

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072437.D
 Acq On : 25 Mar 2022 19:03
 Operator : VA/SY
 Sample : N2095-04
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-4.0-5.0

Quant Time: Mar 26 00:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

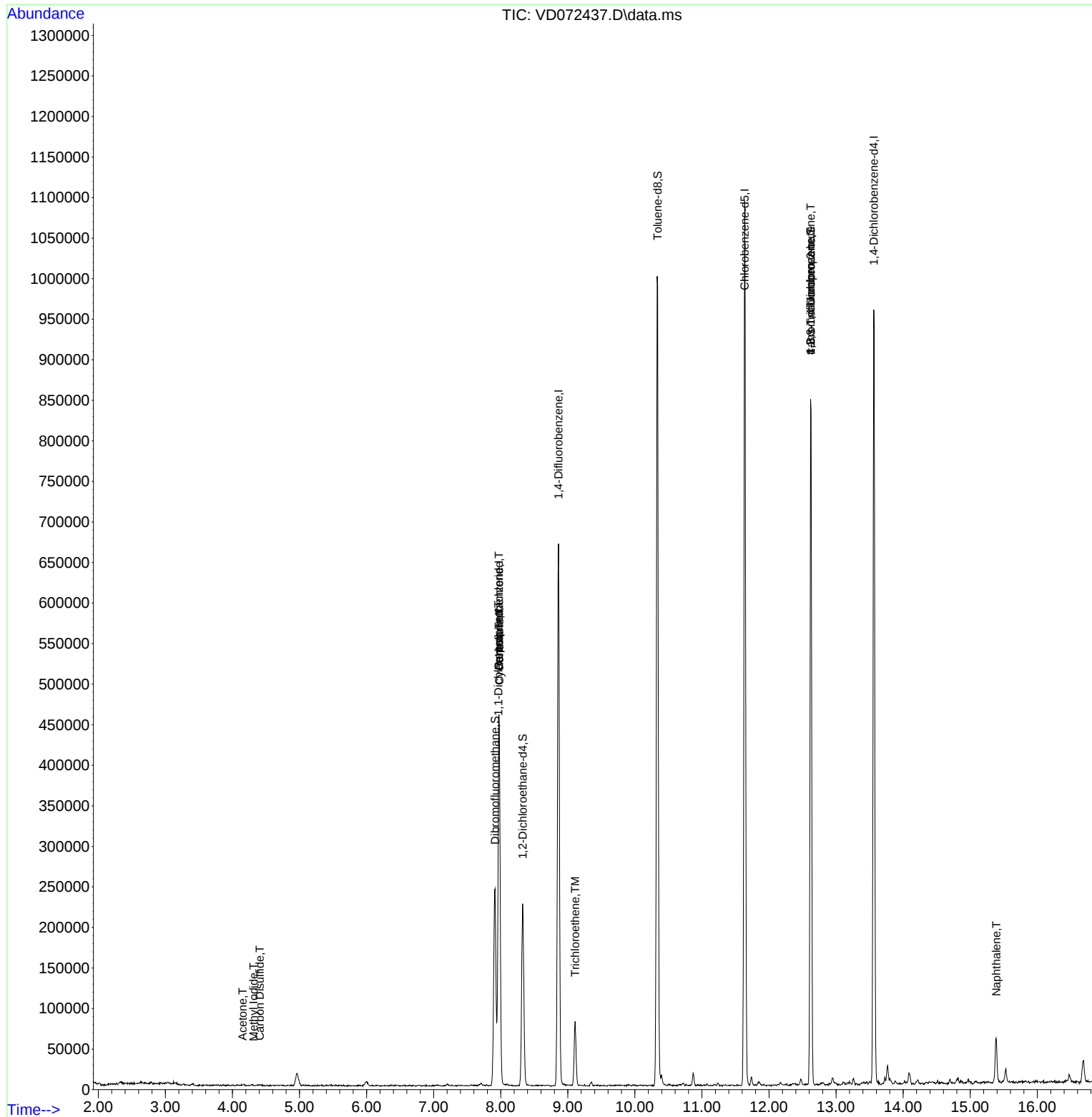
Internal Standards						
1) Pentafluorobenzene	7.973	168	328537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	554324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	608342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175315	47.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.760%
35) Dibromofluoromethane	7.914	113	177273	45.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.900%
50) Toluene-d8	10.338	98	685546	48.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.620	95	284662	51.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.720%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	710	2.429	ug/l #	38
16) Acetone	4.150	43	1705	2.145	ug/l #	77
17) Carbon Disulfide	4.409	76	2361	1.826	ug/l #	74
20) Methylene Chloride	4.968	84	11507	Below Cal	#	80
31) Cyclohexane	7.979	56	7996	1.398	ug/l #	17
36) 1,1-Dichloropropene	7.967	75	27851	5.089	ug/l #	52
38) Carbon Tetrachloride	7.973	117	35526	5.711	ug/l #	16
44) Trichloroethene	9.108	130	27161	6.197	ug/l	86
76) 1,2,3-Trichloropropane	12.620	75	149066	53.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	149066	132.280	ug/l #	7
95) Naphthalene	15.390	128	48752	5.171	ug/l	98

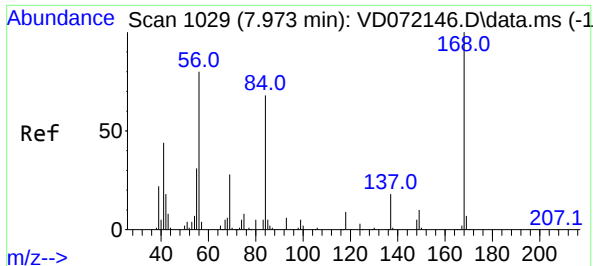
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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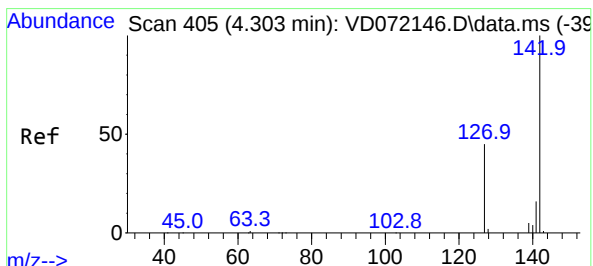
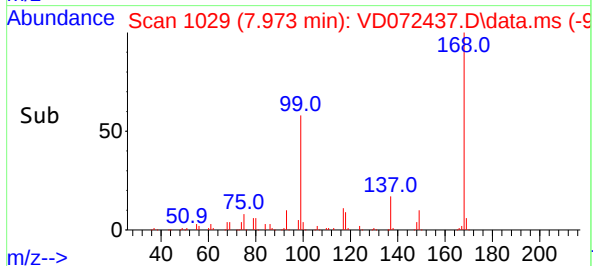
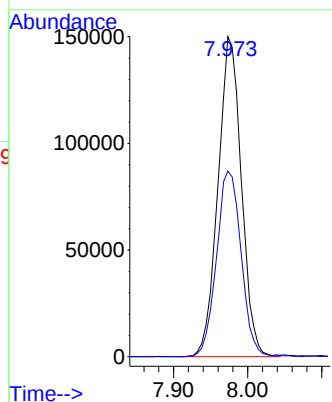
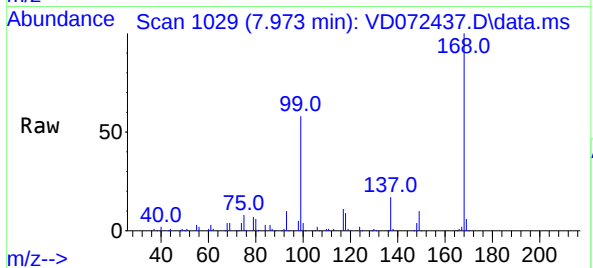




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

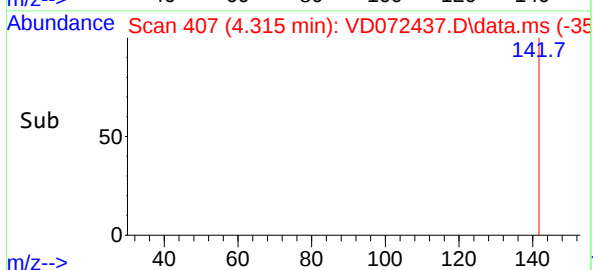
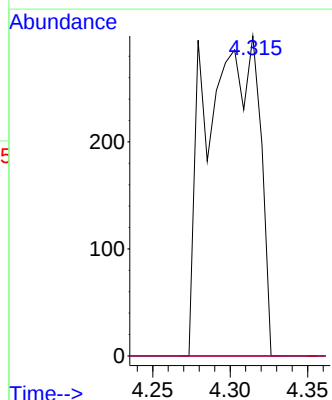
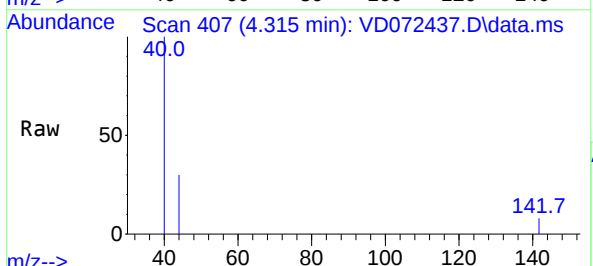
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

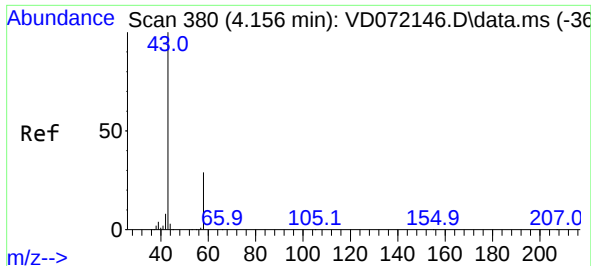
Tgt Ion:168 Resp: 328537
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#10
Methyl Iodide
Concen: 2.429 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion:142 Resp: 710
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

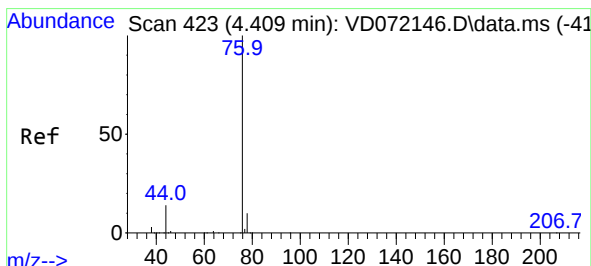
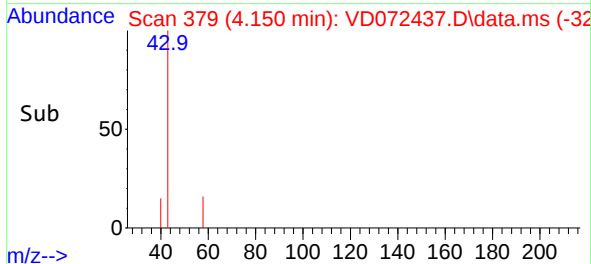
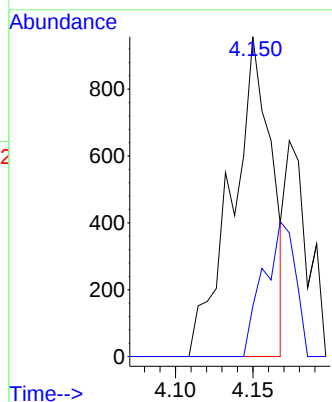
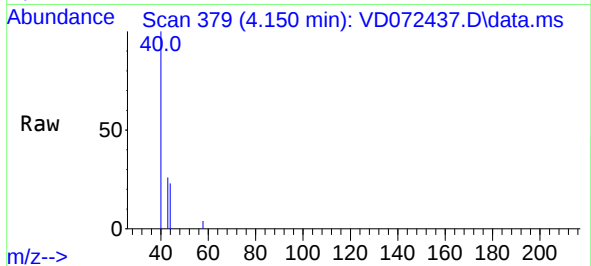




#16
Acetone
Concen: 2.145 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

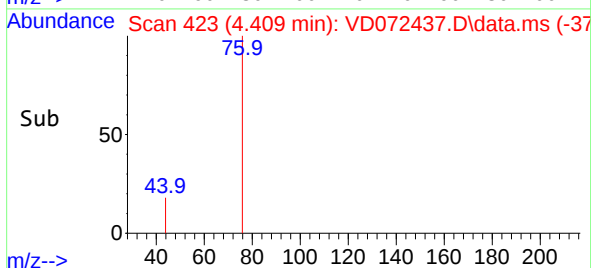
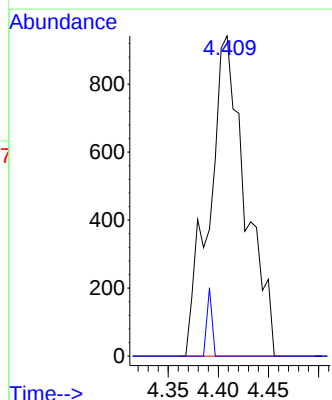
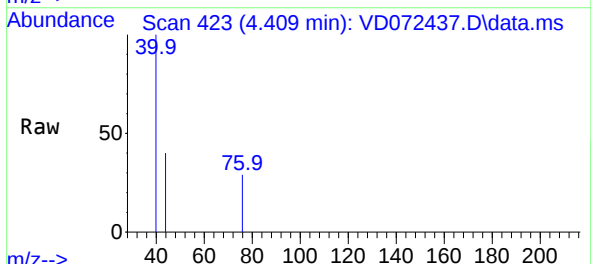
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

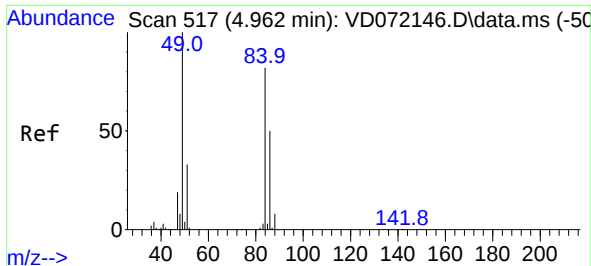
Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
58 15.8 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.826 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion: 76 Resp: 2361
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



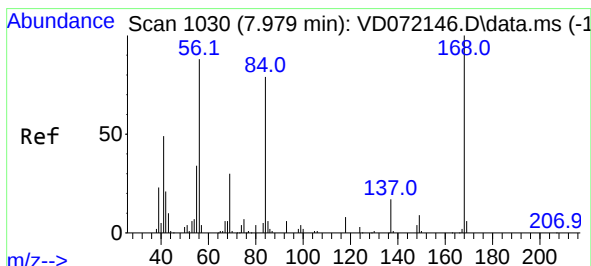
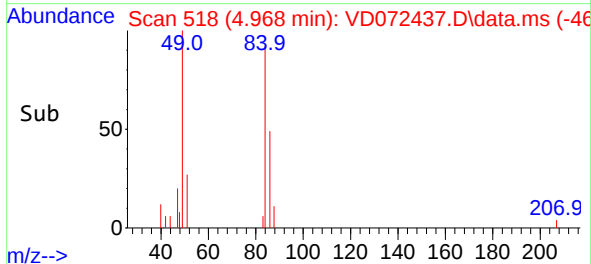
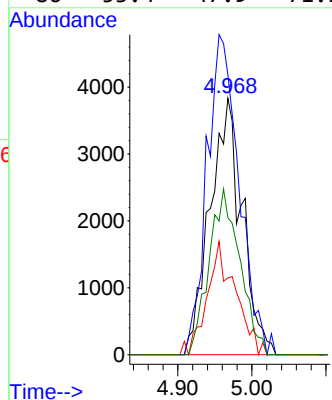
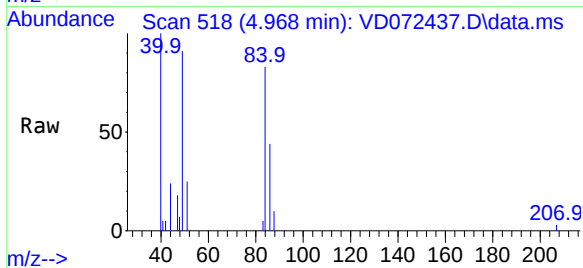


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

Tgt Ion: 84 Resp: 11507

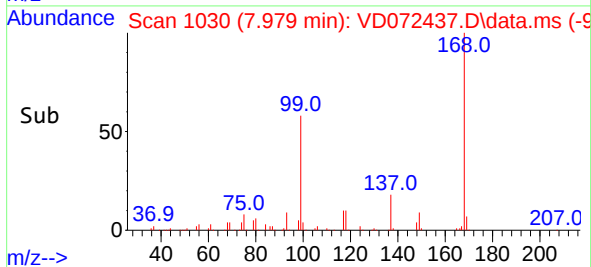
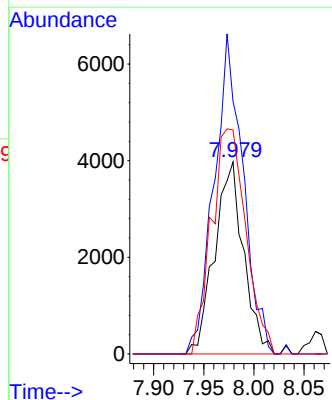
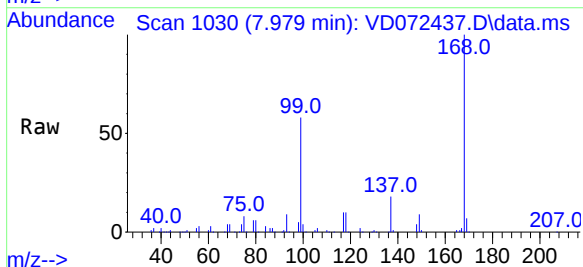
Ion	Ratio	Lower	Upper
84	100		
49	109.3	112.8	169.2#
51	30.0	32.6	48.8#
86	53.4	47.9	71.9

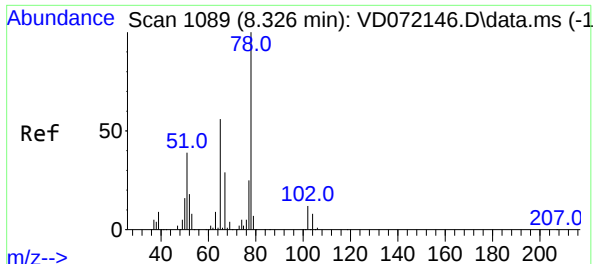


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion: 56 Resp: 7996

Ion	Ratio	Lower	Upper
56	100		
69	131.6	25.4	38.2#
84	116.7	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.882 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072437.D

Acq: 25 Mar 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

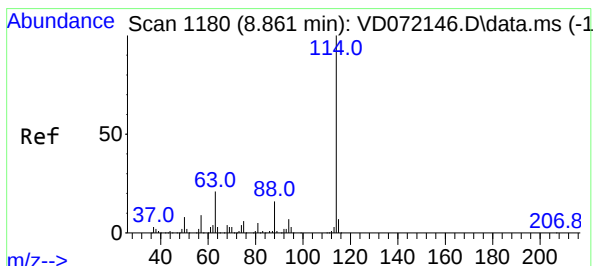
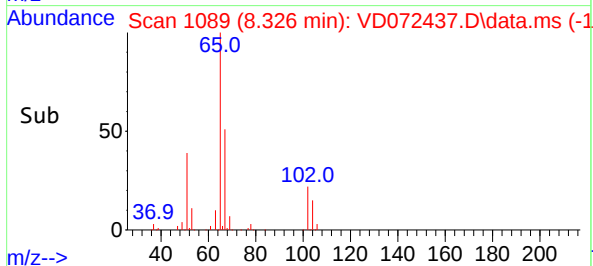
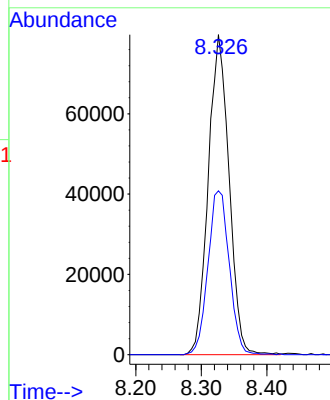
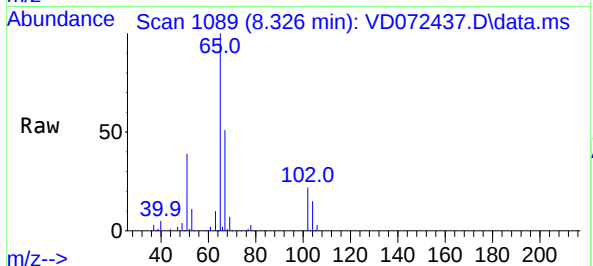
SB-04-4.0-5.0

Tgt Ion: 65 Resp: 175315

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072437.D

Acq: 25 Mar 2022 19:03

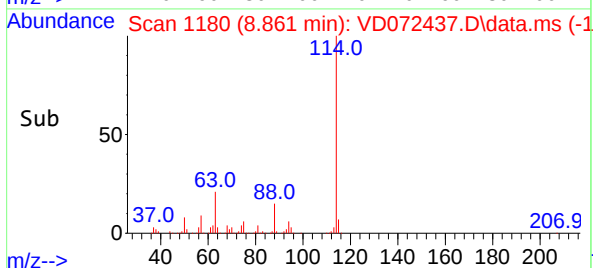
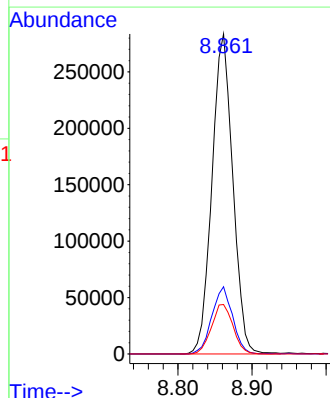
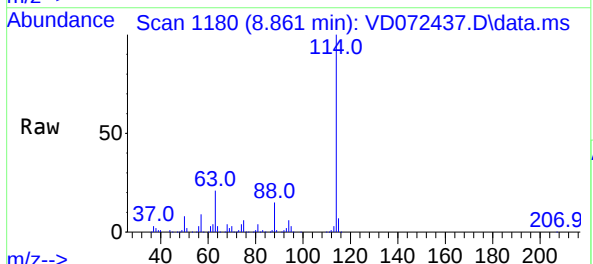
Tgt Ion: 114 Resp: 554324

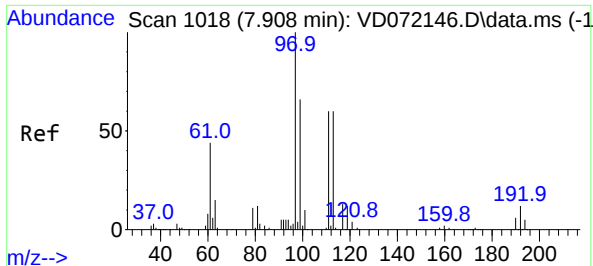
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.5 0.0 33.2

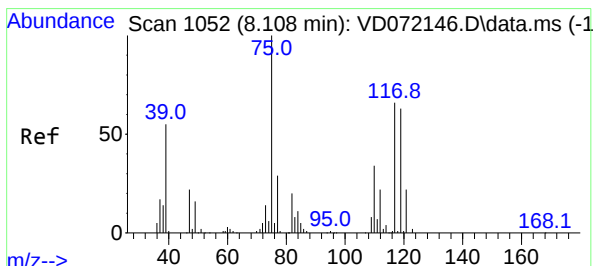
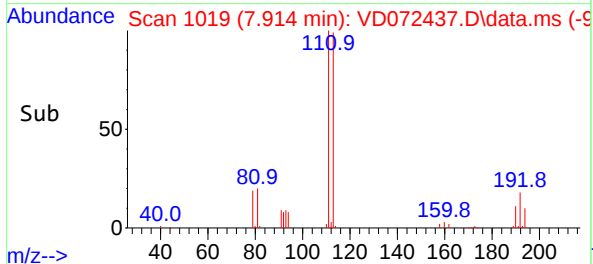
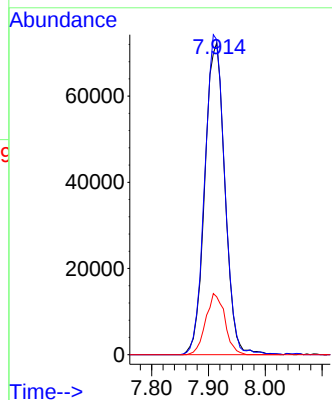
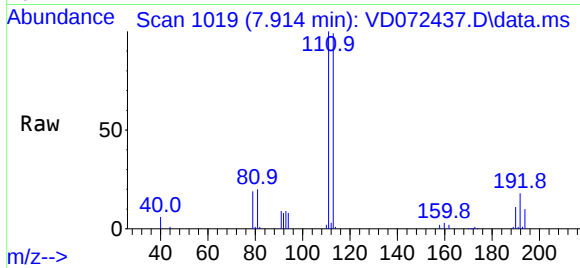




#35
Dibromofluoromethane
Concen: 45.445 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

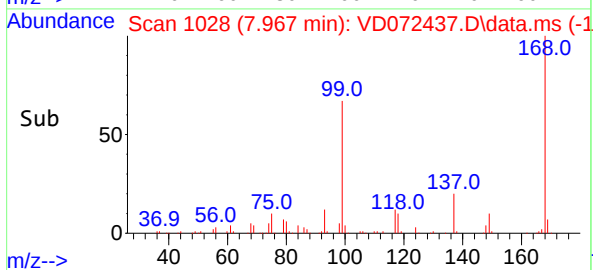
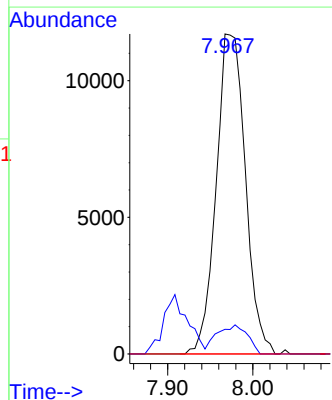
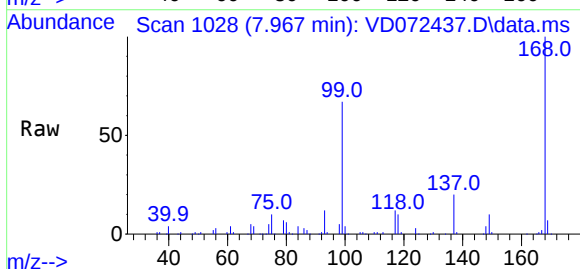
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

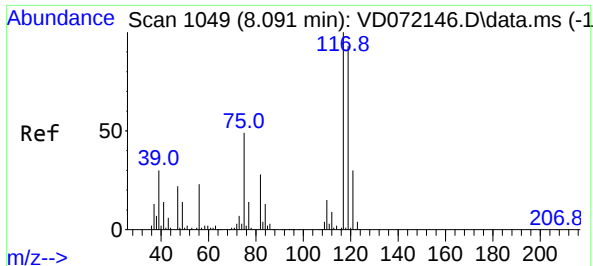
Tgt Ion:113 Resp: 177273
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 18.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion: 75 Resp: 27851
Ion Ratio Lower Upper
75 100
110 9.5 16.4 49.1#
77 0.0 24.2 36.2#

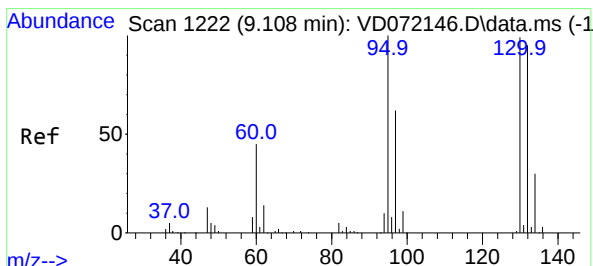
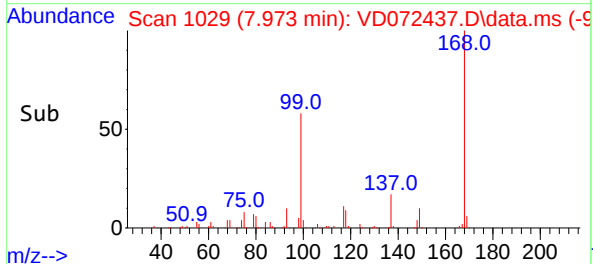
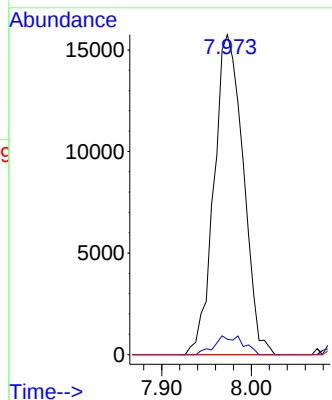
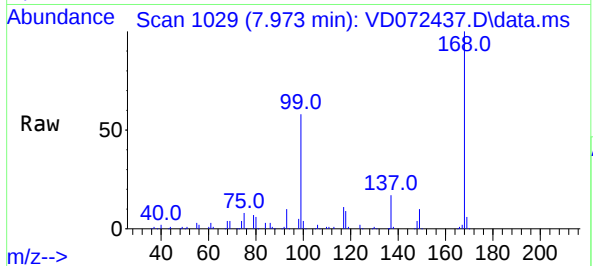




#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

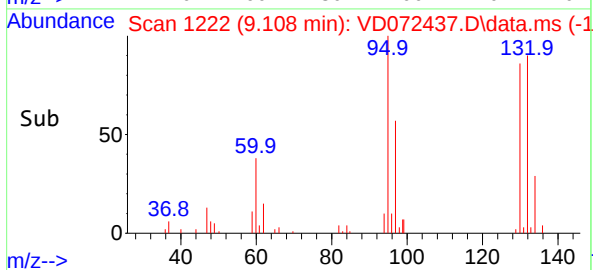
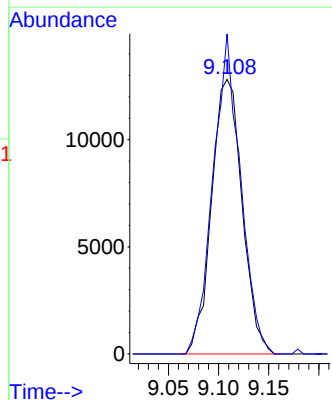
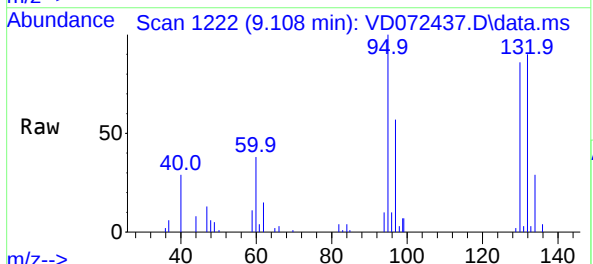
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SB-04-4.0-5.0

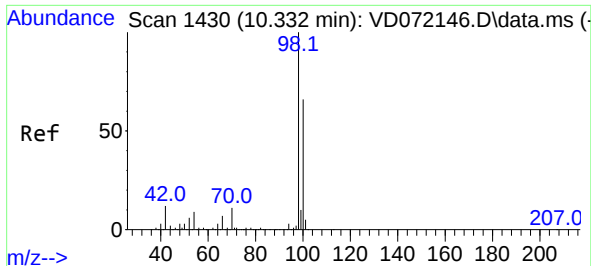
Tgt Ion:117 Resp: 35526
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 6.197 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion:130 Resp: 27161
Ion Ratio Lower Upper
130 100
95 116.5 0.0 205.4

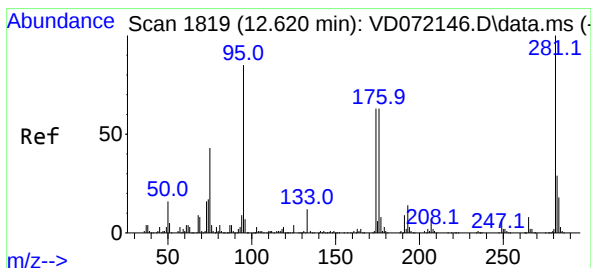
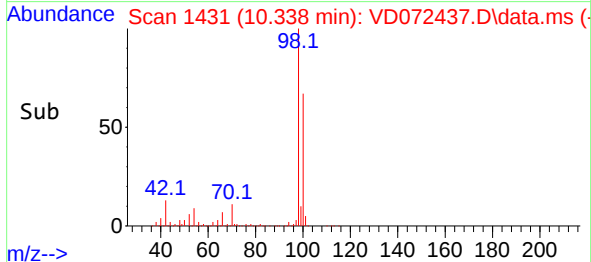
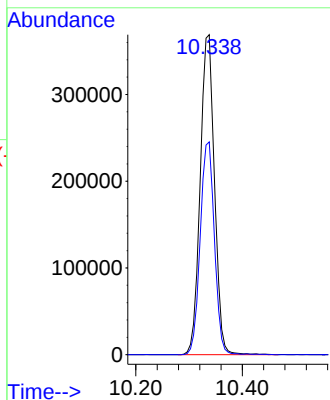
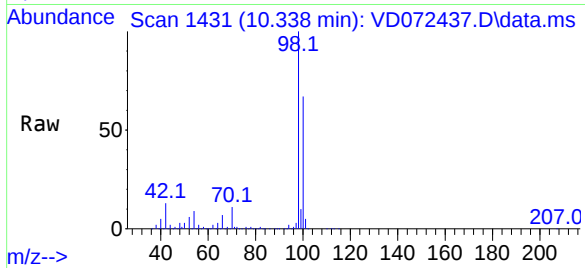




#50
Toluene-d8
Concen: 48.063 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

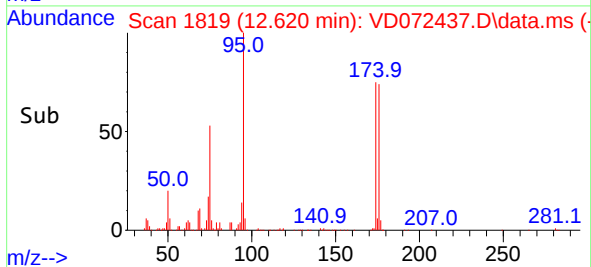
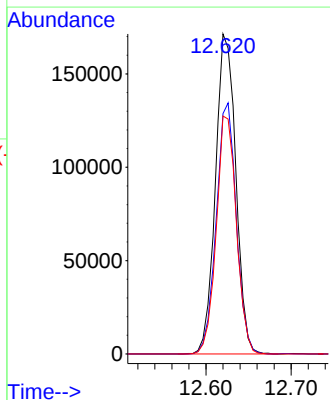
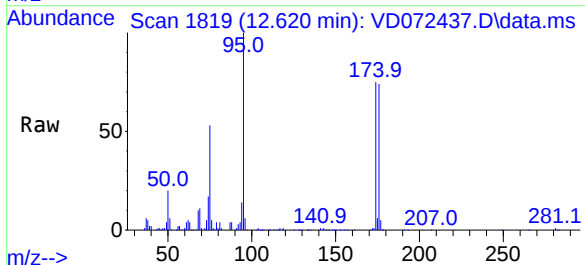
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

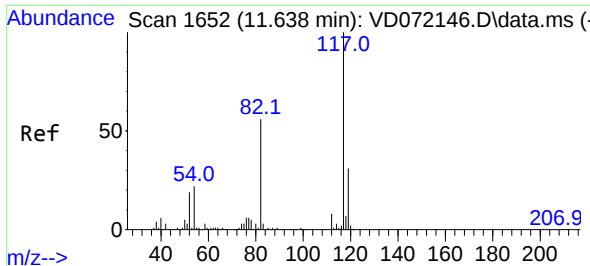
Tgt Ion: 98 Resp: 685546
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.363 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion: 95 Resp: 284662
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.3 0.0 145.4

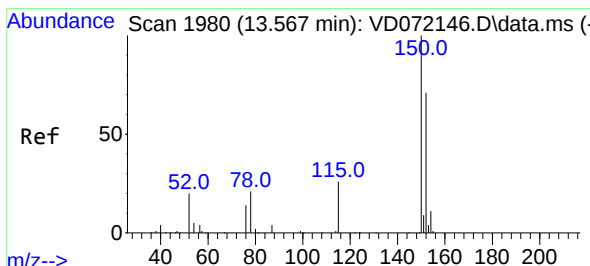
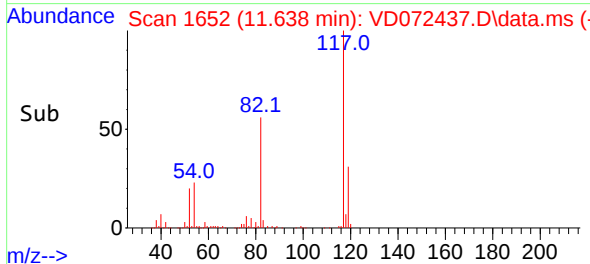
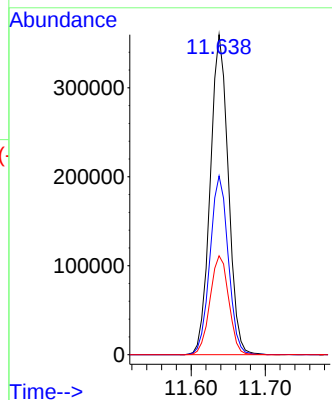
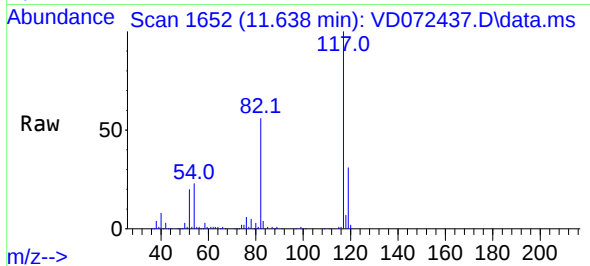




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

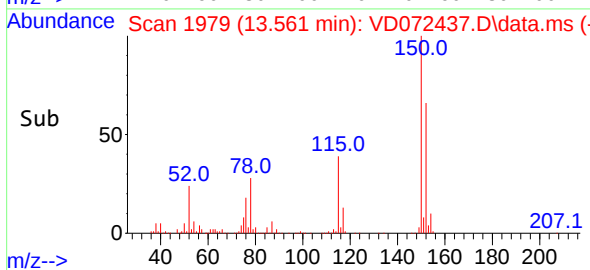
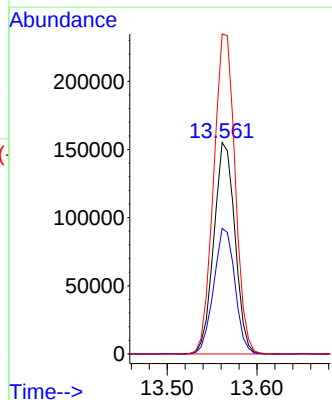
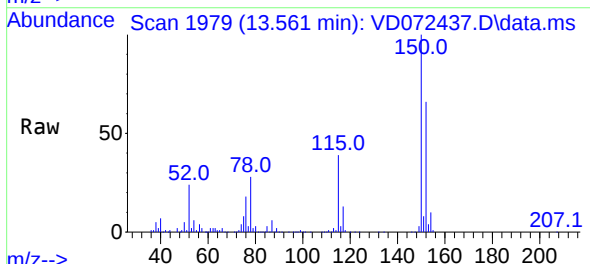
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

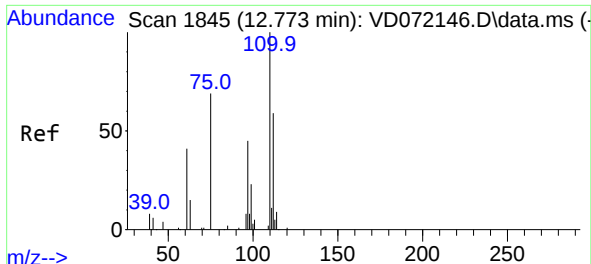
Tgt Ion:117 Resp: 608342
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 30.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion:152 Resp: 253465
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 154.3 0.0 348.6

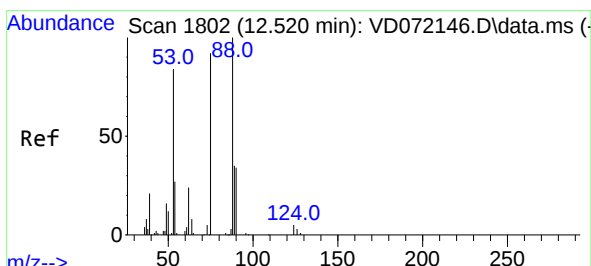
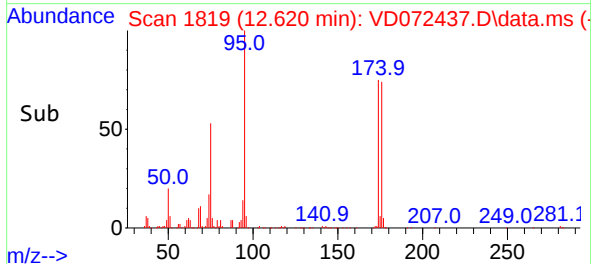
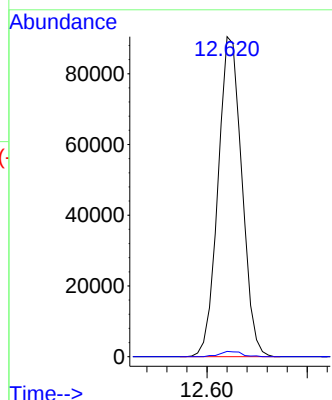
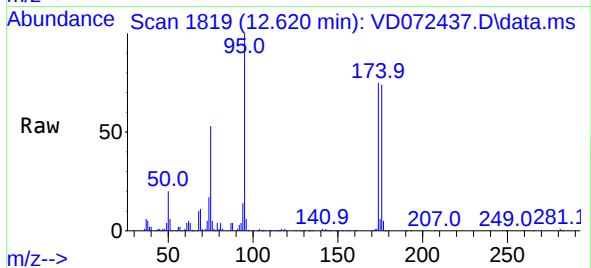




#76
1,2,3-Trichloropropane
Concen: 53.315 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

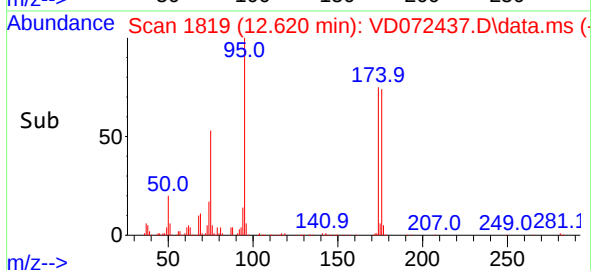
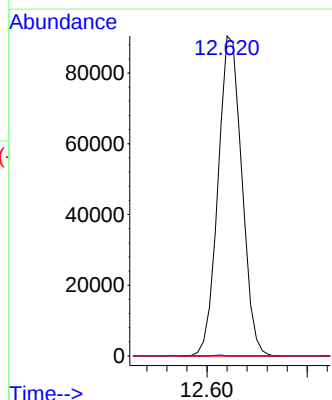
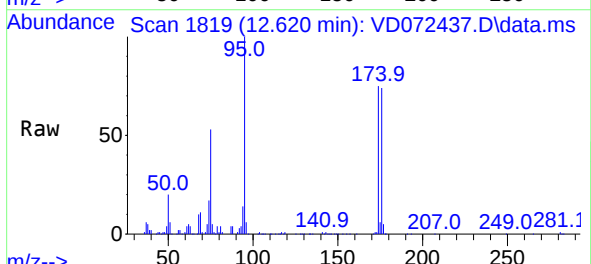
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

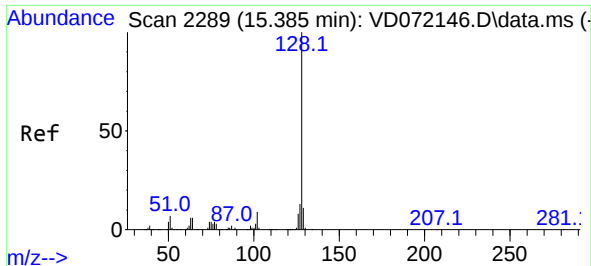
Tgt Ion: 75 Resp: 149066
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.280 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

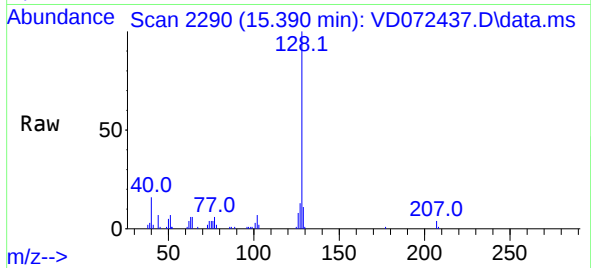
Tgt Ion: 75 Resp: 149066
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 5.171 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0



Tgt Ion:	128	Resp:	48752
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	11.2	8.4	12.6

