

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072438.D
 Acq On : 25 Mar 2022 19:32
 Operator : VA/SY
 Sample : N2095-05
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-5.0-6.0

Quant Time: Mar 26 00:15:36 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)

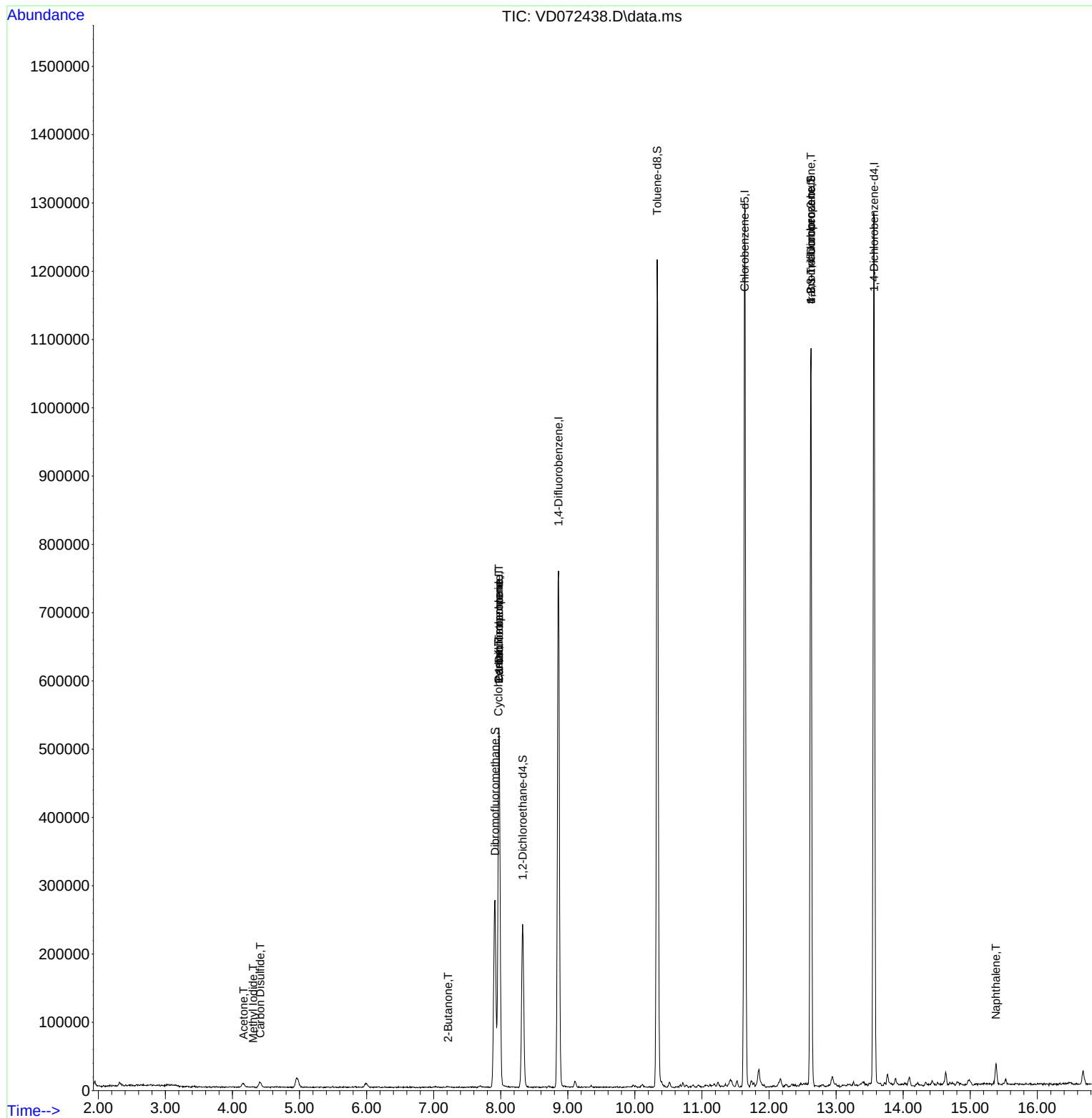
Internal Standards						
1) Pentafluorobenzene	7.973	168	386019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	653041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	727112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	345273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191634	44.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.100%
35) Dibromofluoromethane	7.914	113	199102	43.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.660%
50) Toluene-d8	10.332	98	813264	48.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.626	95	362941	55.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.180%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	544	2.358	ug/l #	38
16) Acetone	4.168	43	10179	10.898	ug/l	92
17) Carbon Disulfide	4.415	76	16214	3.401	ug/l	97
20) Methylene Chloride	4.956	84	10866	Below Cal	#	95
25) 2-Butanone	7.214	43	1832	1.471	ug/l #	71
31) Cyclohexane	7.967	56	9265	1.378	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	31110	4.826	ug/l #	52
38) Carbon Tetrachloride	7.973	117	40435	5.518	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	187809	49.311	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	187809	122.346	ug/l #	7
95) Naphthalene	15.385	128	26134	2.035	ug/l #	94

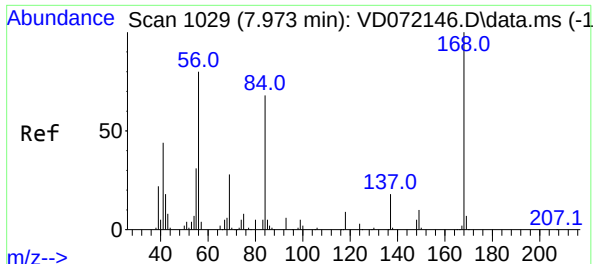
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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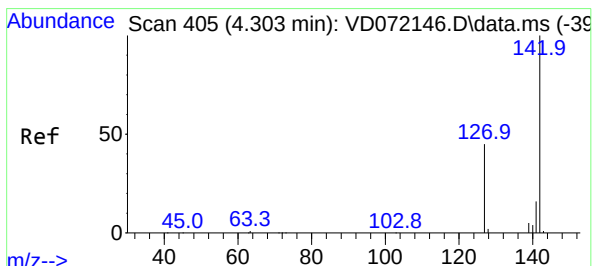
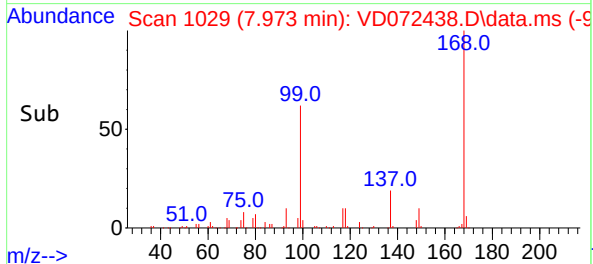
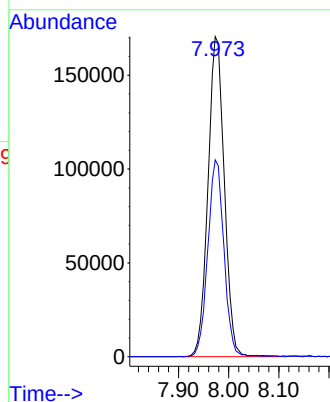
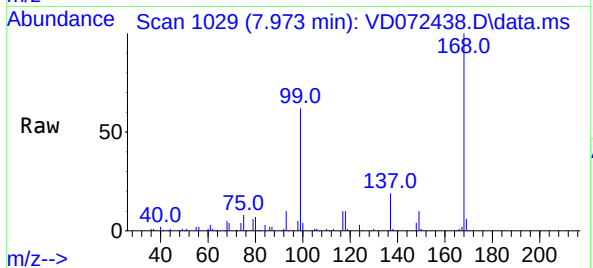




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

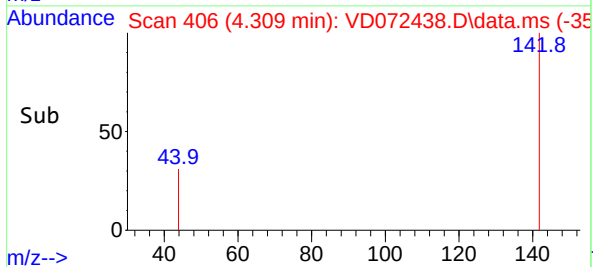
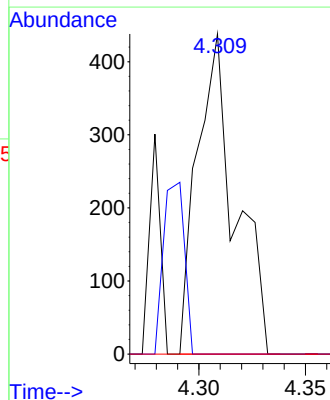
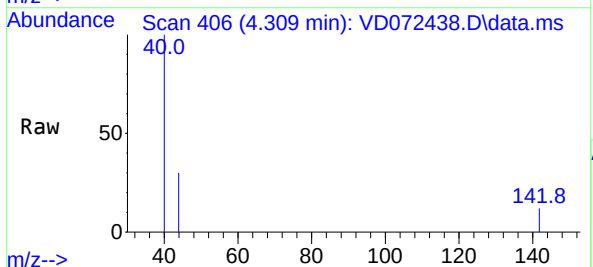
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

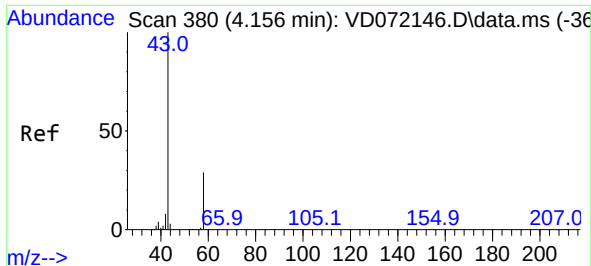
Tgt Ion:168 Resp: 386019
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.358 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

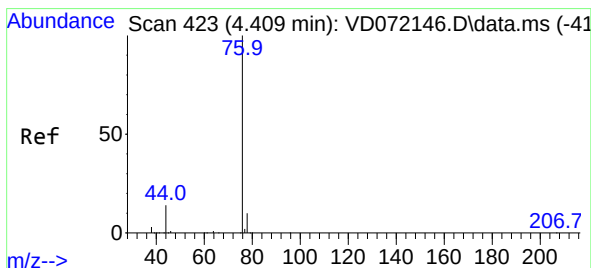
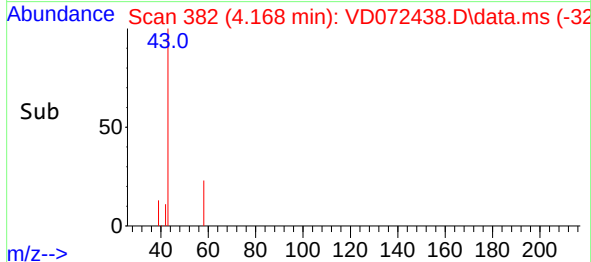
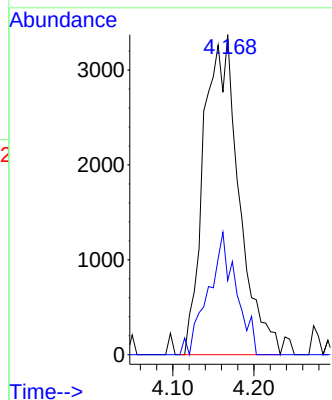
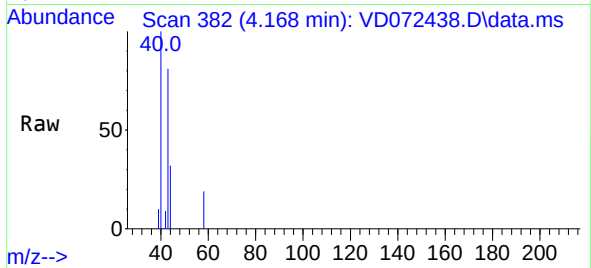




#16
Acetone
Concen: 10.898 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

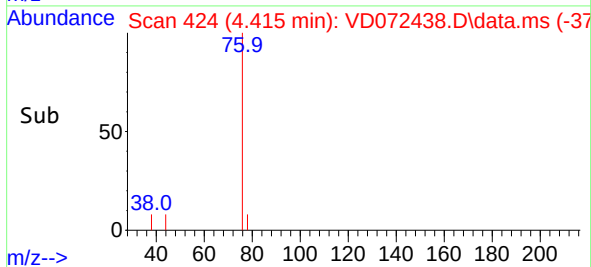
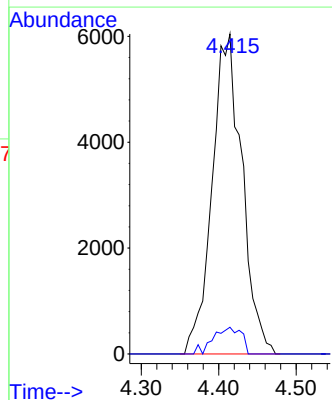
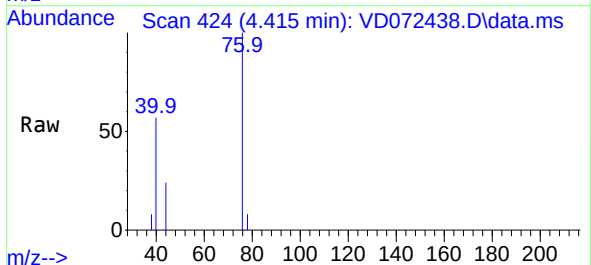
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

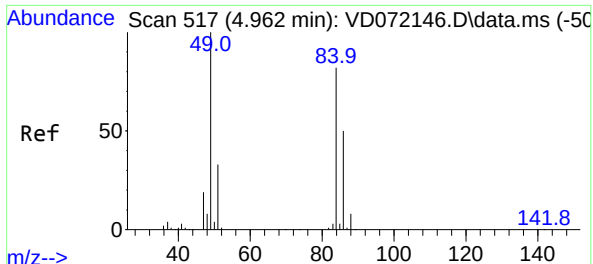
Tgt Ion: 43 Resp: 10179
Ion Ratio Lower Upper
43 100
58 23.2 22.1 33.1



#17
Carbon Disulfide
Concen: 3.401 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 76 Resp: 16214
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



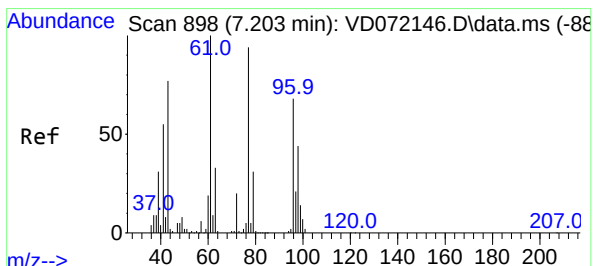
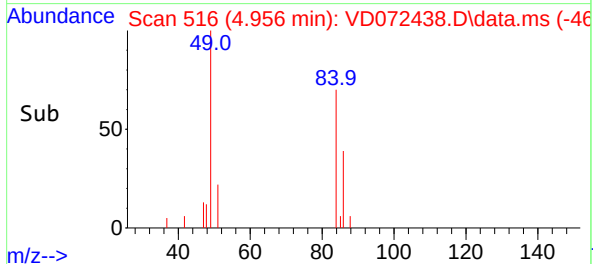
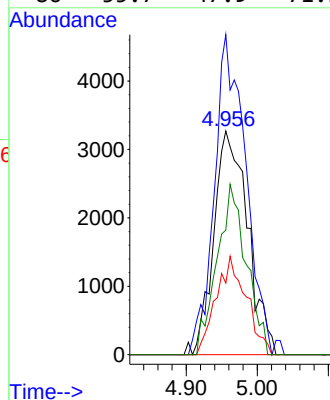
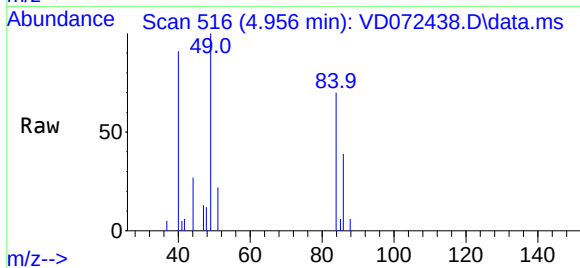


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

Tgt Ion: 84 Resp: 10866

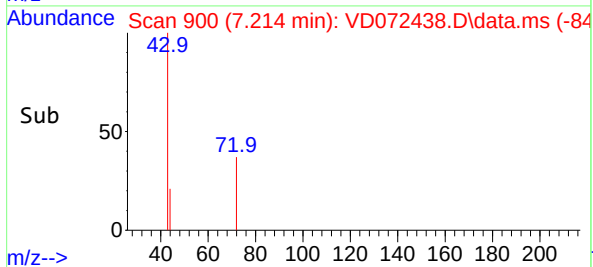
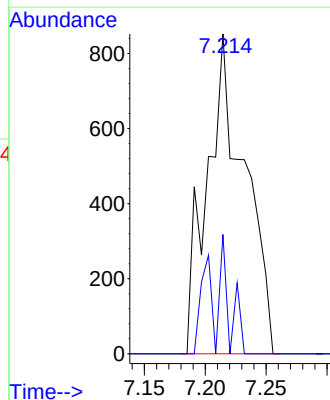
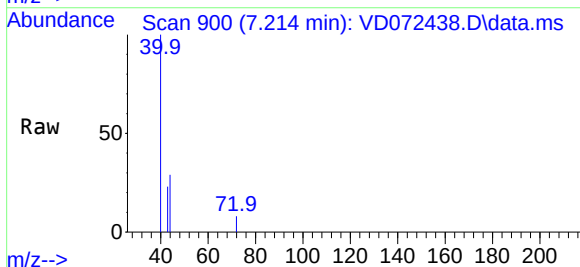
Ion	Ratio	Lower	Upper
84	100		
49	143.1	112.8	169.2
51	32.0	32.6	48.8#
86	55.7	47.9	71.9

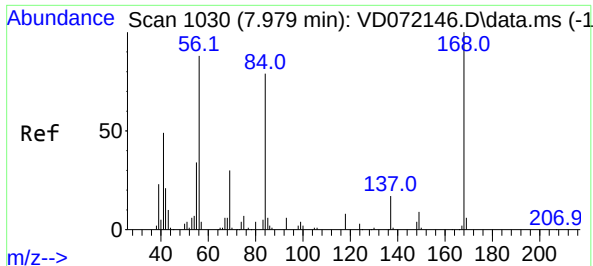


#25
2-Butanone
Concen: 1.471 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 43 Resp: 1832

Ion	Ratio	Lower	Upper
43	100		
72	37.3	18.6	27.8#





#31

Cyclohexane

Concen: 1.378 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD072438.D

Acq: 25 Mar 2022 19:32

Instrument :

MSVOA_D

ClientSampleId :

SB-05-5.0-6.0

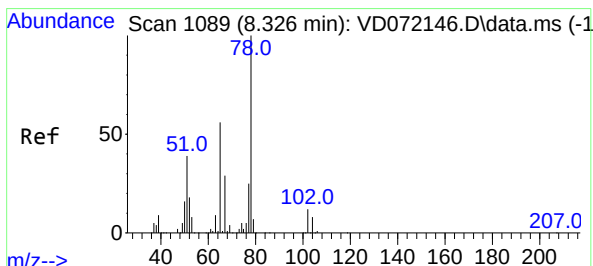
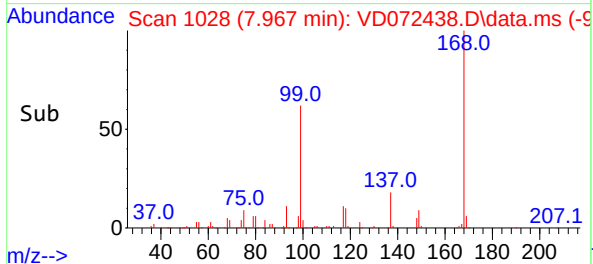
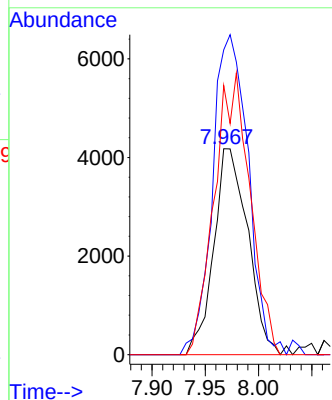
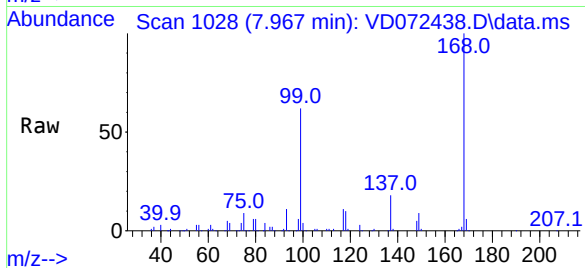
Tgt Ion: 56 Resp: 9265

Ion Ratio Lower Upper

56 100

69 148.0 25.4 38.2#

84 130.7 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 44.546 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072438.D

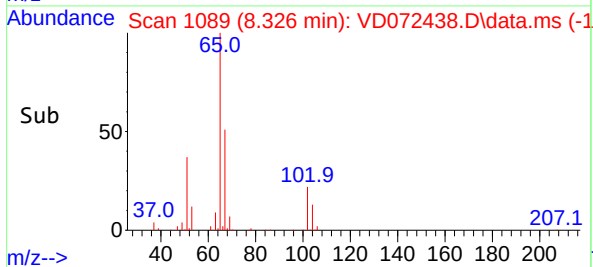
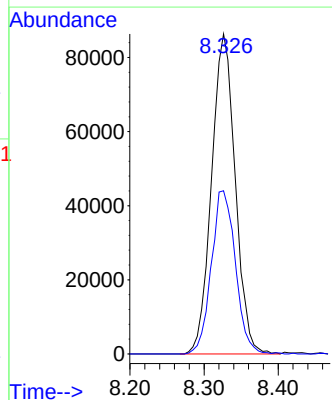
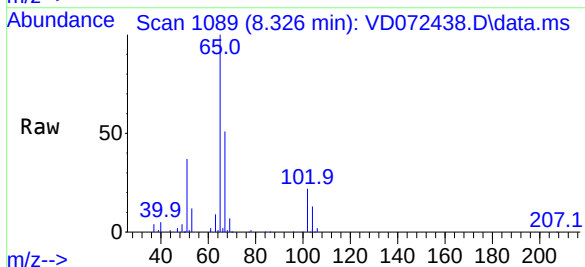
Acq: 25 Mar 2022 19:32

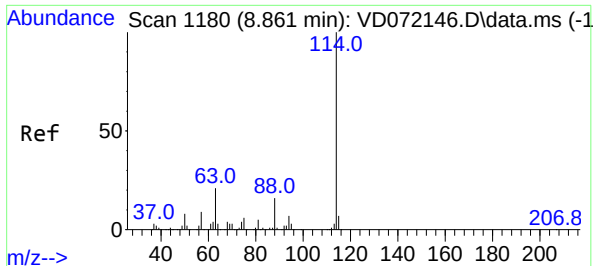
Tgt Ion: 65 Resp: 191634

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4



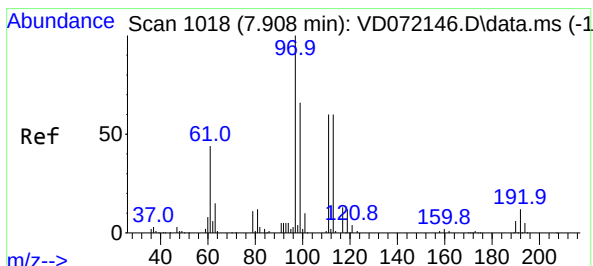
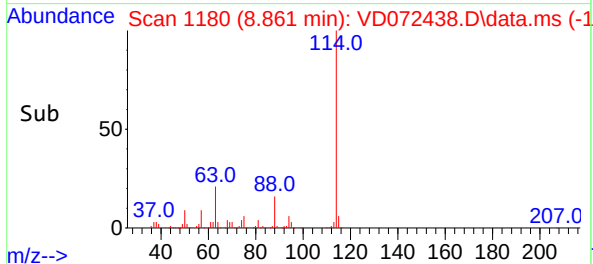
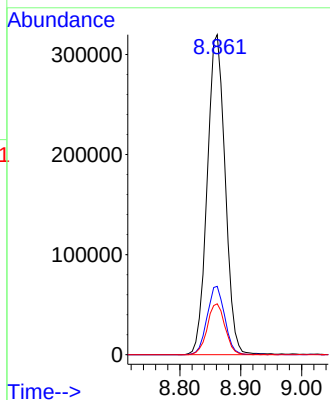
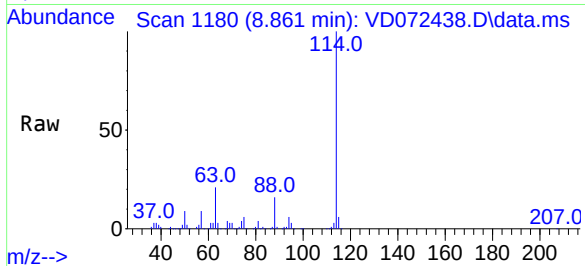


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

Tgt Ion:114 Resp: 653041

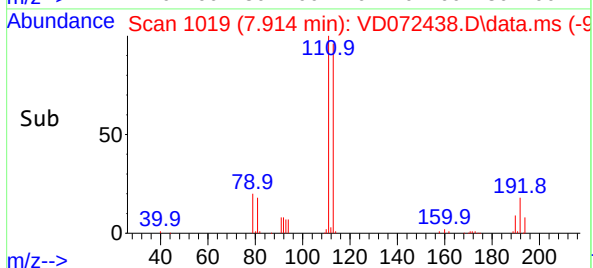
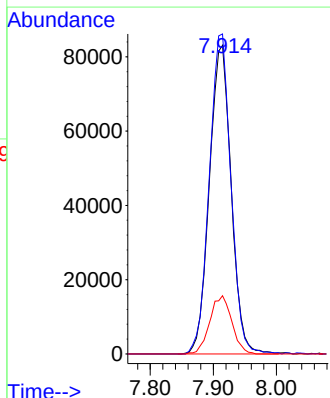
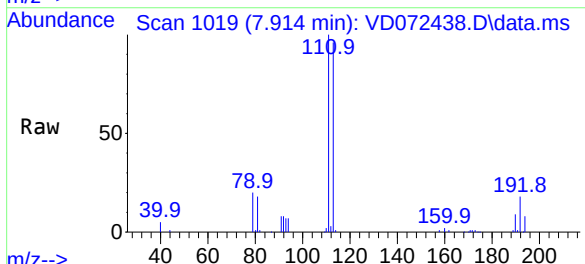
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	46.6
88	15.9	0.0	33.2

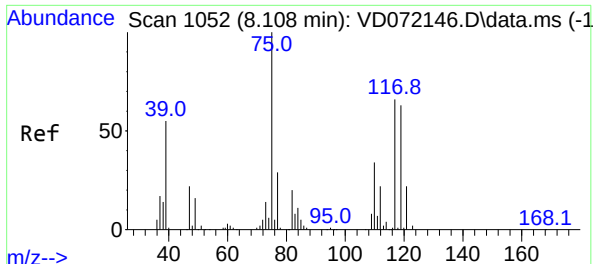


#35
Dibromofluoromethane
Concen: 43.325 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion:113 Resp: 199102

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	19.0	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072438.D

Acq: 25 Mar 2022 19:32

Instrument :

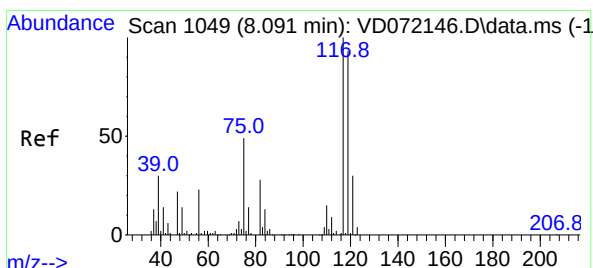
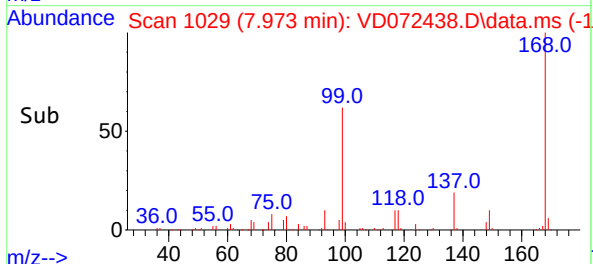
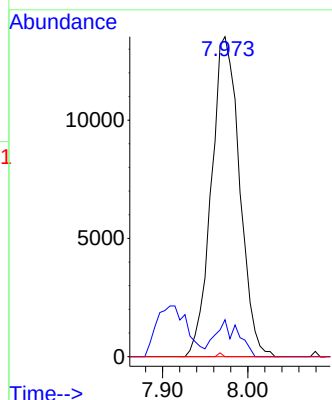
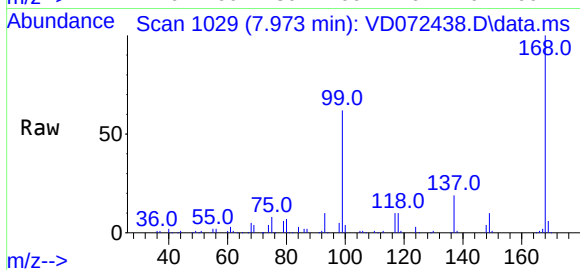
MSVOA_D

ClientSampleId :

SB-05-5.0-6.0

Tgt Ion: 75 Resp: 31110

Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.4	49.1#
77	0.2	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.518 ug/l

RT: 7.973 min Scan# 1029

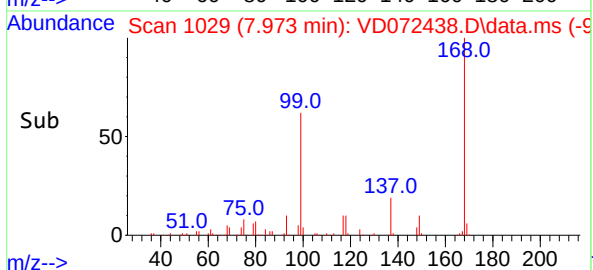
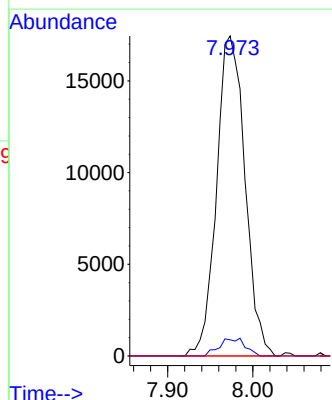
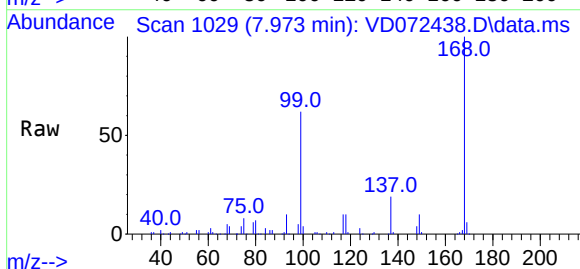
Delta R.T. -0.118 min

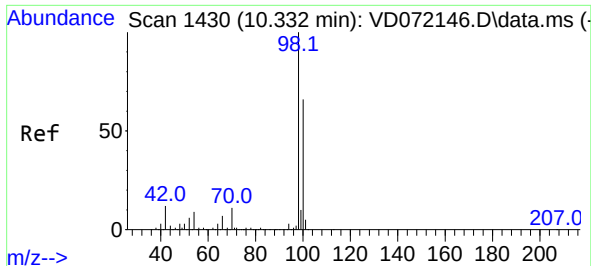
Lab File: VD072438.D

Acq: 25 Mar 2022 19:32

Tgt Ion: 117 Resp: 40435

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.6#
121	0.0	24.5	36.7#

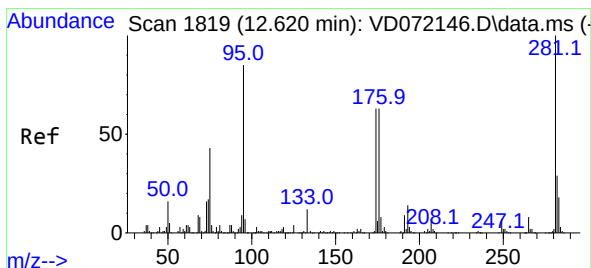
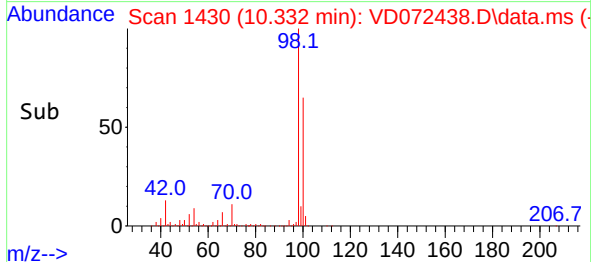
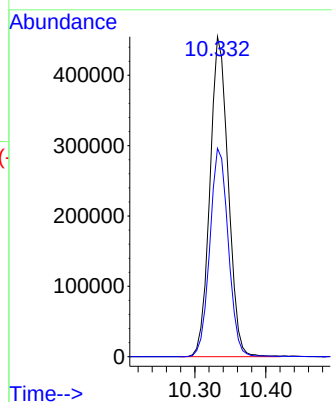
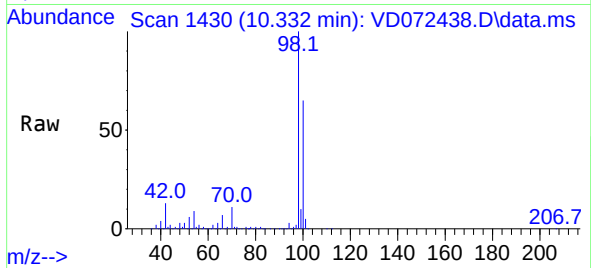




#50
Toluene-d8
Concen: 48.398 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

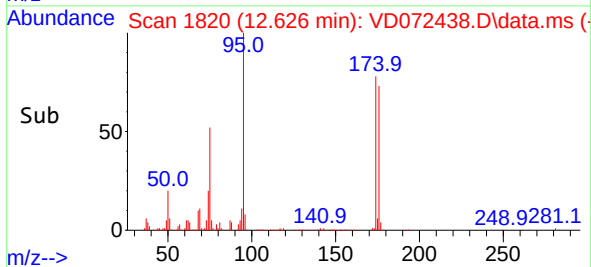
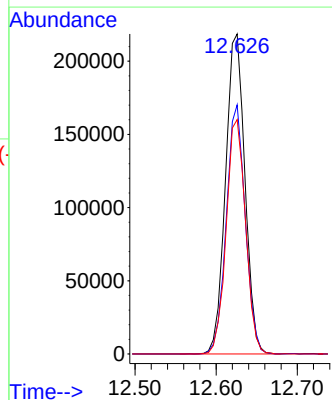
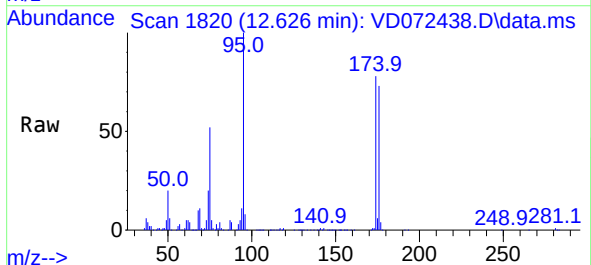
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

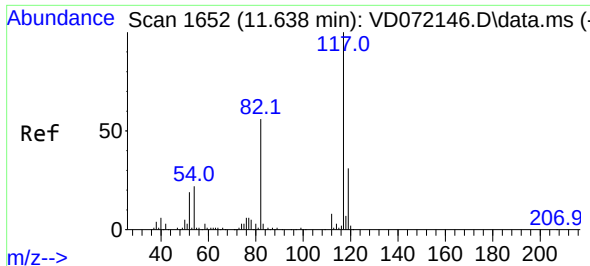
Tgt Ion: 98 Resp: 813264
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.588 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 95 Resp: 362941
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 72.9 0.0 145.4

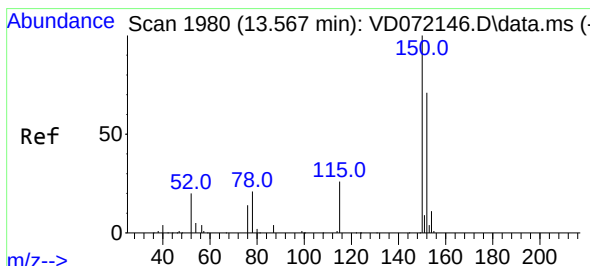
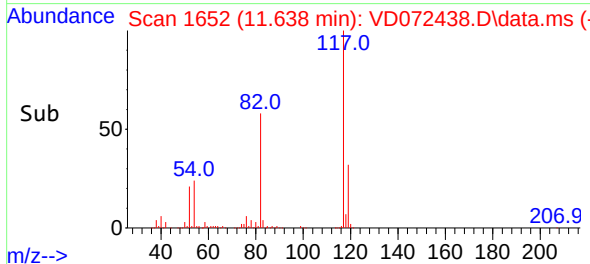
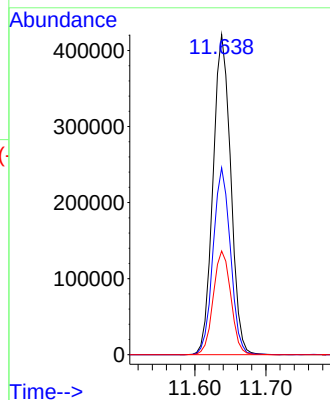
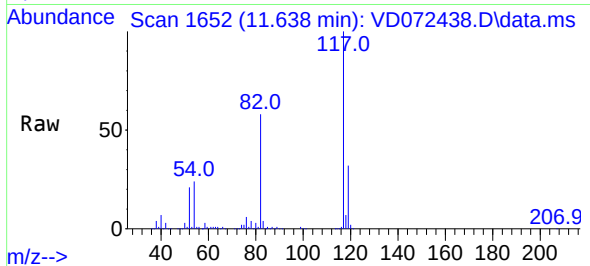




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

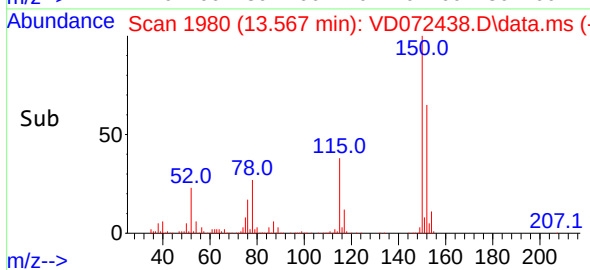
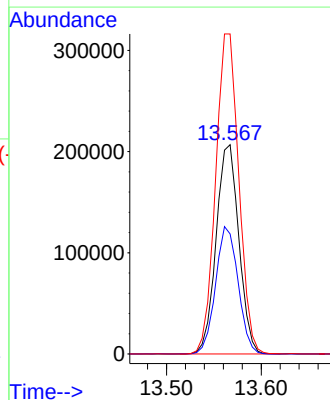
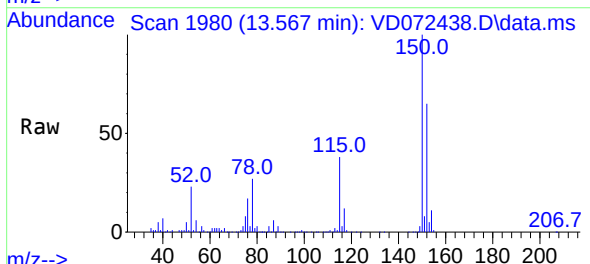
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

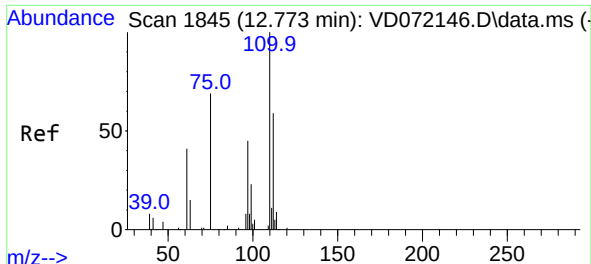
Tgt Ion:117 Resp: 727112
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion:152 Resp: 345273
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 155.6 0.0 348.6

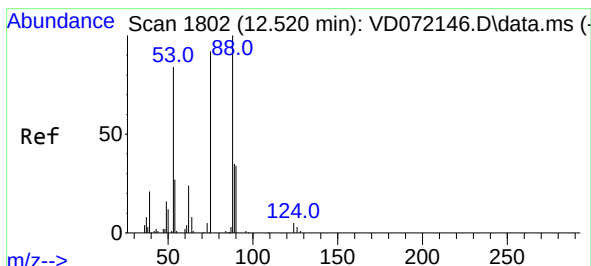
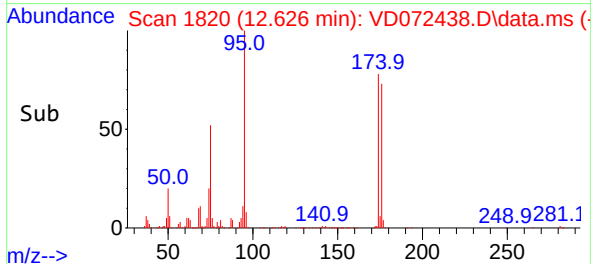
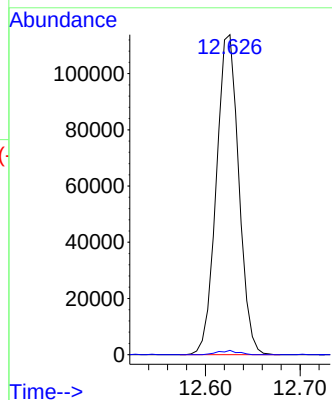
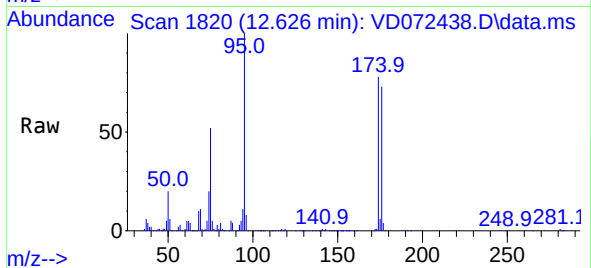




#76
1,2,3-Trichloropropane
Concen: 49.311 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

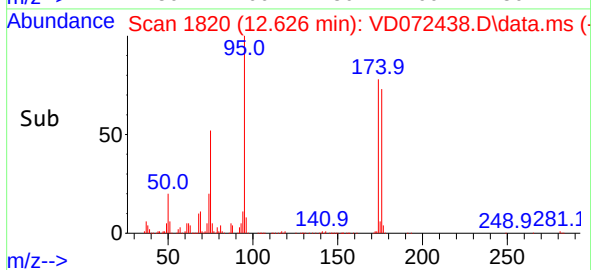
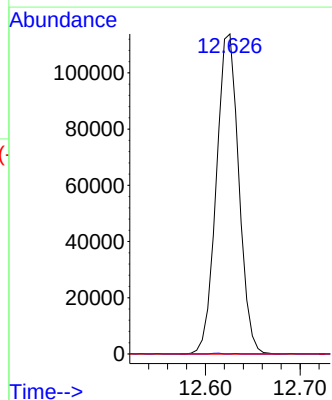
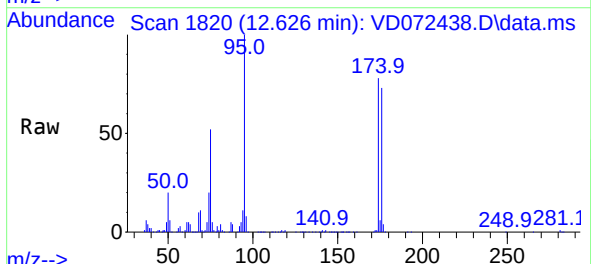
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

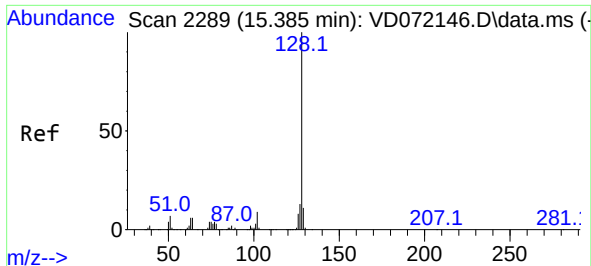
Tgt Ion: 75 Resp: 187809
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.346 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 75 Resp: 187809
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 2.035 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072438.D

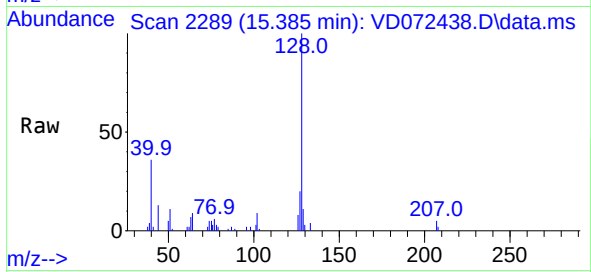
Acq: 25 Mar 2022 19:32

Instrument :

MSVOA_D

ClientSampleId :

SB-05-5.0-6.0



Tgt Ion:128 Resp: 26134

Ion Ratio Lower Upper

128 100

127 15.6 10.3 15.5#

129 12.4 8.4 12.6

