

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072124.D
 Acq On : 28 Feb 2022 15:57
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 01 08:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

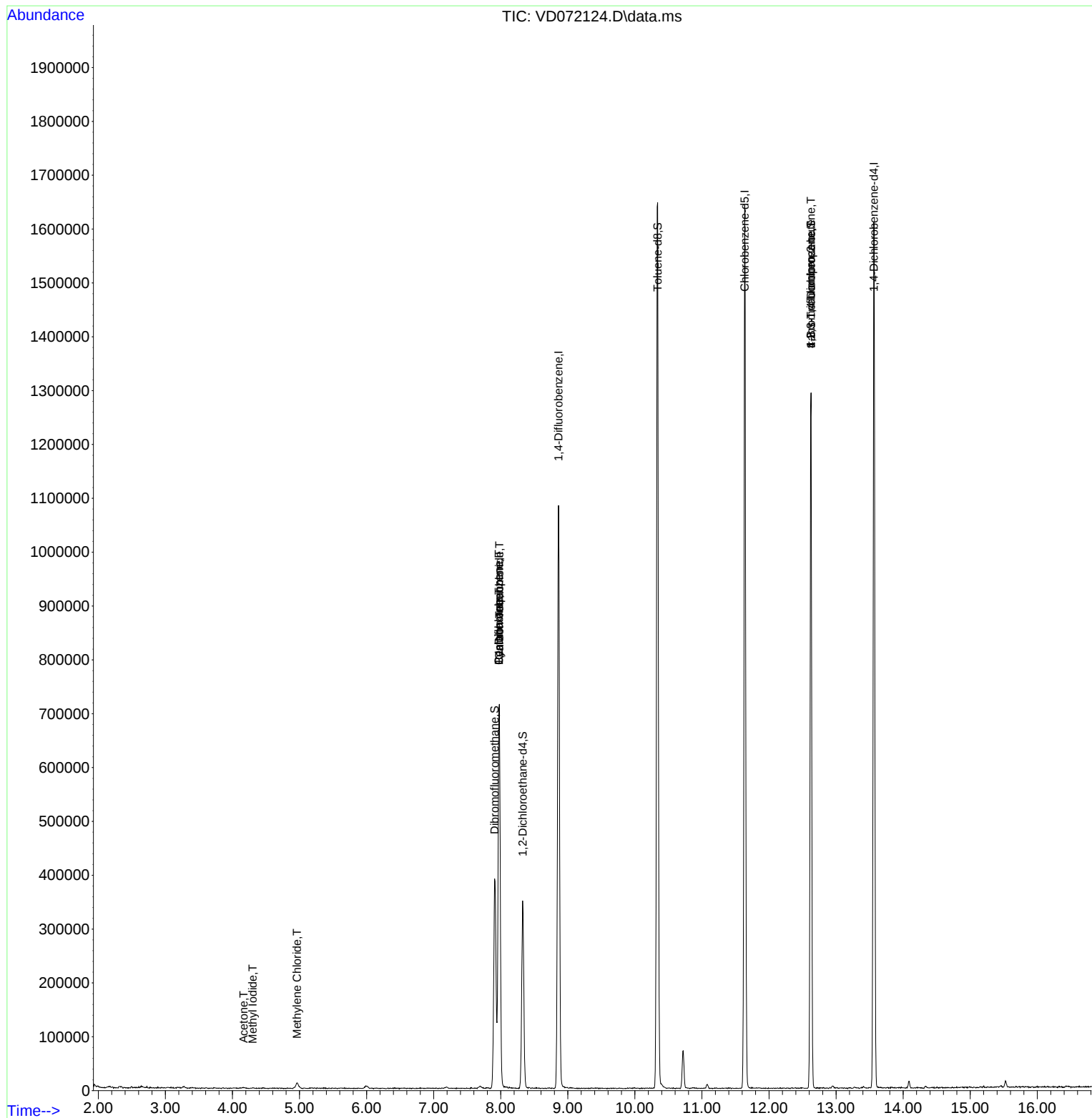
Internal Standards						
1) Pentafluorobenzene	7.973	168	532689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	927444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	907442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	432271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	272887	49.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.908	113	283101	50.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.760%
50) Toluene-d8	10.338	98	1128121	54.138	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.626	95	421622	55.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	606	Below Cal	#	60
10) Methyl Iodide	4.303	142	670	3.028	ug/l #	61
16) Acetone	4.168	43	3419	2.863	ug/l #	71
18) Methyl Acetate	4.738	43	72	Below Cal	#	52
20) Methylene Chloride	4.962	84	7083	1.192	ug/l #	92
31) Cyclohexane	7.973	56	12707	1.302	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	41567	4.884	ug/l #	50
38) Carbon Tetrachloride	7.979	117	54844	6.287	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	214989	52.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	214989	131.486	ug/l #	10

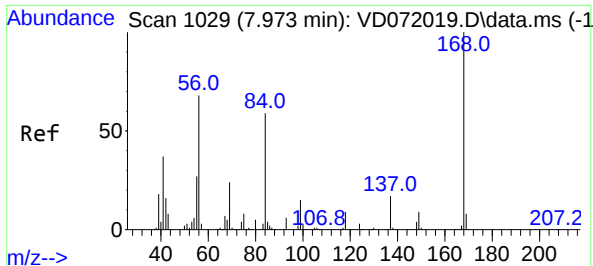
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

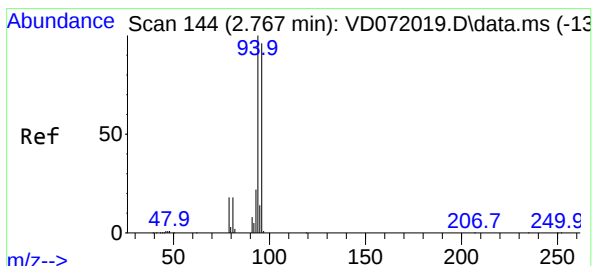
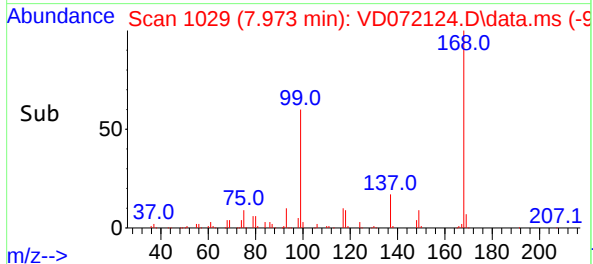
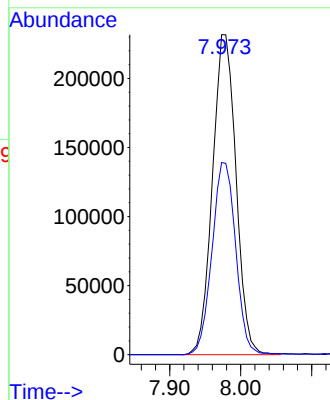
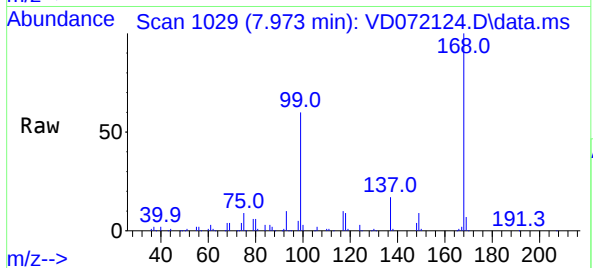




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

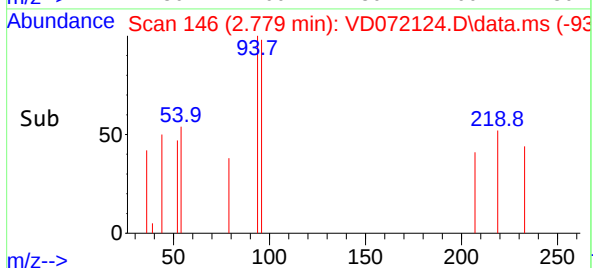
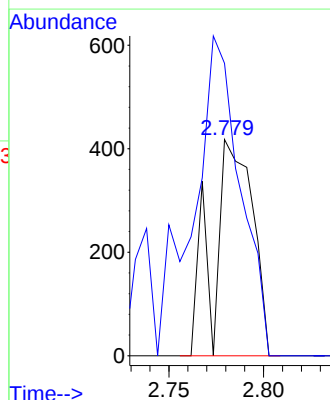
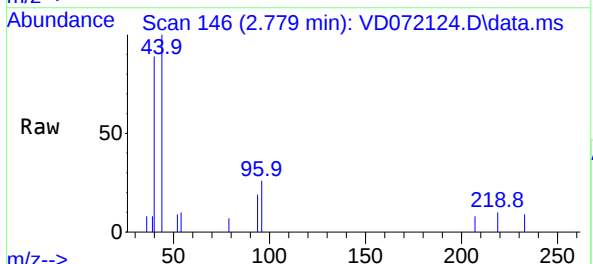
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

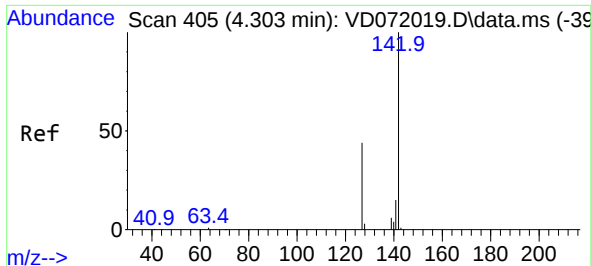
Tgt Ion:168 Resp: 532689
Ion Ratio Lower Upper
168 100
99 60.1 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 135.2 76.8 115.2#





#10

Methyl Iodide

Concen: 3.028 ug/l

RT: 4.303 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD072124.D

Acq: 28 Feb 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

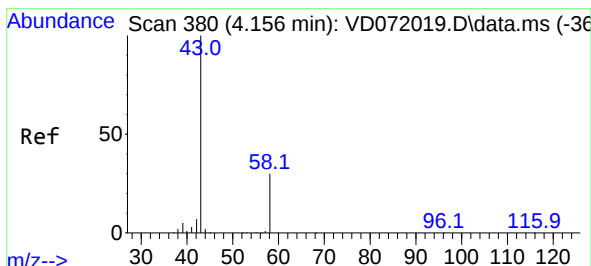
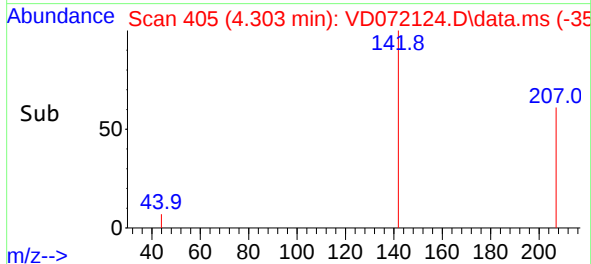
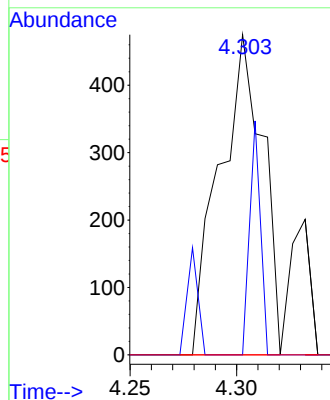
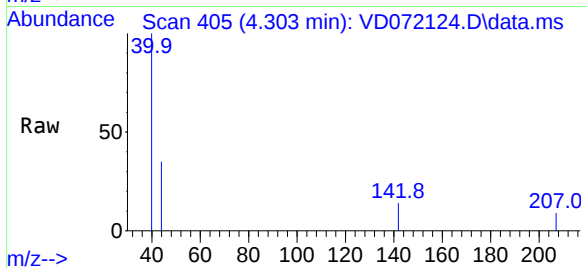
Tgt Ion:142 Resp: 670

Ion Ratio Lower Upper

142 100

127 18.2 35.8 53.8#

141 0.0 11.6 17.4#



#16

Acetone

Concen: 2.863 ug/l

RT: 4.168 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD072124.D

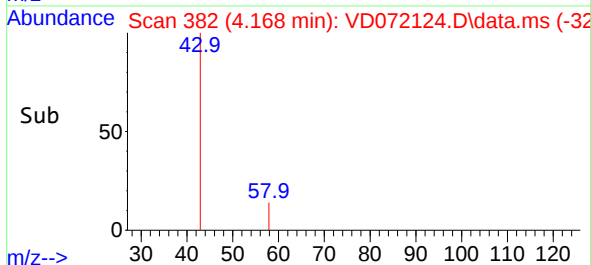
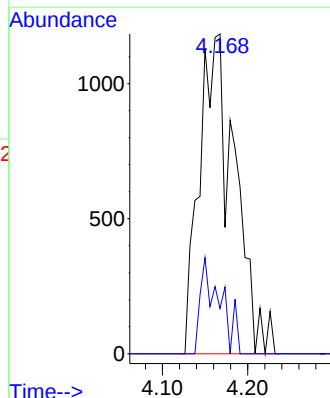
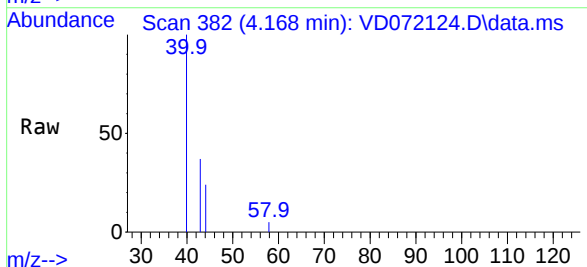
Acq: 28 Feb 2022 15:57

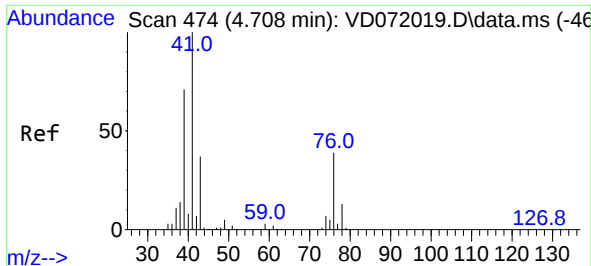
Tgt Ion: 43 Resp: 3419

Ion Ratio Lower Upper

43 100

58 14.2 23.8 35.6#

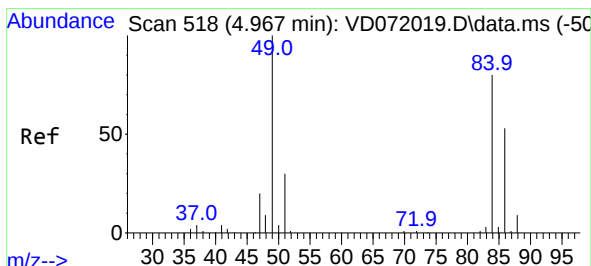
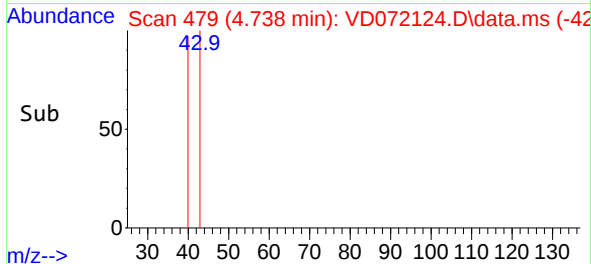
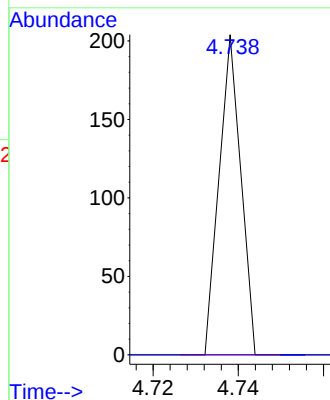
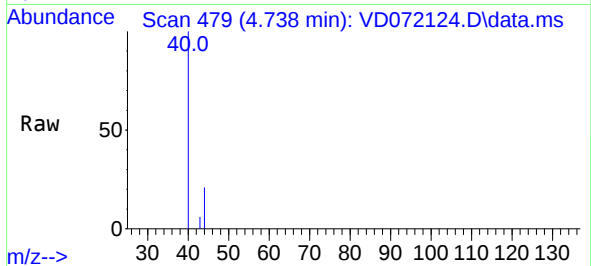




#18
Methyl Acetate
Concen: Below Cal
RT: 4.738 min Scan# 41
Delta R.T. 0.030 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

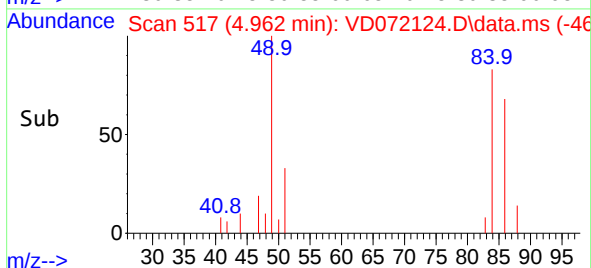
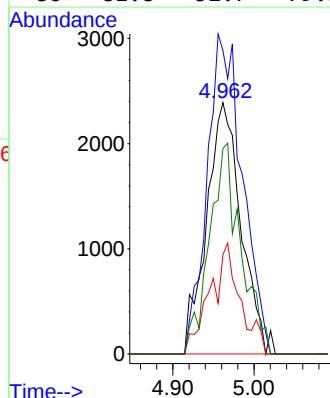
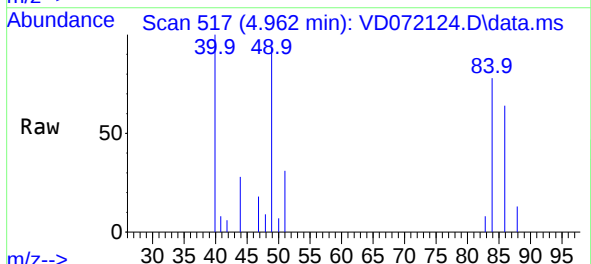
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

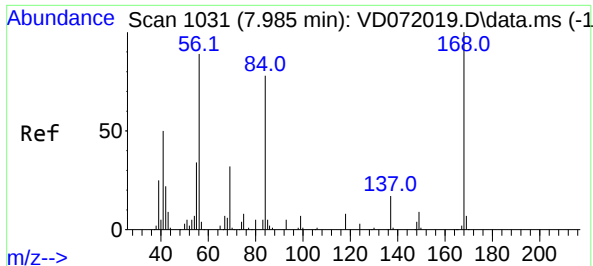
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 1.192 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion: 84 Resp: 7083
Ion Ratio Lower Upper
84 100
49 120.7 100.0 150.0
51 39.4 30.2 45.4
86 81.8 52.7 79.1#





#31

Cyclohexane

Concen: 1.302 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD072124.D

Acq: 28 Feb 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

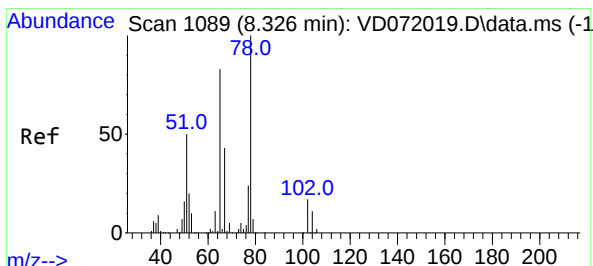
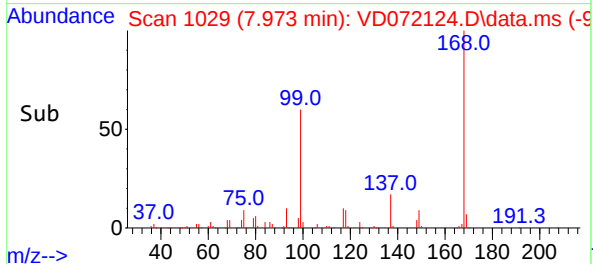
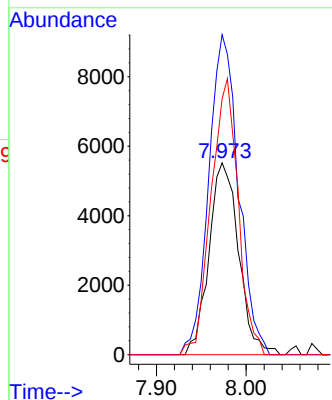
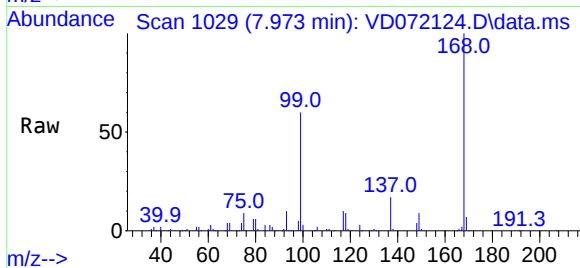
Tgt Ion: 56 Resp: 12707

Ion Ratio Lower Upper

56 100

69 166.8 28.9 43.3#

84 133.5 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 49.386 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072124.D

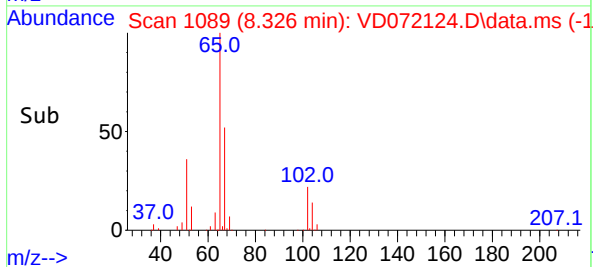
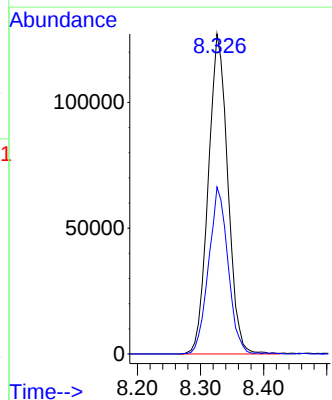
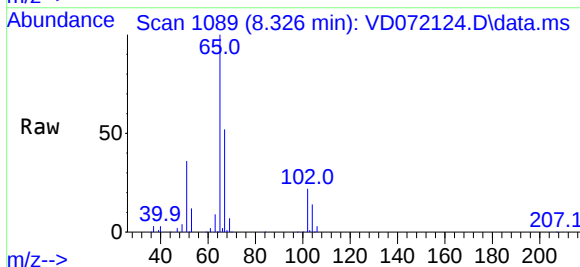
Acq: 28 Feb 2022 15:57

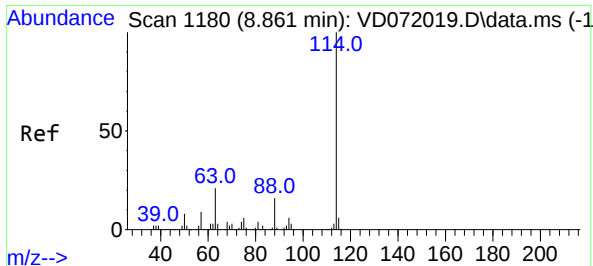
Tgt Ion: 65 Resp: 272887

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6

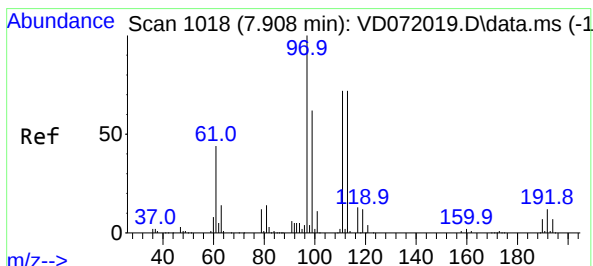
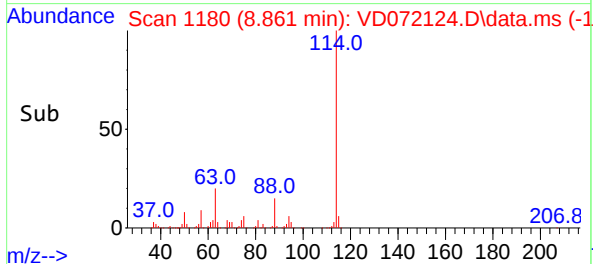
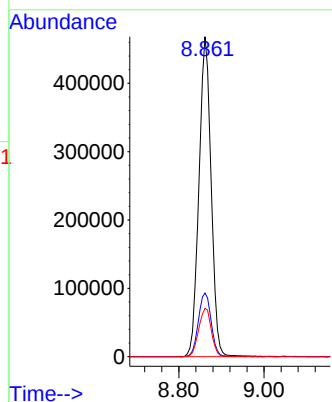
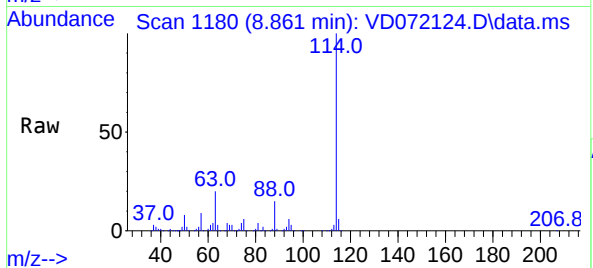




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

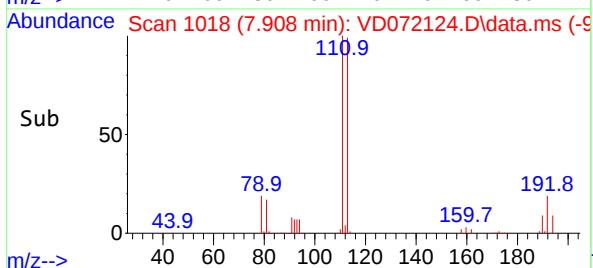
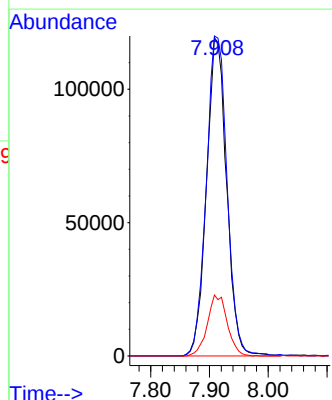
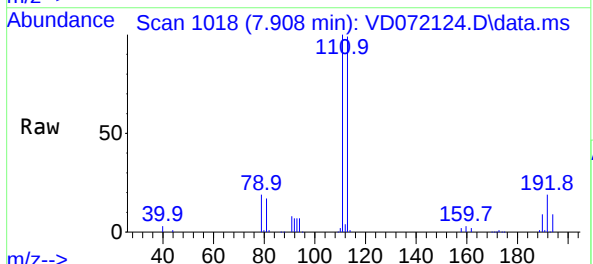
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

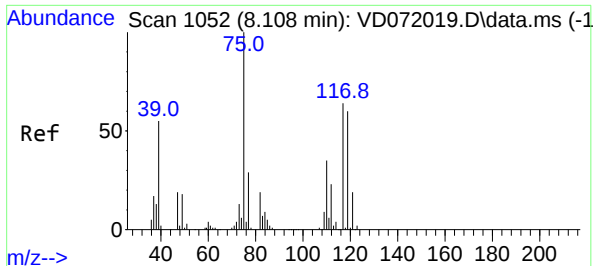
Tgt Ion:	114	Resp:	927444
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.2
88	15.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 50.382 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion:	113	Resp:	283101
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.4
192	19.0	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.135 min

Lab File: VD072124.D

Acq: 28 Feb 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

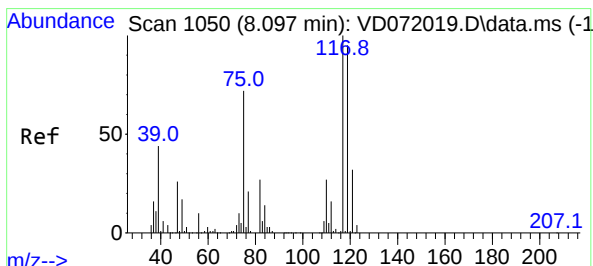
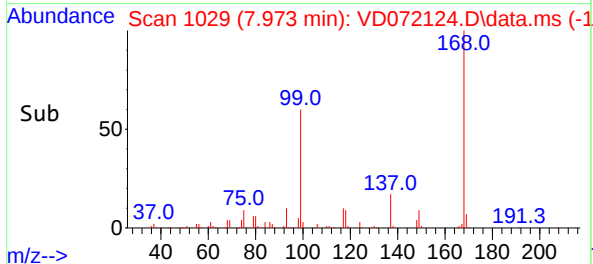
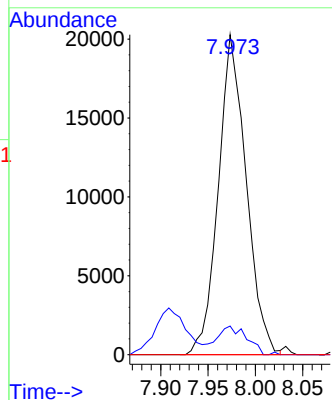
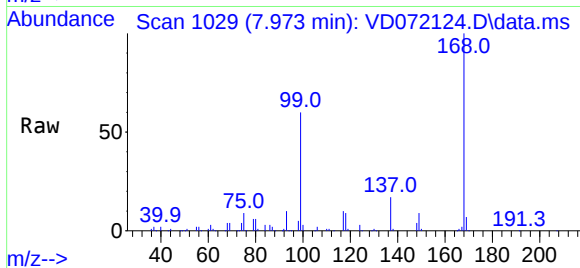
Tgt Ion: 75 Resp: 41567

Ion Ratio Lower Upper

75 100

110 9.7 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.287 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

Lab File: VD072124.D

Acq: 28 Feb 2022 15:57

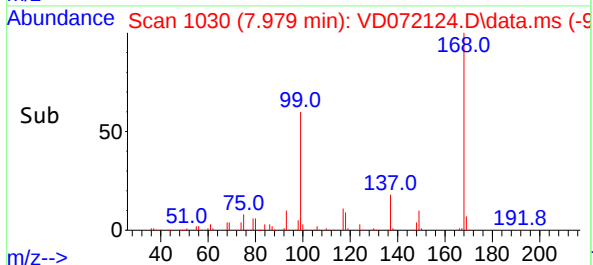
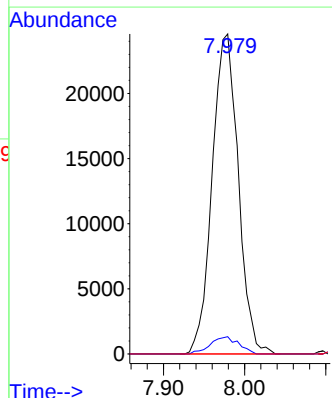
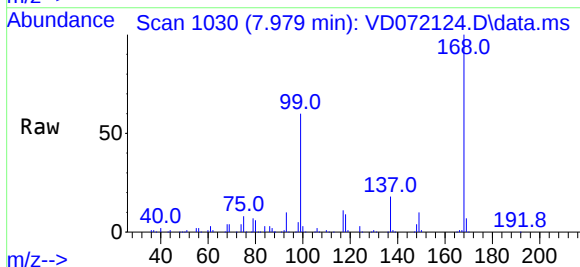
Tgt Ion: 117 Resp: 54844

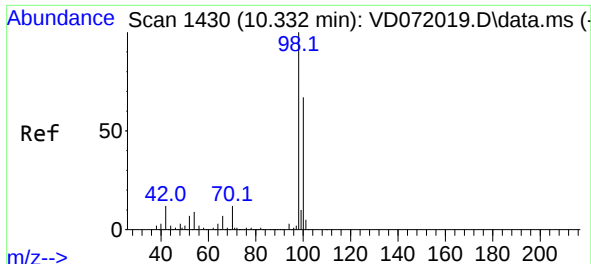
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

121 0.0 25.8 38.6#

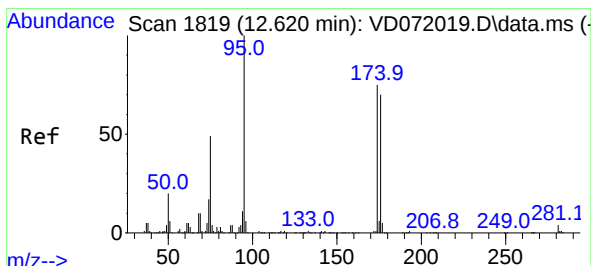
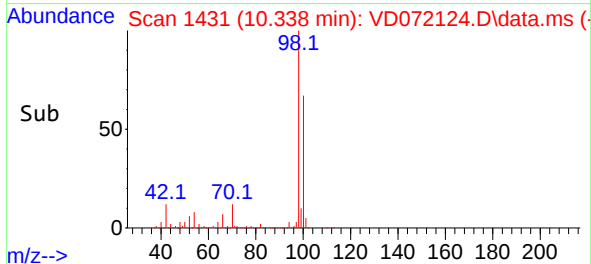
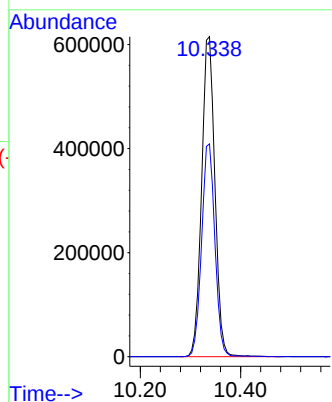
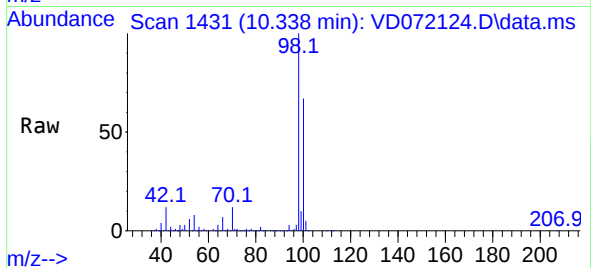




#50
Toluene-d8
Concen: 54.138 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

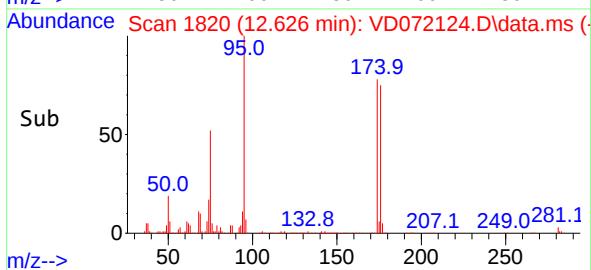
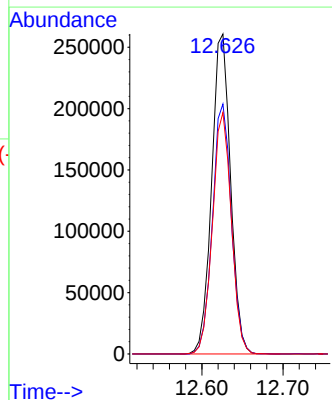
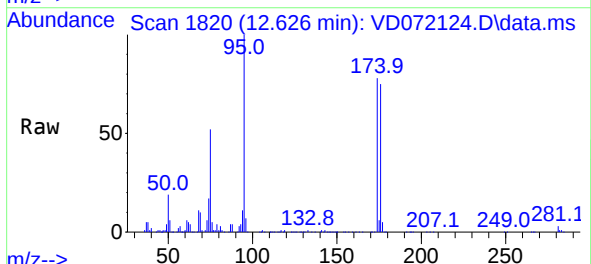
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

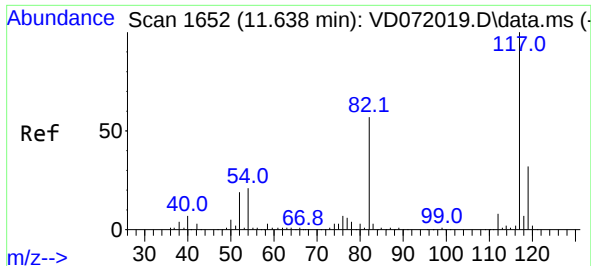
Tgt Ion: 98 Resp: 1128121
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 55.082 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion: 95 Resp: 421622
Ion Ratio Lower Upper
95 100
174 78.1 0.0 155.0
176 75.2 0.0 148.8

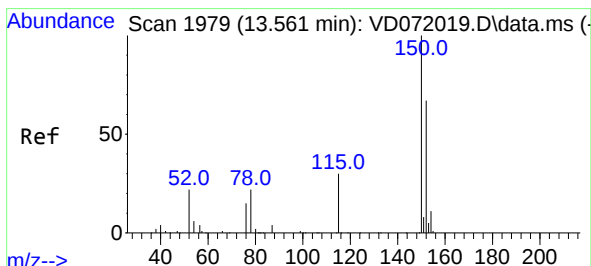
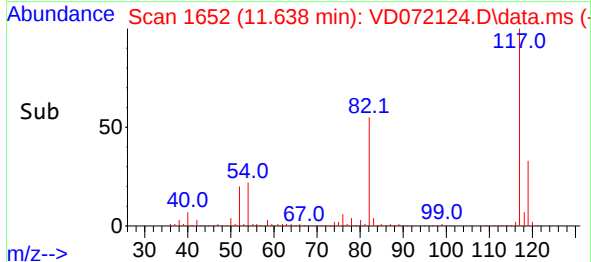
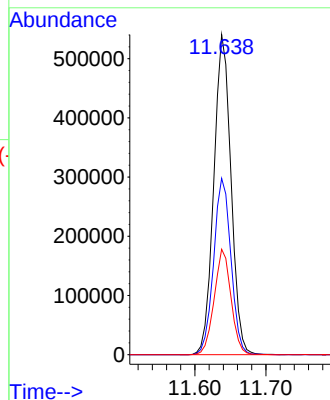
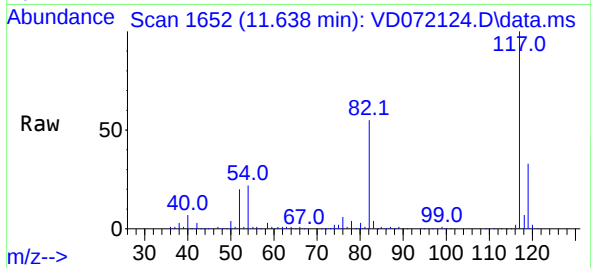




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

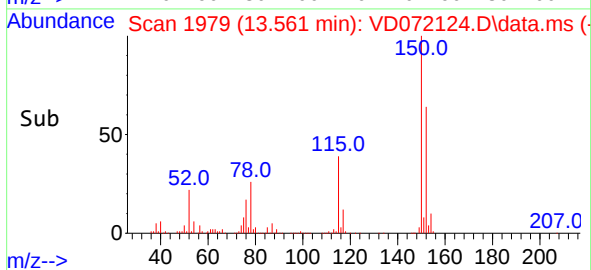
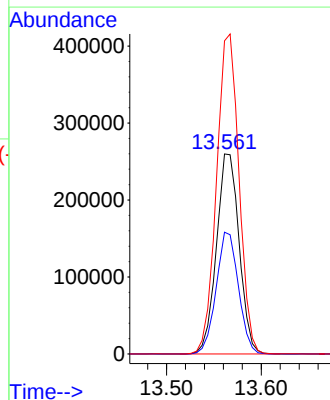
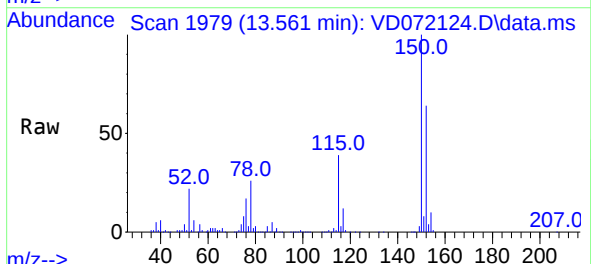
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

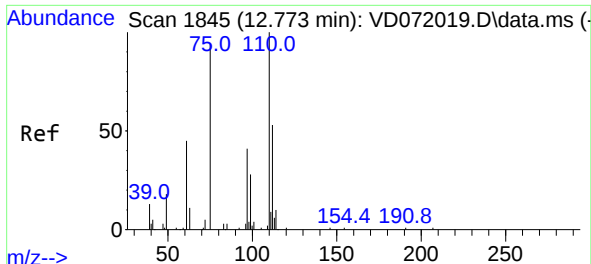
Tgt Ion:117 Resp: 907442
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion:152 Resp: 432271
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.7
150 158.2 0.0 347.6

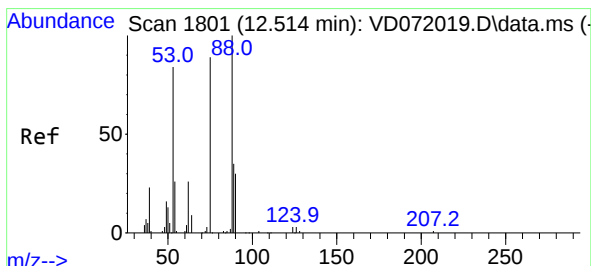
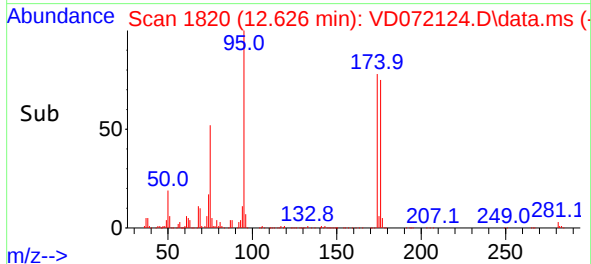
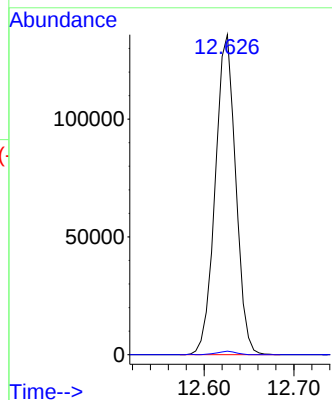
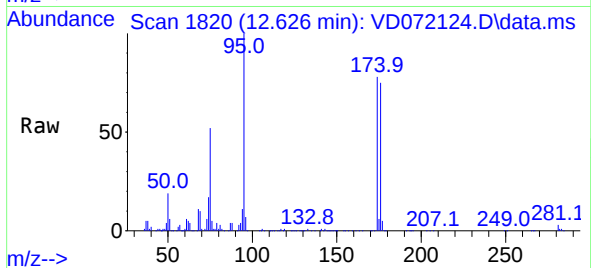




#76
1,2,3-Trichloropropane
Concen: 52.506 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 214989
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.486 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072124.D
Acq: 28 Feb 2022 15:57

Tgt Ion: 75 Resp: 214989
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

