

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071901.D
 Acq On : 04 Feb 2022 16:24
 Operator : VA/SY
 Sample : N1401-01
 Misc : 4.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124035

Quant Time: Feb 07 04:20:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

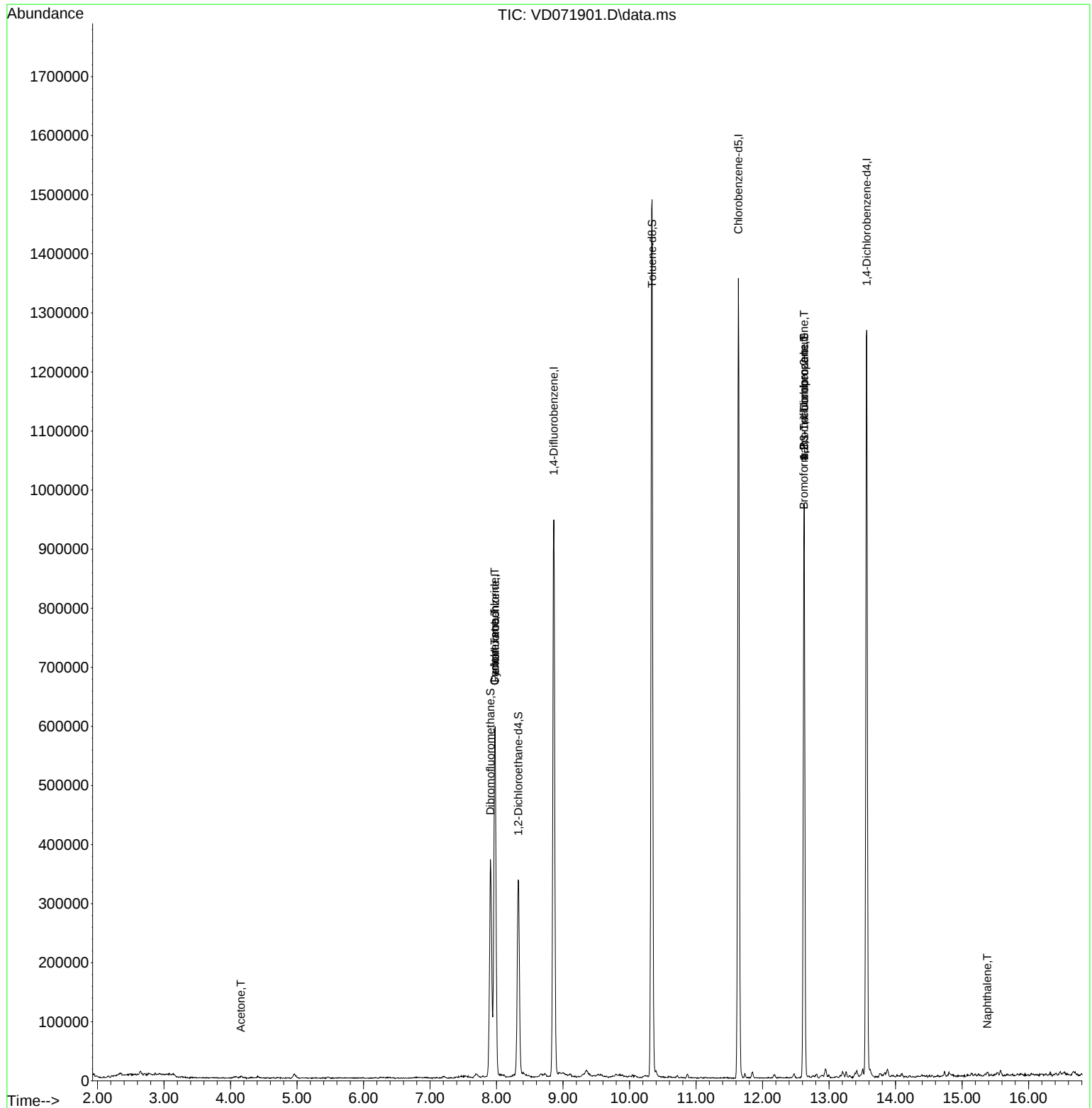
Internal Standards						
1) Pentafluorobenzene	7.979	168	412453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	764091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	714286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	314812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267461	51.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.600%
35) Dibromofluoromethane	7.908	113	250307	49.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.338	98	966641	51.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.626	95	306350	46.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	84	Below Cal	#	74
16) Acetone	4.156	43	5730	4.015	ug/l	96
20) Methylene Chloride	4.956	84	5699	Below Cal	#	64
31) Cyclohexane	7.973	56	13742	1.381	ug/l #	27
38) Carbon Tetrachloride	7.973	117	45867	5.380	ug/l #	18
71) Bromoform	12.620	173	3342	1.139	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	168791	50.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	168791	125.091	ug/l #	7
95) Naphthalene	15.379	128	5844	1.973	ug/l	97

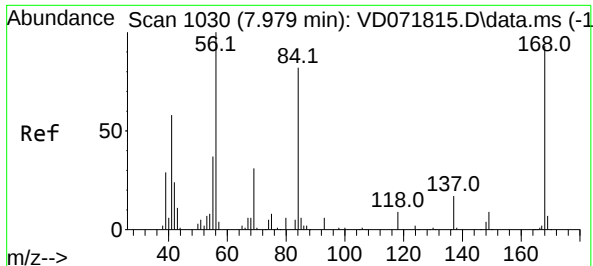
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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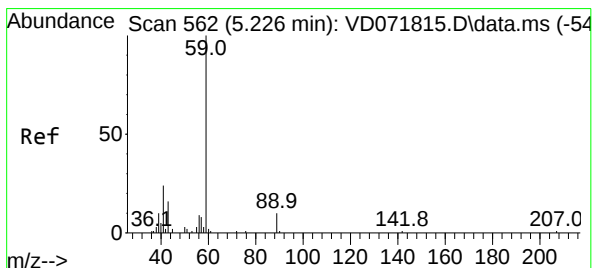
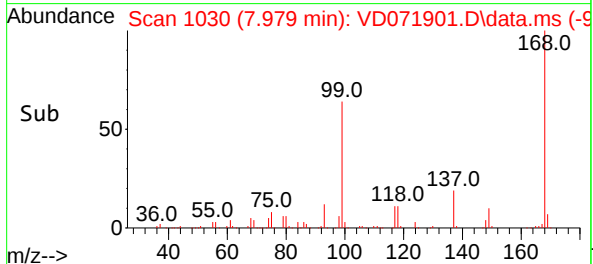
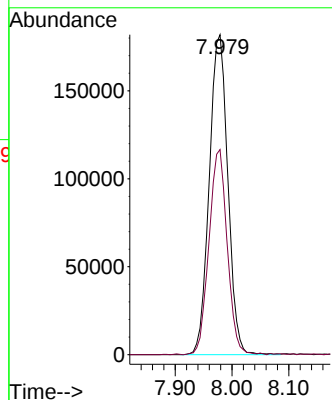
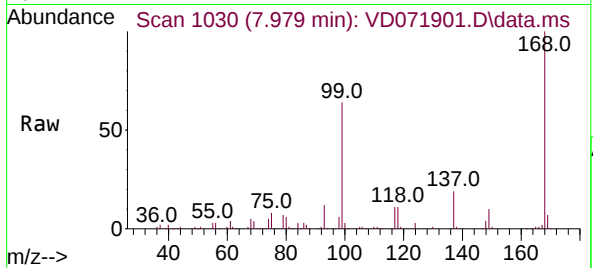




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

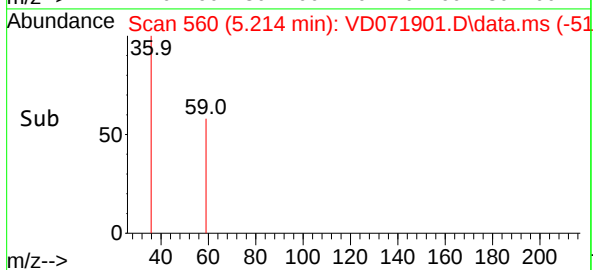
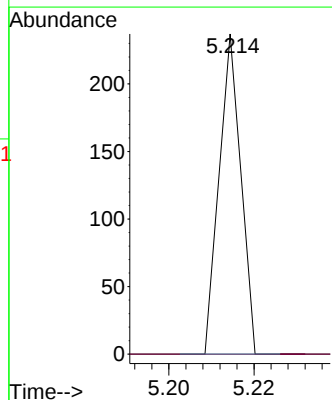
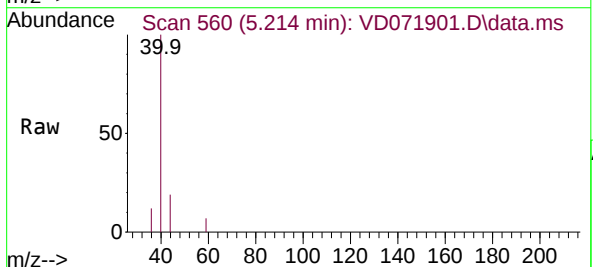
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

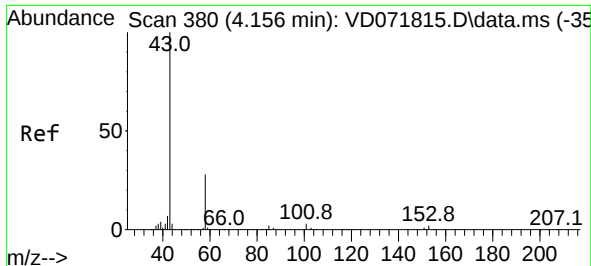
Tgt Ion:168 Resp: 412453
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

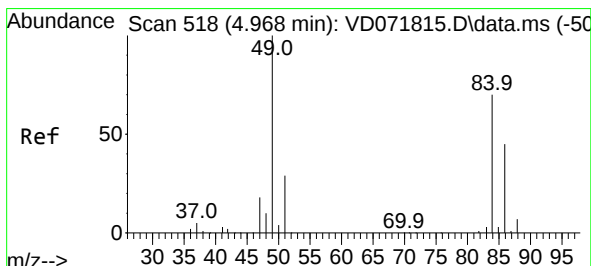
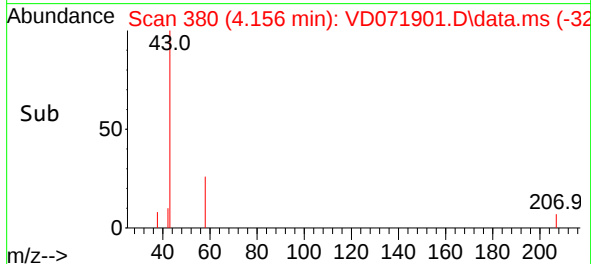
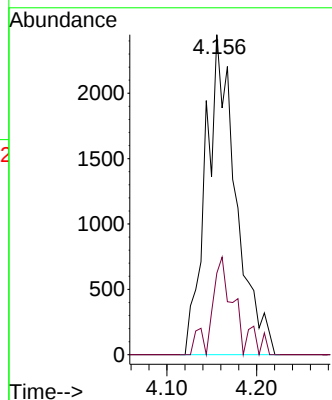
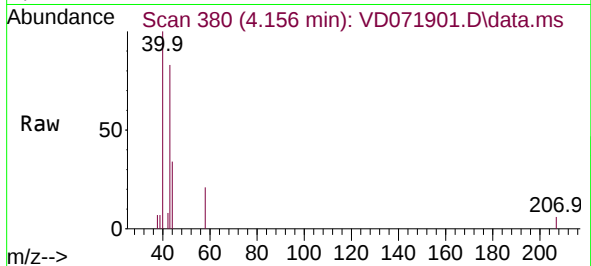




#16
Acetone
Concen: 4.015 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

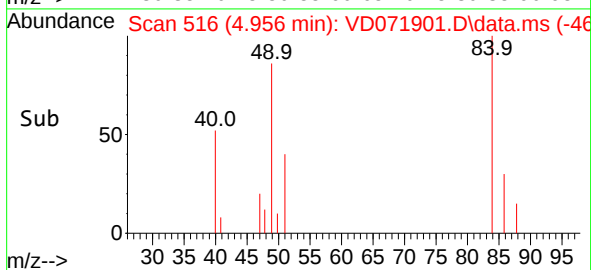
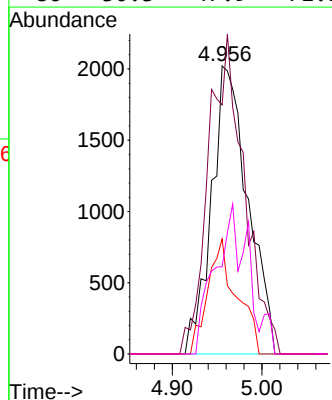
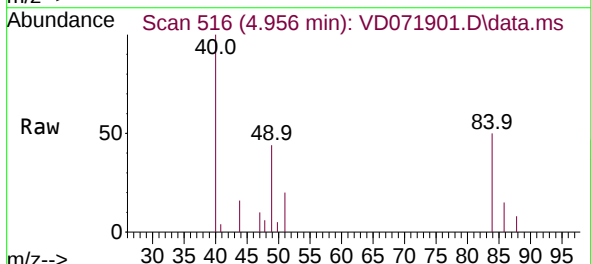
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

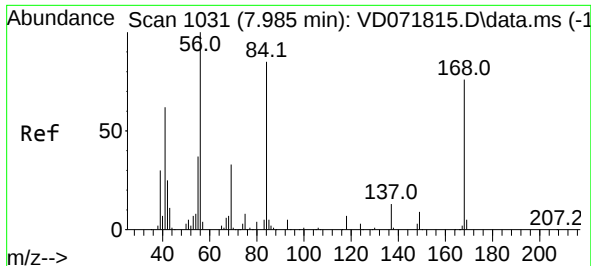
Tgt Ion: 43 Resp: 5730
Ion Ratio Lower Upper
43 100
58 25.5 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion: 84 Resp: 5699
Ion Ratio Lower Upper
84 100
49 86.5 112.8 169.2#
51 40.0 32.6 48.8
86 30.3 47.9 71.9#

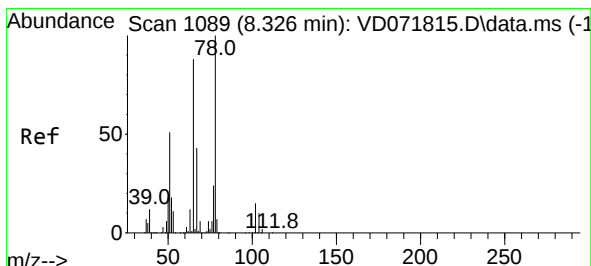
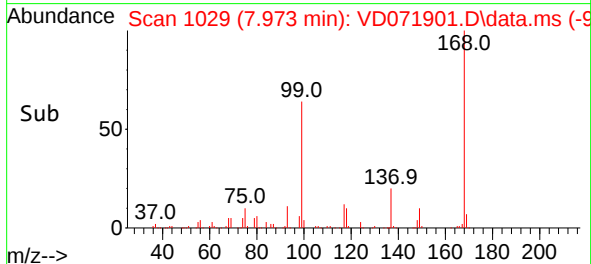
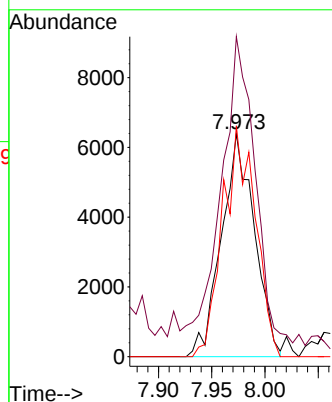
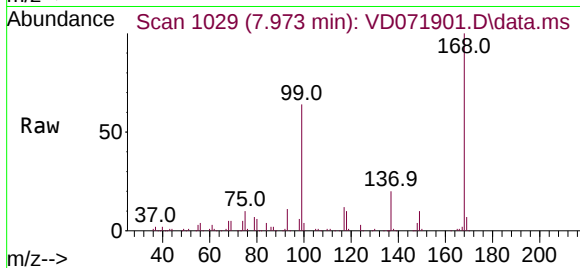




#31
Cyclohexane
Concen: 1.381 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

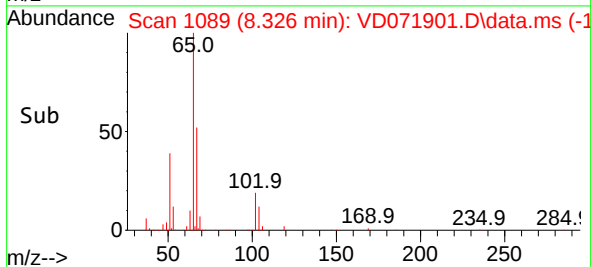
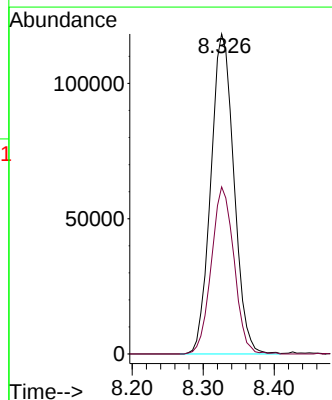
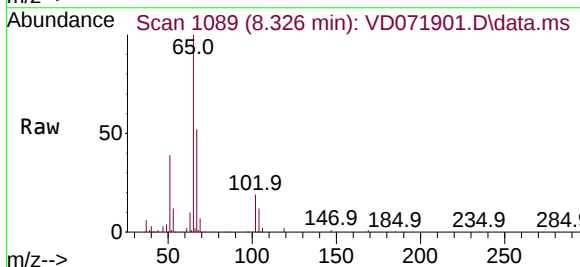
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

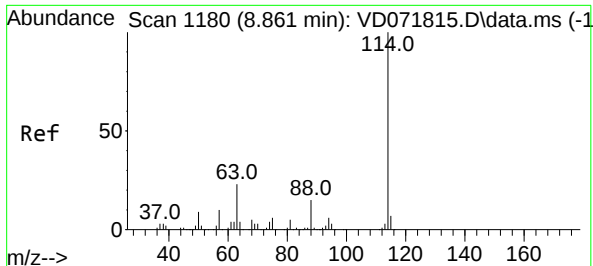
Tgt Ion: 56 Resp: 13742
Ion Ratio Lower Upper
56 100
69 133.2 25.4 38.2#
84 103.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 51.305 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion: 65 Resp: 267461
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4

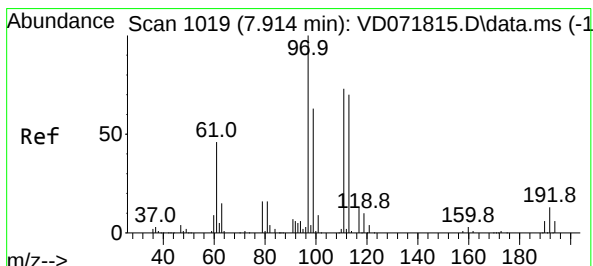
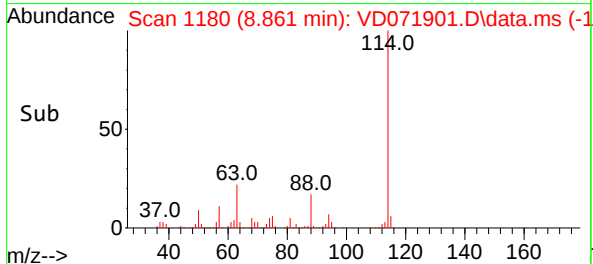
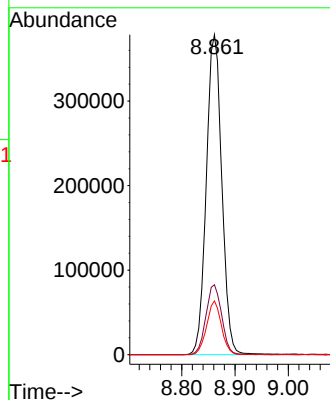
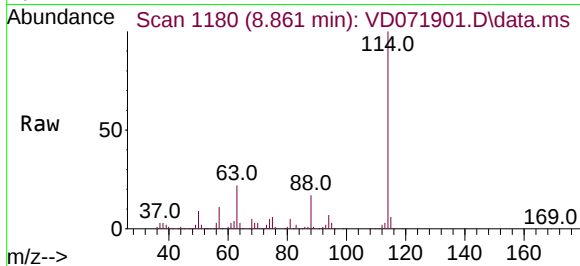




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

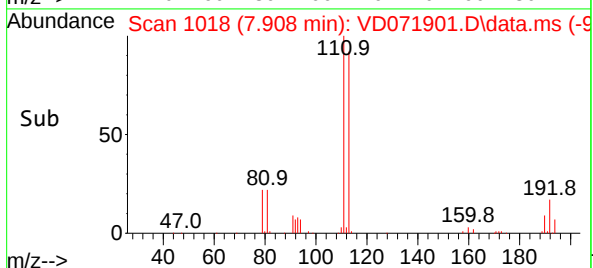
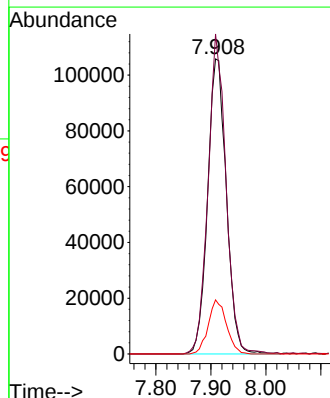
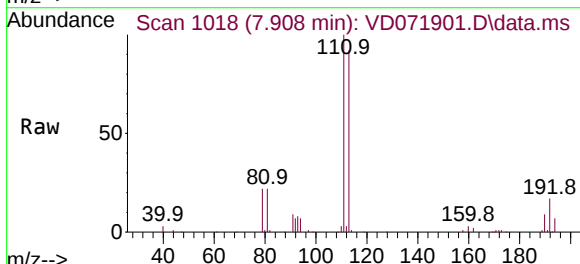
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

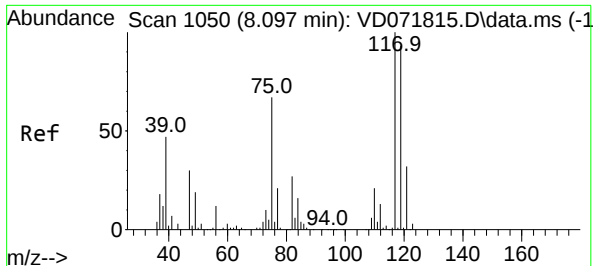
Tgt Ion:114	Resp: 764091
Ion Ratio	Lower Upper
114	100
63	21.8 0.0 46.6
88	16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.836 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

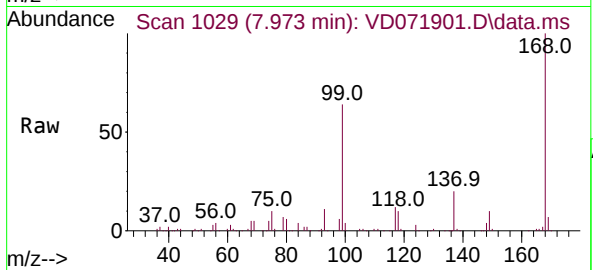
Tgt Ion:113	Resp: 250307
Ion Ratio	Lower Upper
113	100
111	104.1 83.8 125.6
192	17.8 14.6 21.8



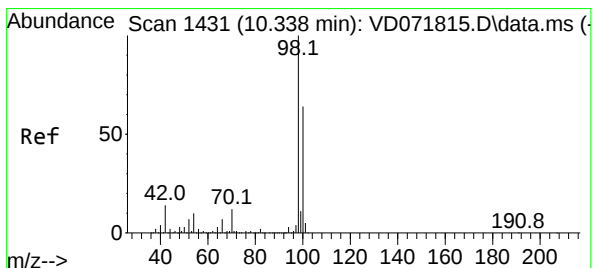
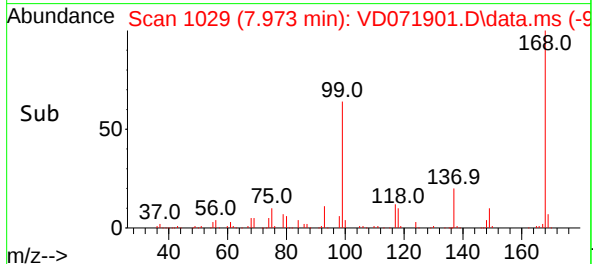
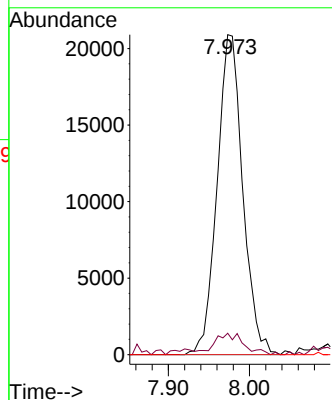


#38
Carbon Tetrachloride
Concen: 5.380 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Instrument :
MSVOA_D
ClientSampleId :
RO-124035

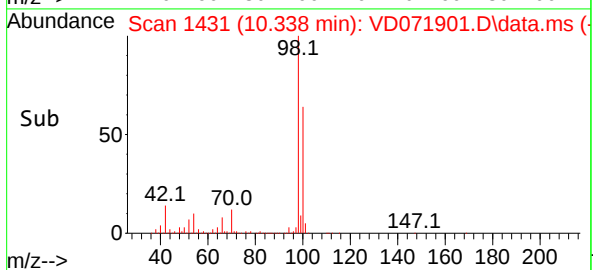
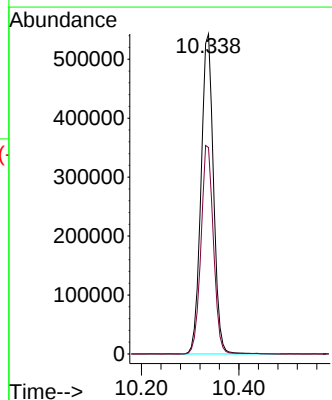
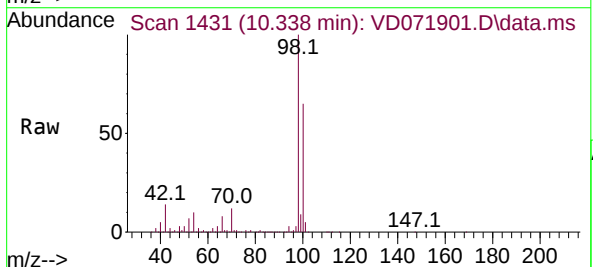


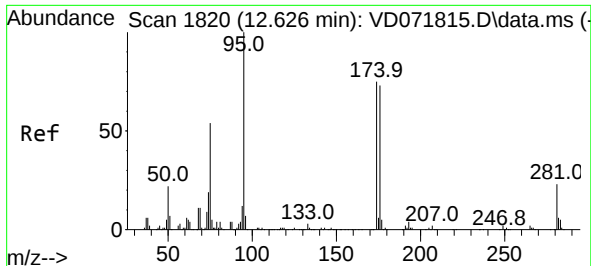
Tgt Ion:117 Resp: 45867
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.533 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion: 98 Resp: 966641
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

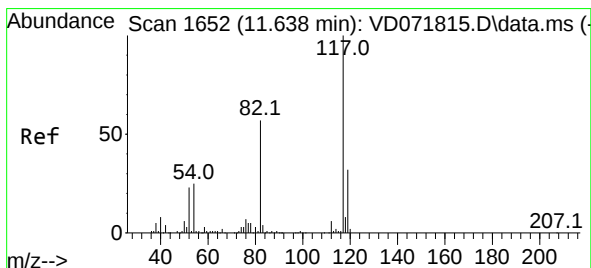
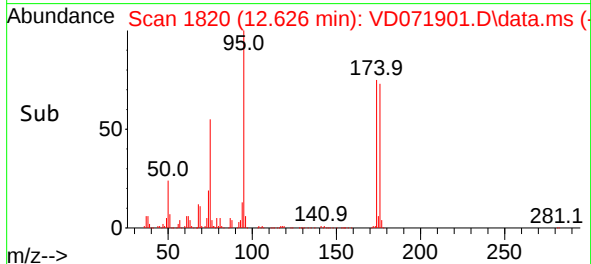
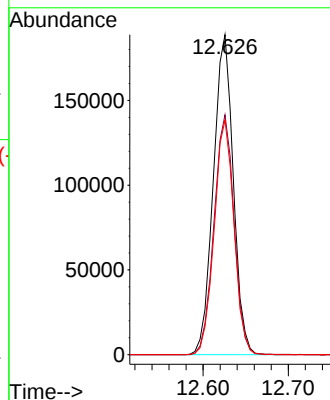
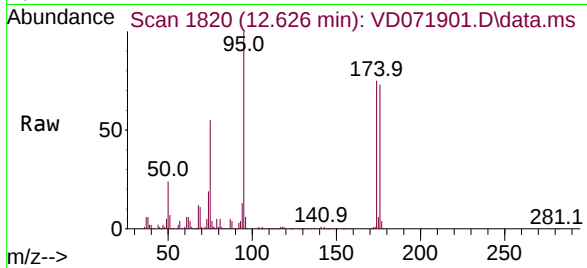




#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

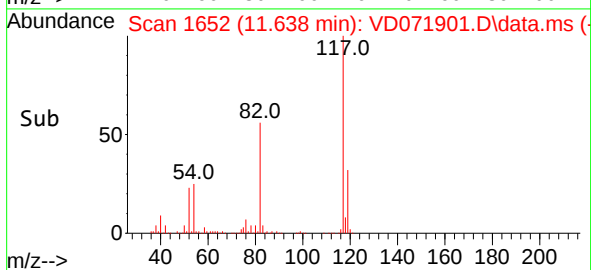
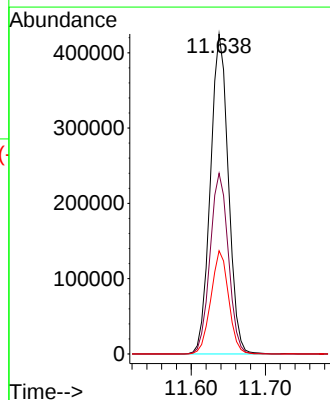
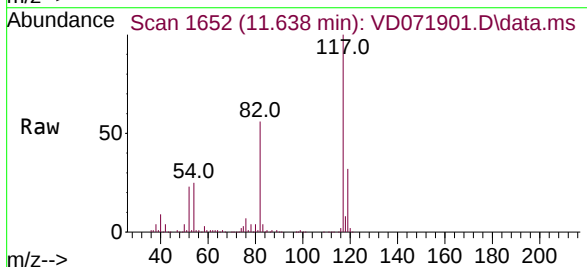
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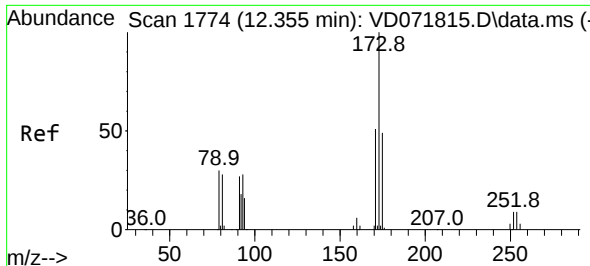
Tgt Ion: 95 Resp: 306350
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 72.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion: 117 Resp: 714286
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.2 26.6 40.0

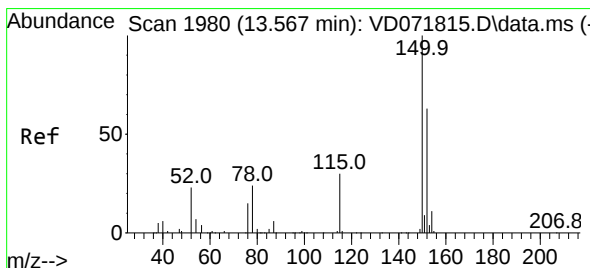
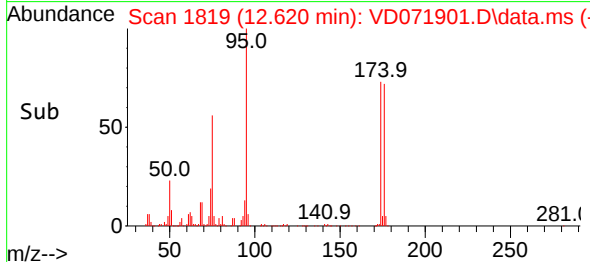
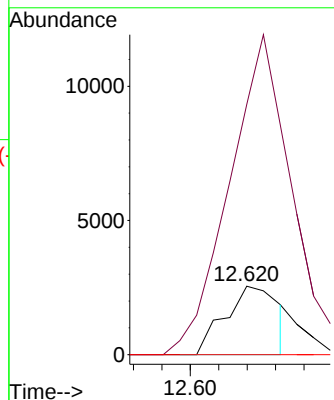
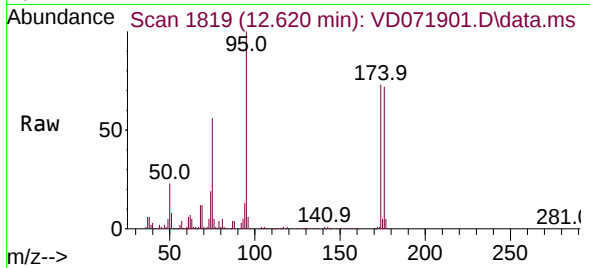




#71
Bromoform
Concen: 1.139 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

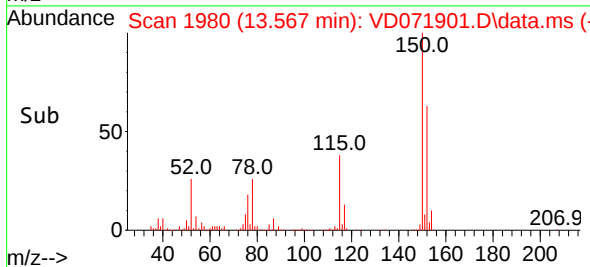
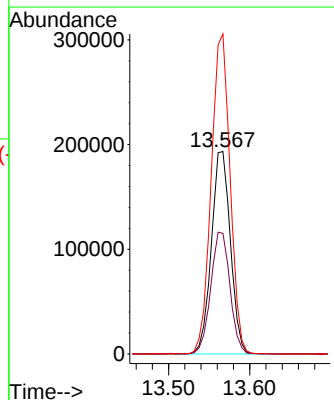
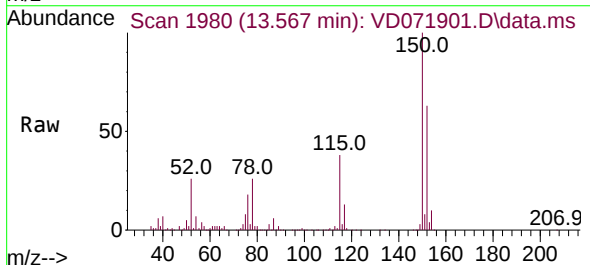
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

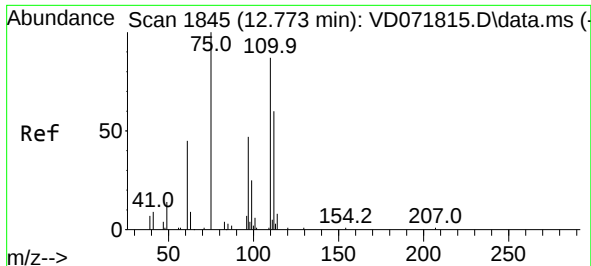
Tgt Ion:173 Resp: 3342
Ion Ratio Lower Upper
173 100
175 444.4 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion:152 Resp: 314812
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 156.9 0.0 348.6

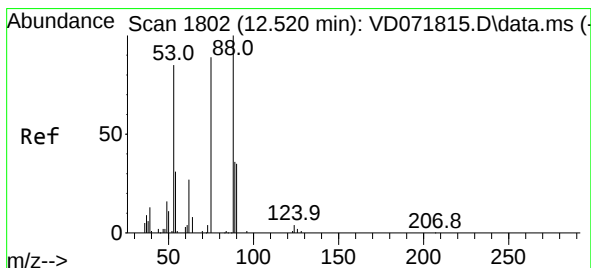
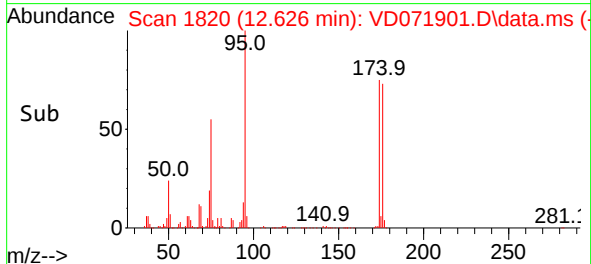
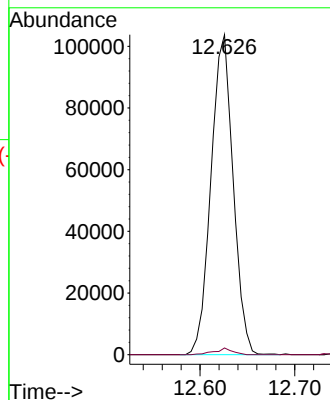
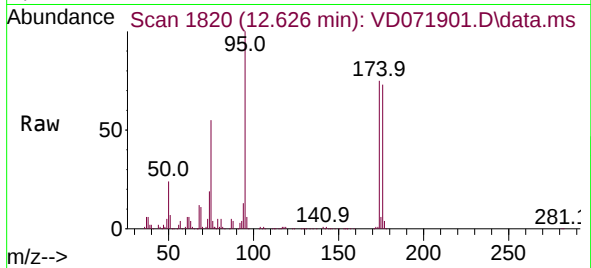




#76
1,2,3-Trichloropropane
Concen: 50.875 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

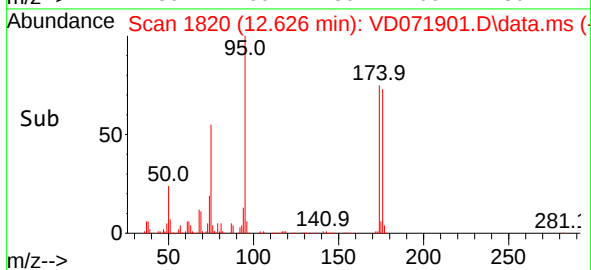
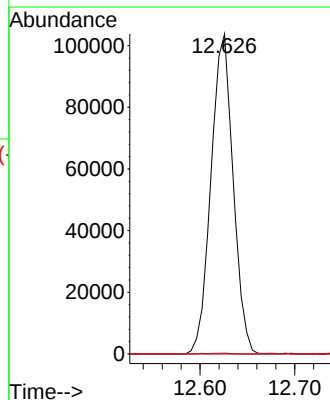
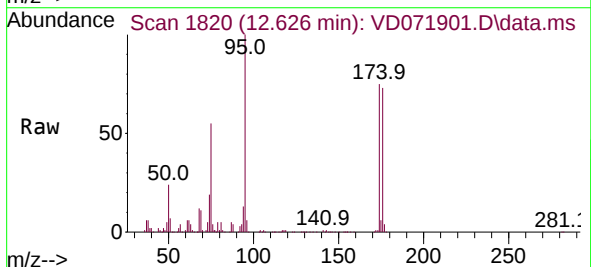
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

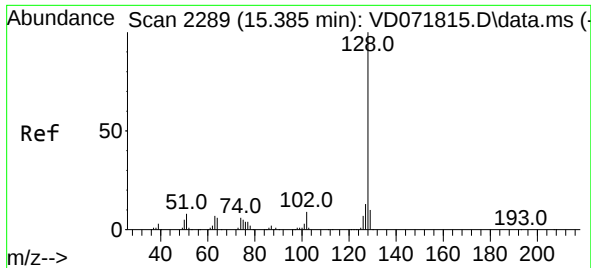
Tgt Ion: 75 Resp: 168791
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.091 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

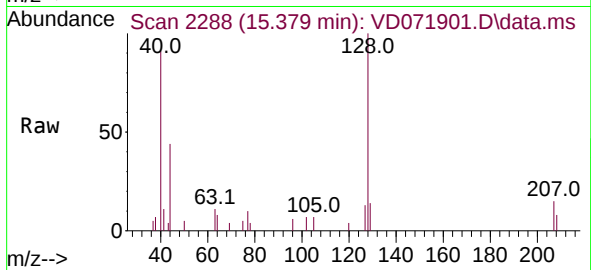
Tgt Ion: 75 Resp: 168791
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.973 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Instrument :
MSVOA_D
ClientSampleId :
RO-124035



Tgt Ion:	128	Resp:	5844
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.3	15.5
129	10.7	8.4	12.6

