

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074431.D
 Acq On : 26 Sep 2022 20:55
 Operator : VA/SY
 Sample : N4803-01
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 04:11:49 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	62653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	103838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	99148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25754	47.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.500%
35) Dibromofluoromethane	7.804	113	35133	50.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.269	98	120513	51.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.569	95	38570	46.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.700%

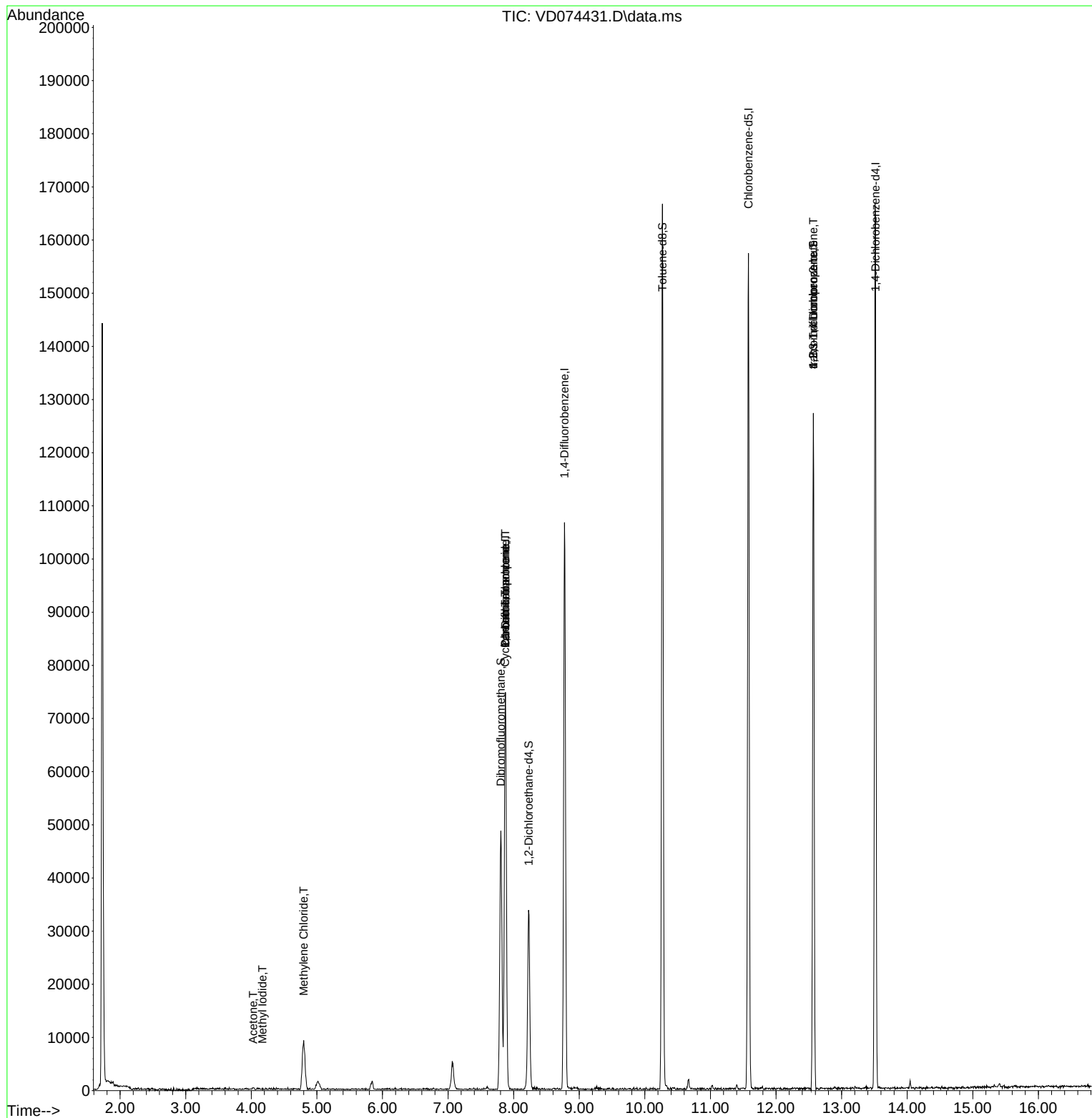
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.152	50	202	Below Cal	#	37
10) Methyl Iodide	4.169	142	56	7.284	ug/l #	43
11) Tert butyl alcohol	5.022	59	1336	Below Cal	#	84
16) Acetone	4.028	43	348	3.326	ug/l #	37
20) Methylene Chloride	4.799	84	8162	3.831	ug/l #	83
31) Cyclohexane	7.869	56	991	1.082	ug/l #	5
36) 1,1-Dichloropropene	7.875	75	4135	4.385	ug/l #	44
38) Carbon Tetrachloride	7.875	117	6118	6.780	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	19139	49.536	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	19139	120.879	ug/l #	17

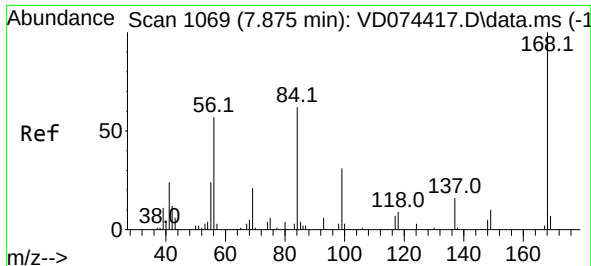
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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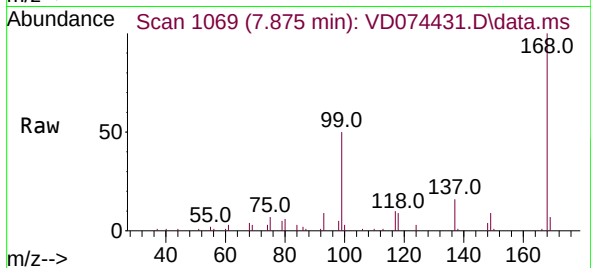
Quant Time: Sep 27 04:11:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
Response via : Initial Calibration



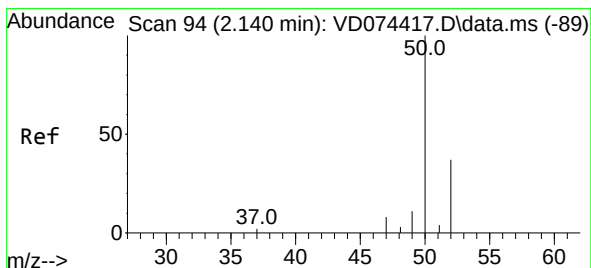
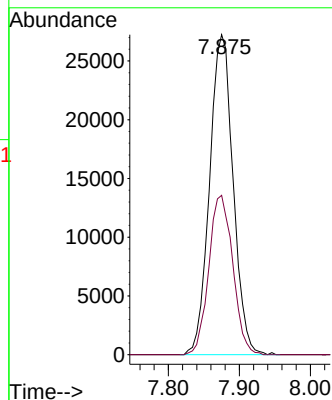
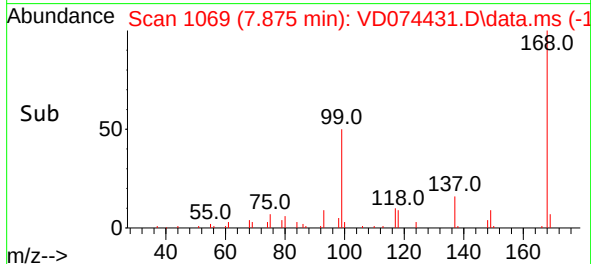


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

Instrument :
MSVOA_D
ClientSampleId :

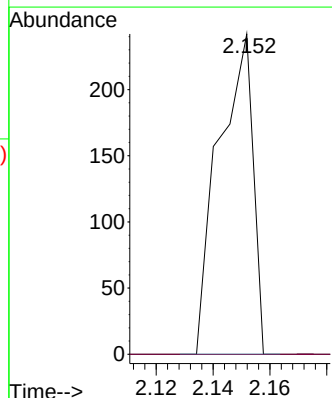
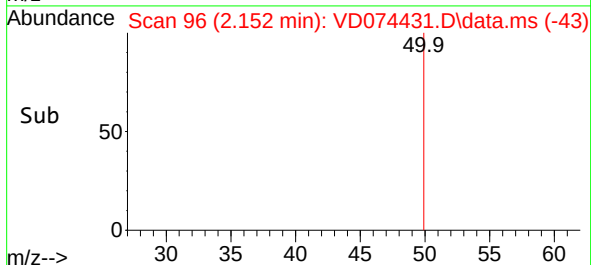
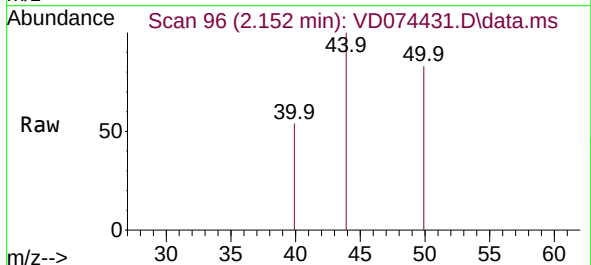


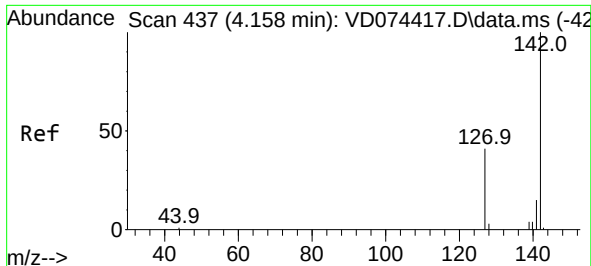
Tgt Ion:168 Resp: 62653
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.012 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

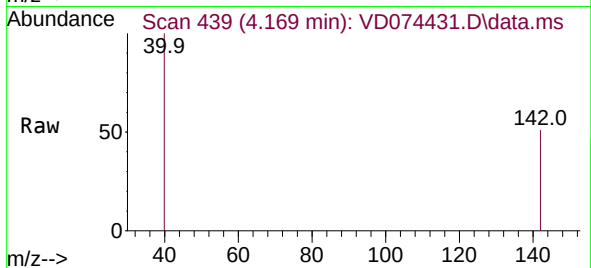
Tgt Ion: 50 Resp: 202
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#



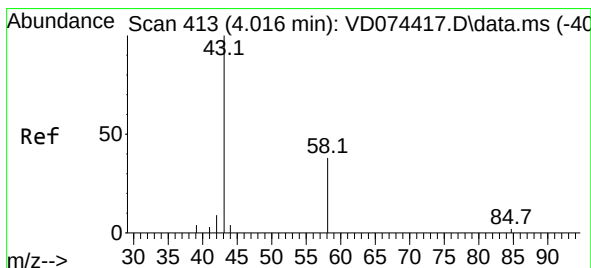
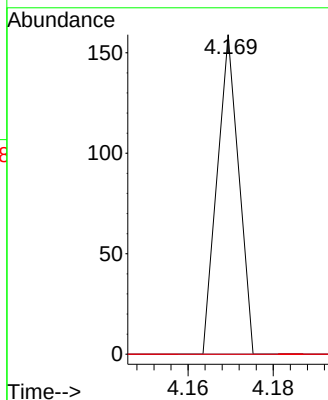
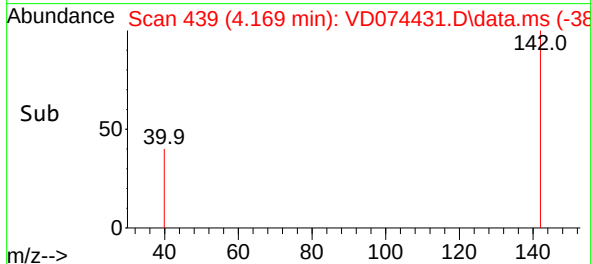


#10
Methyl Iodide
Concen: 7.284 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

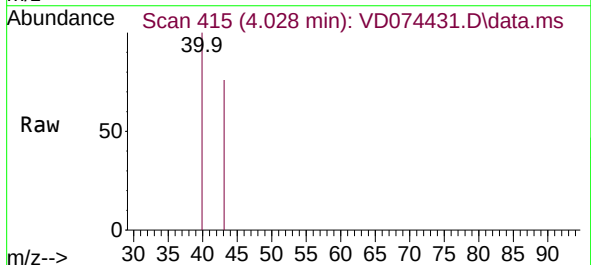
Instrument :
MSVOA_D
ClientSampleId :



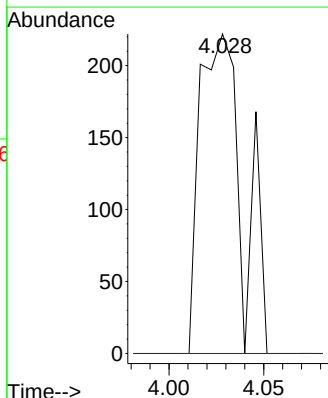
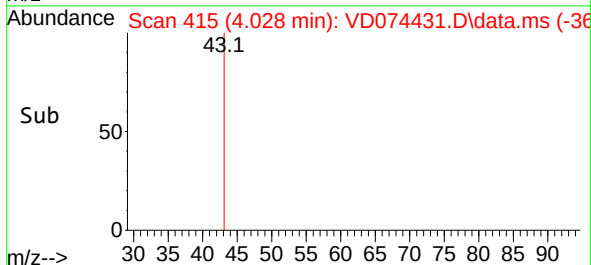
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

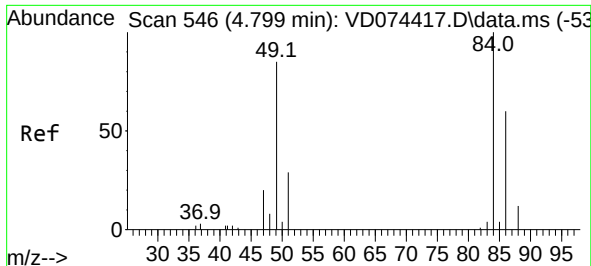


#16
Acetone
Concen: 3.326 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55



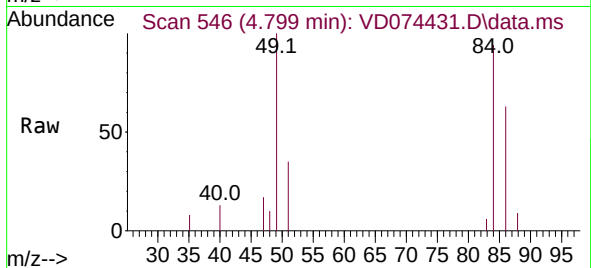
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



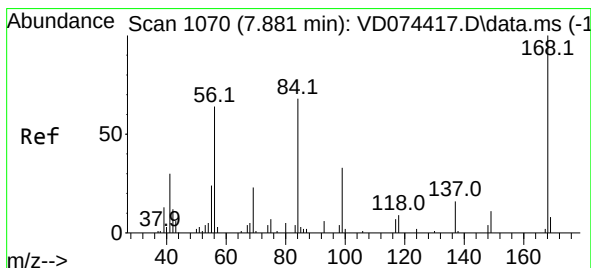
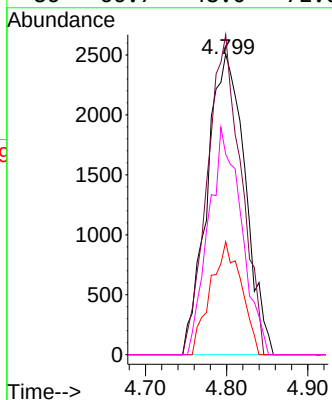
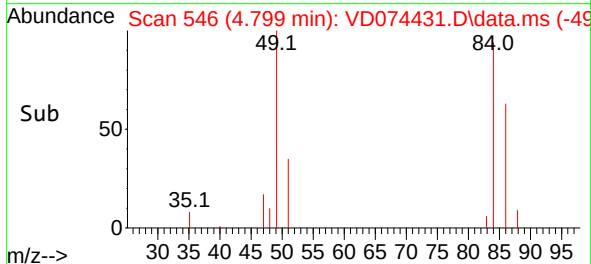


#20
Methylene Chloride
Concen: 3.831 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

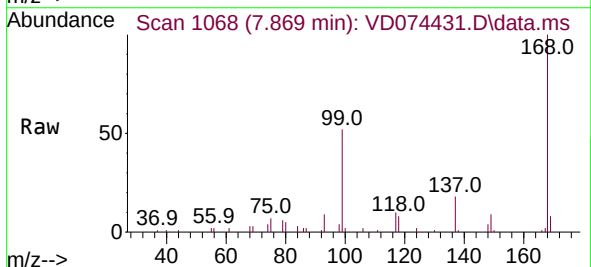
Instrument :
MSVOA_D
ClientSampleId :



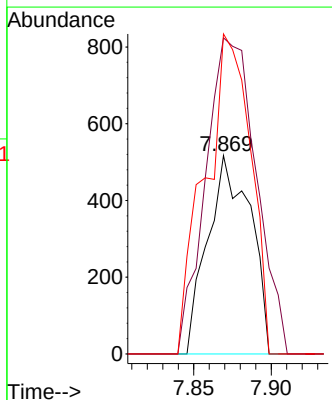
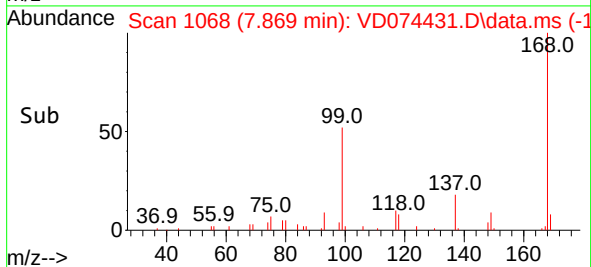
Tgt Ion:	84	Resp:	8162
Ion	Ratio	Lower	Upper
84	100		
49	106.5	68.0	102.0#
51	37.6	23.2	34.8#
86	66.7	48.0	72.0

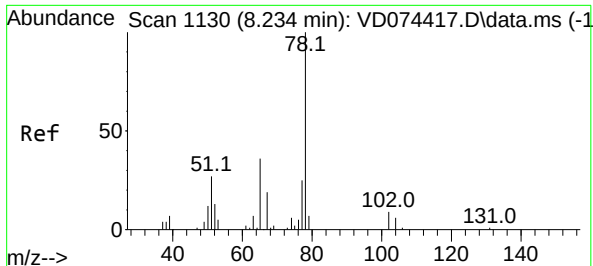


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55



Tgt Ion:	56	Resp:	991
Ion	Ratio	Lower	Upper
56	100		
69	159.4	29.2	43.8#
84	161.3	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 47.745 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074431.D

Acq: 26 Sep 2022 20:55

Instrument :

MSVOA_D

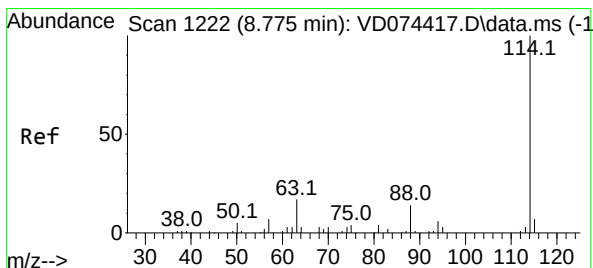
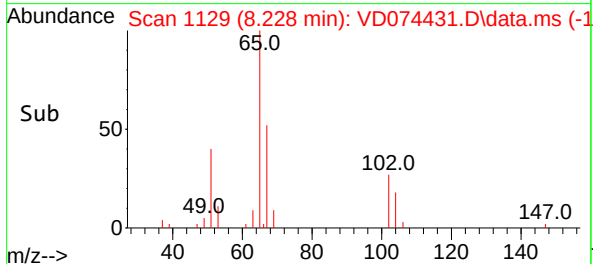
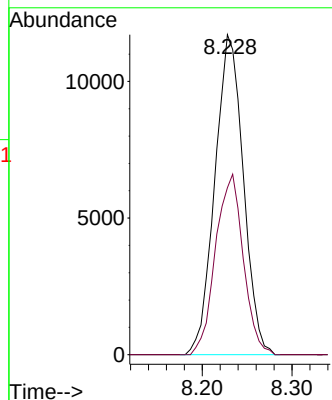
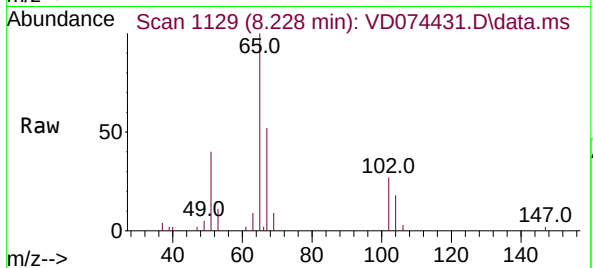
ClientSampleId :

Tgt Ion: 65 Resp: 25754

Ion Ratio Lower Upper

65 100

67 55.0 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: VD074431.D

Acq: 26 Sep 2022 20:55

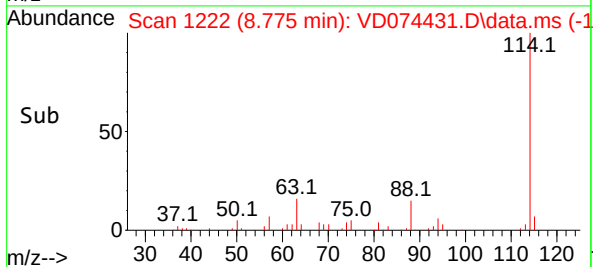
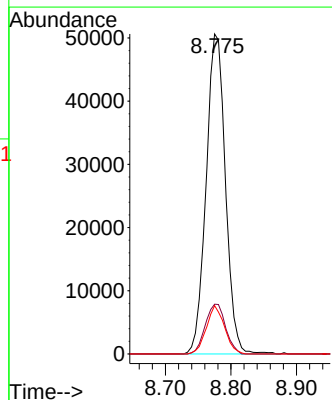
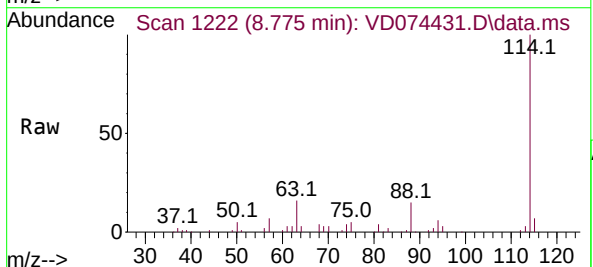
Tgt Ion: 114 Resp: 103838

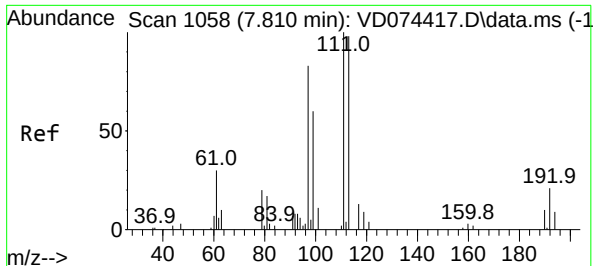
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 50.284 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074431.D

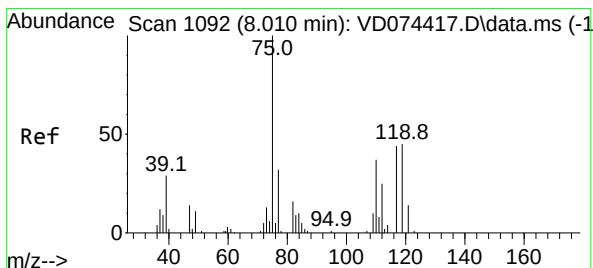
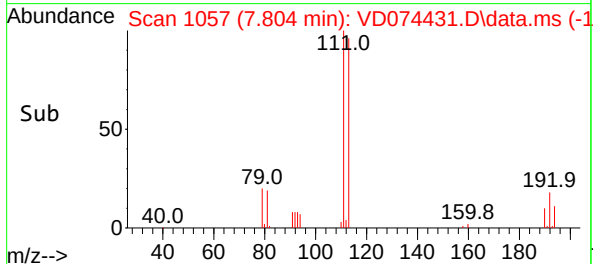
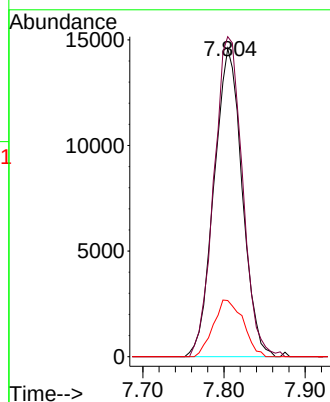
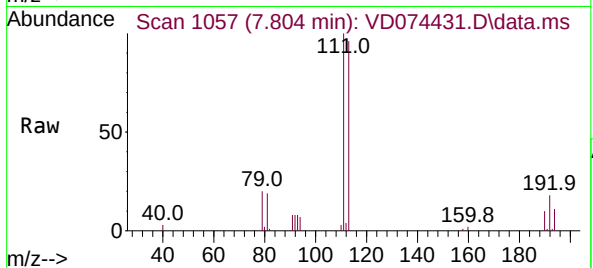
Acq: 26 Sep 2022 20:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:113	Resp:	35133
Ion	Ratio	Lower Upper
113	100	
111	105.5	82.3 123.5
192	19.4	16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.385 ug/l

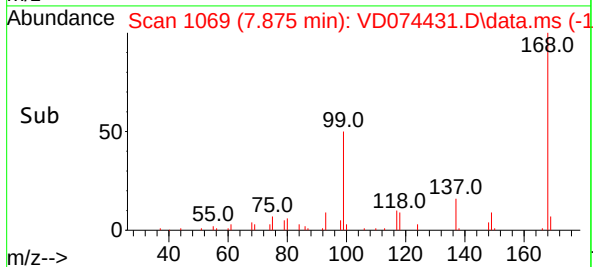
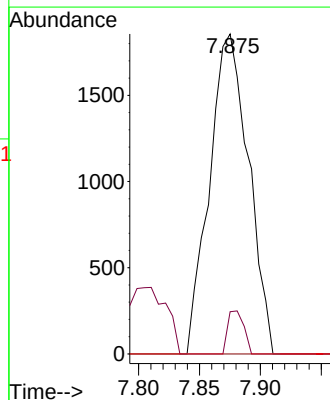
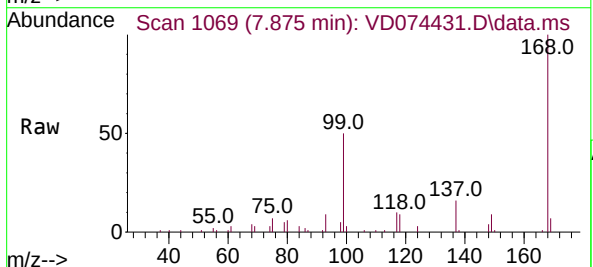
RT: 7.875 min Scan# 1069

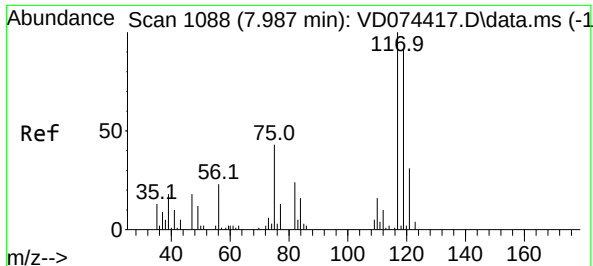
Delta R.T. -0.135 min

Lab File: VD074431.D

Acq: 26 Sep 2022 20:55

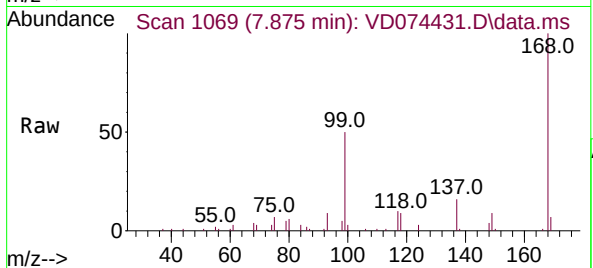
Tgt Ion: 75	Resp:	4135
Ion	Ratio	Lower Upper
75	100	
110	5.6	19.7 59.0#
77	0.0	25.4 38.2#



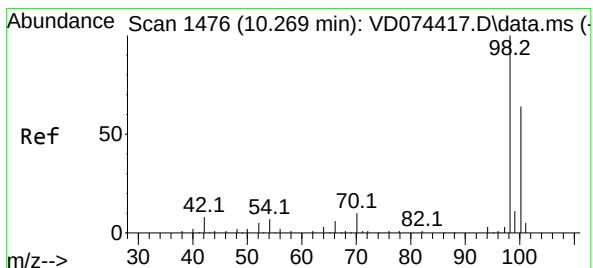
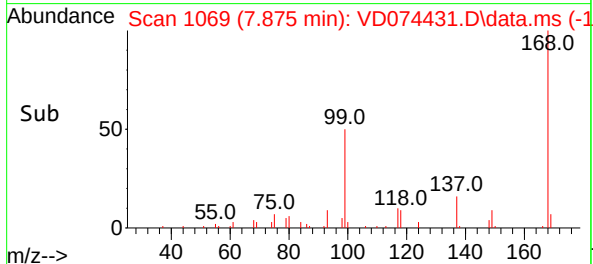
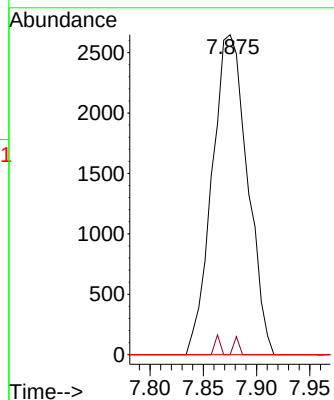


#38
Carbon Tetrachloride
Concen: 6.780 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

Instrument :
MSVOA_D
ClientSampleId :

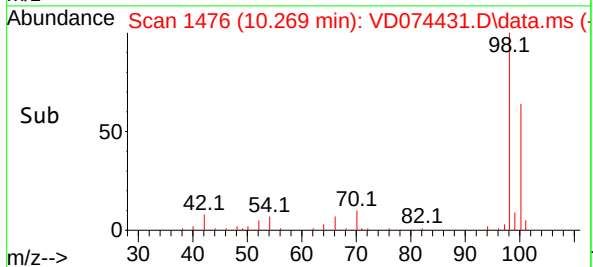
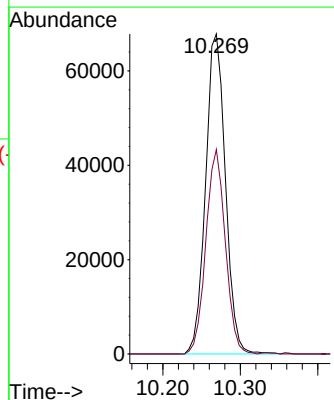
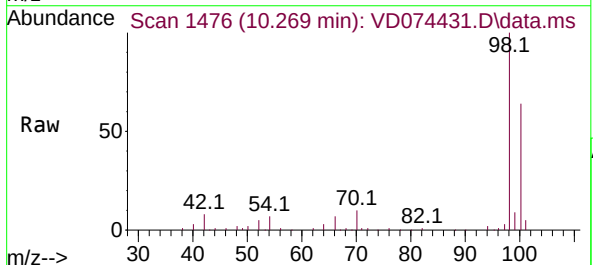


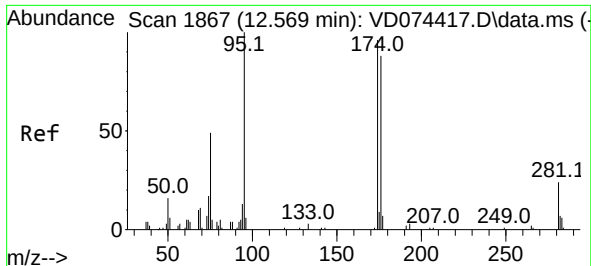
Tgt Ion:117 Resp: 6118
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.034 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

Tgt Ion: 98 Resp: 120513
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.0

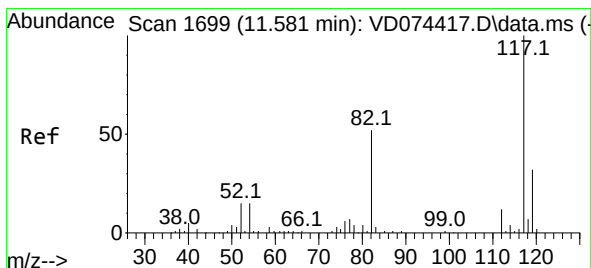
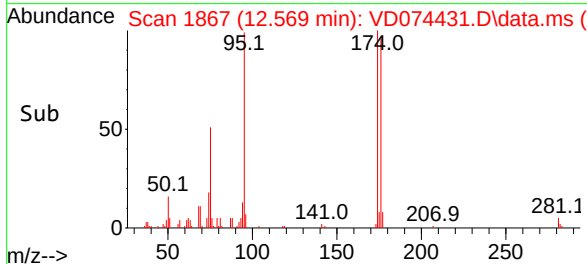
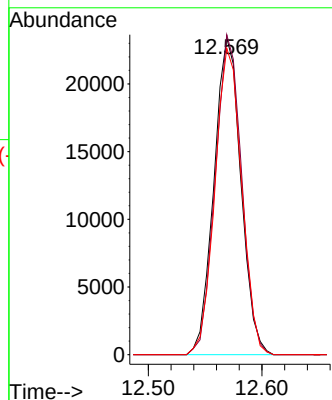
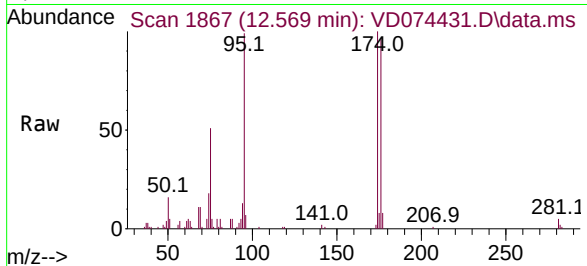




#62
4-Bromofluorobenzene
Concen: 46.347 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

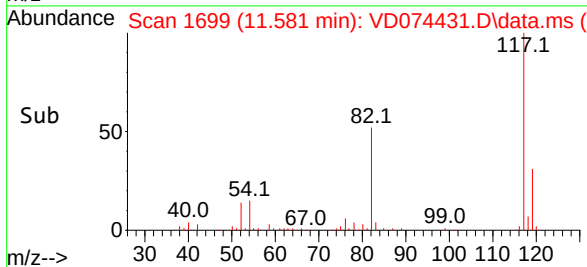
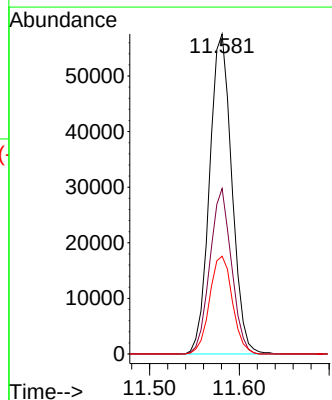
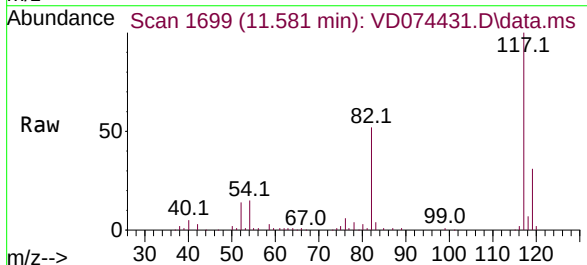
Instrument :
MSVOA_D
ClientSampleId :

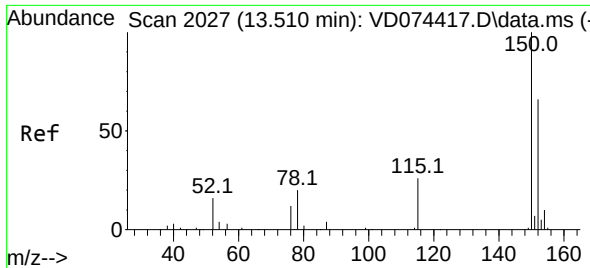
Tgt Ion: 95 Resp: 38570
Ion Ratio Lower Upper
95 100
174 98.5 0.0 197.0
176 95.9 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074431.D
Acq: 26 Sep 2022 20:55

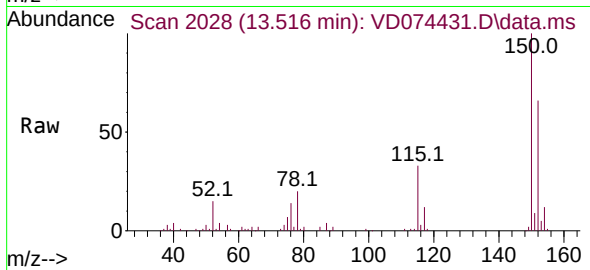
Tgt Ion: 117 Resp: 99148
Ion Ratio Lower Upper
117 100
82 51.7 41.6 62.4
119 30.6 25.2 37.8



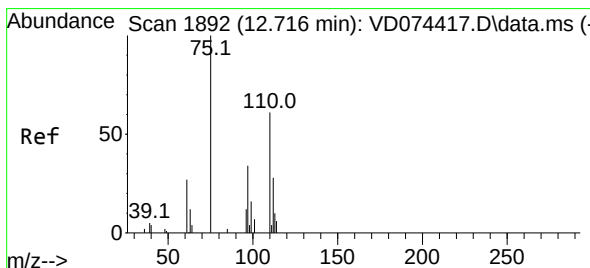
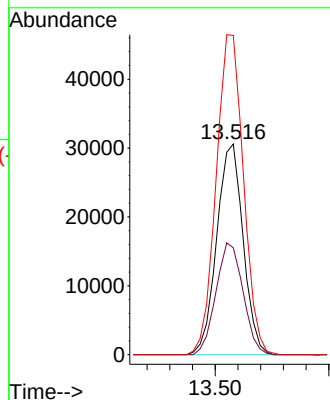
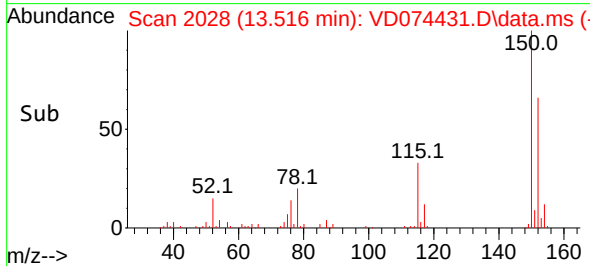


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074431.D
 Acq: 26 Sep 2022 20:55

Instrument :
 MSVOA_D
 ClientSampleId :

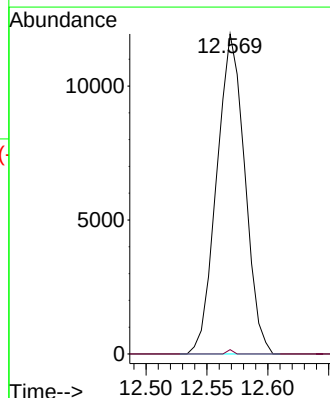
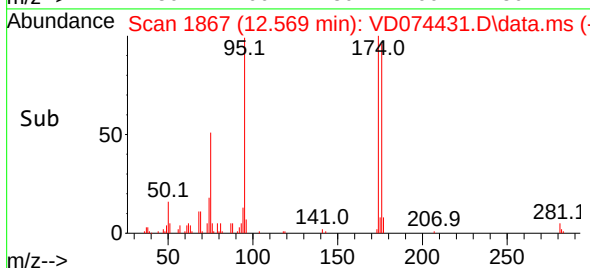
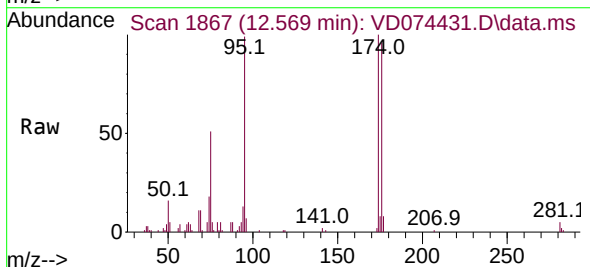


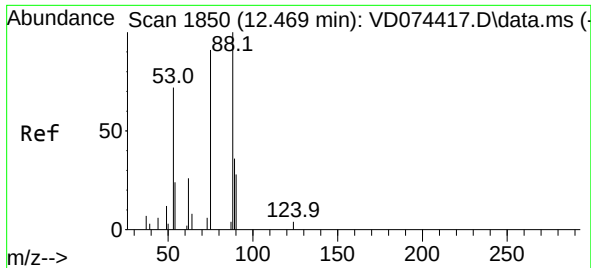
Tgt Ion:152 Resp: 49398
 Ion Ratio Lower Upper
 152 100
 115 54.4 26.8 80.4
 150 157.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 49.536 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074431.D
 Acq: 26 Sep 2022 20:55

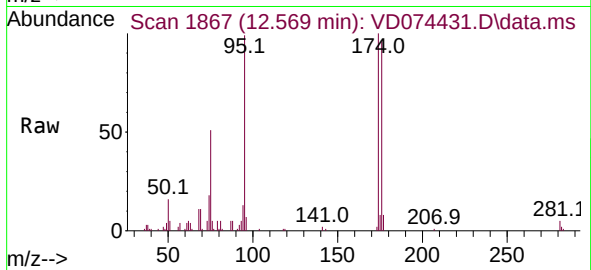
Tgt Ion: 75 Resp: 19139
 Ion Ratio Lower Upper
 75 100
 77 0.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.879 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074431.D
 Acq: 26 Sep 2022 20:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	19139
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

