

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075188.D
 Acq On : 24 Jan 2023 15:31
 Operator : KP/SY
 Sample : 01283-01
 Misc : 2.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 00:33:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

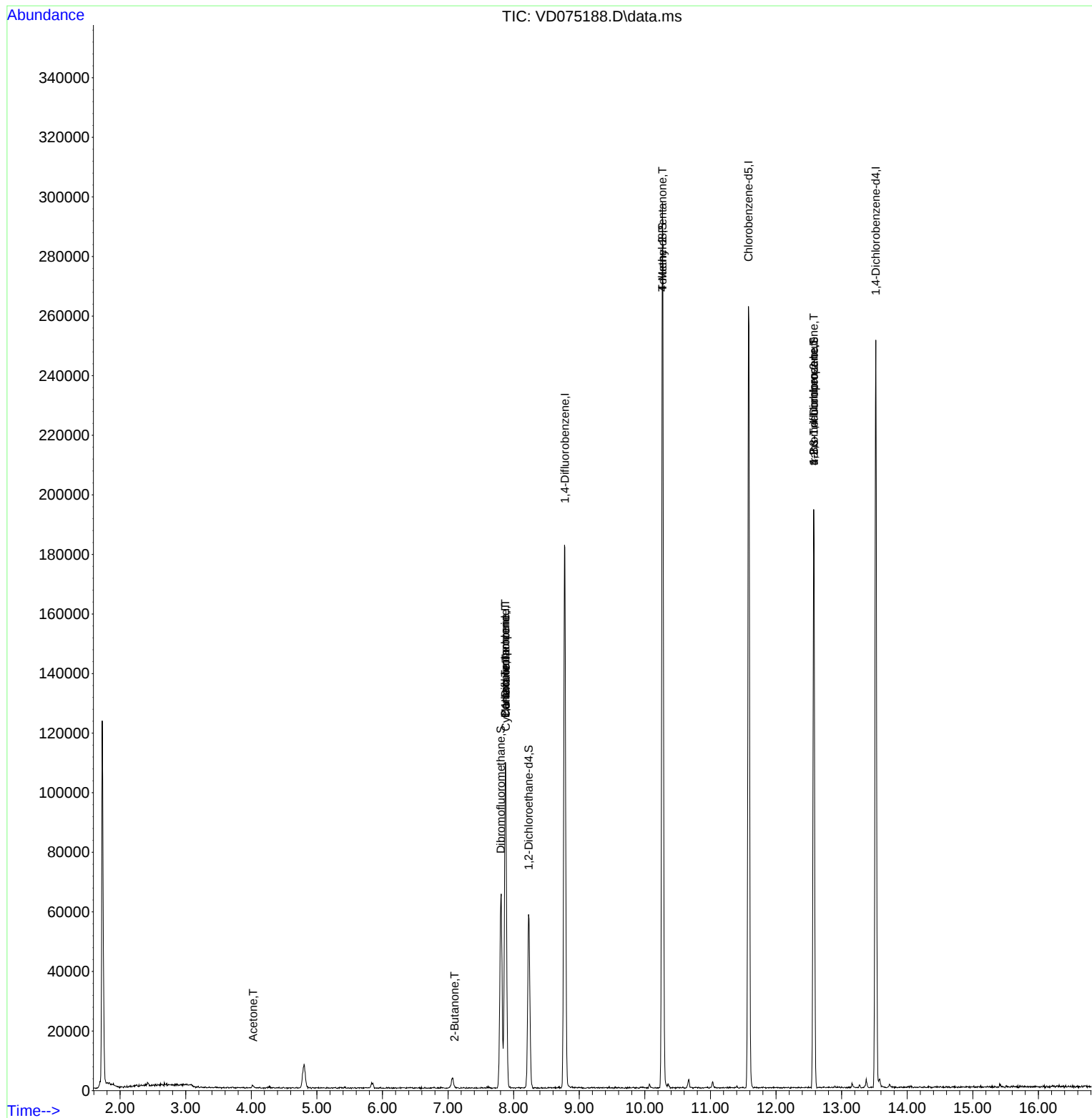
Internal Standards						
1) Pentafluorobenzene	7.875	168	80153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	159761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45063	55.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.804	113	47202	48.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.269	98	197417	51.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.575	95	62782	52.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.080%
Target Compounds						
16) Acetone	4.028	43	1153	5.345	ug/l	95
20) Methylene Chloride	4.805	84	5863	Below Cal		92
25) 2-Butanone	7.099	43	377	1.446	ug/l #	50
31) Cyclohexane	7.881	56	2152	1.312	ug/l #	18
36) 1,1-Dichloropropene	7.875	75	7854	5.064	ug/l #	48
38) Carbon Tetrachloride	7.875	117	8394	6.427	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1064	1.822	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	33422	62.599	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	33422	145.204	ug/l #	14

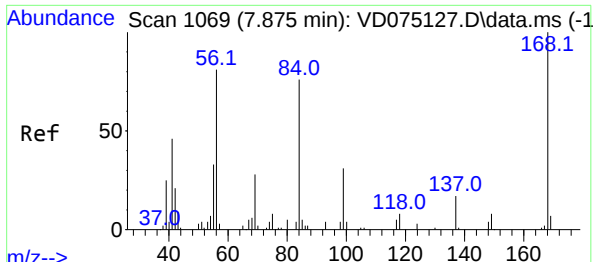
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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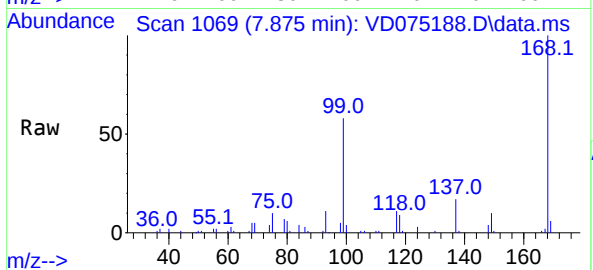
Quant Time: Jan 25 00:33:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



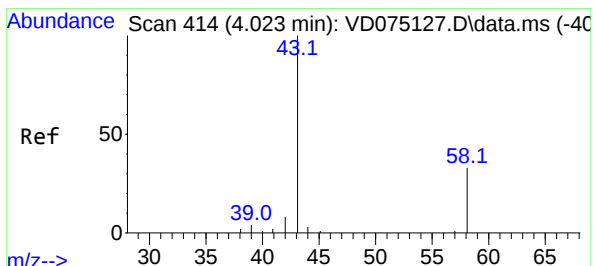
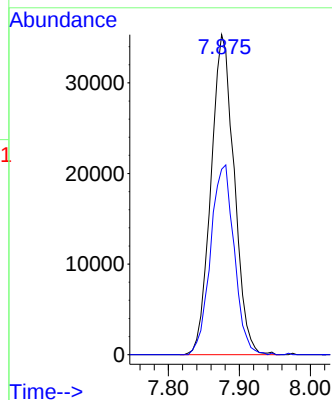
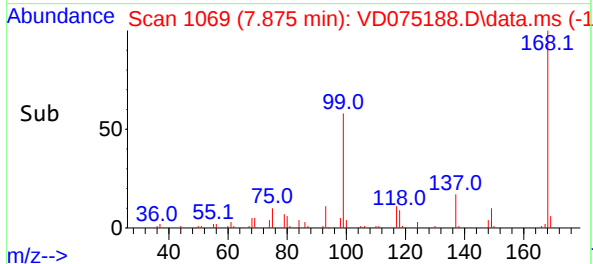


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :

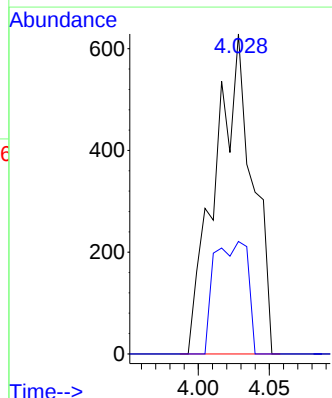
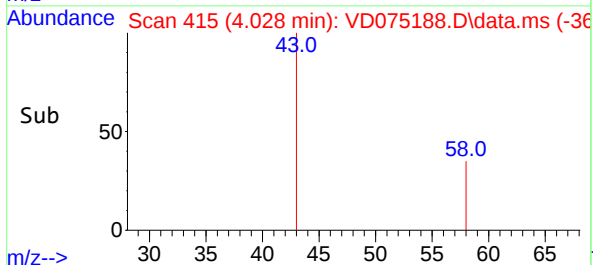
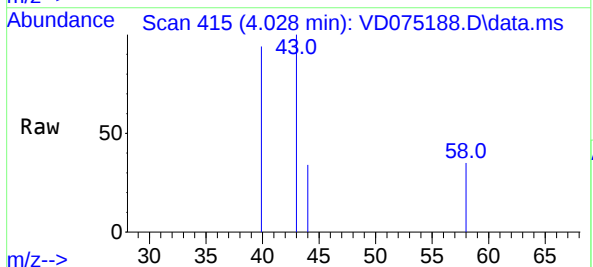


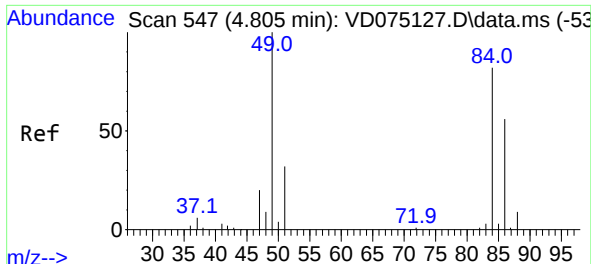
Tgt Ion:168 Resp: 80153
Ion Ratio Lower Upper
168 100
99 57.9 45.2 67.8



#16
Acetone
Concen: 5.345 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

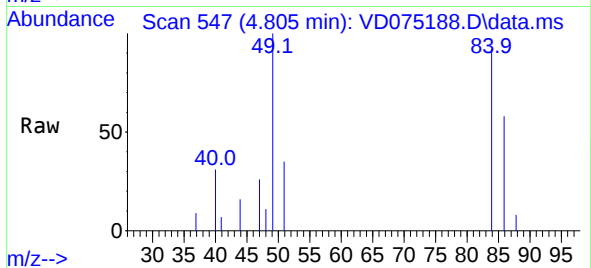
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 35.1 26.0 39.0





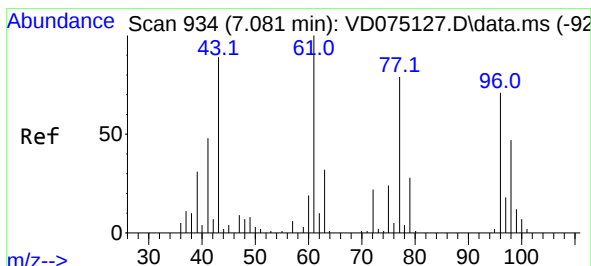
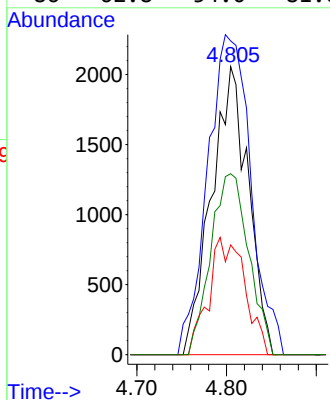
#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 5863

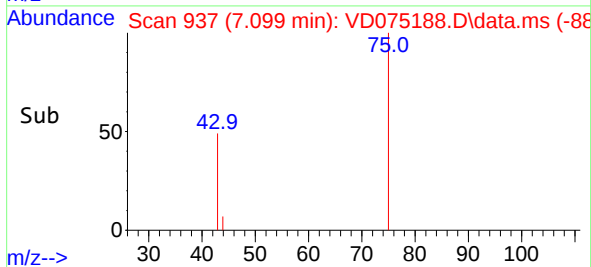
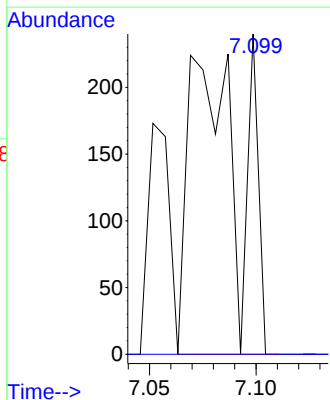
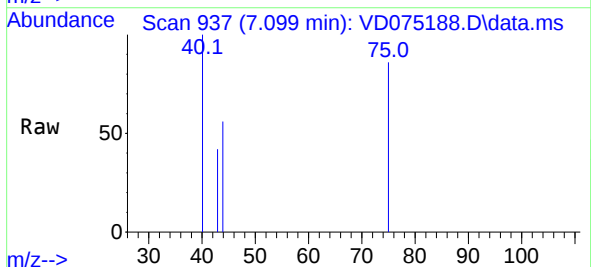
Ion	Ratio	Lower	Upper
84	100		
49	109.0	97.0	145.6
51	38.1	30.9	46.3
86	62.8	54.0	81.0

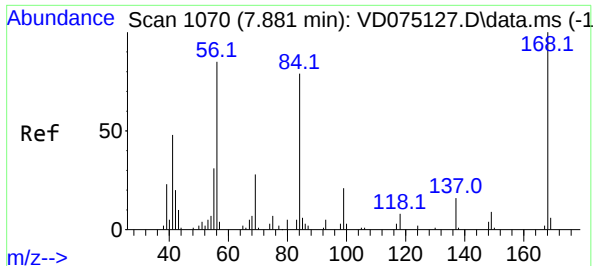


#25
2-Butanone
Concen: 1.446 ug/l
RT: 7.099 min Scan# 937
Delta R.T. 0.017 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Tgt Ion: 43 Resp: 377

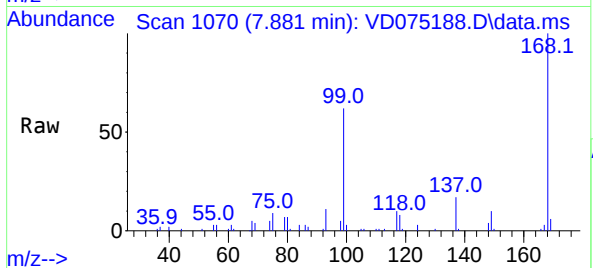
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



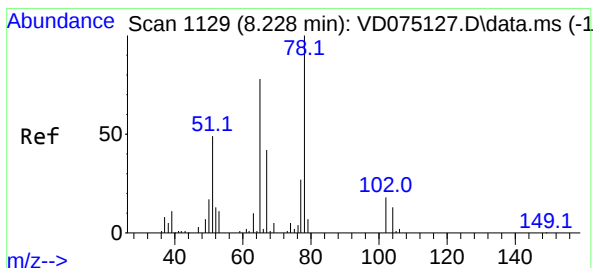
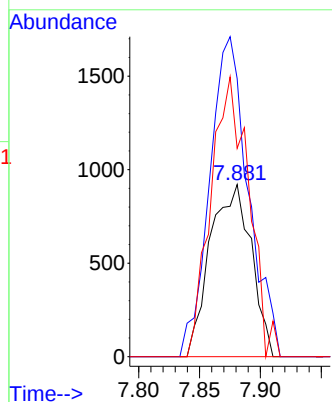
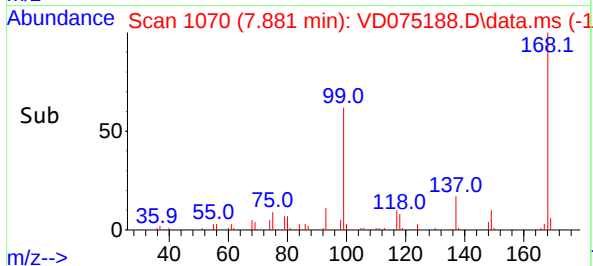


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :

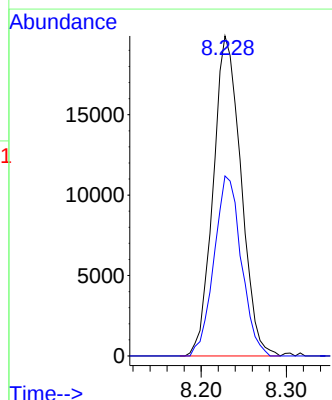
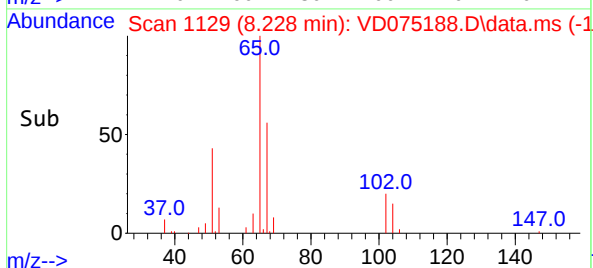
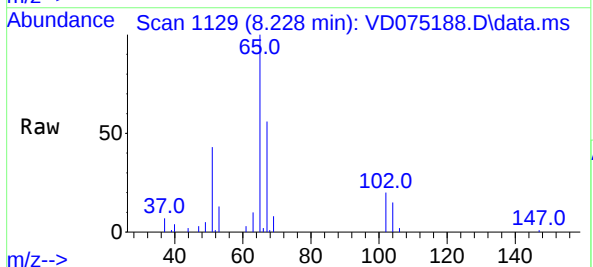


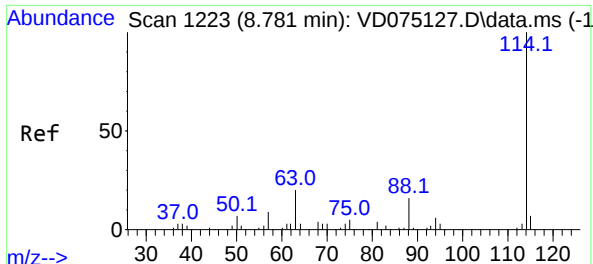
Tgt Ion: 56 Resp: 2152
Ion Ratio Lower Upper
56 100
69 161.5 26.6 40.0#
84 121.0 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 55.096 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Tgt Ion: 65 Resp: 45063
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.2

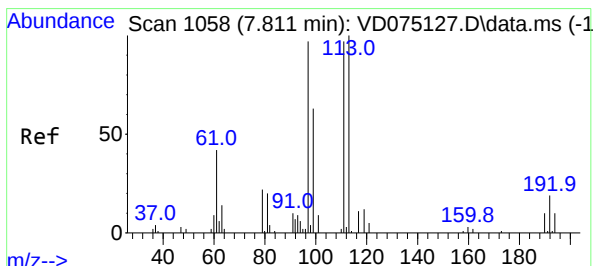
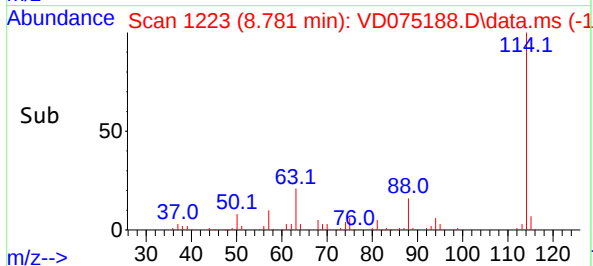
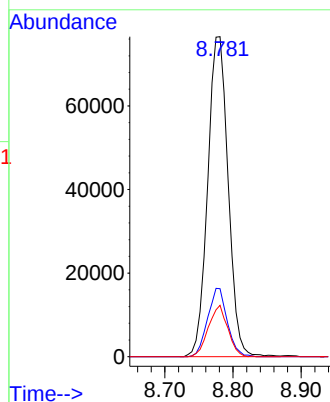
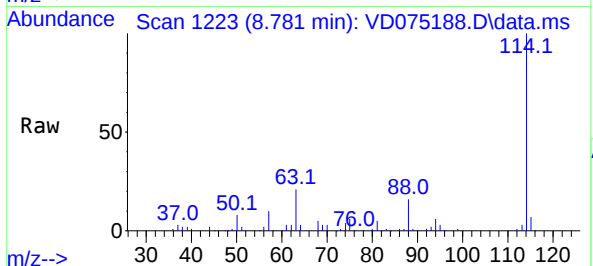




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

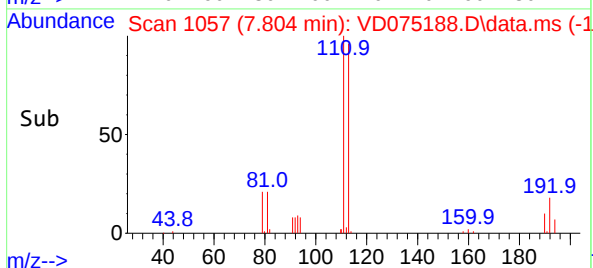
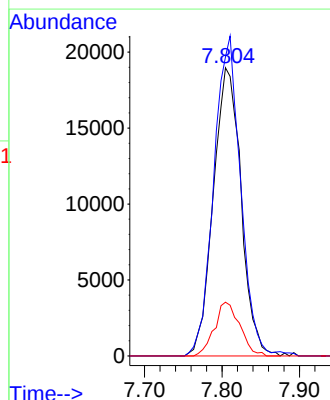
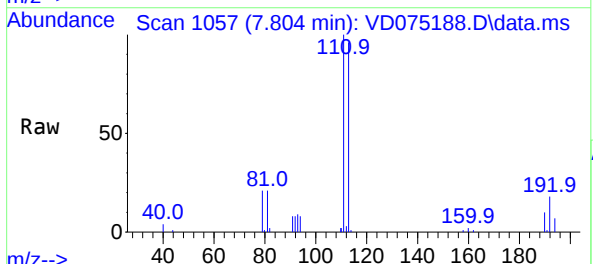
Instrument :
MSVOA_D
ClientSampleId :

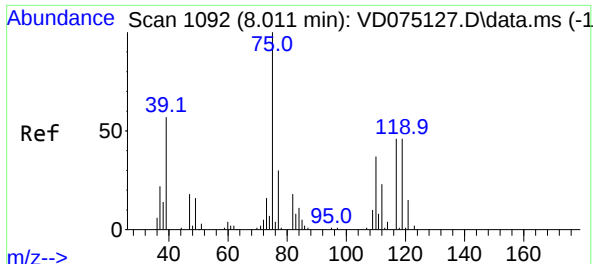
Tgt Ion:114 Resp: 159761
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.2
88 16.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.894 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

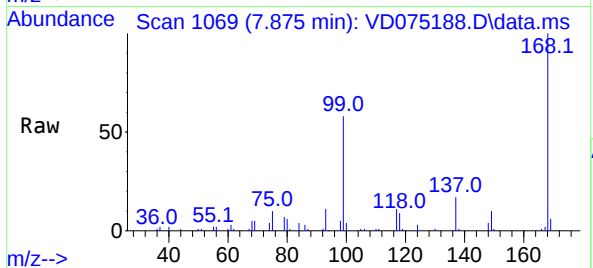
Tgt Ion:113 Resp: 47202
Ion Ratio Lower Upper
113 100
111 106.7 80.1 120.1
192 17.1 15.4 23.0



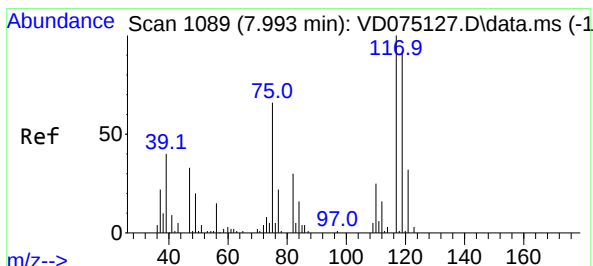
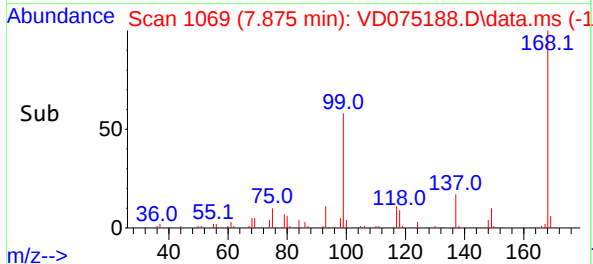
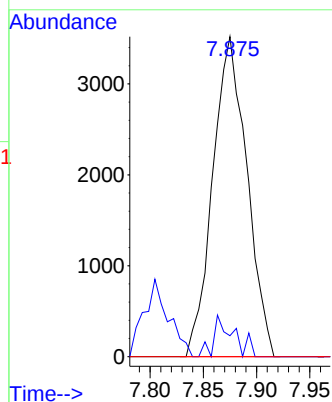


#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :

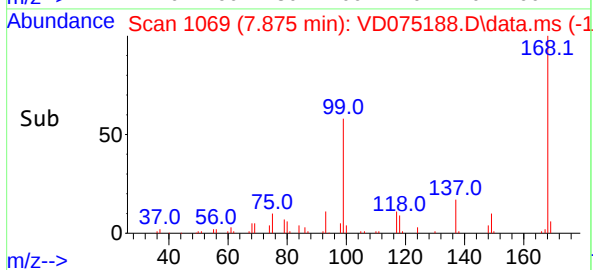
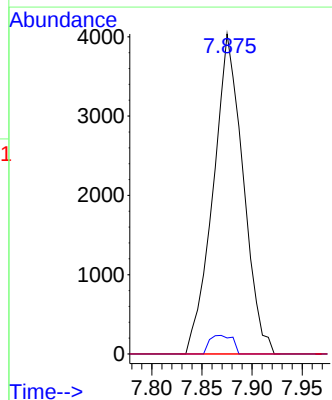
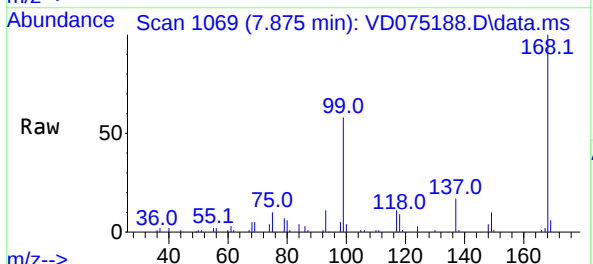


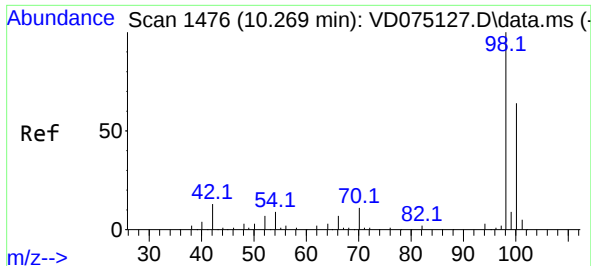
Tgt Ion: 75 Resp: 7854
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.427 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Tgt Ion: 117 Resp: 8394
Ion Ratio Lower Upper
117 100
119 5.0 73.6 110.4#
121 0.0 25.4 38.0#

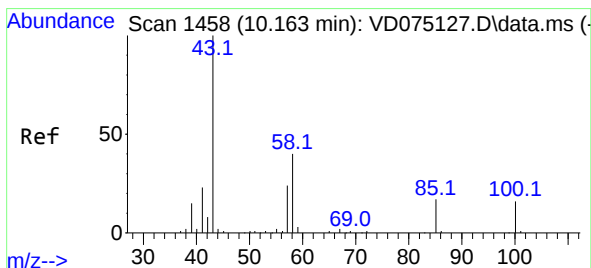
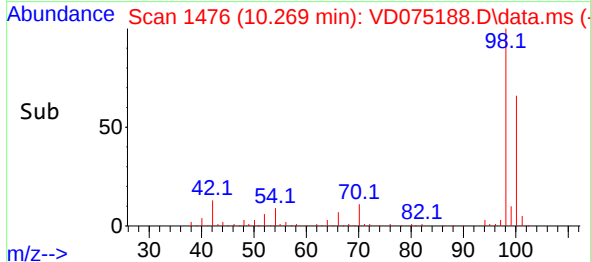
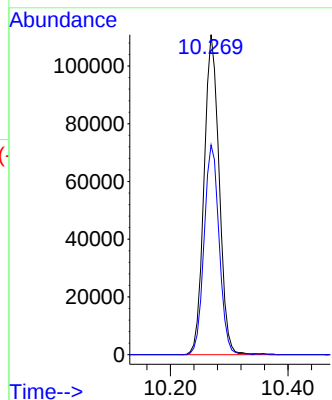
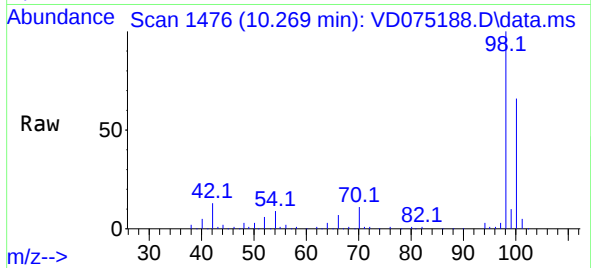




#50
Toluene-d8
Concen: 51.937 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

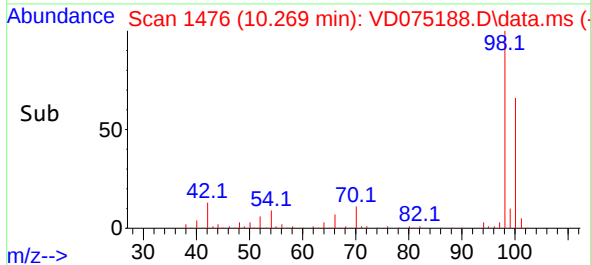
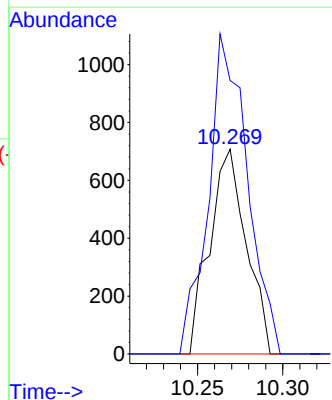
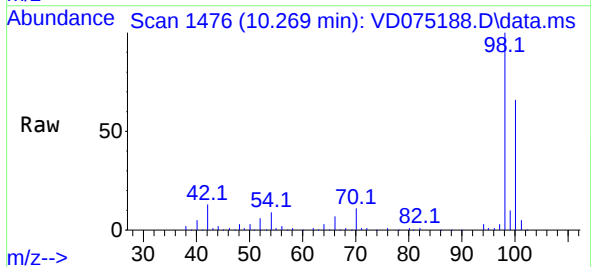
Instrument :
MSVOA_D
ClientSampleId :

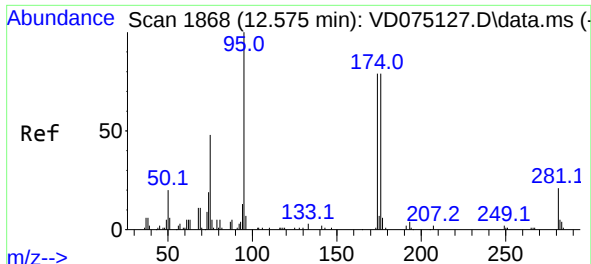
Tgt Ion: 98 Resp: 197417
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.822 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
58 165.3 31.4 47.0#

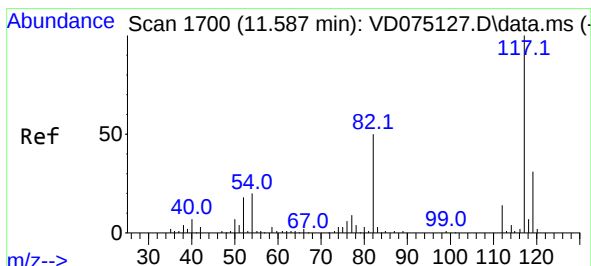
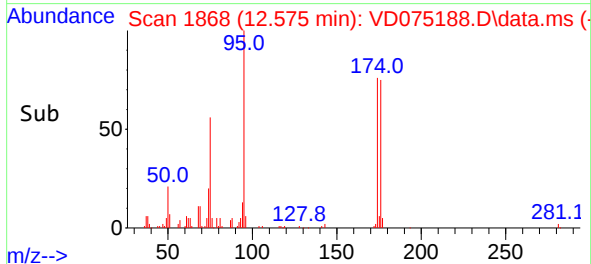
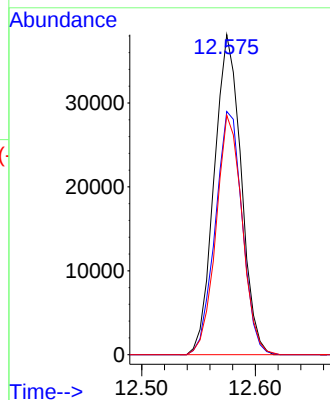
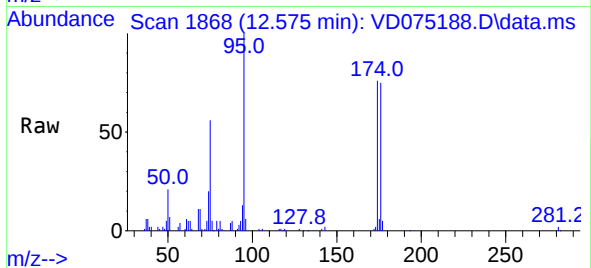




#62
4-Bromofluorobenzene
Concen: 52.043 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

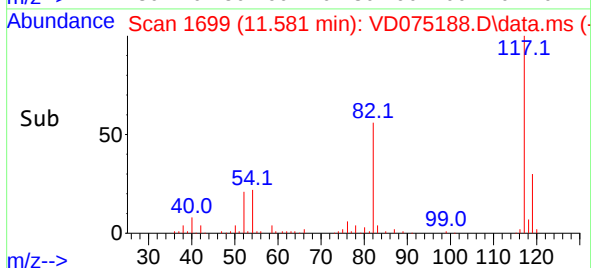
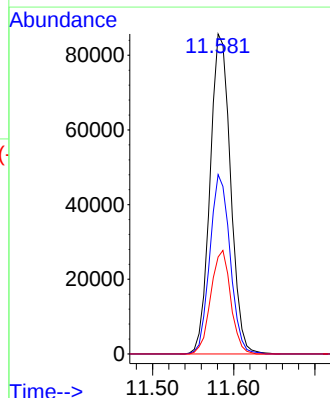
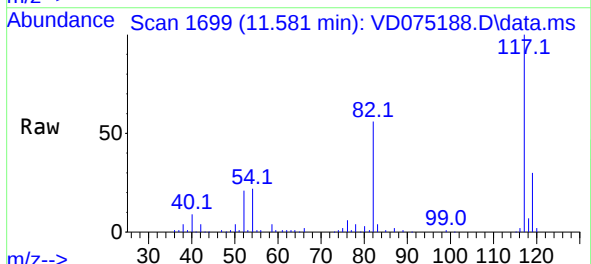
Instrument :
MSVOA_D
ClientSampleId :

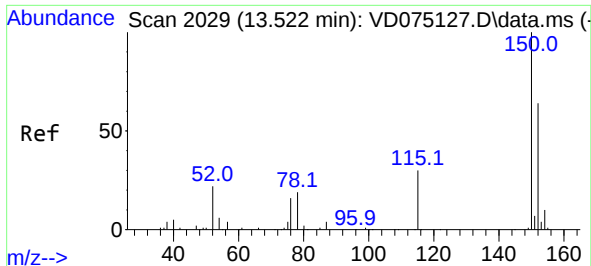
Tgt Ion:	95	Resp:	62782
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	161.2
176	72.8	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

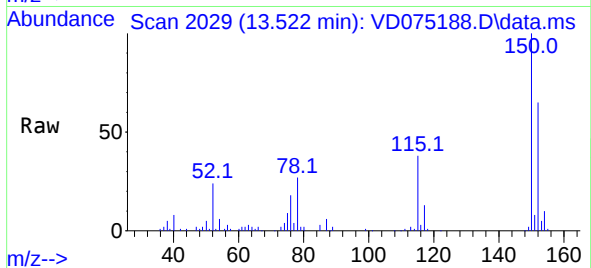
Tgt Ion:	117	Resp:	150178
Ion Ratio	Lower	Upper	
117	100		
82	56.1	39.6	59.4
119	30.3	24.6	37.0



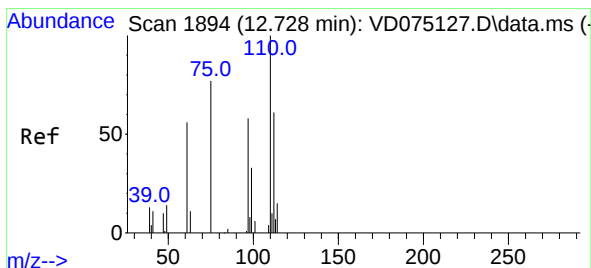
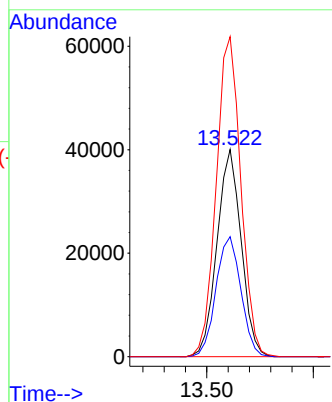
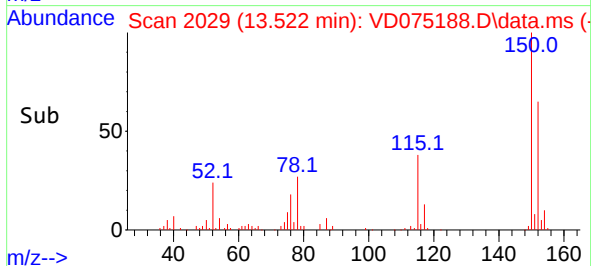


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075188.D
 Acq: 24 Jan 2023 15:31

Instrument :
 MSVOA_D
 ClientSampleId :

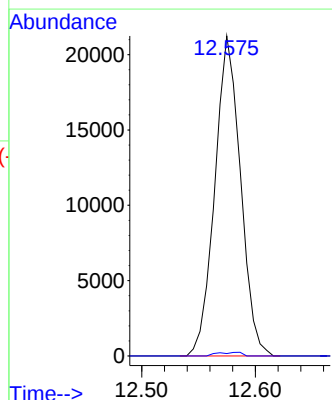
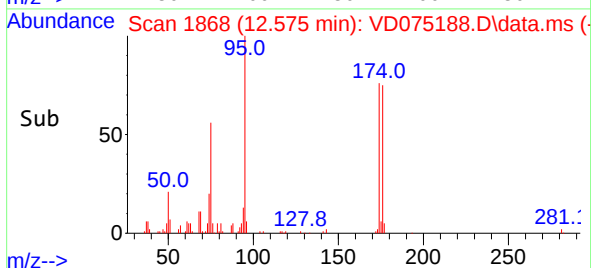
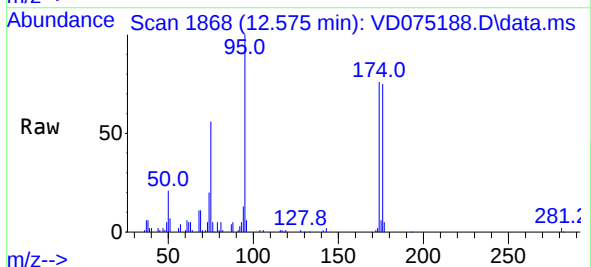


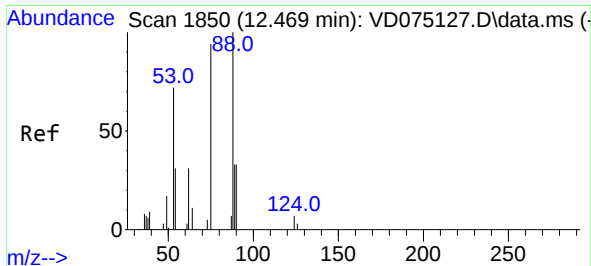
Tgt Ion:152 Resp: 63040
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.4
 150 157.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 62.599 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075188.D
 Acq: 24 Jan 2023 15:31

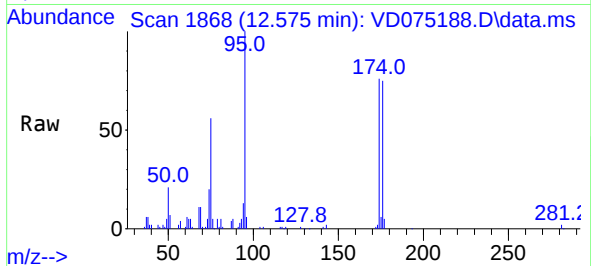
Tgt Ion: 75 Resp: 33422
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.204 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075188.D
 Acq: 24 Jan 2023 15:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 33422
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.2 34.6 52.0#

