

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074432.D
 Acq On : 26 Sep 2022 21:24
 Operator : VA/SY
 Sample : N4803-02
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-1-(17-23)

Quant Time: Sep 27 04:12:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	63547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	104899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	99330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	50074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27126	49.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.810	113	36438	51.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.269	98	122923	51.528	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.569	95	40610	48.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%

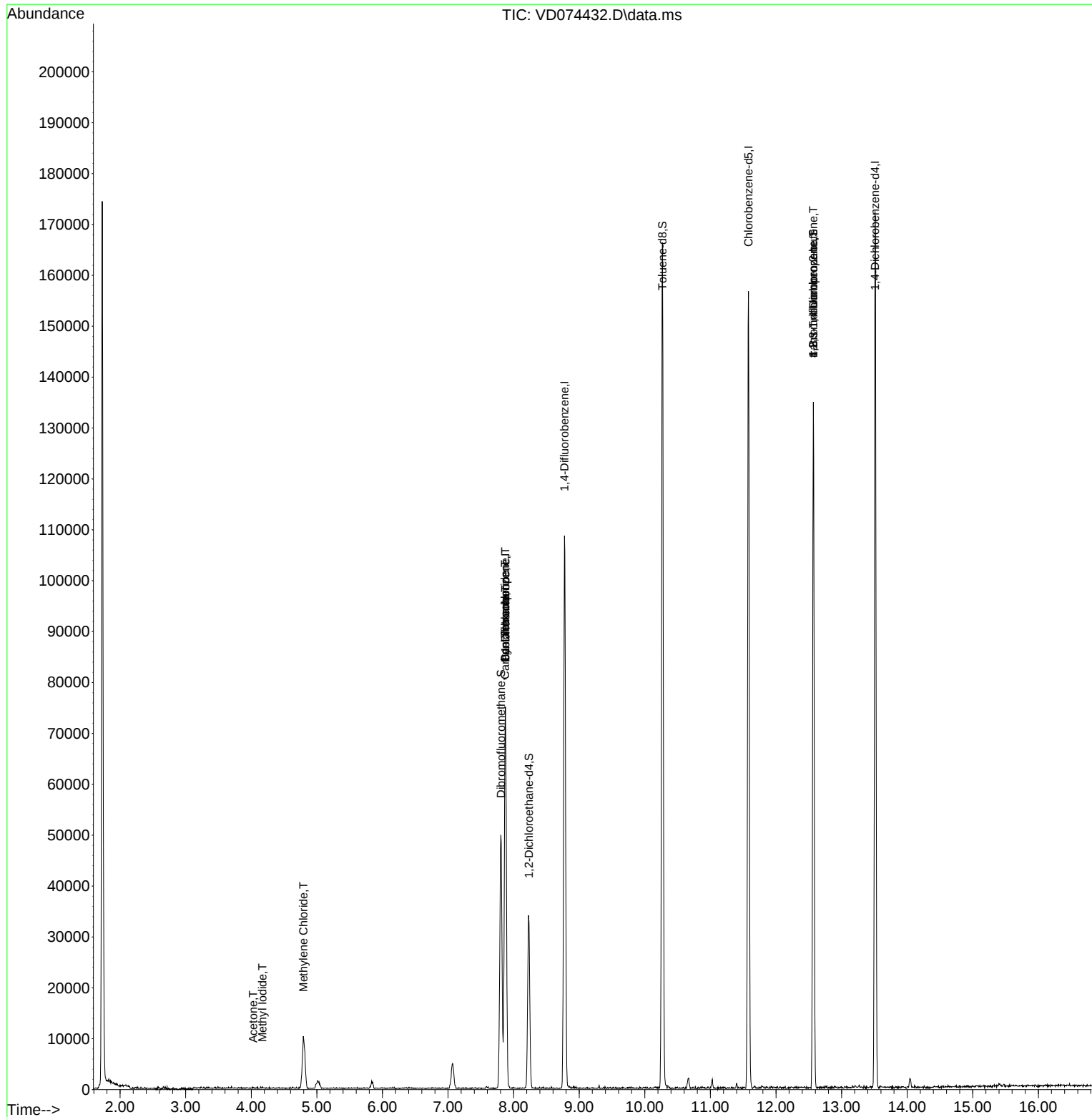
Target Compounds					Qvalue	
3) Chloromethane	2.140	50	165	Below Cal	#	37
10) Methyl Iodide	4.169	142	122	7.358	ug/l #	43
11) Tert butyl alcohol	5.016	59	1511	Below Cal	#	84
16) Acetone	4.028	43	122	1.149	ug/l #	37
20) Methylene Chloride	4.793	84	8758	4.520	ug/l	94
31) Cyclohexane	7.875	56	1035	1.114	ug/l #	12
36) 1,1-Dichloropropene	7.875	75	4255	4.467	ug/l #	47
38) Carbon Tetrachloride	7.869	117	5875	6.445	ug/l #	20
76) 1,2,3-Trichloropropane	12.569	75	20591	52.575	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	20591	128.294	ug/l #	17

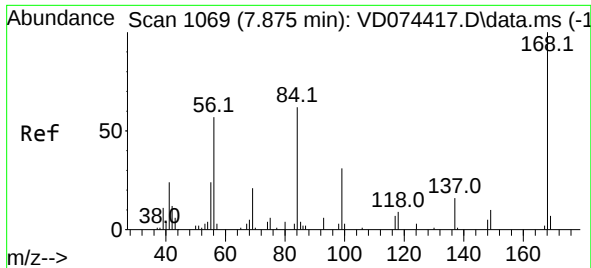
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SASP2-T-1-(17-23)

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Response via : Initial Calibration

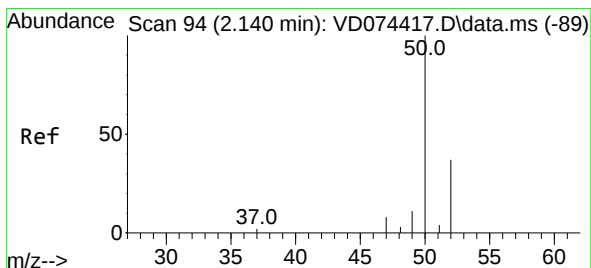
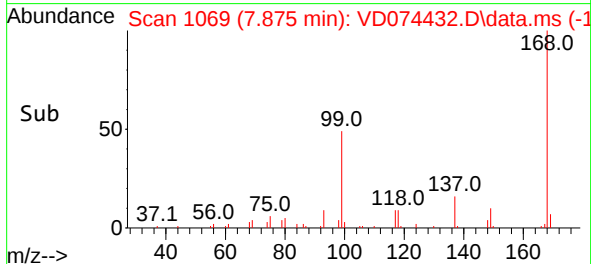
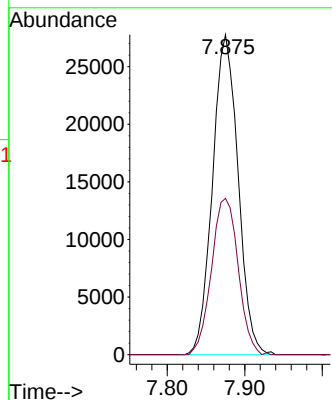
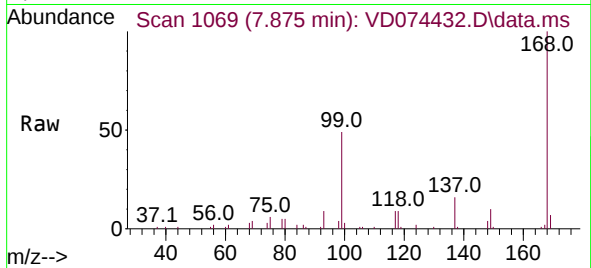




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

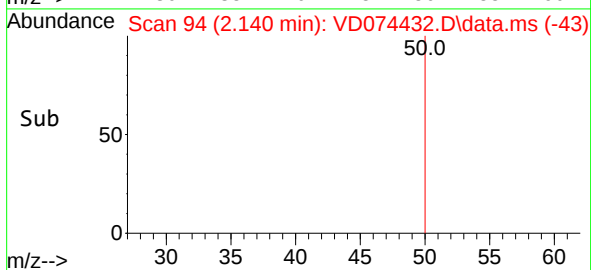
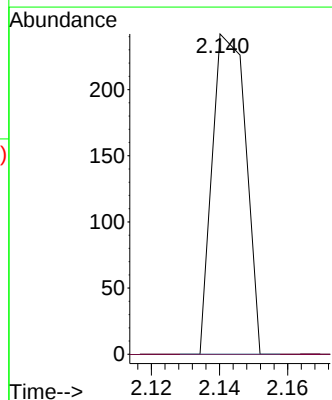
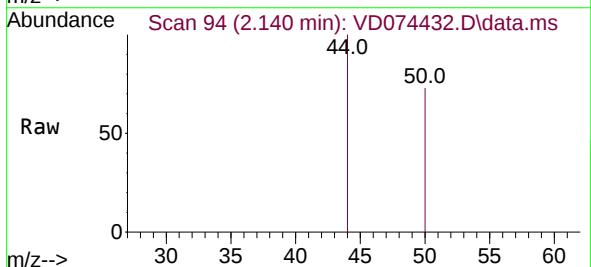
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-1-(17-23)

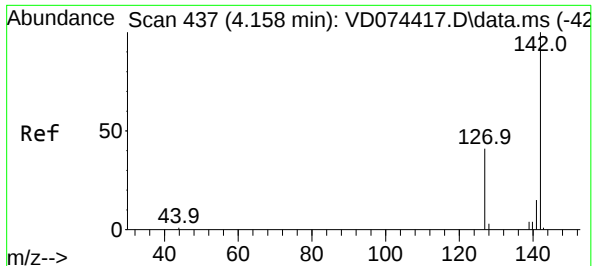
Tgt Ion:168 Resp: 63547
Ion Ratio Lower Upper
168 100
99 48.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

Tgt Ion: 50 Resp: 165
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

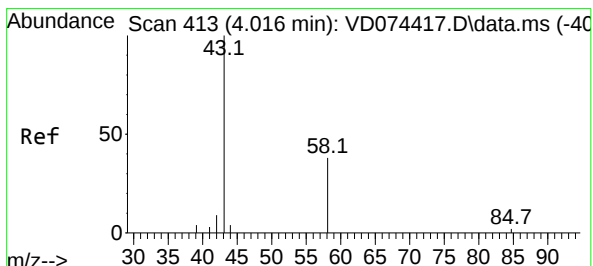
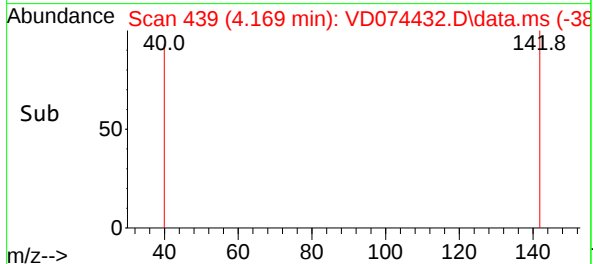
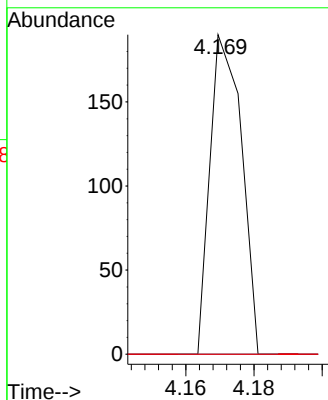
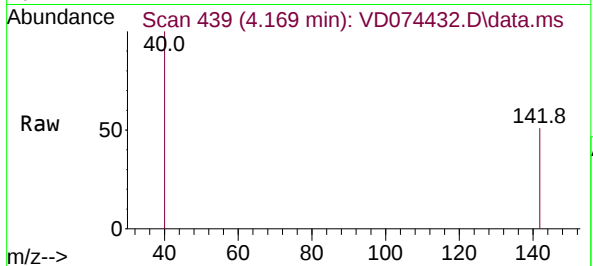




#10
Methyl Iodide
Concen: 7.358 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

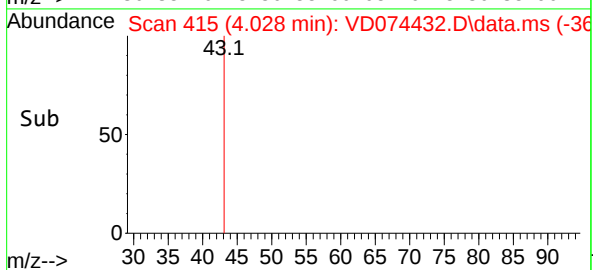
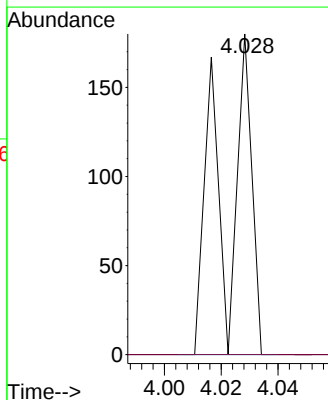
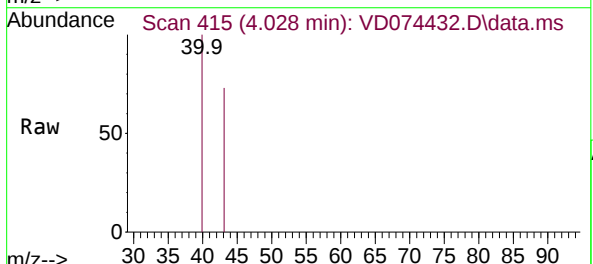
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-1-(17-23)

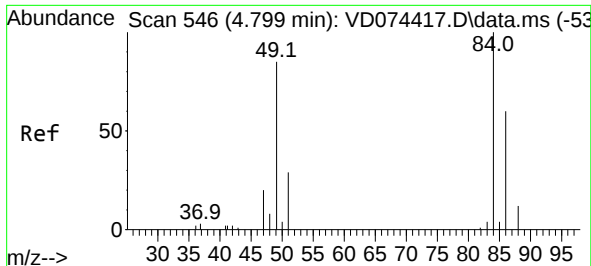
Tgt Ion:142 Resp: 122
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 1.149 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



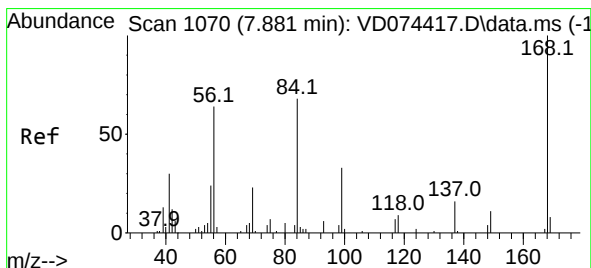
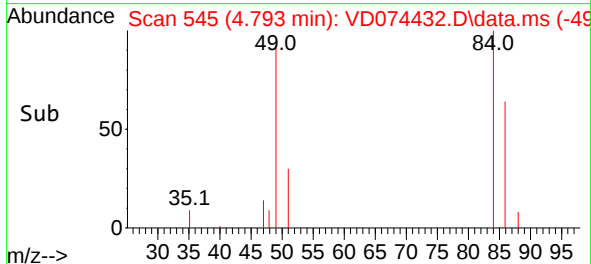
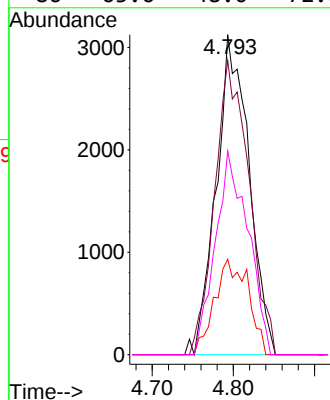
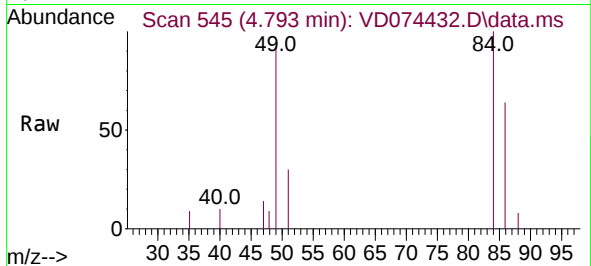


#20
Methylene Chloride
Concen: 4.520 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-1-(17-23)

Tgt Ion: 84 Resp: 8758

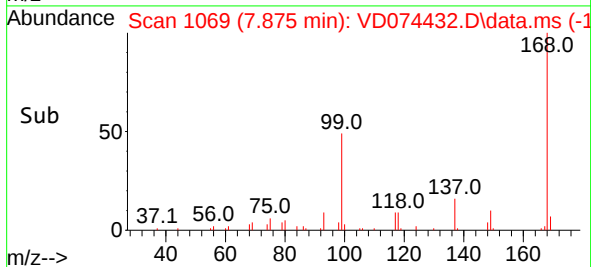
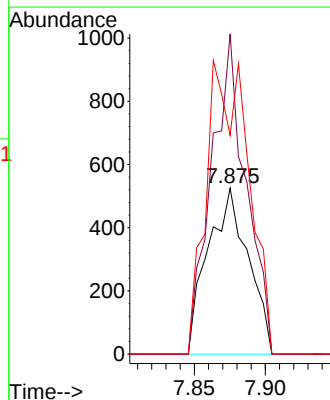
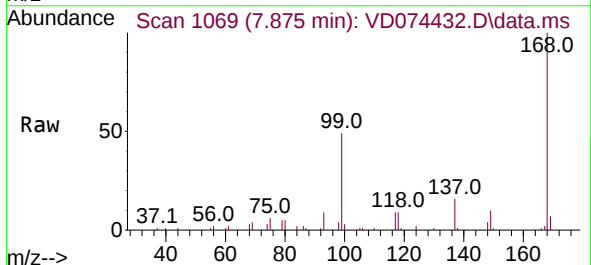
Ion	Ratio	Lower	Upper
84	100		
49	91.9	68.0	102.0
51	29.8	23.2	34.8
86	63.6	48.0	72.0

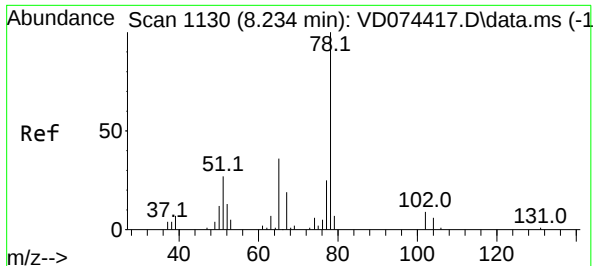


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

Tgt Ion: 56 Resp: 1035

Ion	Ratio	Lower	Upper
56	100		
69	193.0	29.2	43.8#
84	131.8	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 49.581 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074432.D

Acq: 26 Sep 2022 21:24

Instrument :

MSVOA_D

ClientSampleId :

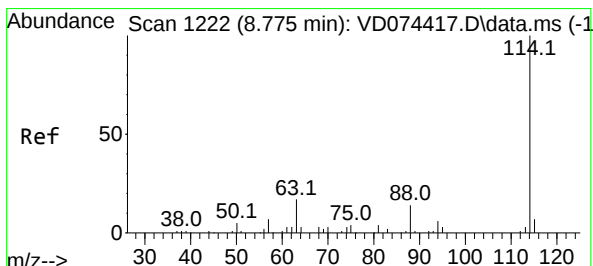
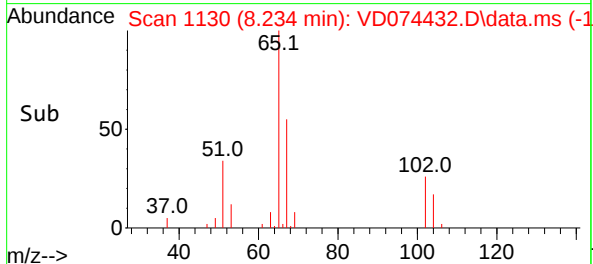
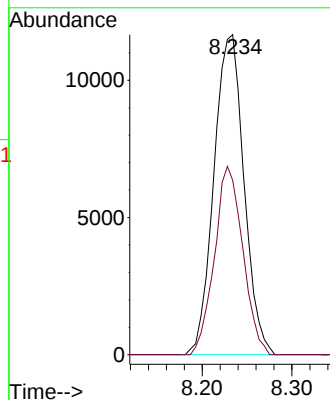
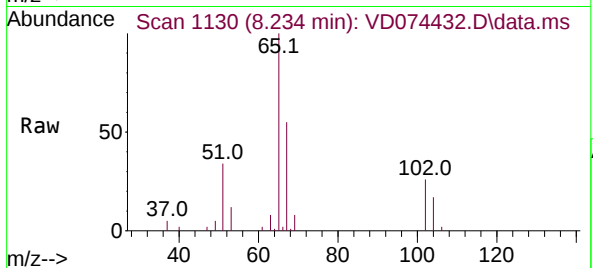
SASP2-T-1-(17-23)

Tgt Ion: 65 Resp: 27126

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074432.D

Acq: 26 Sep 2022 21:24

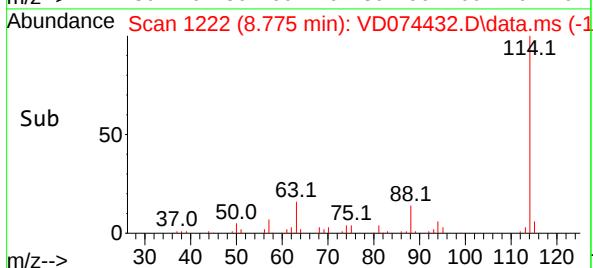
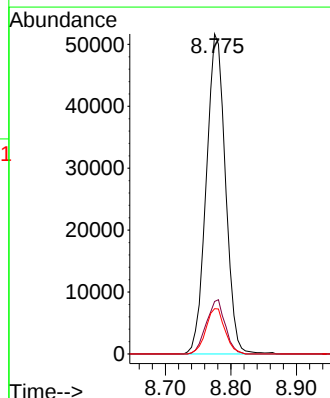
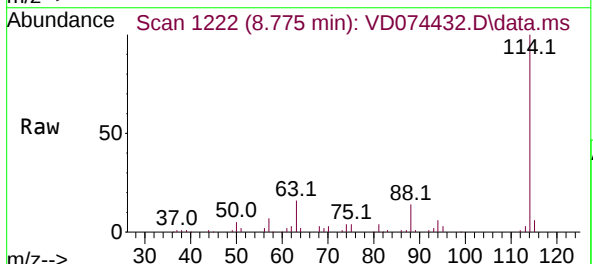
Tgt Ion: 114 Resp: 104899

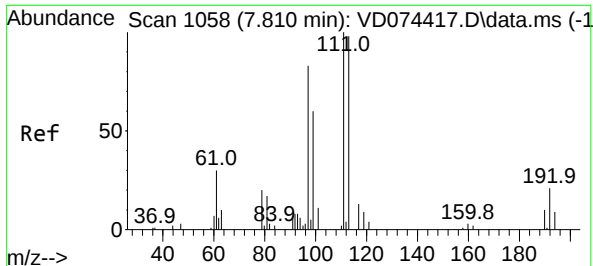
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 14.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 51.722 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD074432.D

Acq: 26 Sep 2022 21:24

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-1-(17-23)

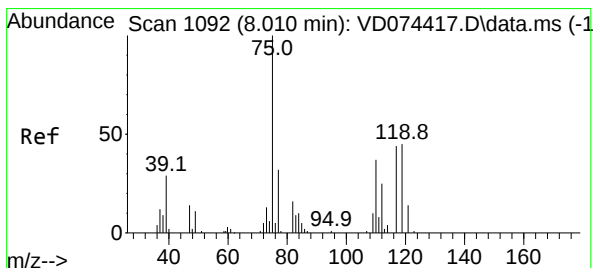
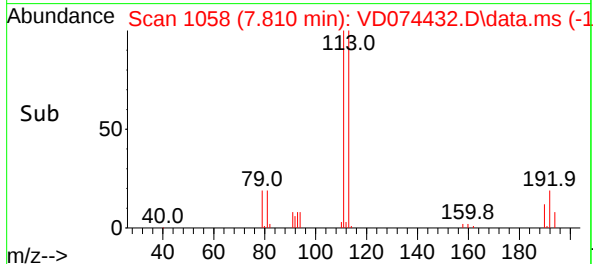
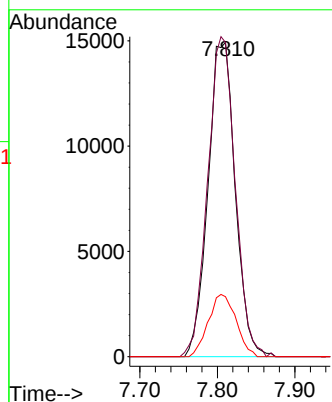
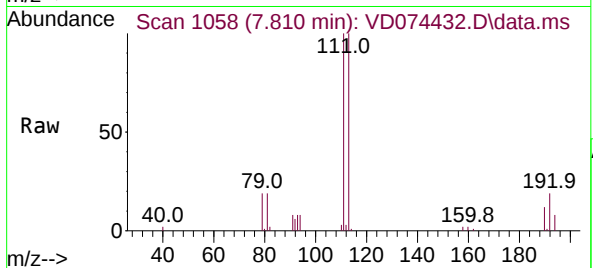
Tgt Ion:113 Resp: 36438

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 20.2 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.467 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD074432.D

Acq: 26 Sep 2022 21:24

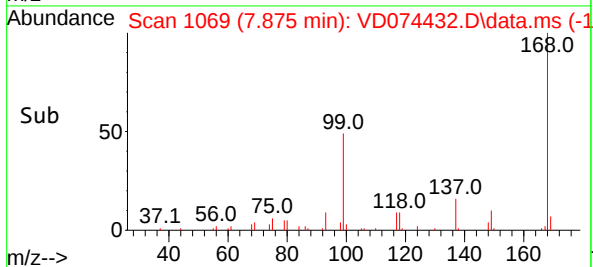
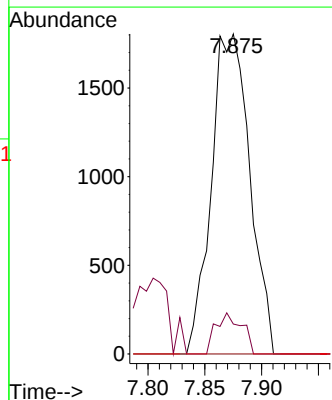
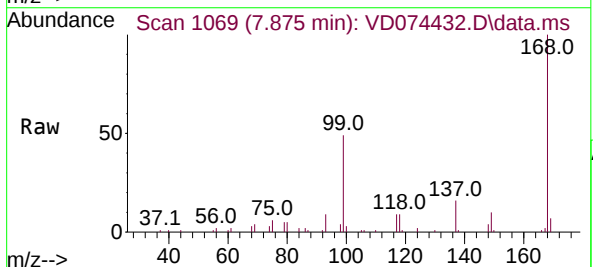
Tgt Ion: 75 Resp: 4255

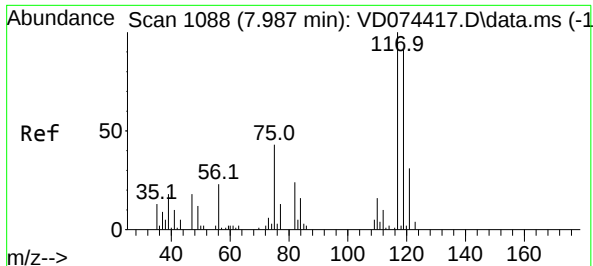
Ion Ratio Lower Upper

75 100

110 8.7 19.7 59.0#

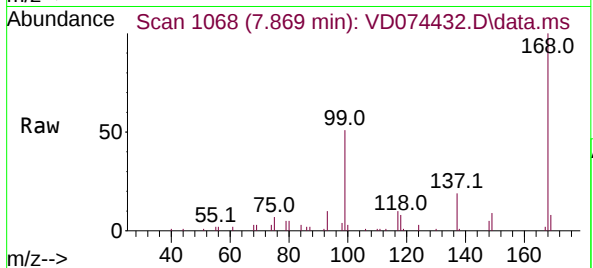
77 0.0 25.4 38.2#



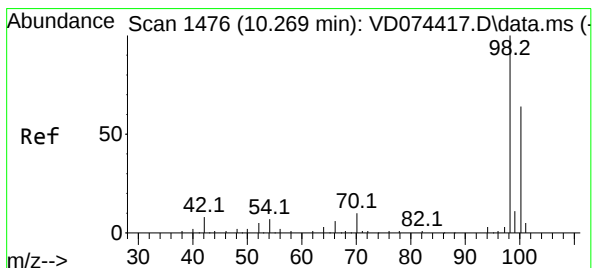
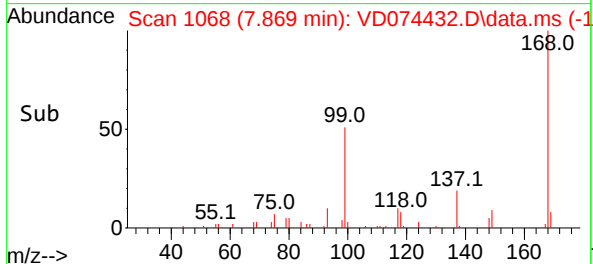
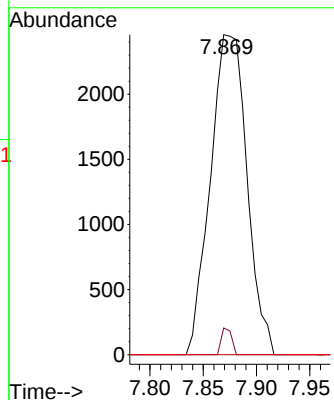


#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-1-(17-23)

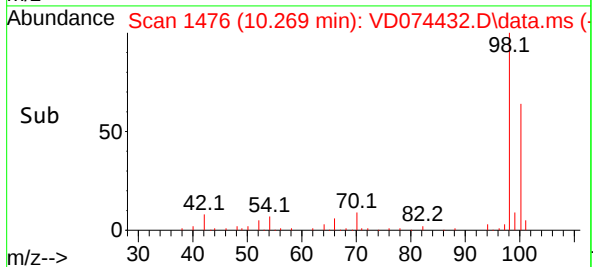
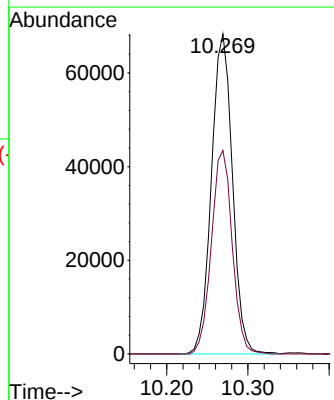
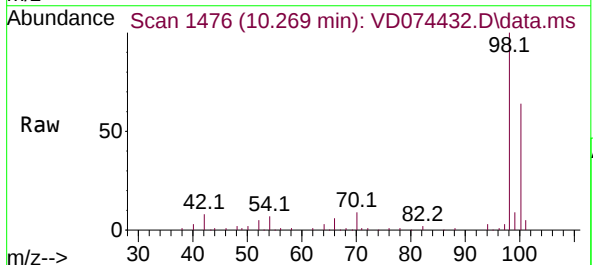


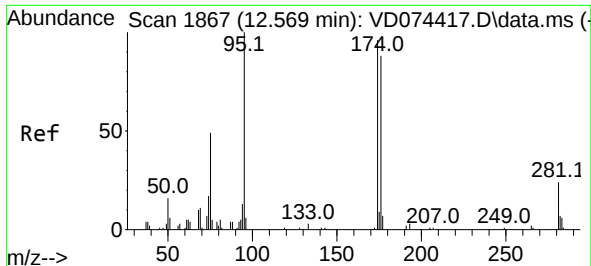
Tgt Ion:117 Resp: 5875
Ion Ratio Lower Upper
117 100
119 8.3 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.528 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

Tgt Ion: 98 Resp: 122923
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0

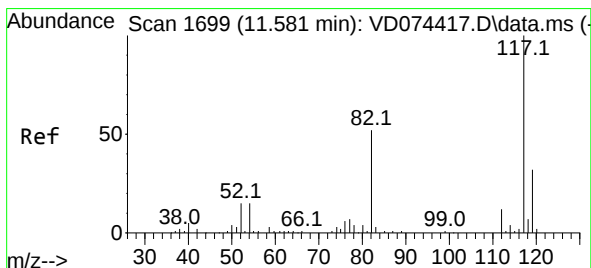
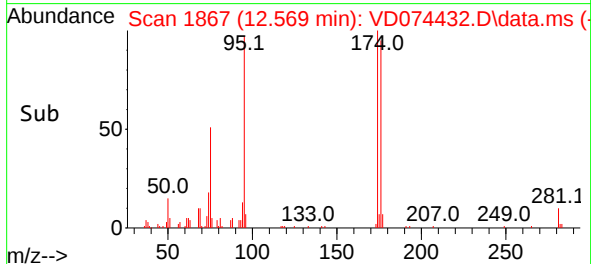
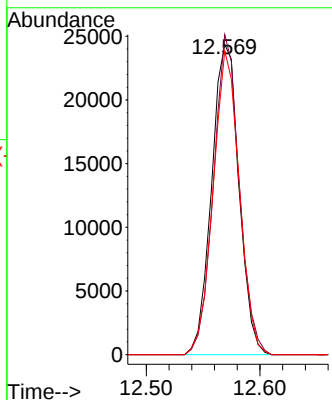
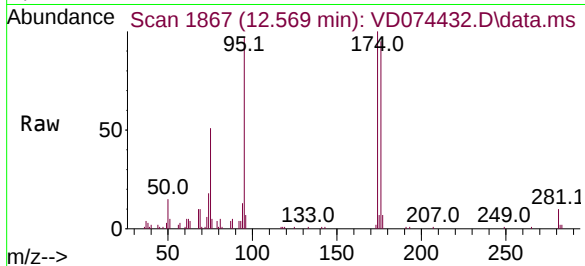




#62
4-Bromofluorobenzene
Concen: 48.590 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

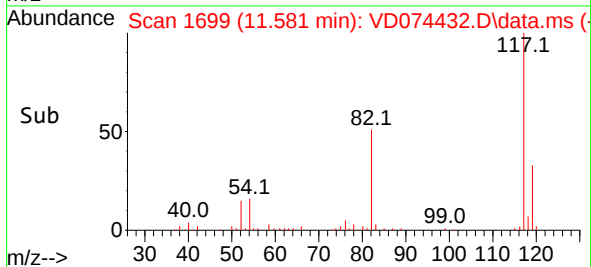
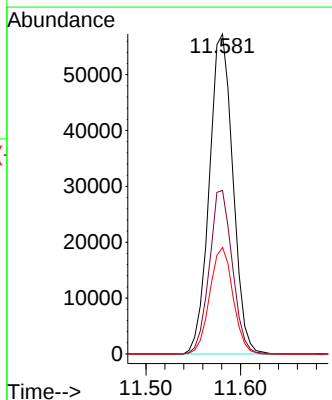
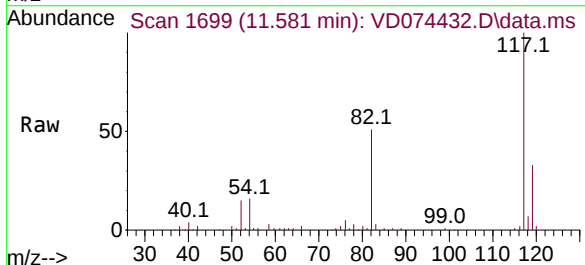
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-1-(17-23)

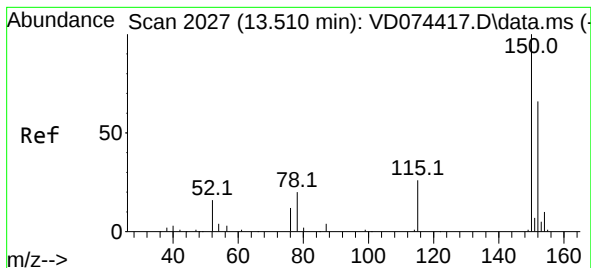
Tgt Ion: 95 Resp: 40610
Ion Ratio Lower Upper
95 100
174 97.1 0.0 197.0
176 94.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074432.D
Acq: 26 Sep 2022 21:24

Tgt Ion: 117 Resp: 99330
Ion Ratio Lower Upper
117 100
82 51.1 41.6 62.4
119 33.3 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074432.D

Acq: 26 Sep 2022 21:24

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-1-(17-23)

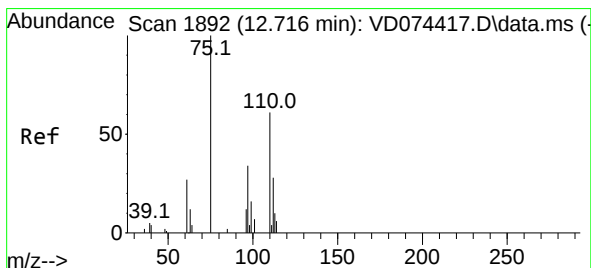
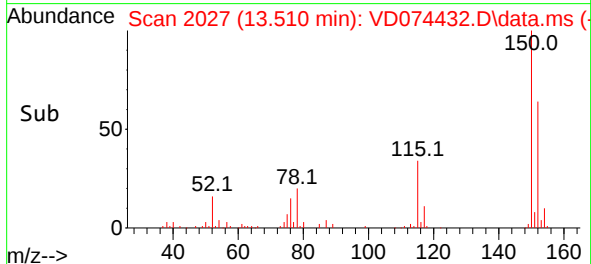
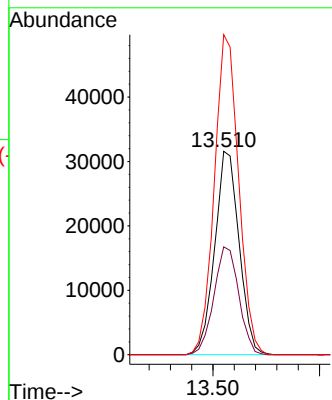
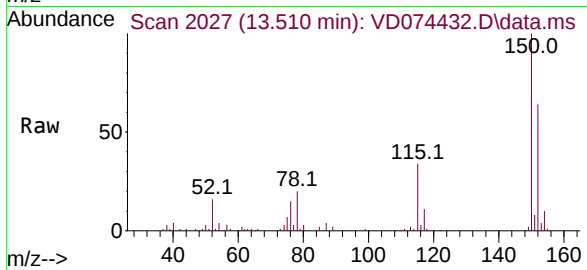
Tgt Ion:152 Resp: 50074

Ion Ratio Lower Upper

152 100

115 54.2 26.8 80.4

150 156.7 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 52.575 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.147 min

Lab File: VD074432.D

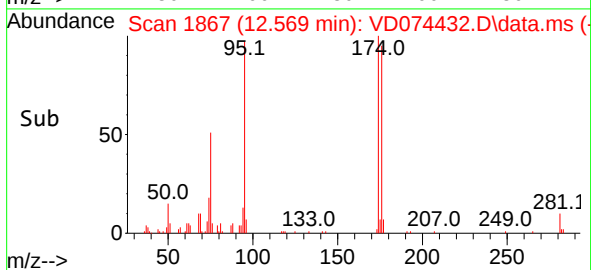
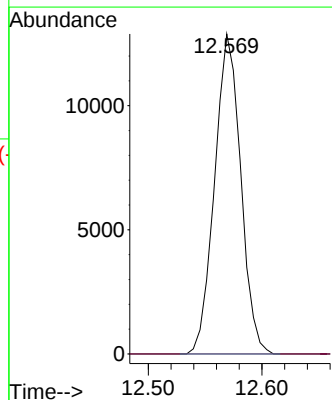
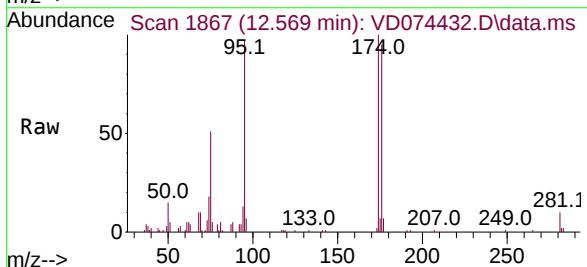
Acq: 26 Sep 2022 21:24

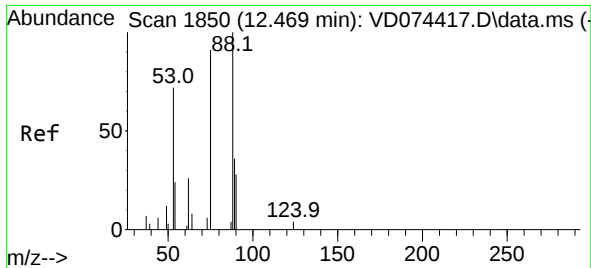
Tgt Ion: 75 Resp: 20591

Ion Ratio Lower Upper

75 100

77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.294 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074432.D
 Acq: 26 Sep 2022 21:24

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-1-(17-23)

Tgt Ion: 75 Resp: 20591
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

