

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076143.D
 Acq On : 18 May 2023 16:30
 Operator : KP/SY
 Sample : 02823-01RE
 Misc : 5.07G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-051723

Quant Time: May 19 01:54:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	400867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	395144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	171472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	136643	69.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.260%
35) Dibromofluoromethane	7.804	113	170470	61.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.040%
50) Toluene-d8	10.269	98	548875	50.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.575	95	163727	54.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.140%

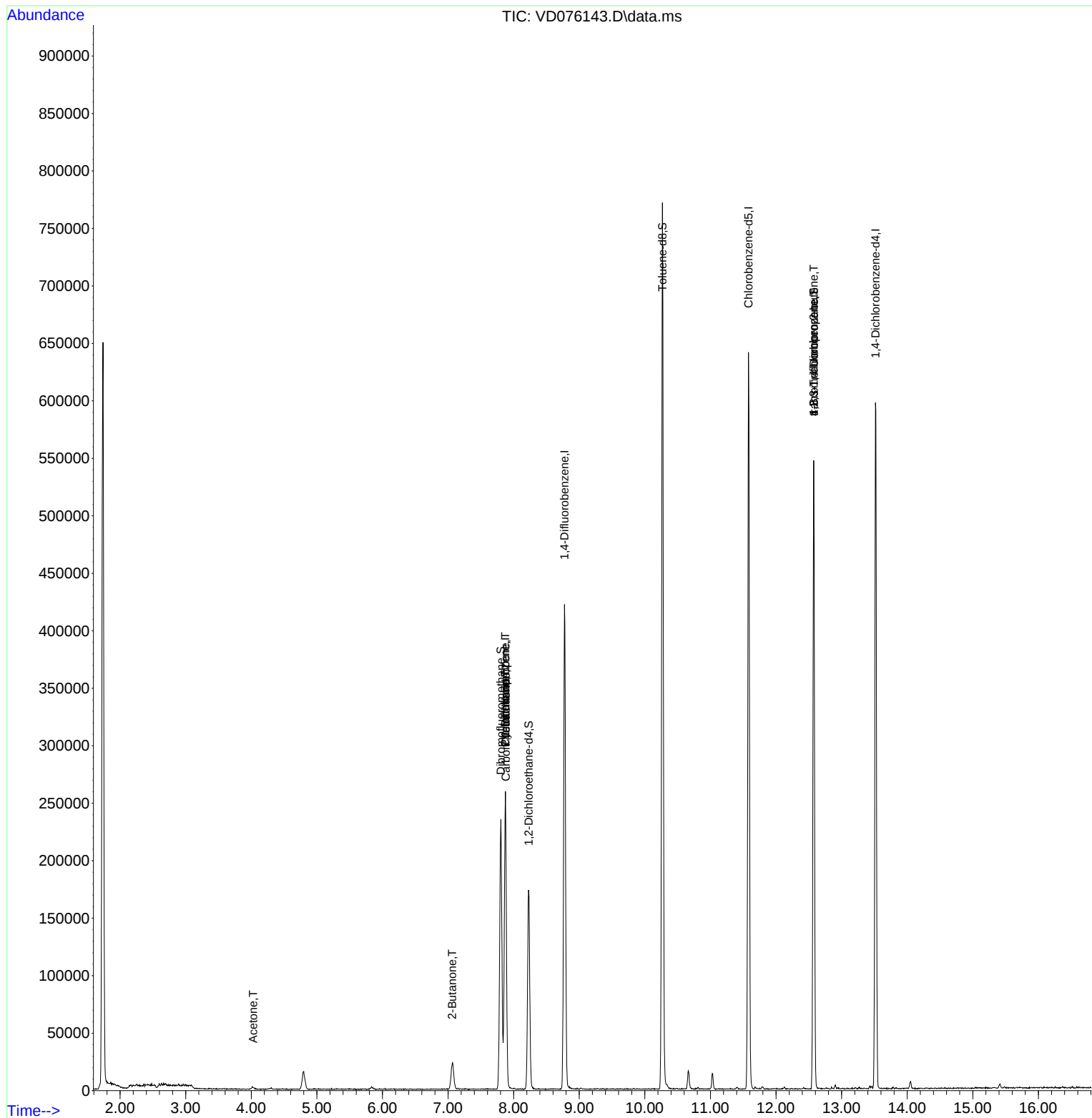
Target Compounds					Qvalue	
3) Chloromethane	2.140	50	318	Below Cal	#	64
16) Acetone	4.028	43	2791	7.097	ug/l #	77
17) Carbon Disulfide	4.269	76	100	Below Cal	#	73
20) Methylene Chloride	4.799	84	13383	Below Cal	#	79
25) 2-Butanone	7.063	43	582	1.177	ug/l #	50
31) Cyclohexane	7.875	56	4098	1.354	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15415	4.119	ug/l #	49
38) Carbon Tetrachloride	7.881	117	18580	5.497	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	83887	55.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	83887	117.280	ug/l #	5

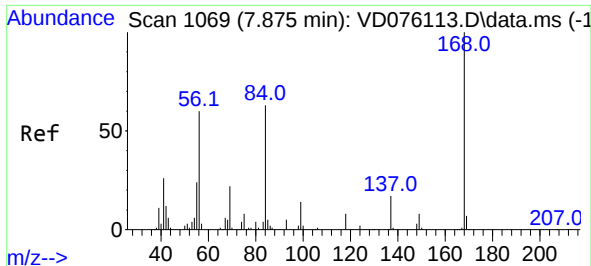
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
HD-01-051723

Quant Time: May 19 01:54:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

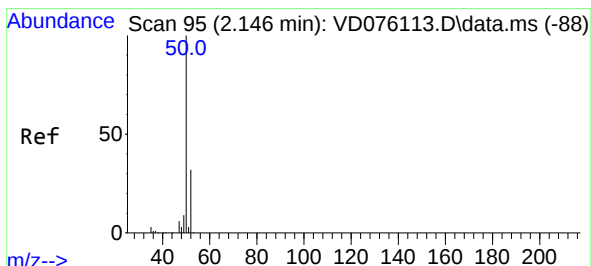
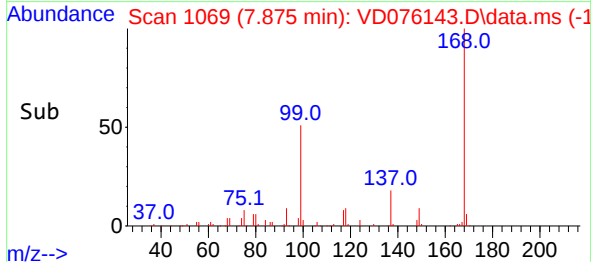
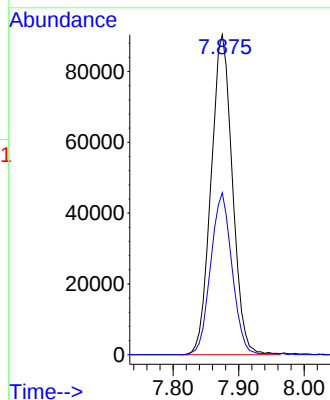
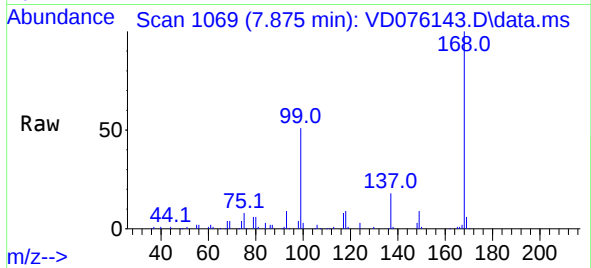




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

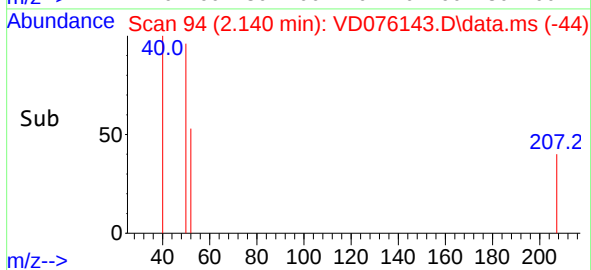
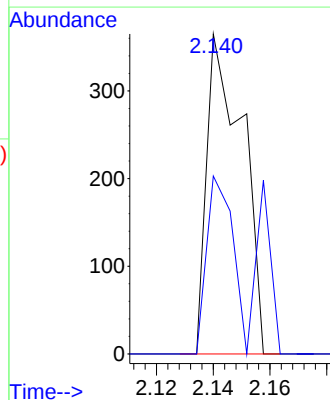
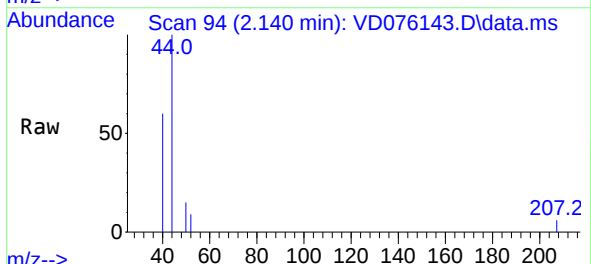
Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

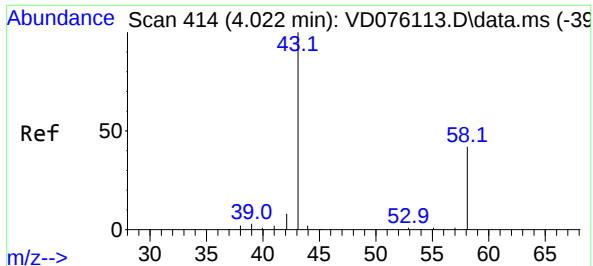
Tgt Ion:168 Resp: 204513
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 55.6 27.8 41.8#

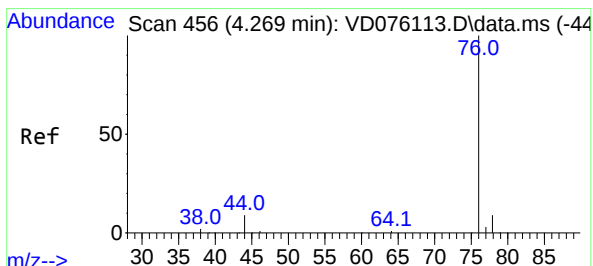
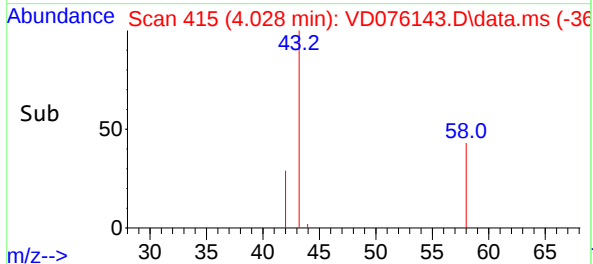
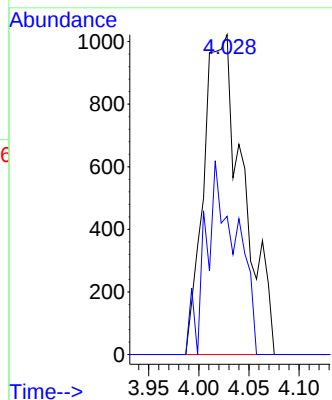
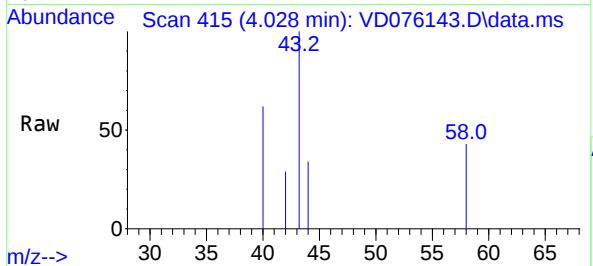




#16
Acetone
Concen: 7.097 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

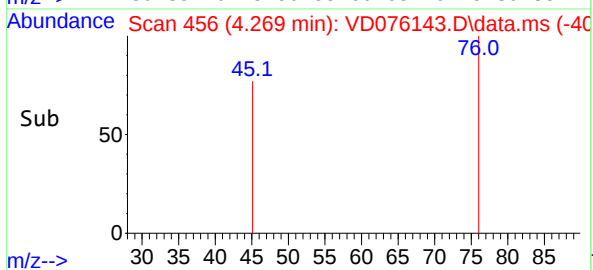
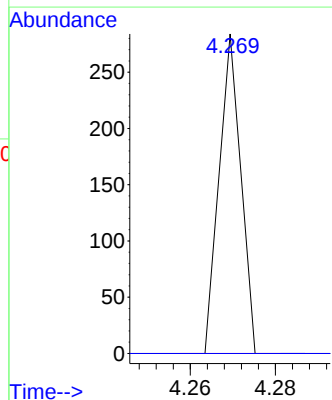
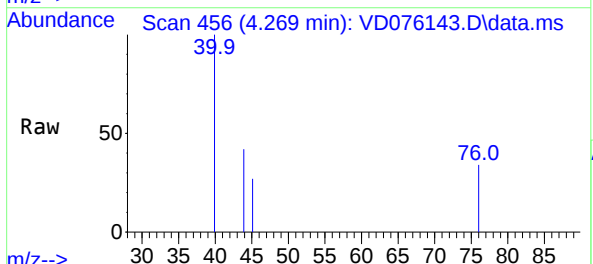
Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

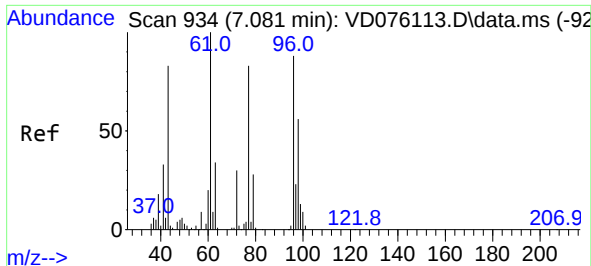
Tgt Ion: 43 Resp: 2791
Ion Ratio Lower Upper
43 100
58 43.2 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Tgt Ion: 76 Resp: 100
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

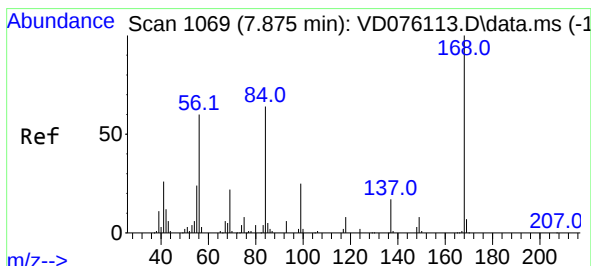
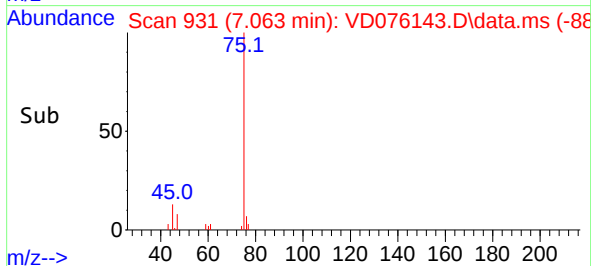
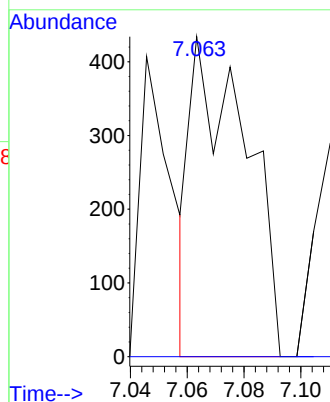
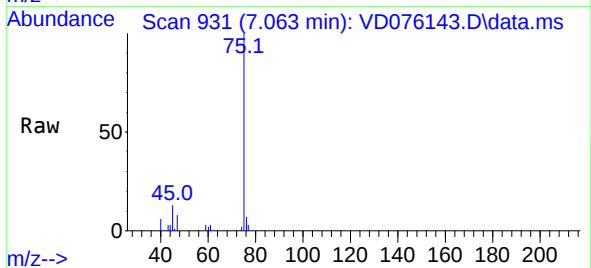




#25
2-Butanone
Concen: 1.177 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

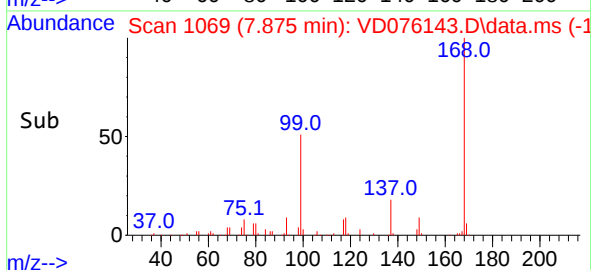
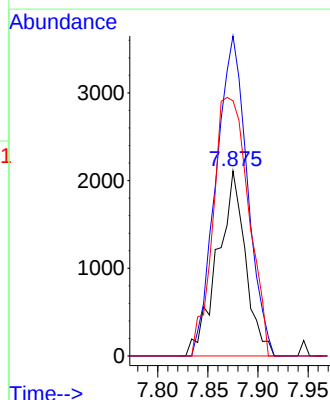
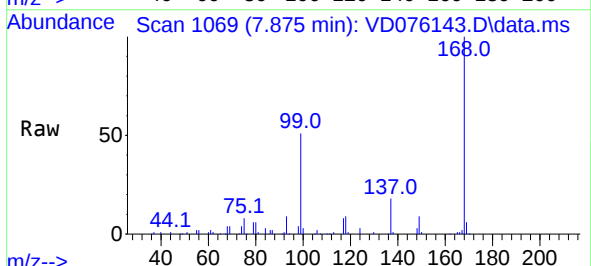
Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

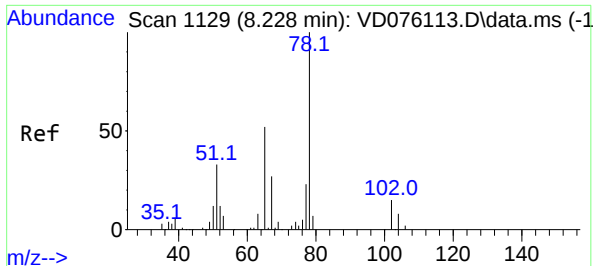
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Tgt Ion: 56 Resp: 4098
Ion Ratio Lower Upper
56 100
69 172.9 25.5 38.3#
84 138.0 69.6 104.4#

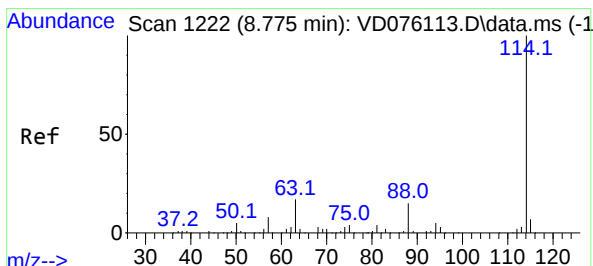
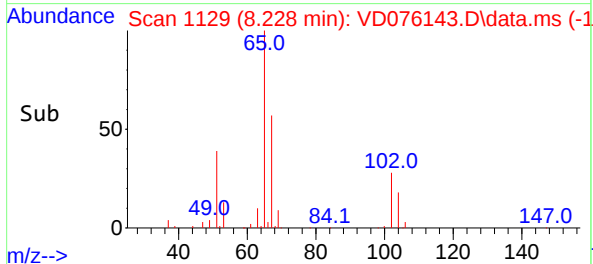
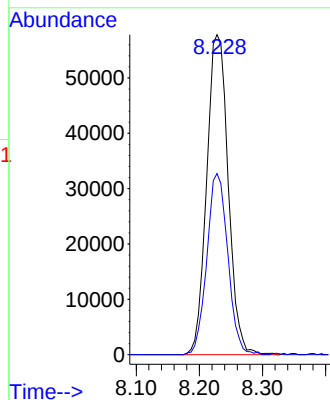
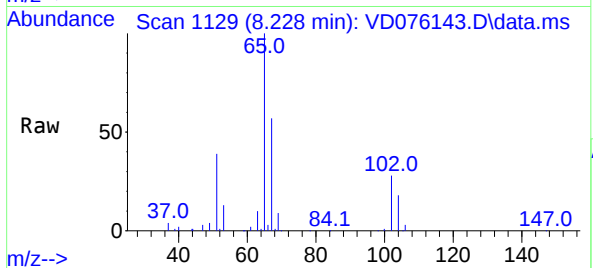




#33
1,2-Dichloroethane-d4
Concen: 69.132 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

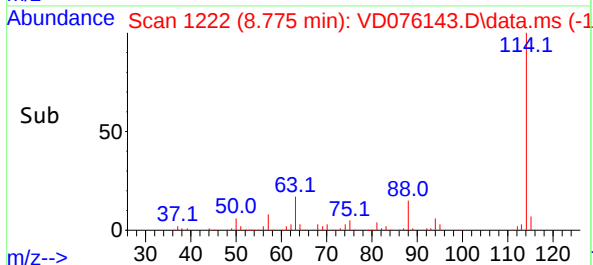
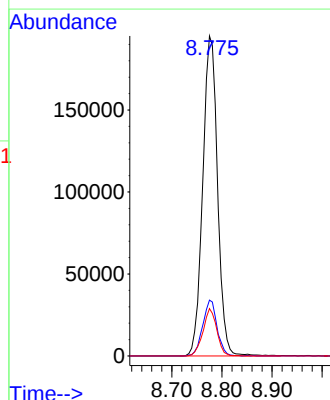
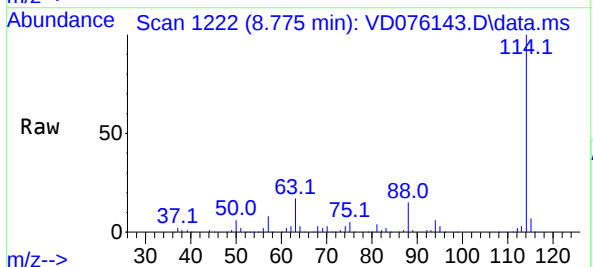
Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

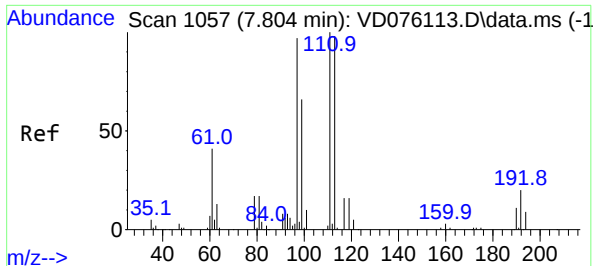
Tgt Ion: 65 Resp: 136643
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Tgt Ion: 114 Resp: 400867
Ion Ratio Lower Upper
114 100
63 17.5 0.0 41.6
88 14.8 0.0 30.6



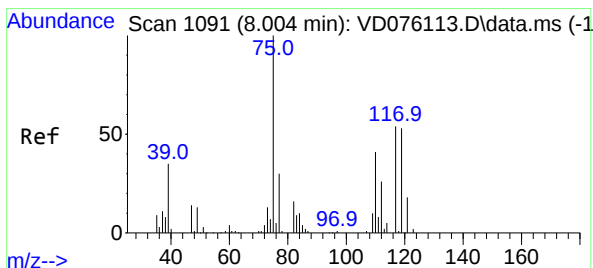
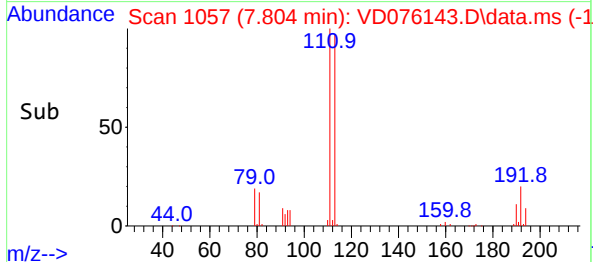
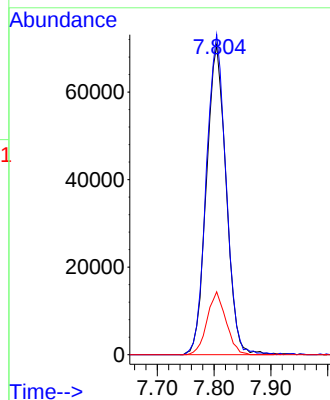
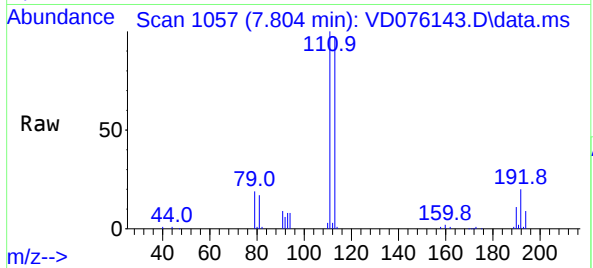


#35
Dibromofluoromethane
Concen: 61.522 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

Tgt Ion:113 Resp: 170470

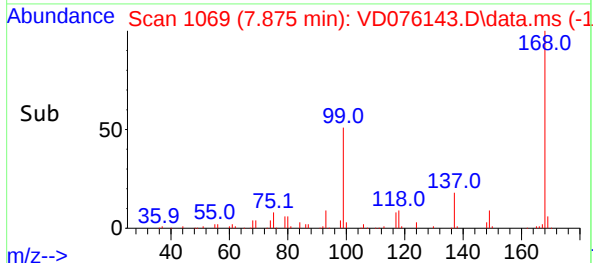
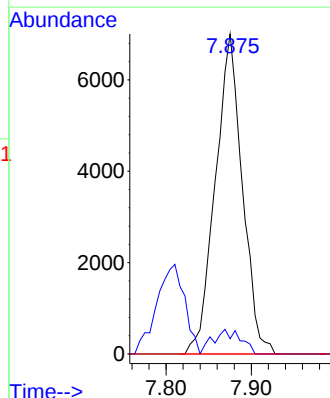
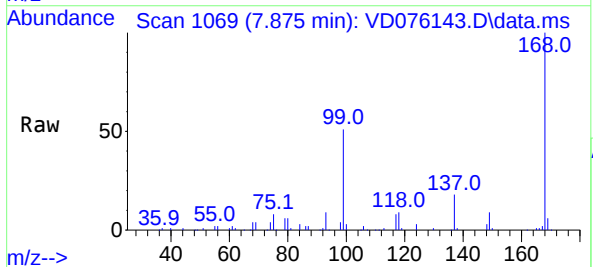
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	19.4	15.2	22.8

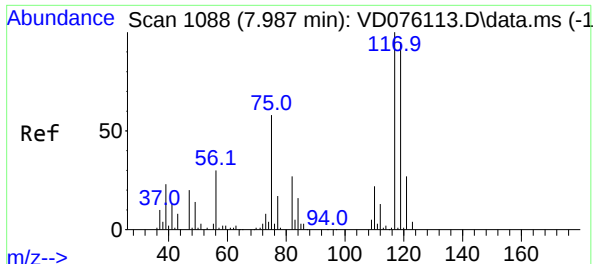


#36
1,1-Dichloropropene
Concen: 4.119 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Tgt Ion: 75 Resp: 15415

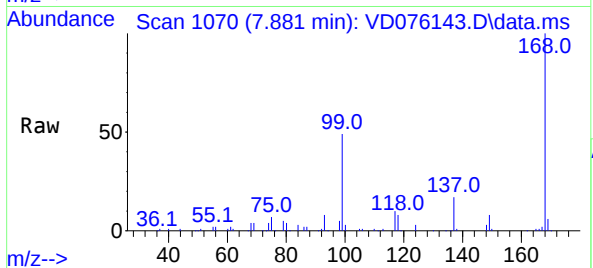
Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.1	51.2#
77	0.0	24.6	36.8#



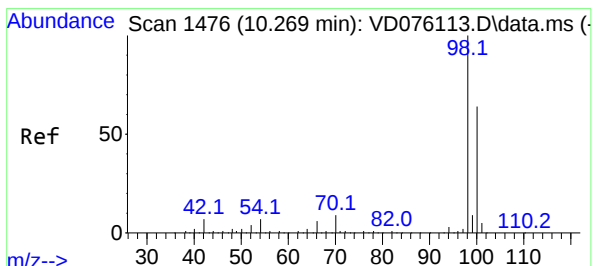
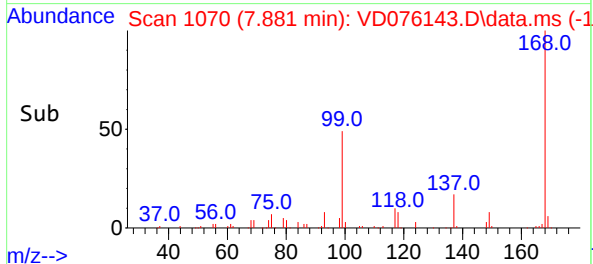
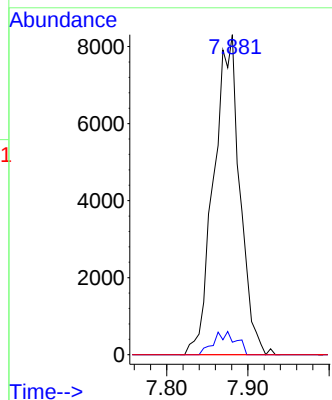


#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

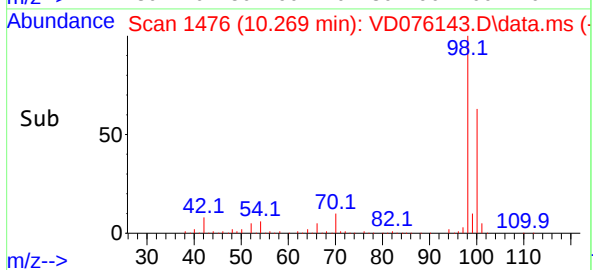
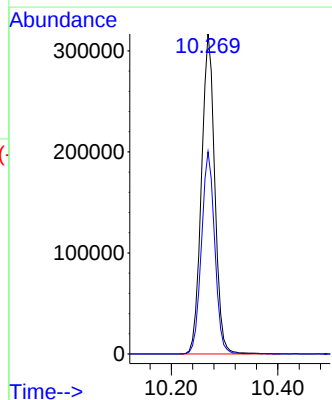
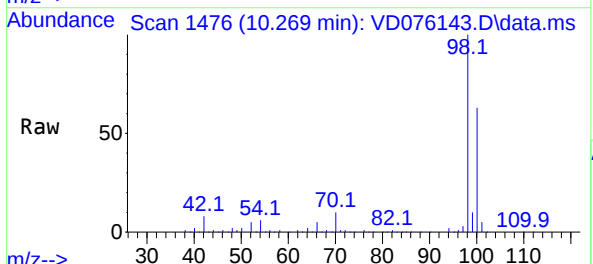


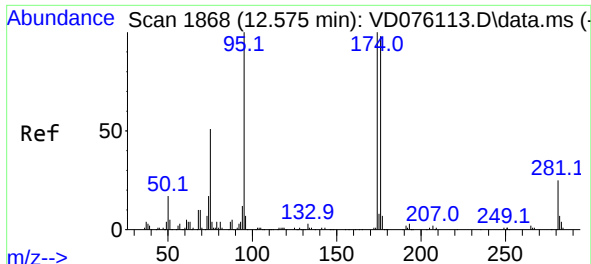
Tgt Ion:117 Resp: 18580
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 50.814 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Tgt Ion: 98 Resp: 548875
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



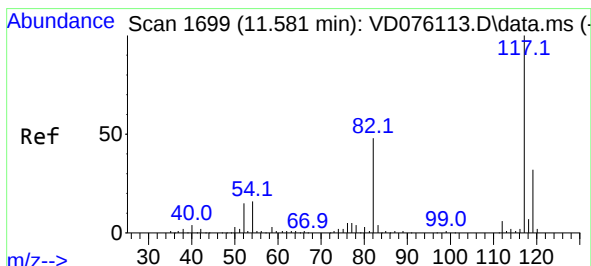
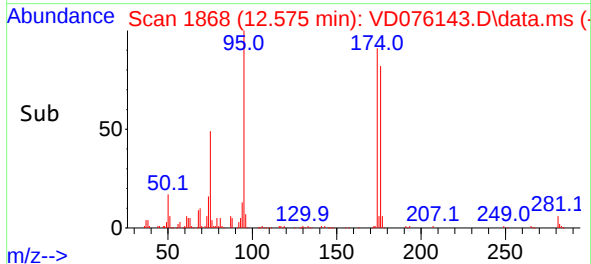
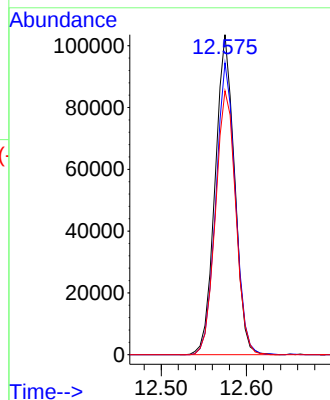
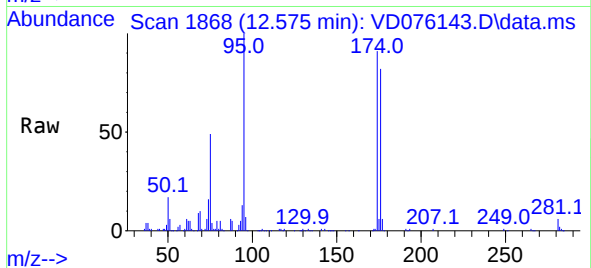


#62
4-Bromofluorobenzene
Concen: 54.566 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

Tgt Ion: 95 Resp: 163727

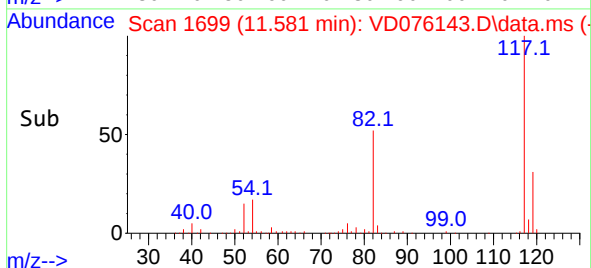
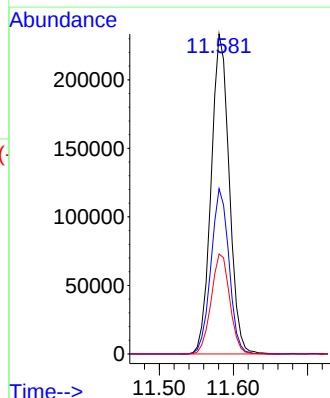
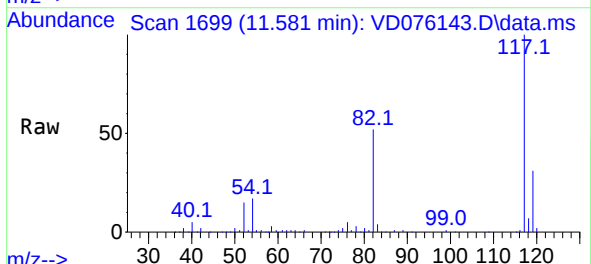
Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	164.0
176	85.8	0.0	156.8

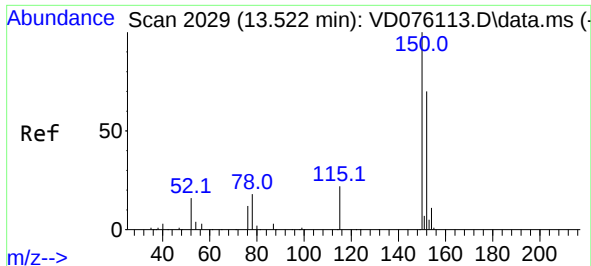


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Tgt Ion: 117 Resp: 395144

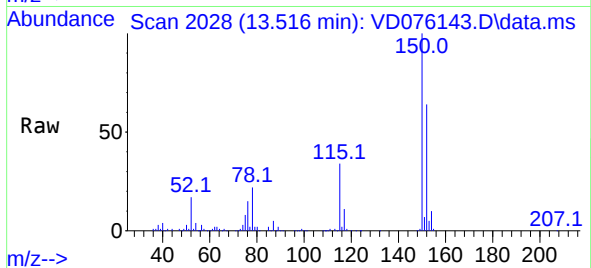
Ion	Ratio	Lower	Upper
117	100		
82	51.6	44.0	66.0
119	31.3	25.1	37.7



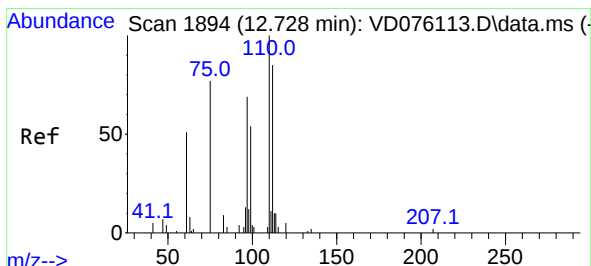
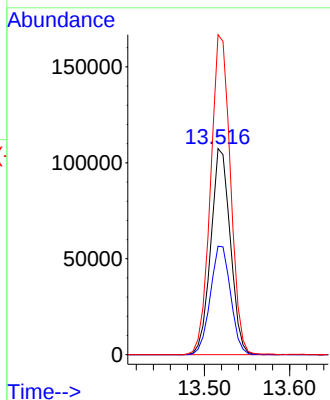
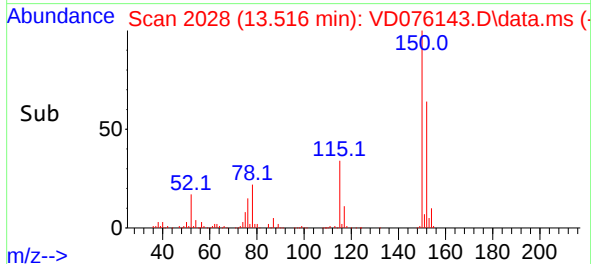


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :
HD-01-051723

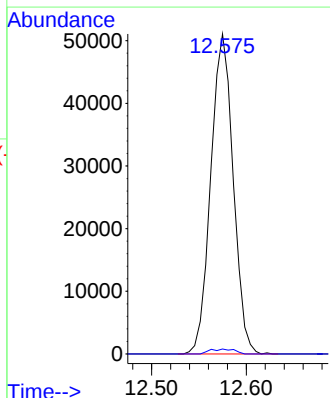
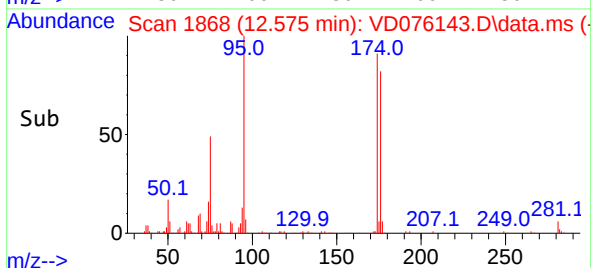
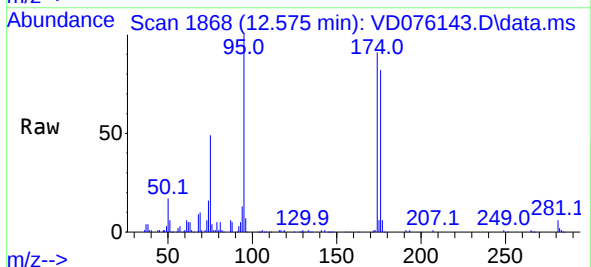


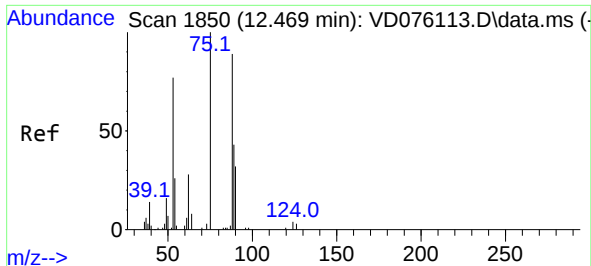
Tgt Ion:152 Resp: 171472
Ion Ratio Lower Upper
152 100
115 54.7 30.1 90.3
150 157.9 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 55.905 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076143.D
Acq: 18 May 2023 16:30

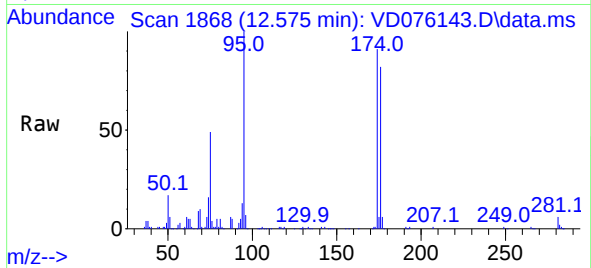
Tgt Ion: 75 Resp: 83887
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.280 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076143.D
 Acq: 18 May 2023 16:30

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-051723



Tgt Ion:	75	Resp:	83887
Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.2	40.2	60.4#

