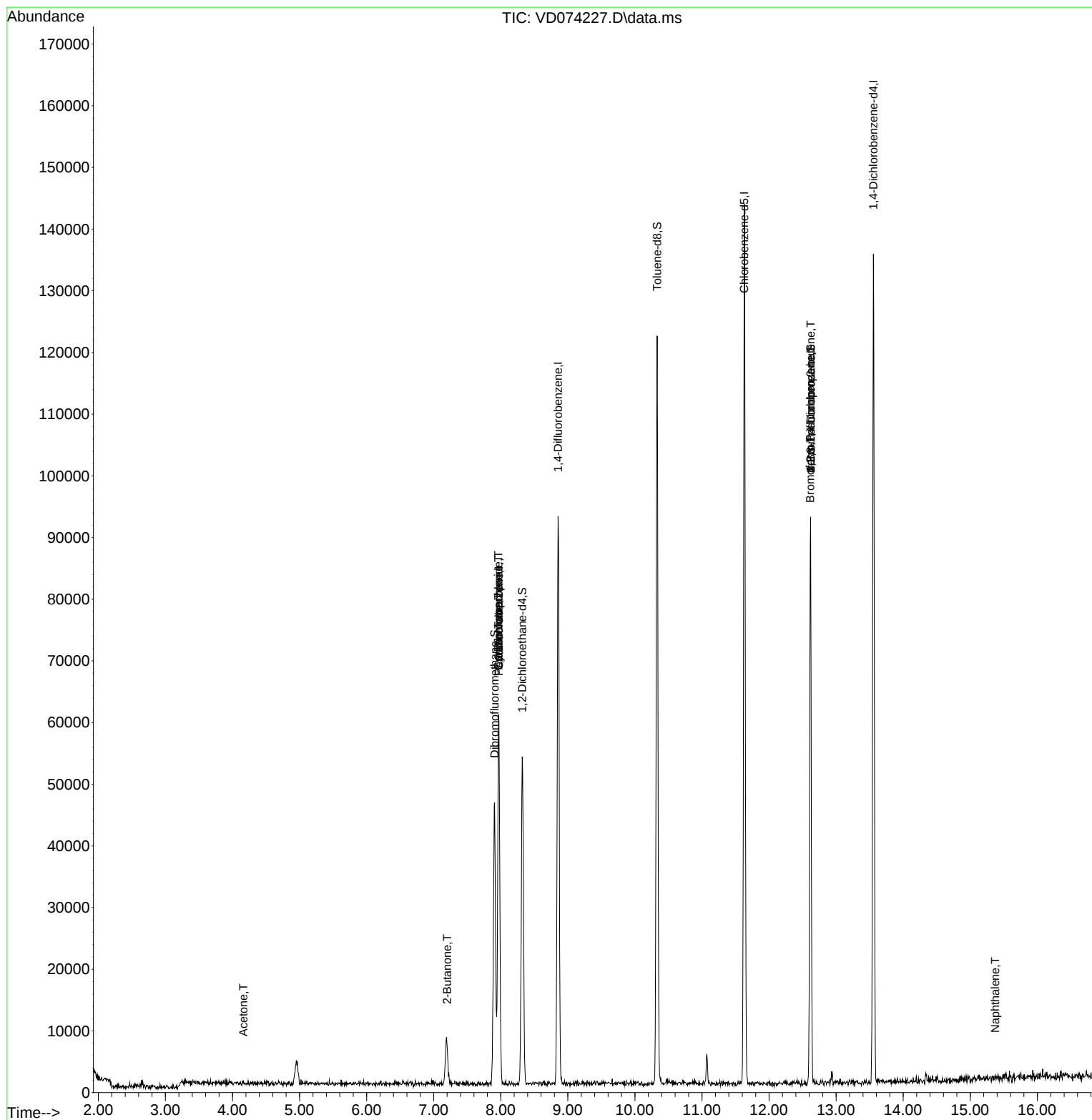
Internal Standards						
1) Pentafluorobenzene	7.973	168	42030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	79082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	80414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	36875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	44229	102.982	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 205.960%#			
35) Dibromofluoromethane	7.908	113	33471	63.276	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.560%			
50) Toluene-d8	10.332	98	82438	48.424	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.840%			
62) 4-Bromofluorobenzene	12.620	95	30000	44.606	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.220%			
Target Compounds						Qvalue
16) Acetone	4.162	43	184	2.249	ug/l #	47
25) 2-Butanone	7.203	43	337	2.660	ug/l #	52
31) Cyclohexane	7.967	56	903	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	3543	4.432	ug/l #	43
38) Carbon Tetrachloride	7.967	117	5044	5.873	ug/l #	20
71) Bromoform	12.614	173	432	1.206	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	16177	44.929	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	16177	115.542	ug/l #	7
95) Naphthalene	15.373	128	165	3.539	ug/l #	70

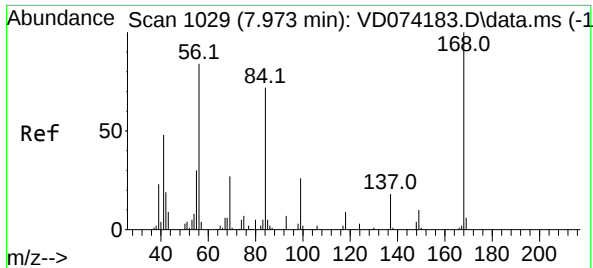
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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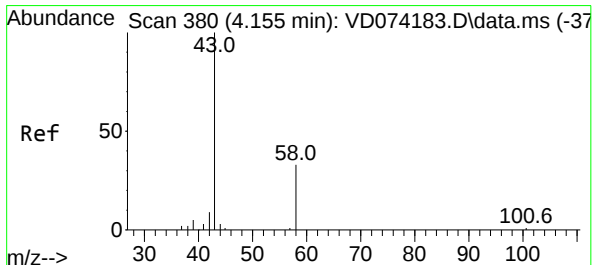
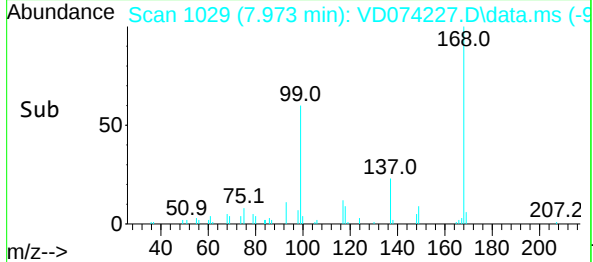
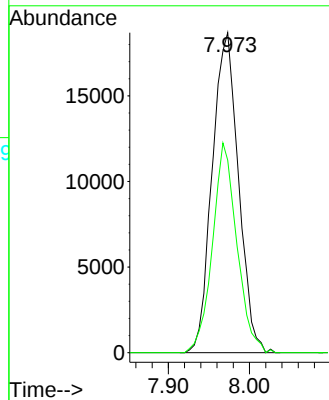
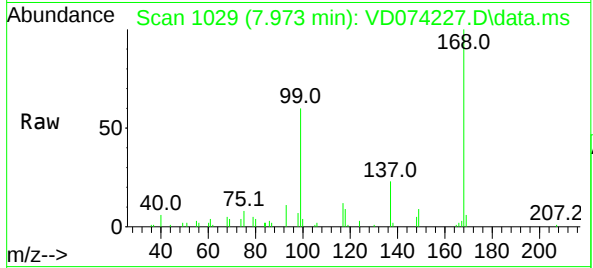




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

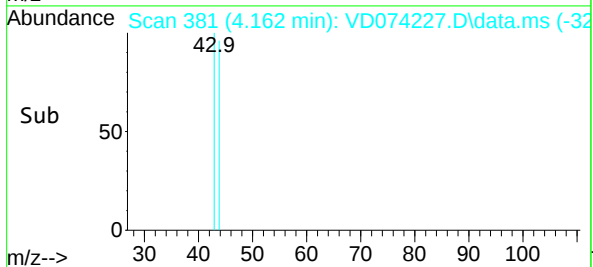
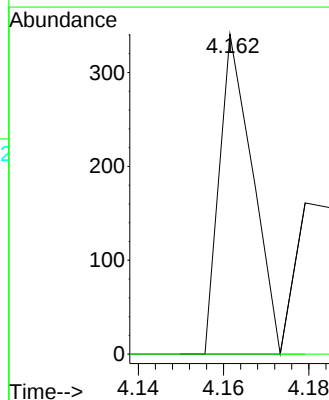
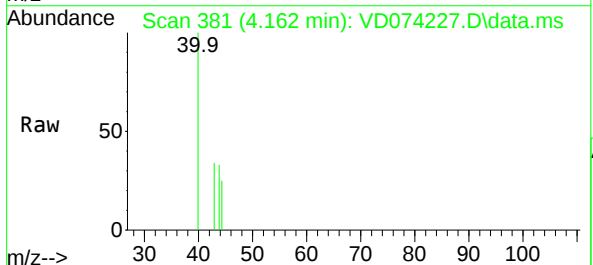
Instrument :
MSVOA_D
ClientSampleId :
OR-03-081922

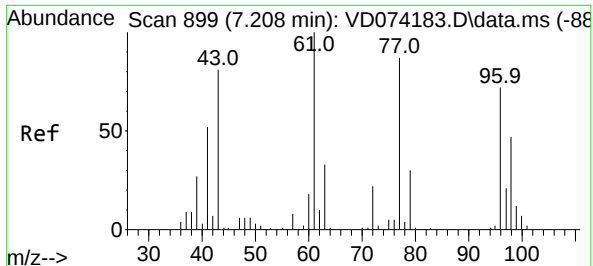
Tgt Ion:168 Resp: 42030
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#16
Acetone
Concen: 2.249 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#25

2-Butanone

Concen: 2.660 ug/l

RT: 7.203 min Scan# 89

Delta R.T. -0.005 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

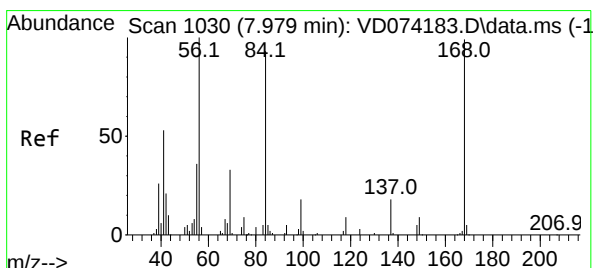
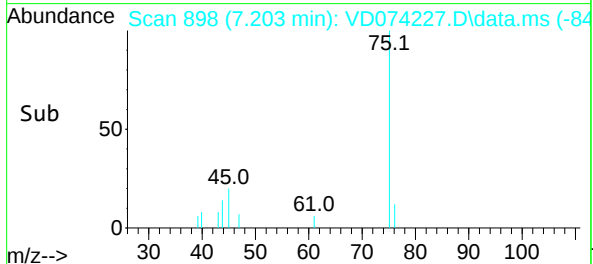
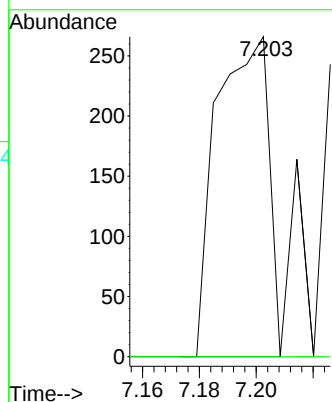
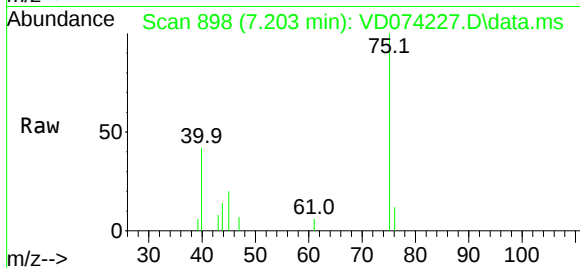
OR-03-081922

Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

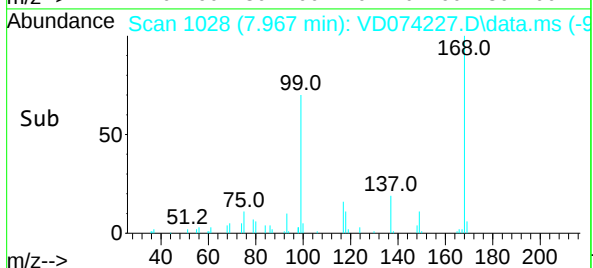
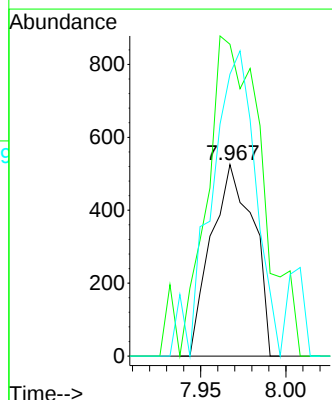
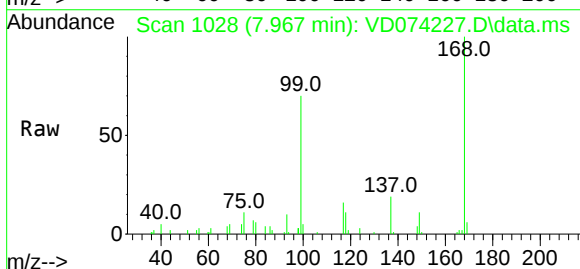
Tgt Ion: 56 Resp: 903

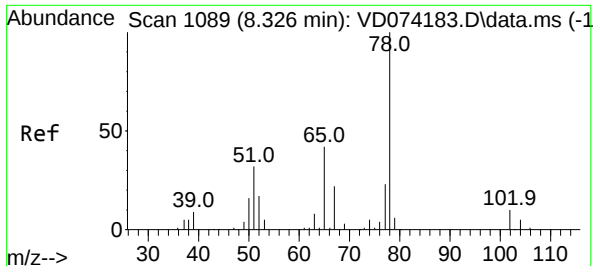
Ion Ratio Lower Upper

56 100

69 162.9 25.4 38.2#

84 147.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 102.982 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

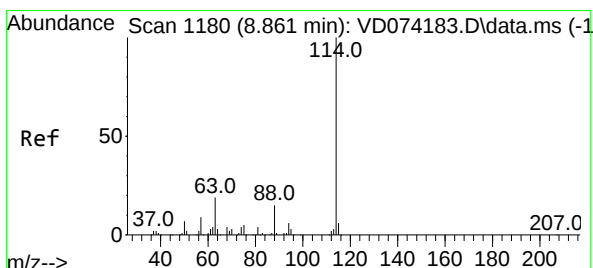
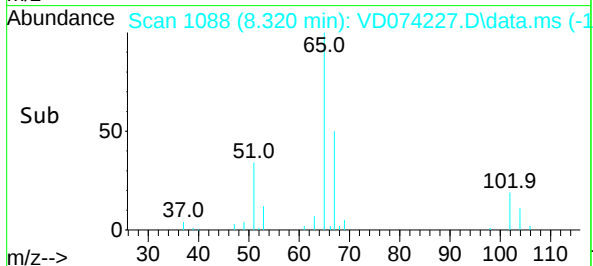
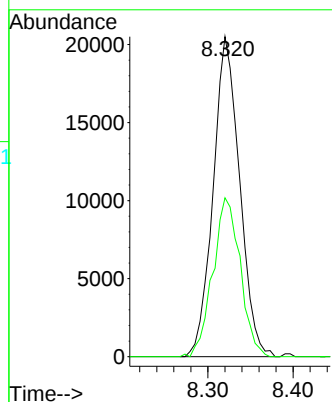
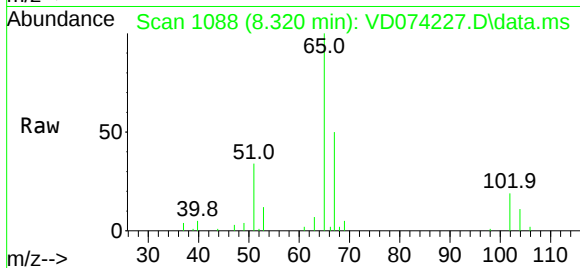
OR-03-081922

Tgt Ion: 65 Resp: 44229

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

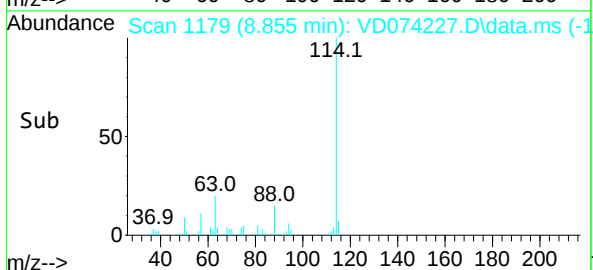
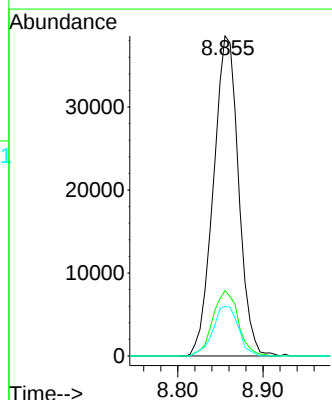
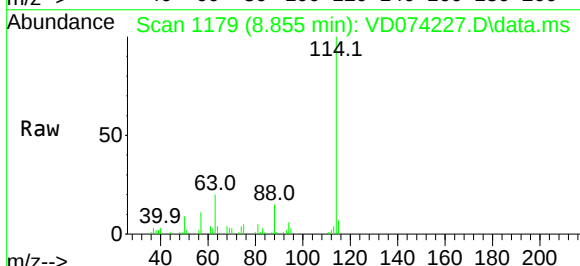
Tgt Ion: 114 Resp: 79082

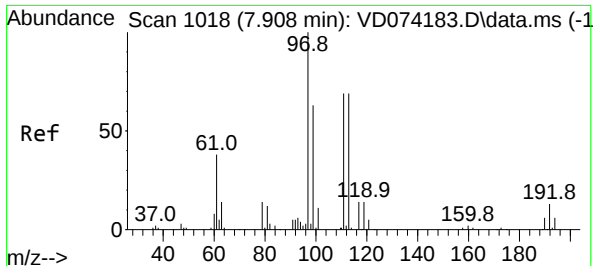
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 63.276 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

OR-03-081922

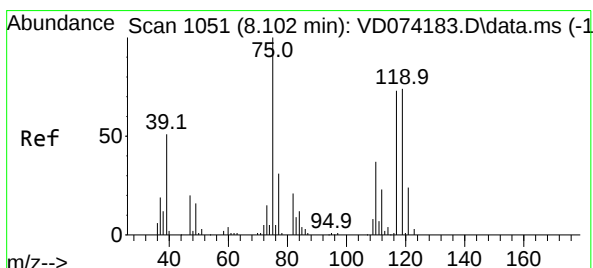
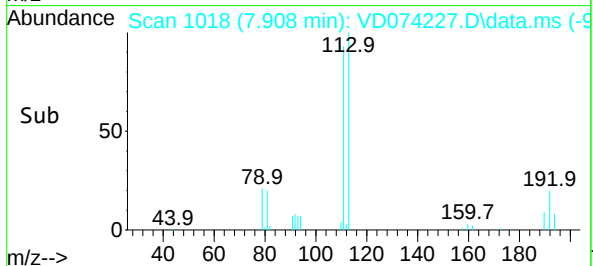
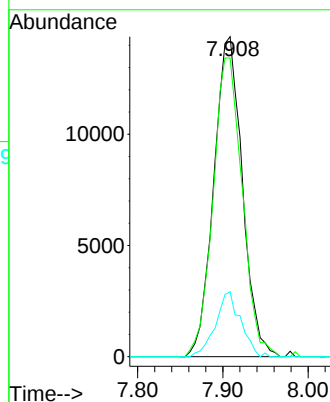
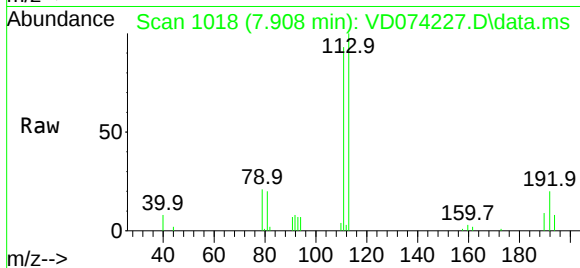
Tgt Ion:113 Resp: 33471

Ion Ratio Lower Upper

113 100

111 95.6 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.432 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

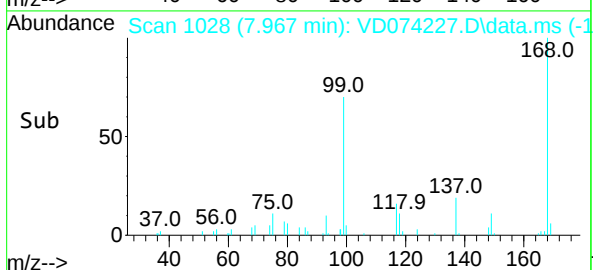
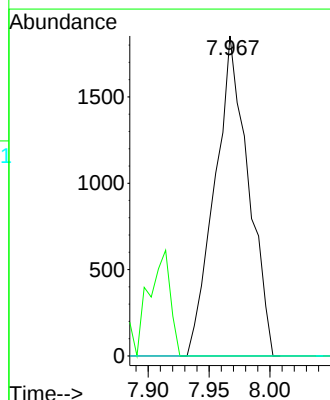
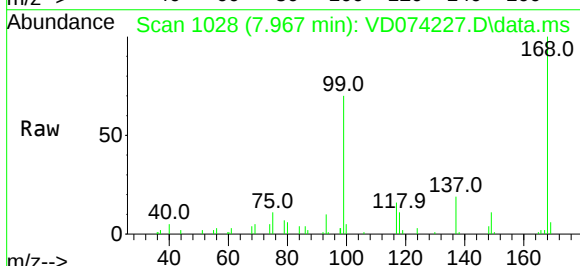
Tgt Ion: 75 Resp: 3543

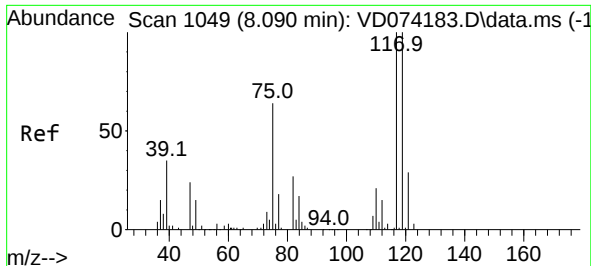
Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.123 min

Lab File: VD074227.D

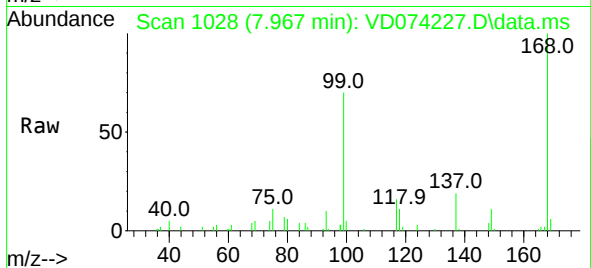
Acq: 24 Aug 2022 17:04

Instrument :

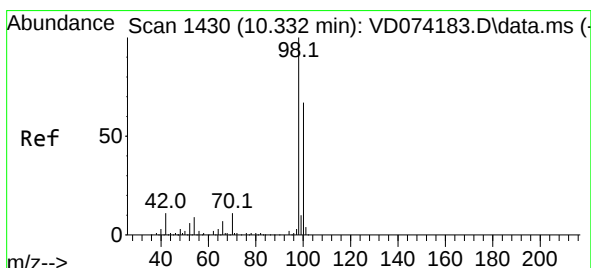
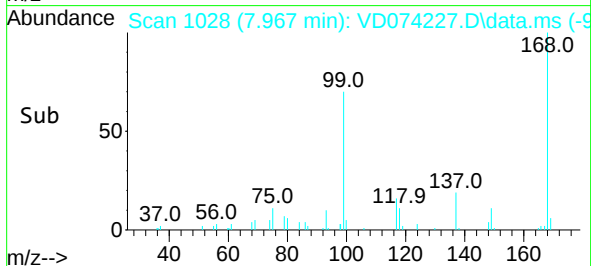
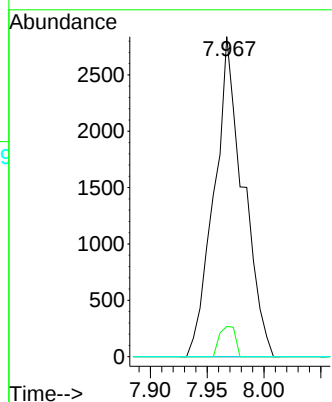
MSVOA_D

ClientSampleId :

OR-03-081922



Tgt Ion:117	Resp:	5044
Ion	Ratio	Lower Upper
117	100	
119	9.5	75.8 113.6#
121	0.0	24.5 36.7#



#50

Toluene-d8

Concen: 48.424 ug/l

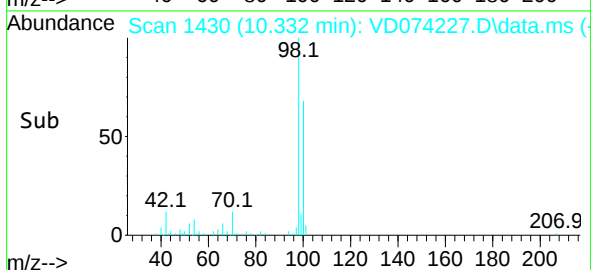
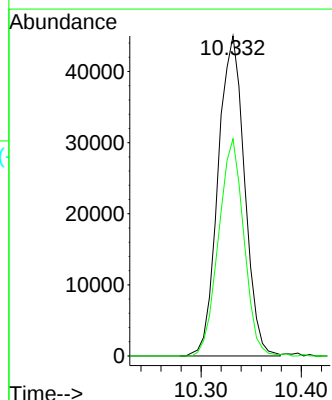
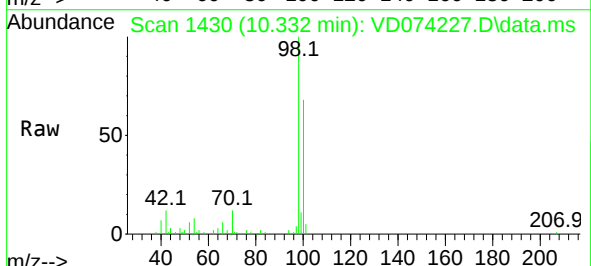
RT: 10.332 min Scan# 1430

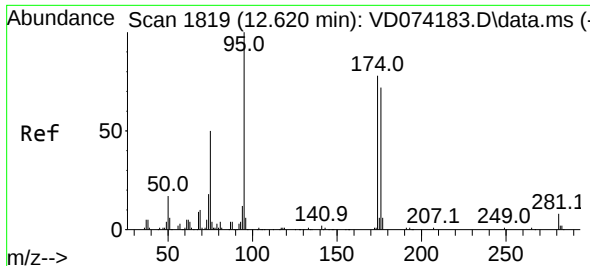
Delta R.T. -0.000 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

Tgt Ion: 98	Resp:	82438
Ion	Ratio	Lower Upper
98	100	
100	64.8	52.4 78.6

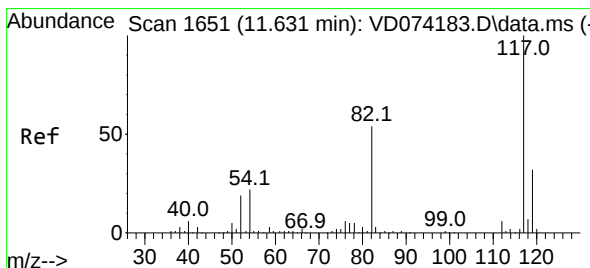
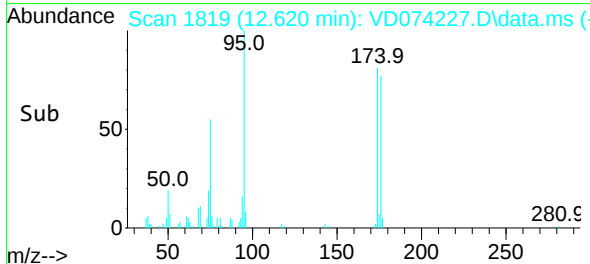
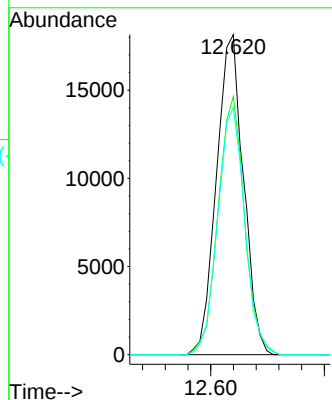
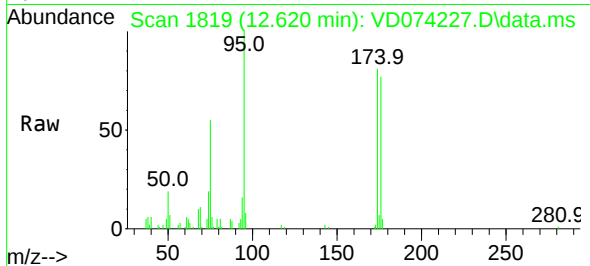




#62
4-Bromofluorobenzene
Concen: 44.606 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

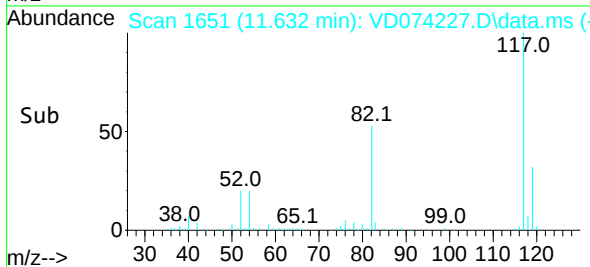
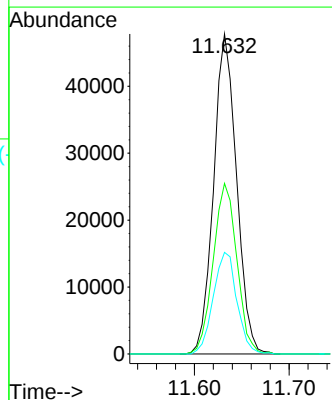
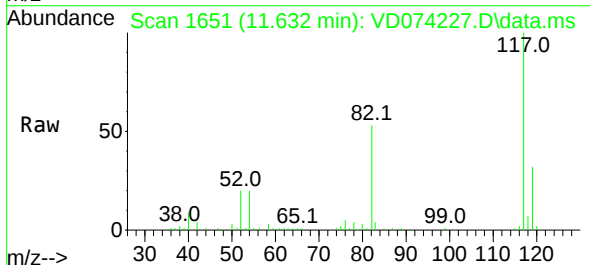
Instrument :
MSVOA_D
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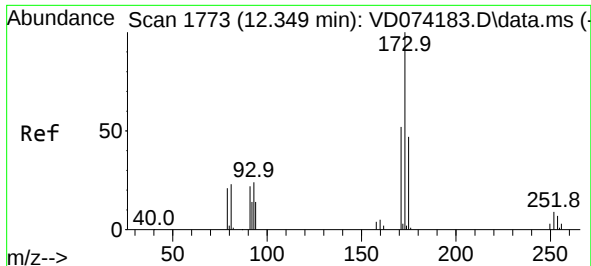
Tgt Ion:	95	Resp:	30000
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	152.8
176	76.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

Tgt Ion:	117	Resp:	80414
Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.3	67.9
119	31.8	26.6	40.0

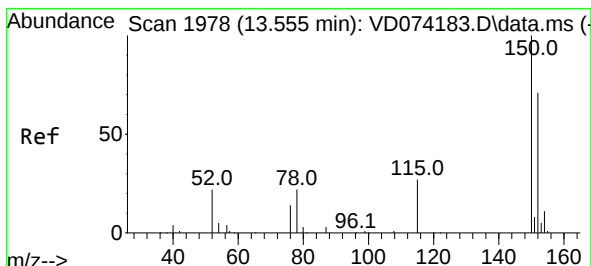
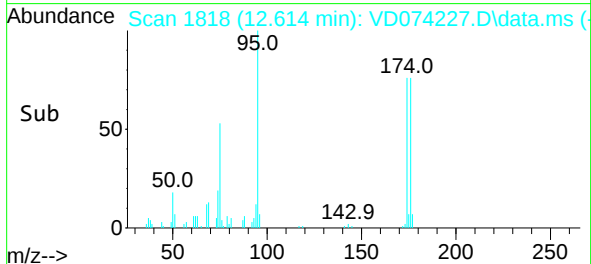
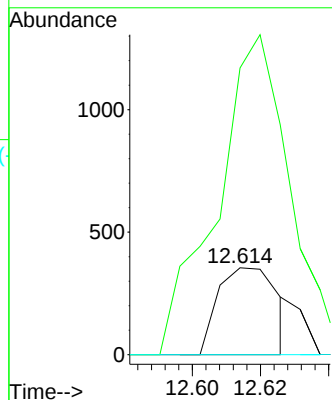
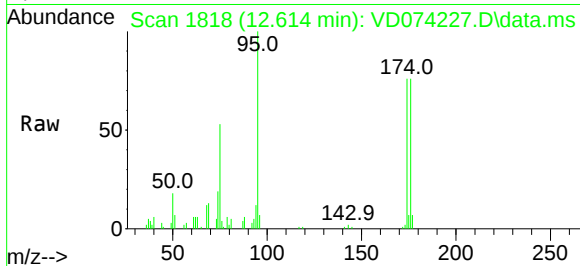




#71
Bromoform
Concen: 1.206 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.265 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

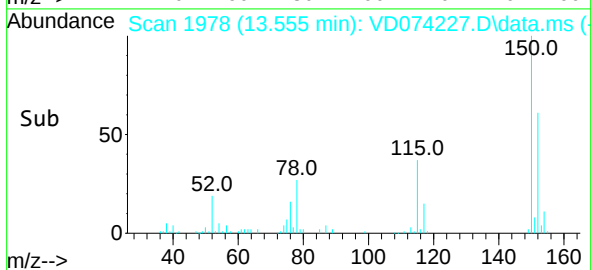
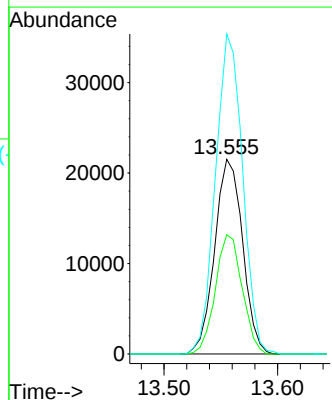
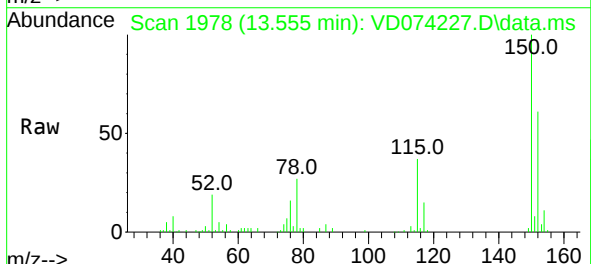
Instrument :
MSVOA_D
ClientSampleId :
OR-03-081922

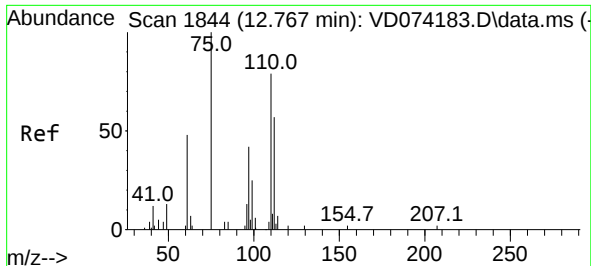
Tgt Ion:173 Resp: 432
Ion Ratio Lower Upper
173 100
175 389.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

Tgt Ion:152 Resp: 36875
Ion Ratio Lower Upper
152 100
115 58.6 31.3 93.8
150 159.3 0.0 348.6

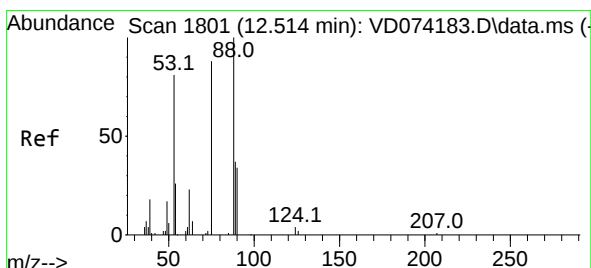
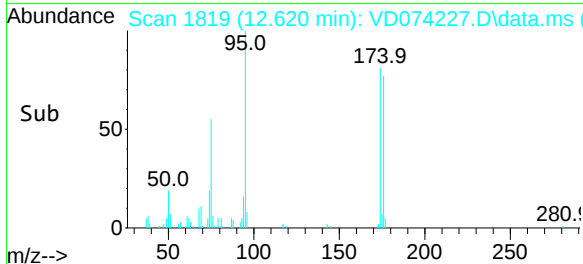
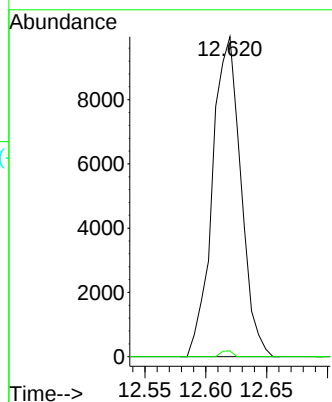
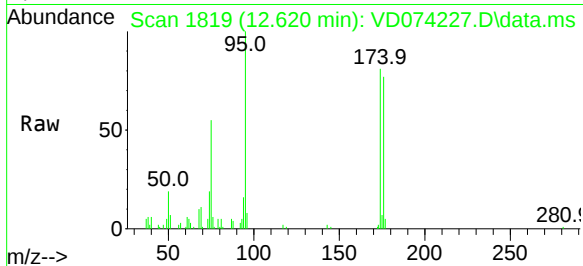




#76
1,2,3-Trichloropropane
Concen: 44.929 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

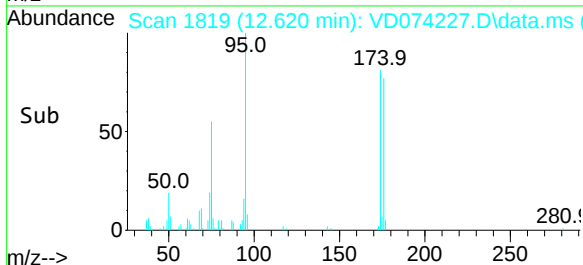
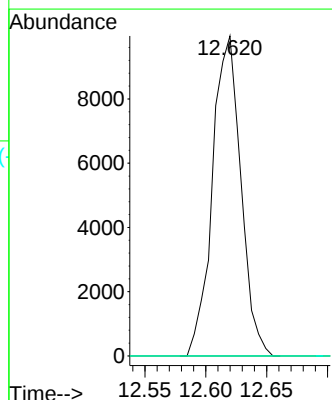
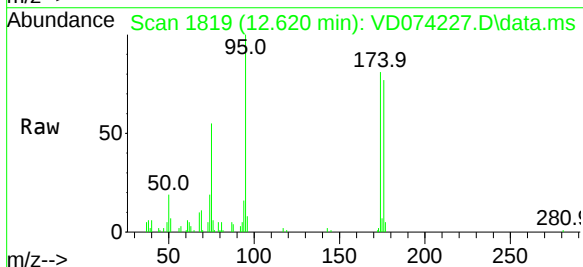
Instrument :
MSVOA_D
ClientSampleId :
OR-03-081922

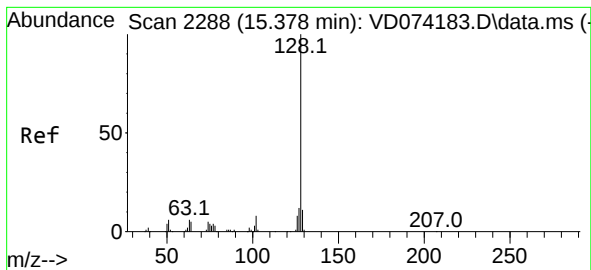
Tgt Ion: 75 Resp: 16177
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.542 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

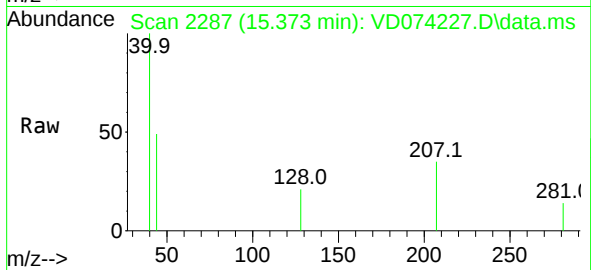
Tgt Ion: 75 Resp: 16177
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.539 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
OR-03-081922



Tgt Ion:	128	Resp:	165
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

