

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072330.D
 Acq On : 21 Mar 2022 10:21
 Operator : VA/SY
 Sample : VD0321SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBL01

Quant Time: Mar 22 02:09:36 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	448015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	777152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209852	42.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.060%
35) Dibromofluoromethane	7.909	113	224105	43.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.900%
50) Toluene-d8	10.332	98	899549	48.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.620	95	373466	51.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.100%

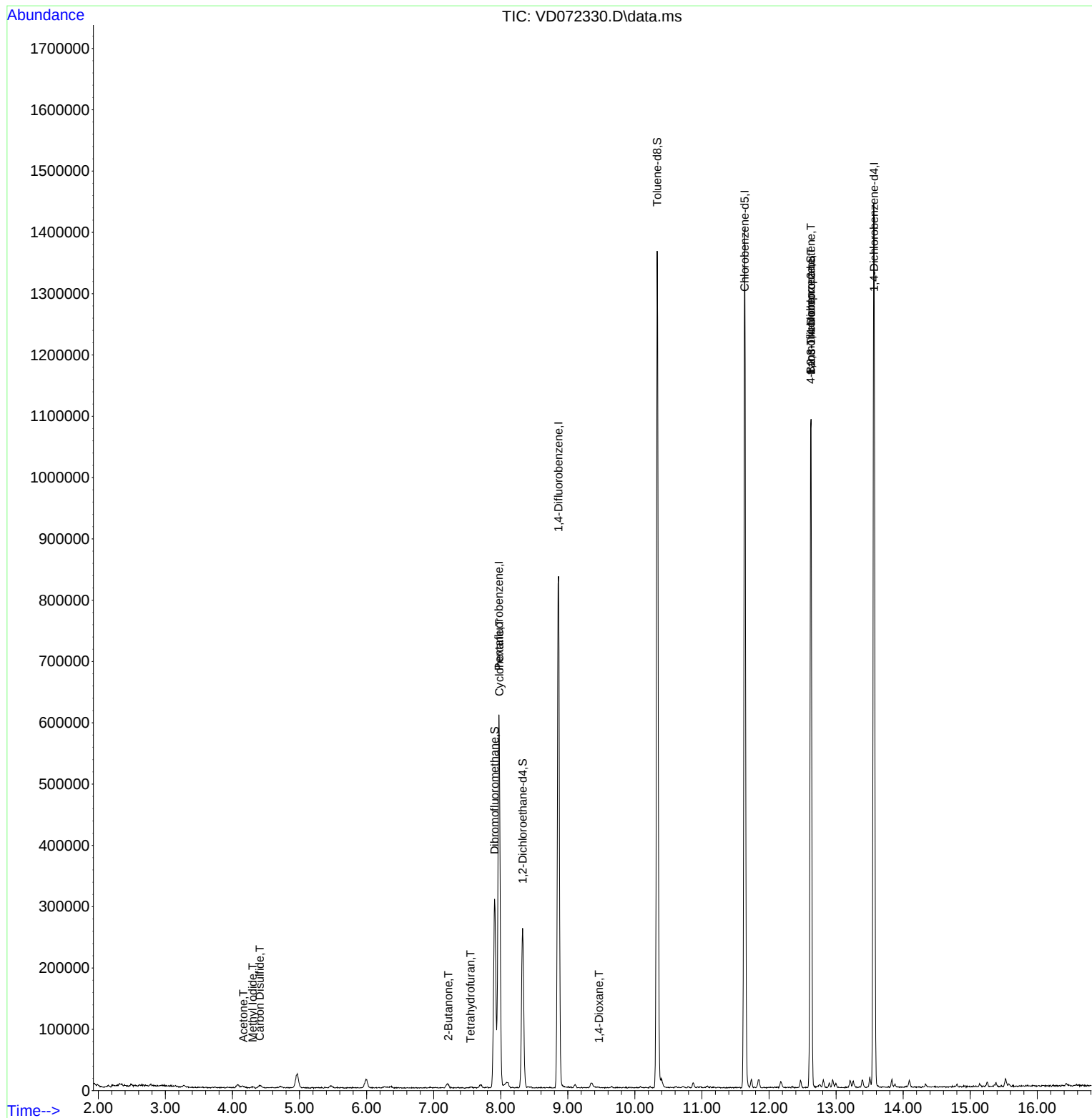
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	1755	2.592	ug/l #	63
16) Acetone	4.162	43	4689	4.325	ug/l	92
17) Carbon Disulfide	4.409	76	8108	2.319	ug/l	95
20) Methylene Chloride	4.968	84	17267	Below Cal	#	85
25) 2-Butanone	7.220	43	1886	1.305	ug/l #	90
29) Tetrahydrofuran	7.550	42	1078	1.268	ug/l #	49
31) Cyclohexane	7.979	56	12149	1.557	ug/l #	6
49) 1,4-Dioxane	9.467	88	69	2.090	ug/l #	21
76) 1,2,3-Trichloropropane	12.626	75	194429	45.436	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	194429	112.731	ug/l #	7

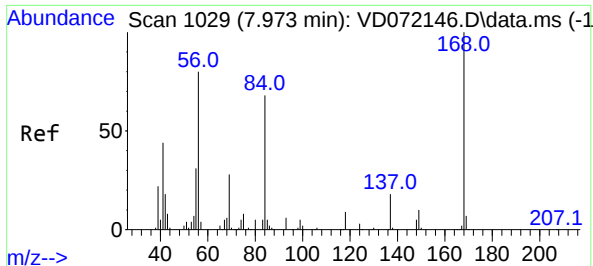
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
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ClientSampleId :
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Quant Time: Mar 22 02:09:36 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

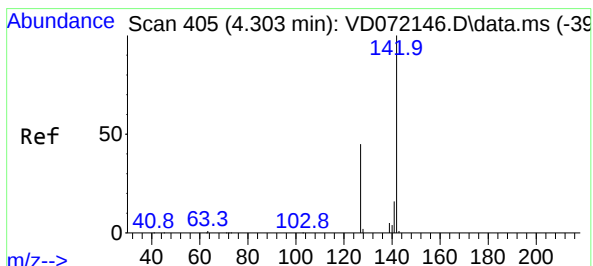
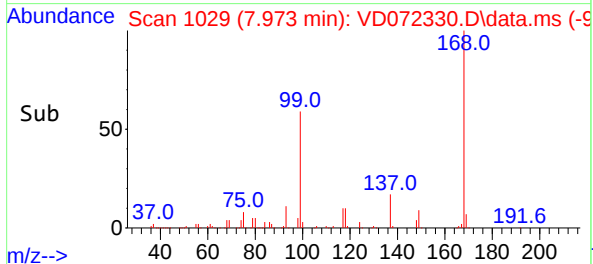
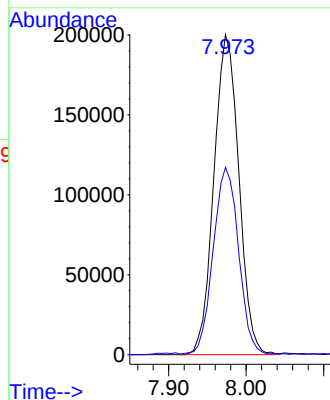
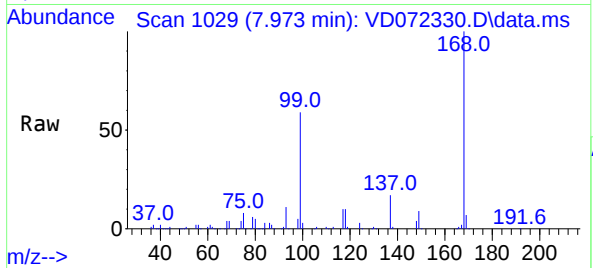




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

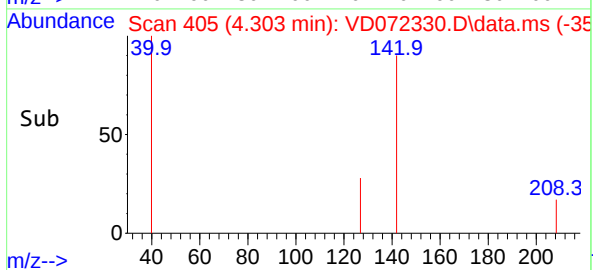
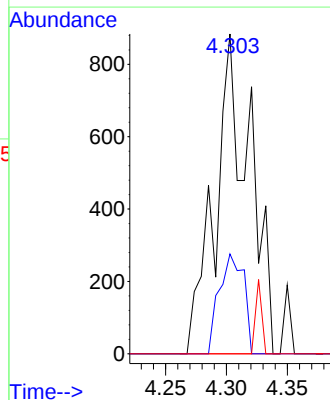
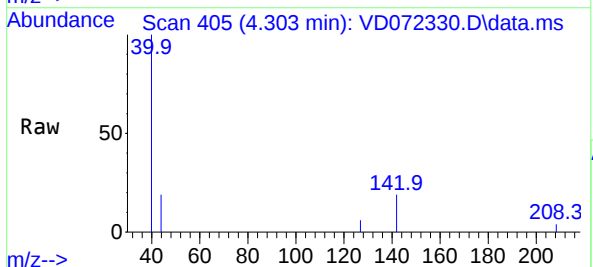
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

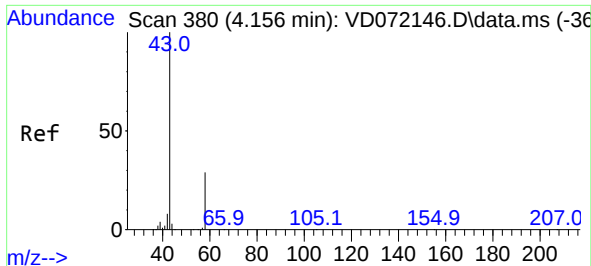
Tgt Ion:168 Resp: 448015
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#10
Methyl Iodide
Concen: 2.592 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion:142 Resp: 1755
Ion Ratio Lower Upper
142 100
127 21.9 37.3 55.9#
141 0.0 11.7 17.5#

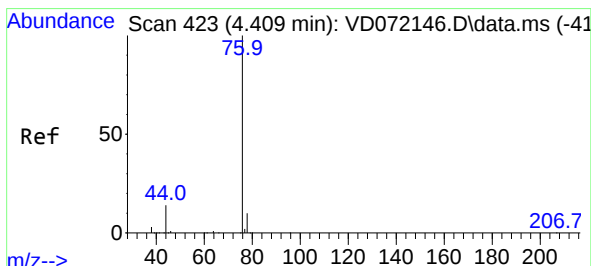
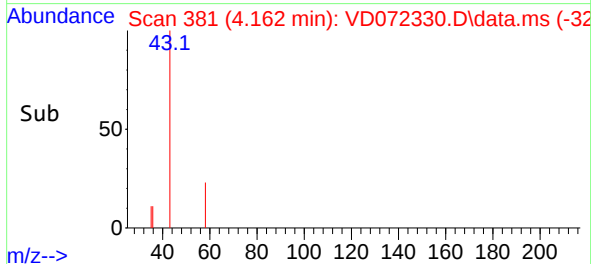
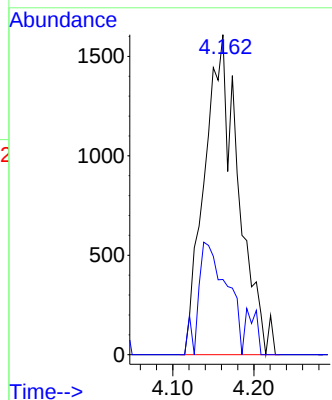
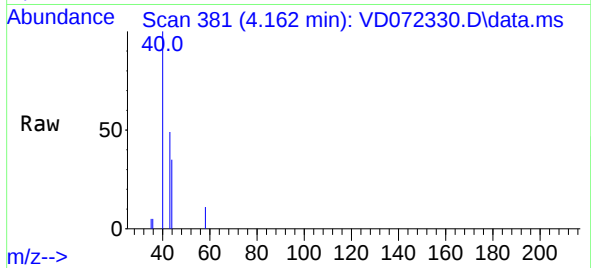




#16
Acetone
Concen: 4.325 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

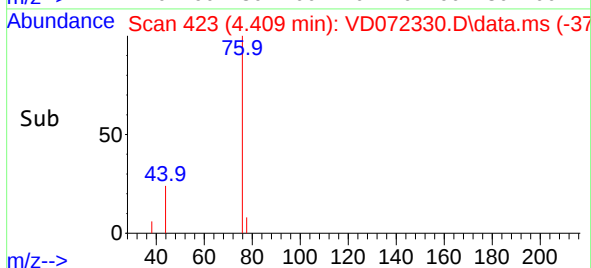
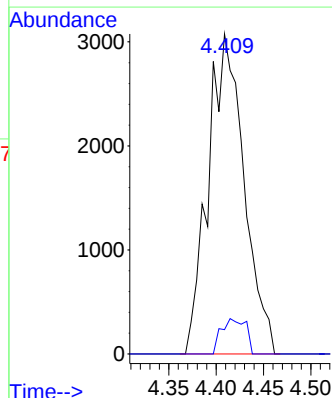
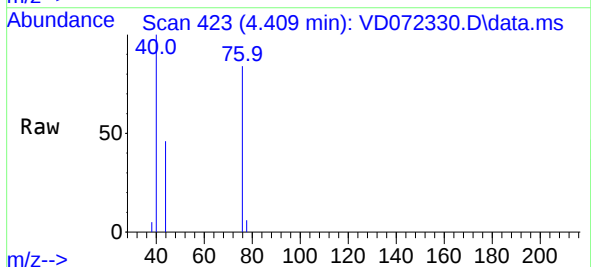
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

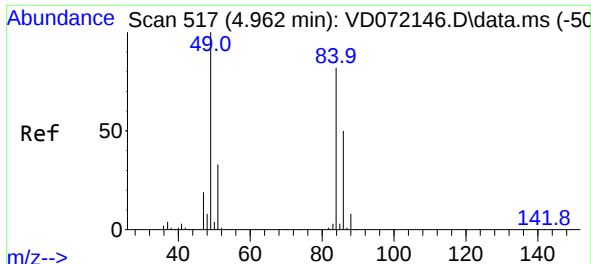
Tgt Ion: 43 Resp: 4689
Ion Ratio Lower Upper
43 100
58 23.5 22.1 33.1



#17
Carbon Disulfide
Concen: 2.319 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

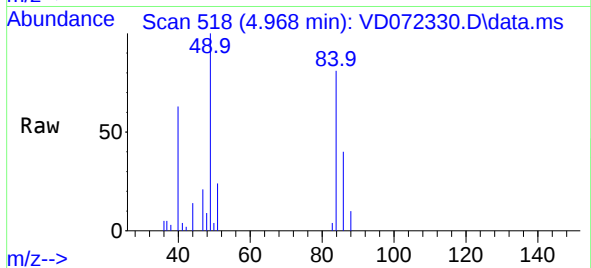
Tgt Ion: 76 Resp: 8108
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3





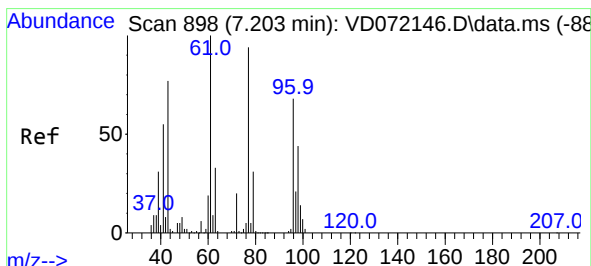
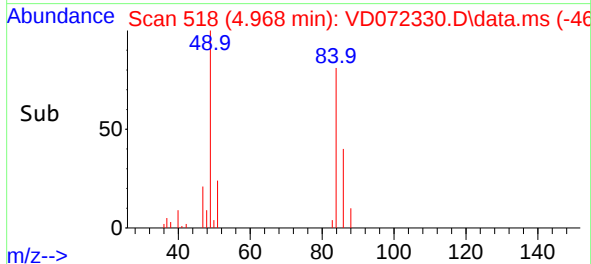
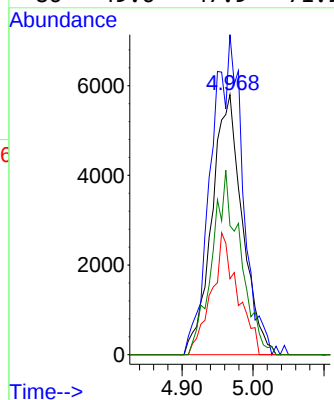
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01



Tgt Ion: 84 Resp: 17267

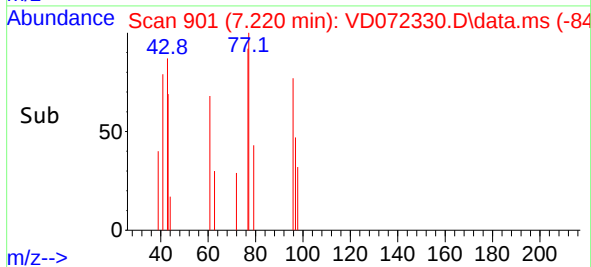
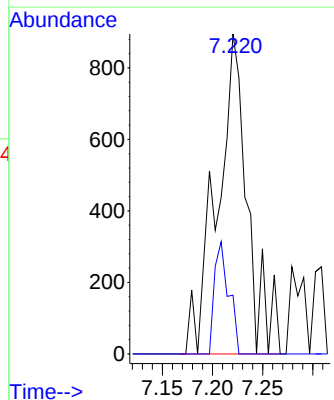
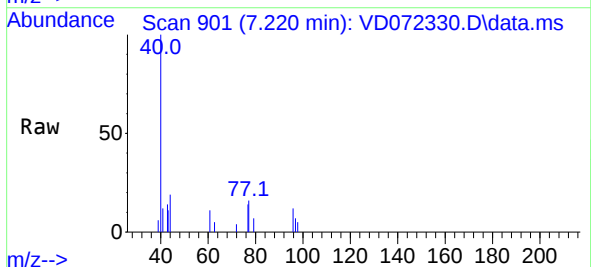
Ion	Ratio	Lower	Upper
84	100		
49	123.1	112.8	169.2
51	29.3	32.6	48.8#
86	49.6	47.9	71.9

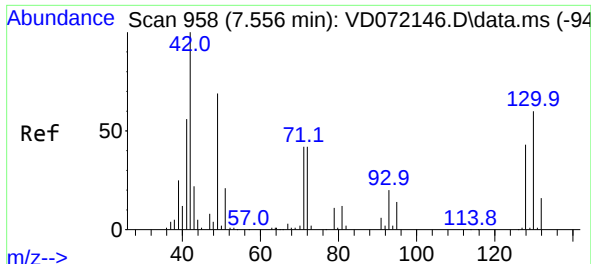


#25
2-Butanone
Concen: 1.305 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.018 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion: 43 Resp: 1886

Ion	Ratio	Lower	Upper
43	100		
72	18.3	18.6	27.8#

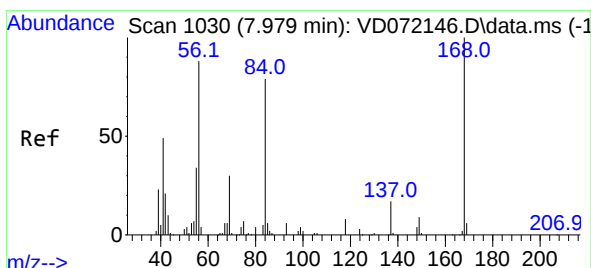
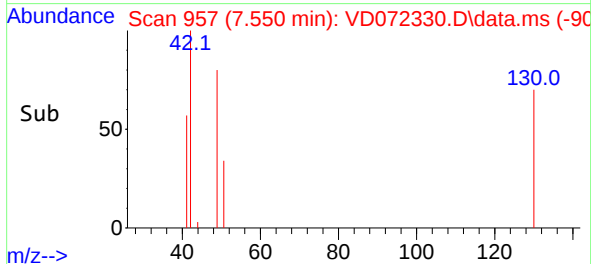
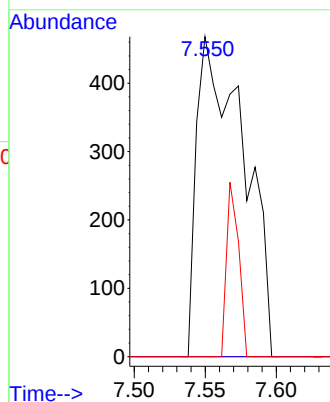
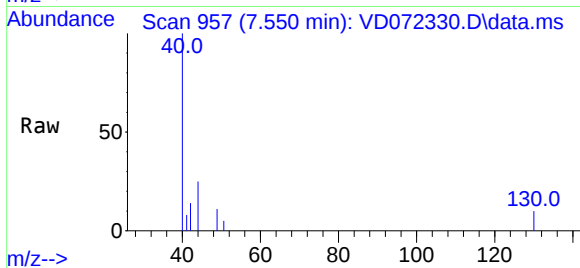




#29
Tetrahydrofuran
Concen: 1.268 ug/l
RT: 7.550 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

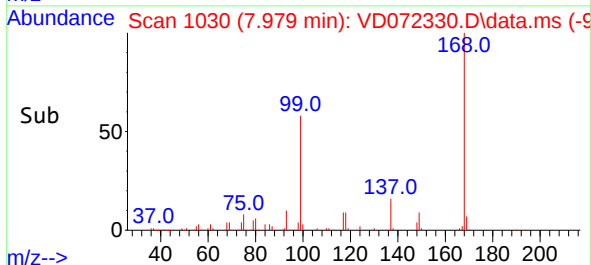
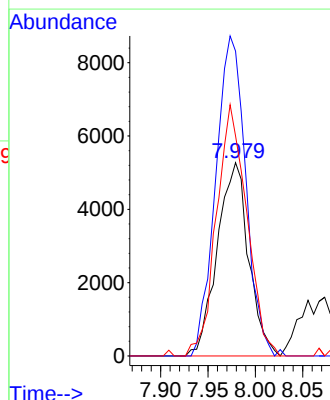
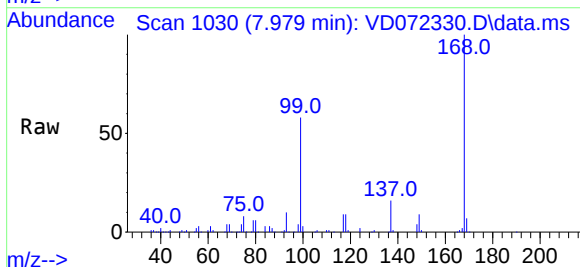
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

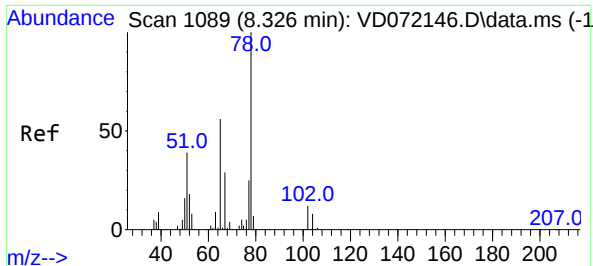
Tgt Ion:	42	Resp:	1078
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	13.9	28.6	43.0#



#31
Cyclohexane
Concen: 1.557 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion:	56	Resp:	12149
Ion	Ratio	Lower	Upper
56	100		
69	157.7	25.4	38.2#
84	113.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.030 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072330.D

Acq: 21 Mar 2022 10:21

Instrument :

MSVOA_D

ClientSampleId :

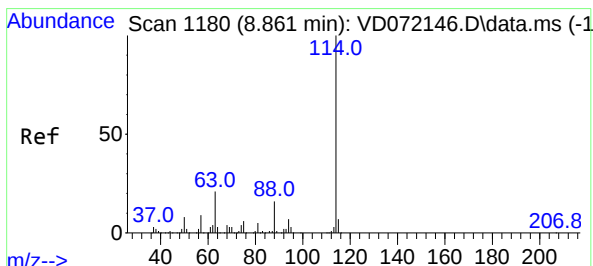
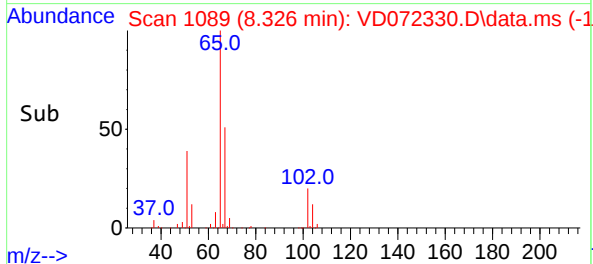
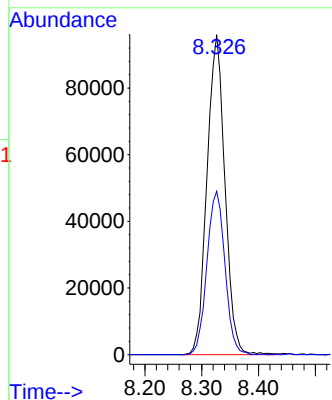
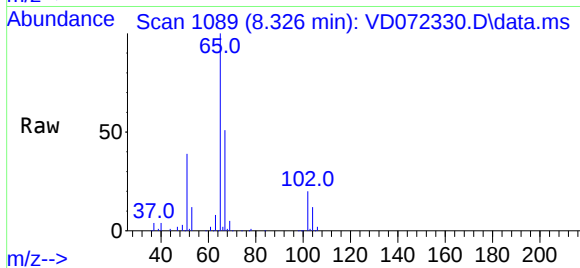
VD0321SBL01

Tgt Ion: 65 Resp: 209852

Ion Ratio Lower Upper

65 100

67 51.3 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: VD072330.D

Acq: 21 Mar 2022 10:21

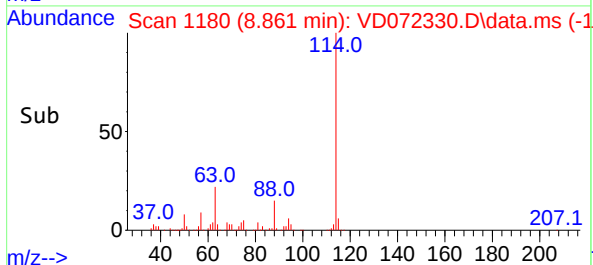
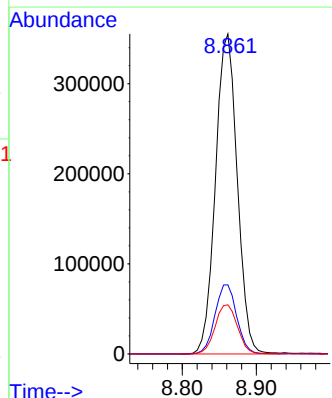
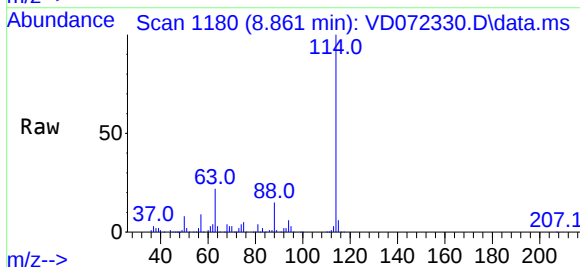
Tgt Ion: 114 Resp: 724681

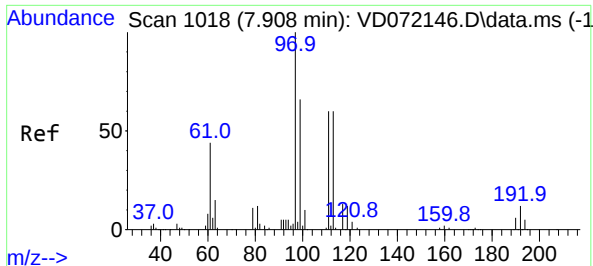
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.4 0.0 33.2

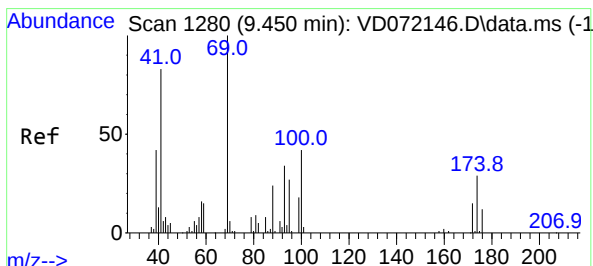
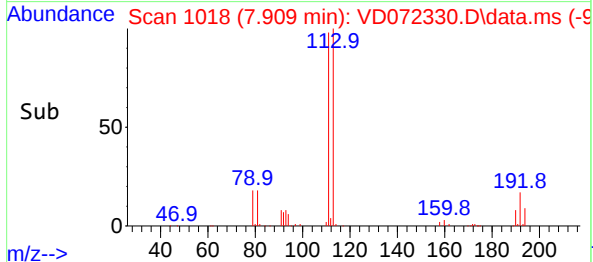
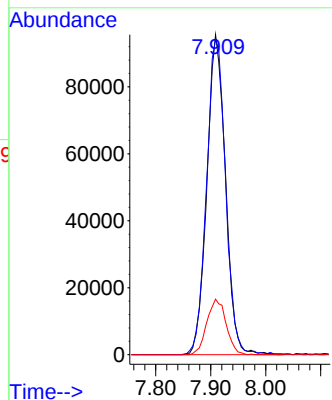
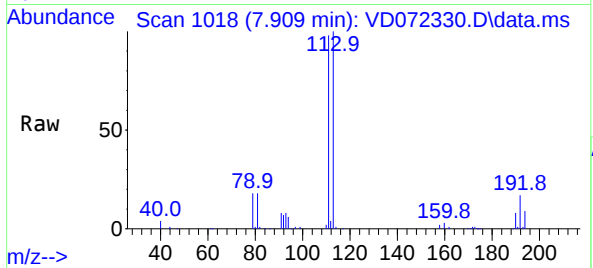




#35
Dibromofluoromethane
Concen: 43.945 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

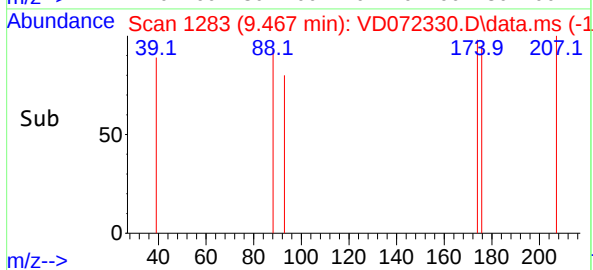
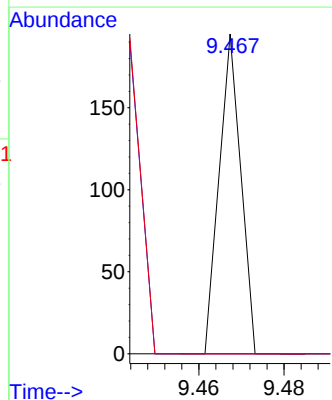
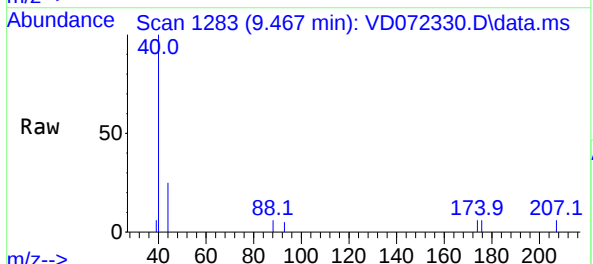
Instrument :
MSVOA_D
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VD0321SBL01

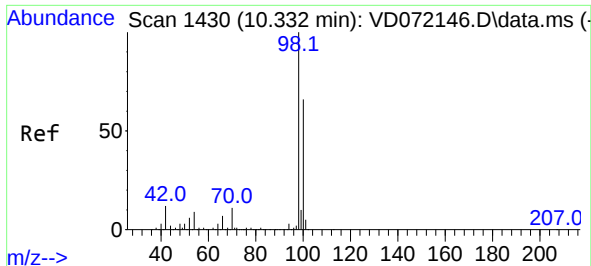
Tgt Ion:113 Resp: 224105
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 18.0 14.6 21.8



#49
1,4-Dioxane
Concen: 2.090 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.018 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#

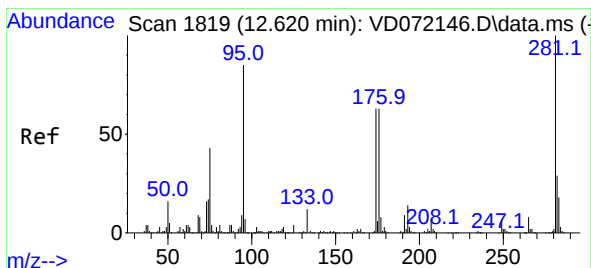
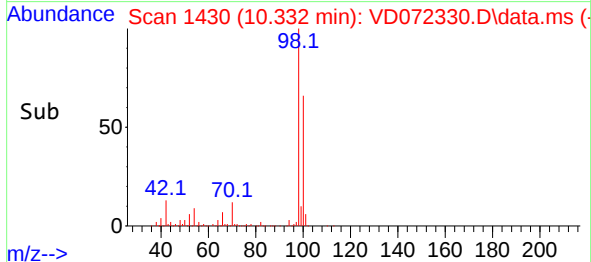
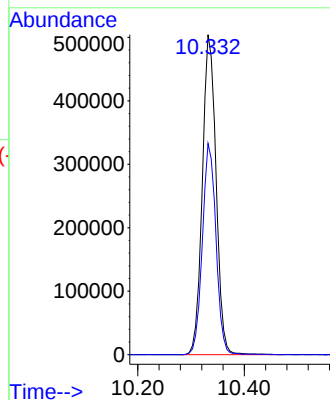
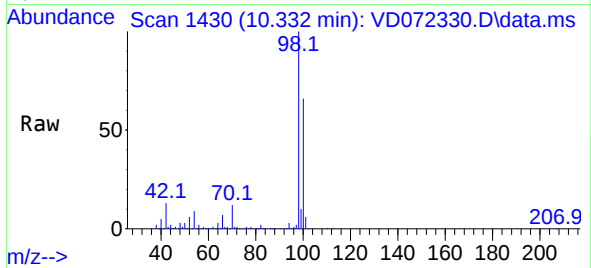




#50
Toluene-d8
Concen: 48.241 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

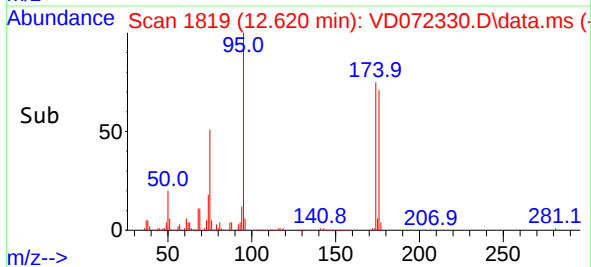
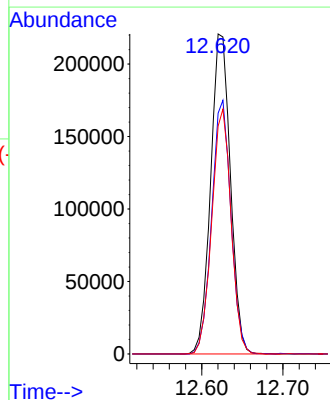
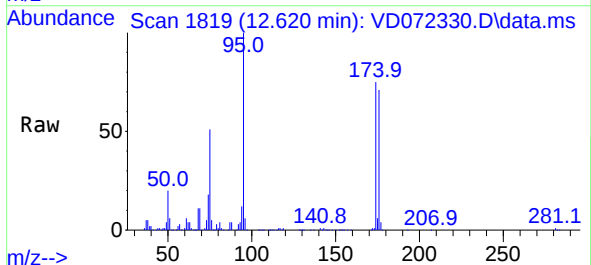
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

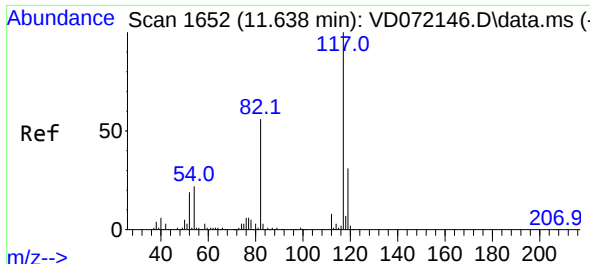
Tgt Ion: 98 Resp: 899549
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.546 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion: 95 Resp: 373466
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.6 0.0 145.4

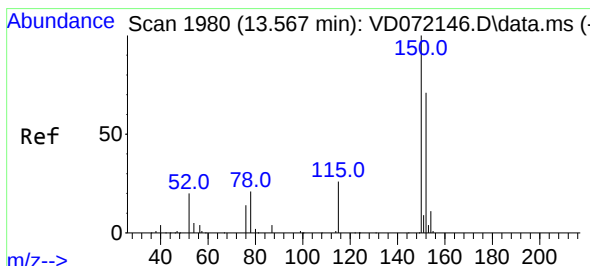
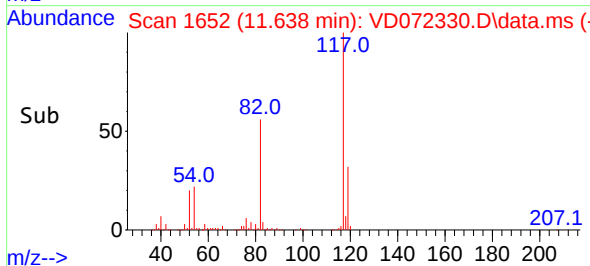
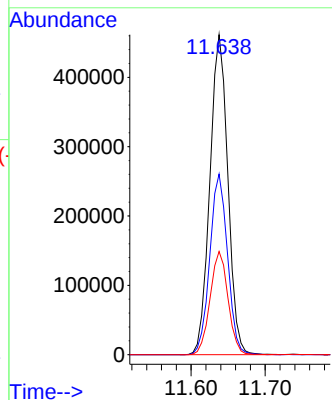
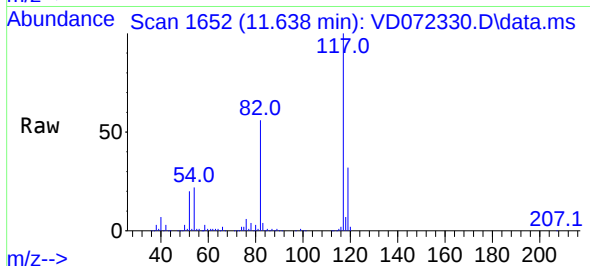




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

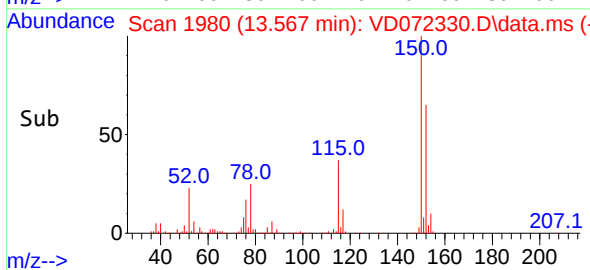
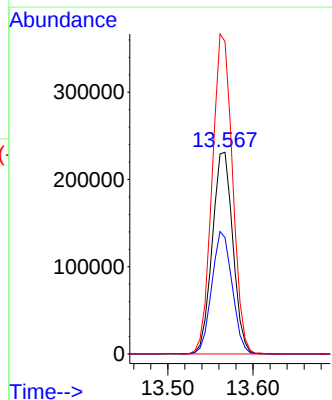
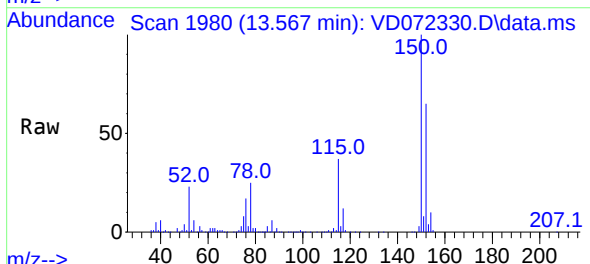
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

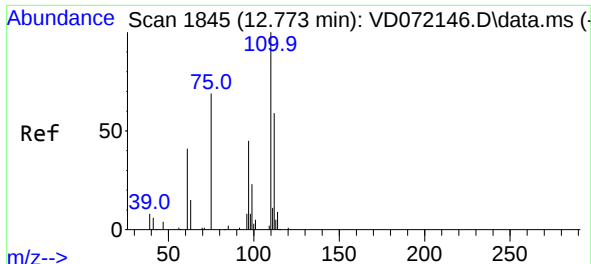
Tgt Ion:	117	Resp:	777152
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.3	67.9
119	32.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion:	152	Resp:	387930
Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.3	93.8
150	156.9	0.0	348.6

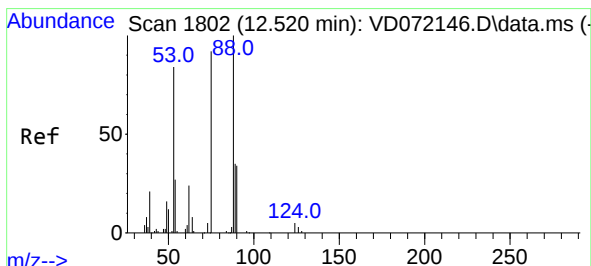
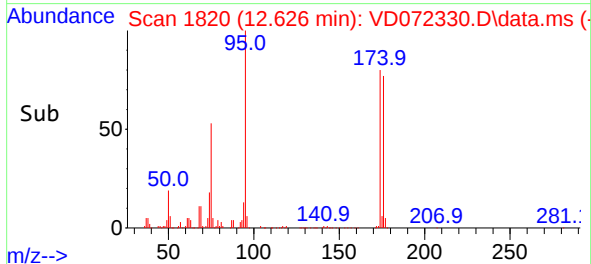
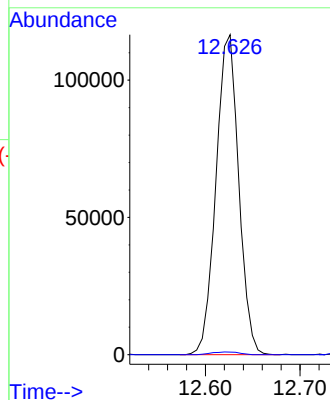
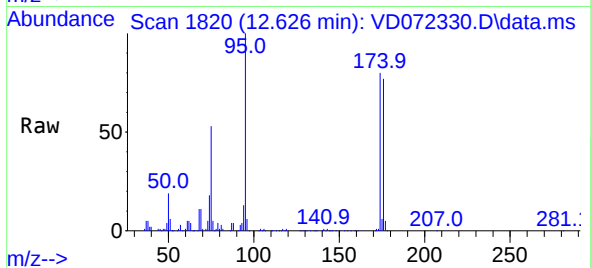




#76
1,2,3-Trichloropropane
Concen: 45.436 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

Tgt Ion: 75 Resp: 194429
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.731 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion: 75 Resp: 194429
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

