

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073202.D
 Acq On : 21 May 2022 00:11
 Operator : VA/SY
 Sample : N2885-04
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS002-1824-01

Quant Time: May 21 03:53:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

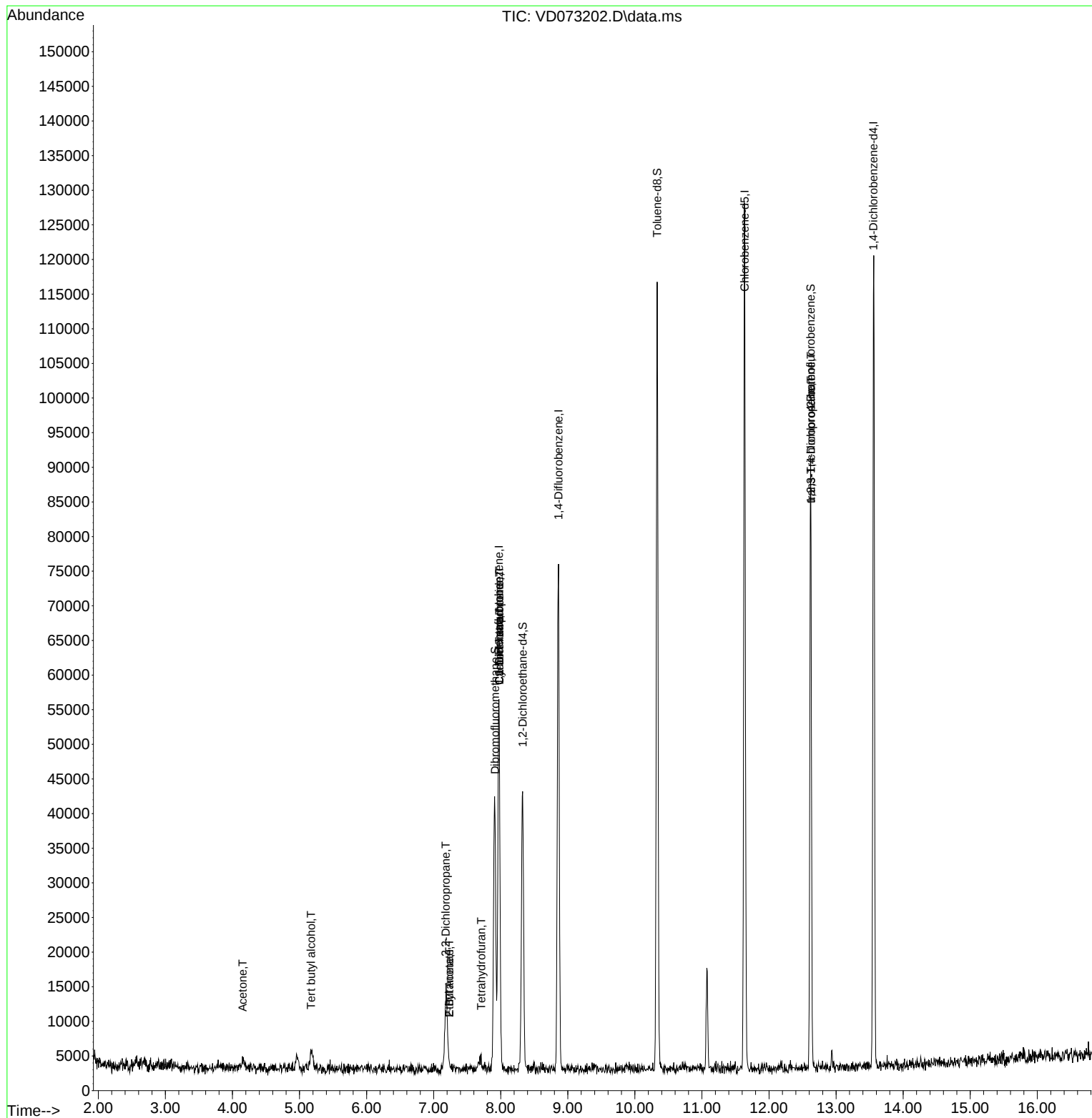
Internal Standards						
1) Pentafluorobenzene	7.973	168	37824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	62293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	72479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	30803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33298	79.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.320%
35) Dibromofluoromethane	7.914	113	27829	67.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.400%
50) Toluene-d8	10.332	98	75420	49.774	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.620	95	30396	57.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.320%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	508	Below Cal	#	59
11) Tert butyl alcohol	5.173	59	2654	40.923	ug/l #	74
16) Acetone	4.150	43	2270	31.352	ug/l	95
20) Methylene Chloride	4.967	84	1563	Below Cal	#	52
25) 2-Butanone	7.232	43	277	2.615	ug/l #	52
26) 2,2-Dichloropropane	7.179	77	815	1.158	ug/l #	54
29) Tetrahydrofuran	7.708	42	80	1.168	ug/l #	38
31) Cyclohexane	7.979	56	932	1.276	ug/l #	64
36) 1,1-Dichloropropene	7.979	75	3627	5.867	ug/l #	50
37) Ethyl Acetate	7.232	43	277	1.134	ug/l #	72
38) Carbon Tetrachloride	7.979	117	4422	7.056	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	15240	50.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	15240	121.055	ug/l #	7

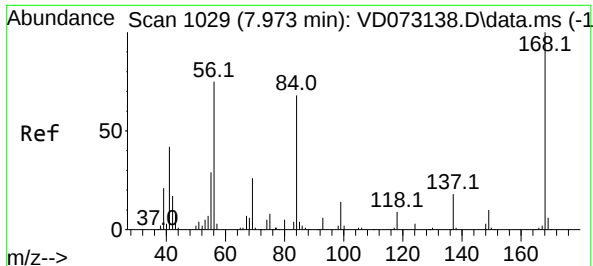
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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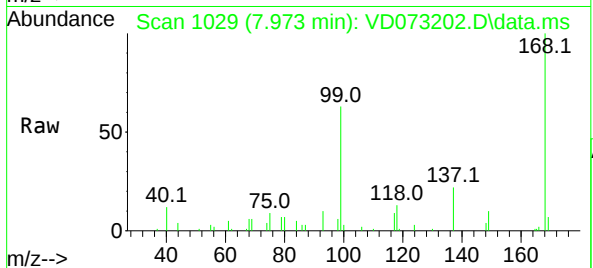
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



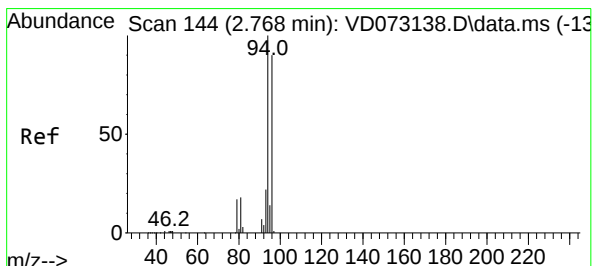
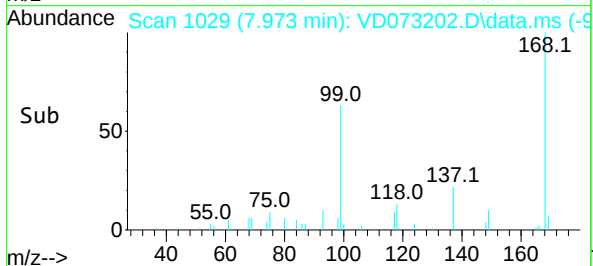
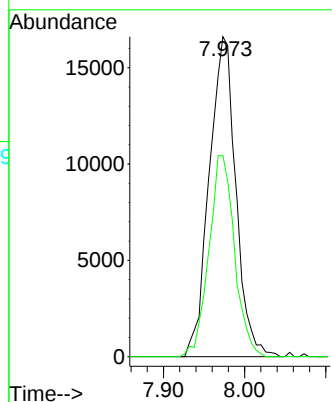


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-1824-01

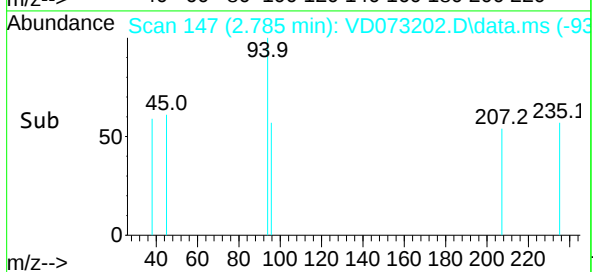
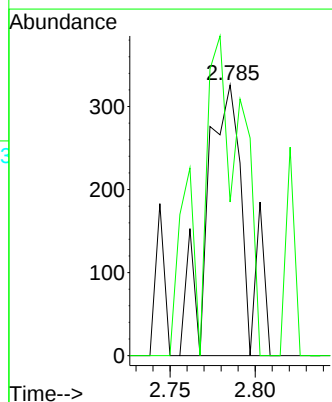
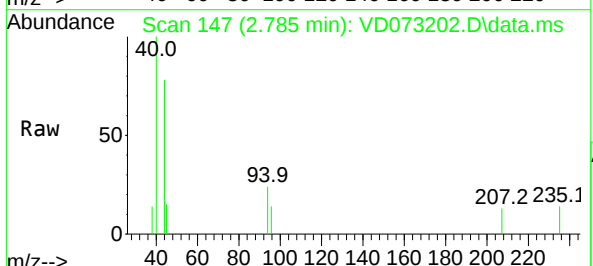


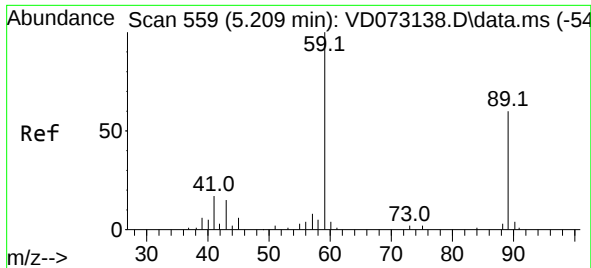
Tgt Ion:168 Resp: 37824
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Tgt Ion: 94 Resp: 508
Ion Ratio Lower Upper
94 100
96 56.7 77.6 116.4#

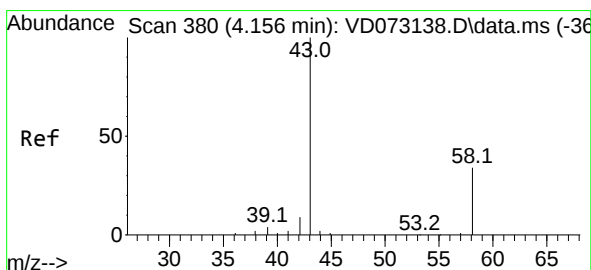
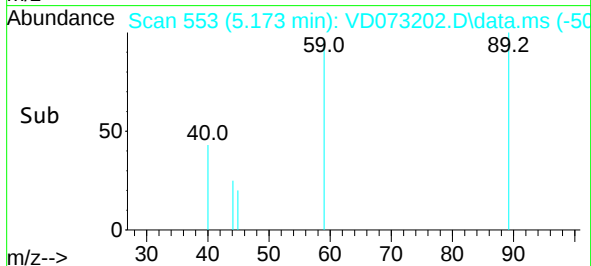
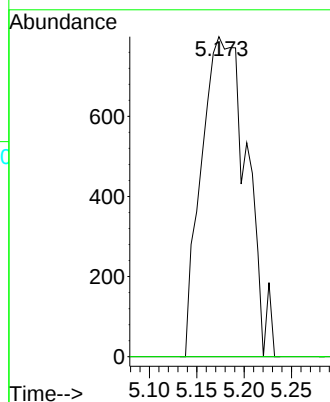
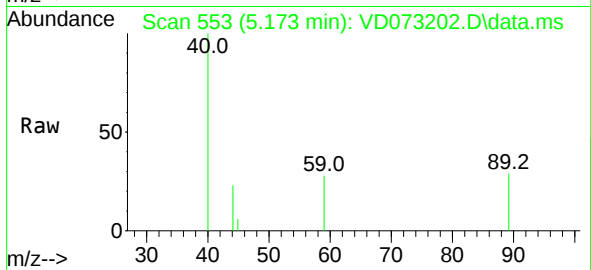




#11
Tert butyl alcohol
Concen: 40.923 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

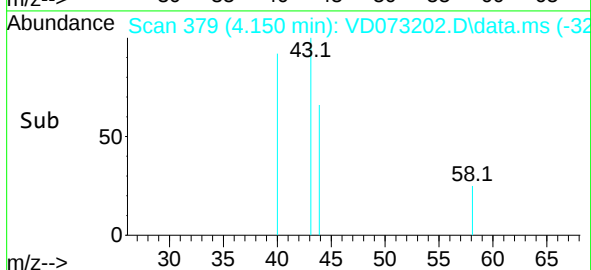
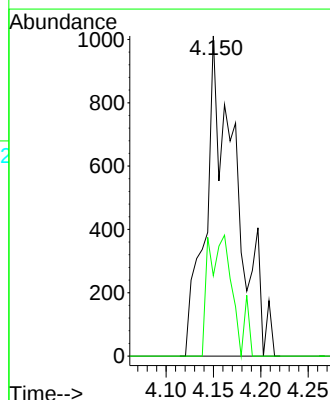
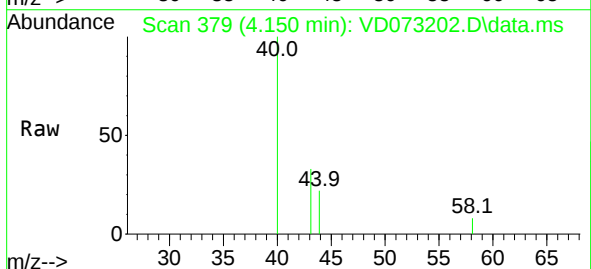
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-1824-01

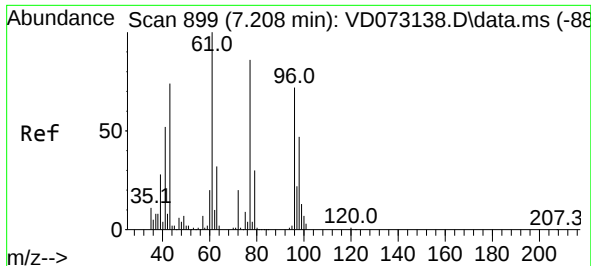
Tgt Ion: 59 Resp: 2654
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 31.352 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 25.1 22.1 33.1

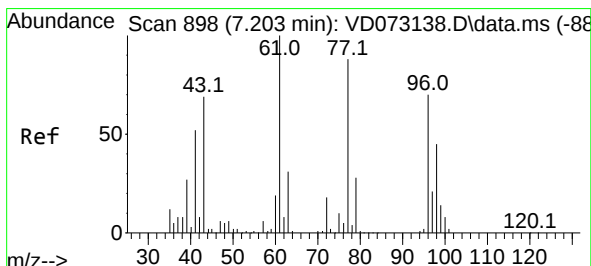
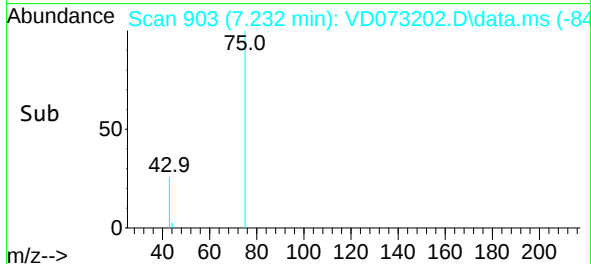
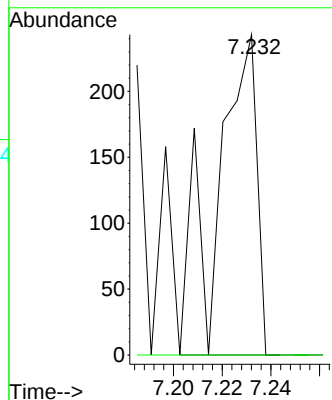
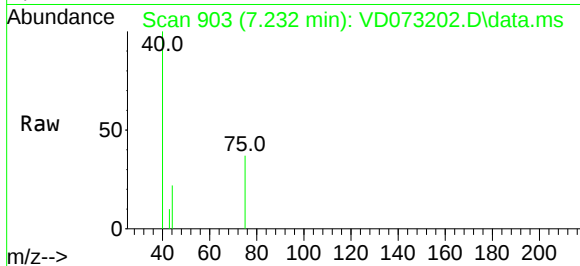




#25
2-Butanone
Concen: 2.615 ug/l
RT: 7.232 min Scan# 90
Delta R.T. 0.024 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

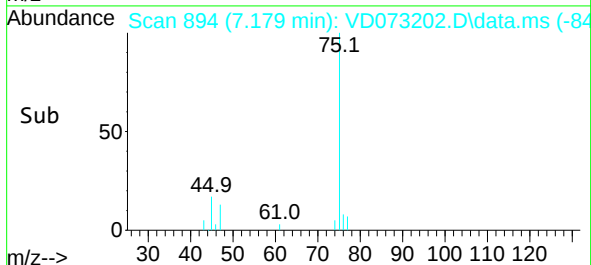
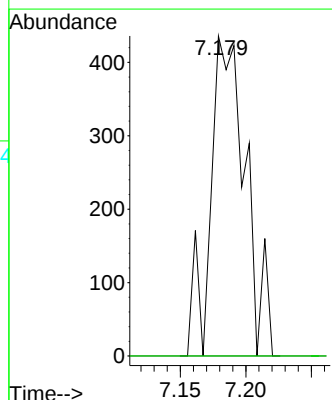
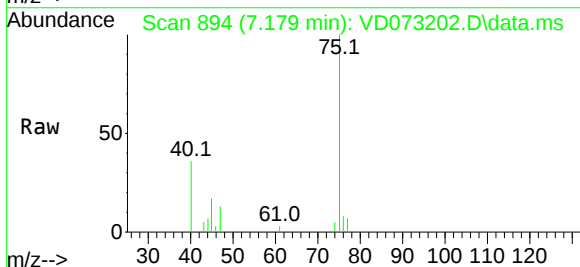
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-1824-01

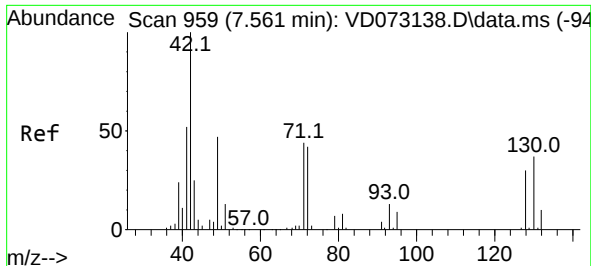
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 1.158 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.024 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Tgt Ion: 77 Resp: 815
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#





#29

Tetrahydrofuran

Concen: 1.168 ug/l

RT: 7.708 min Scan# 91

Delta R.T. 0.147 min

Lab File: VD073202.D

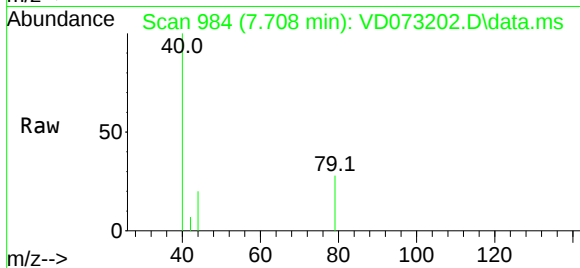
Acq: 21 May 2022 00:11

Instrument :

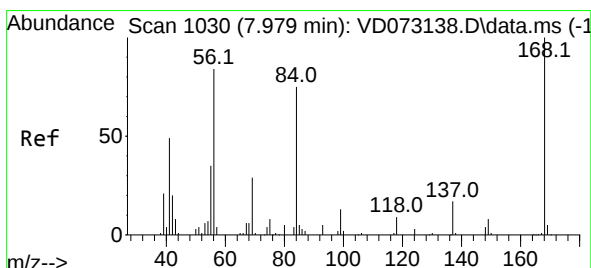
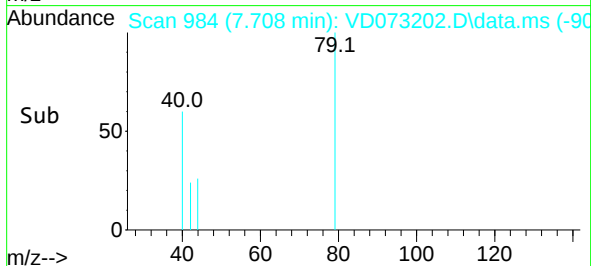
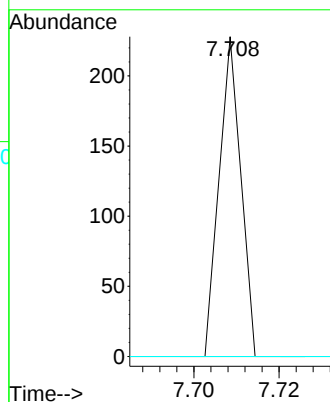
MSVOA_D

ClientSampleId :

P004-SS002-1824-01



Tgt Ion:	42	Resp:	80
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.276 ug/l

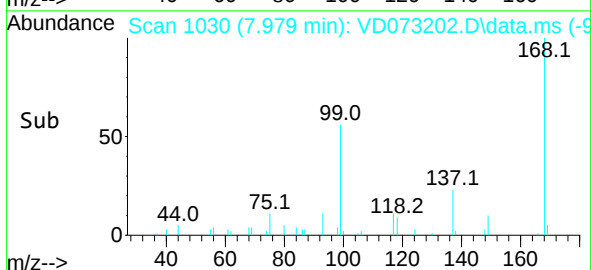
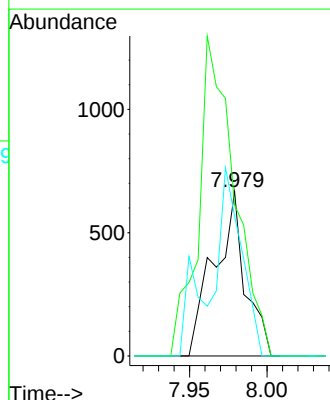
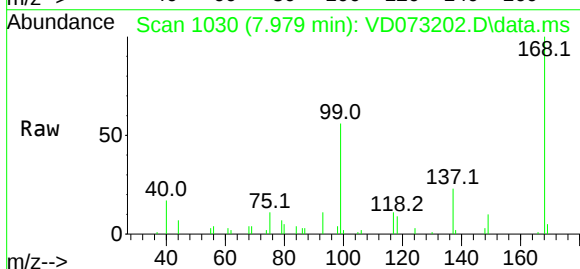
RT: 7.979 min Scan# 1030

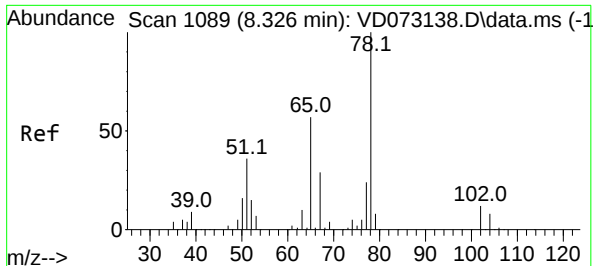
Delta R.T. 0.000 min

Lab File: VD073202.D

Acq: 21 May 2022 00:11

Tgt Ion:	56	Resp:	932
Ion	Ratio	Lower	Upper
56	100		
69	91.8	25.4	38.2#
84	85.0	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 79.659 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073202.D

Acq: 21 May 2022 00:11

Instrument :

MSVOA_D

ClientSampleId :

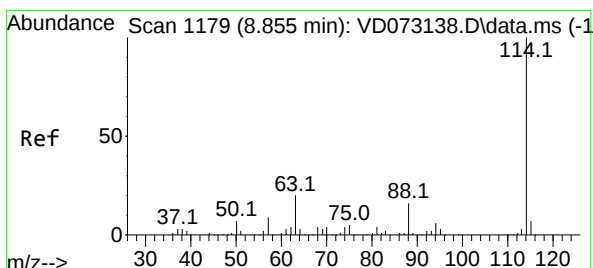
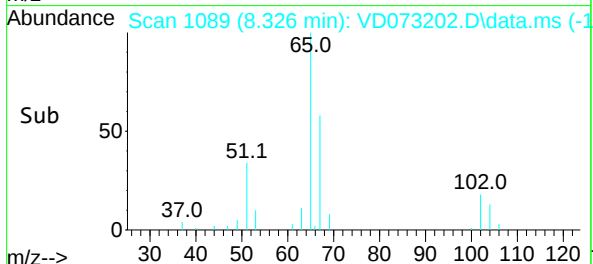
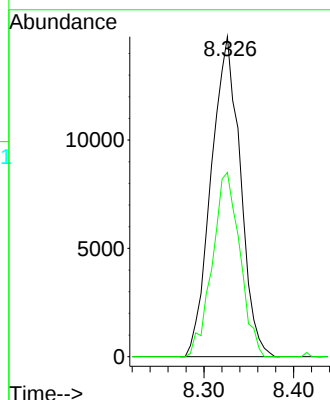
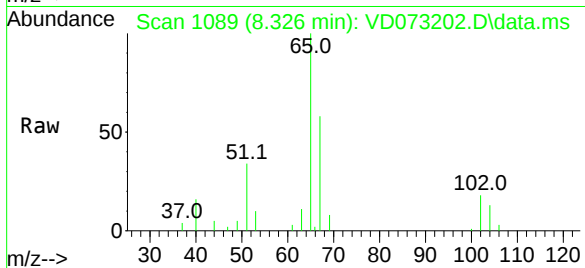
P004-SS002-1824-01

Tgt Ion: 65 Resp: 33298

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073202.D

Acq: 21 May 2022 00:11

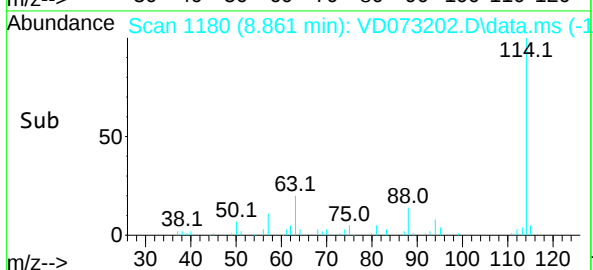
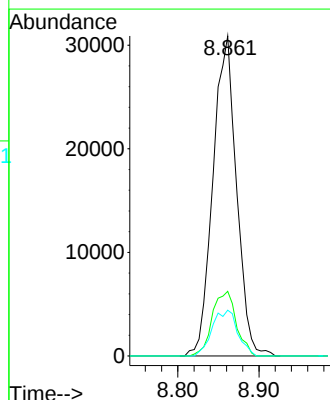
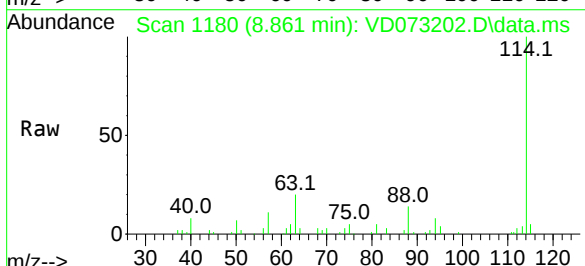
Tgt Ion: 114 Resp: 62293

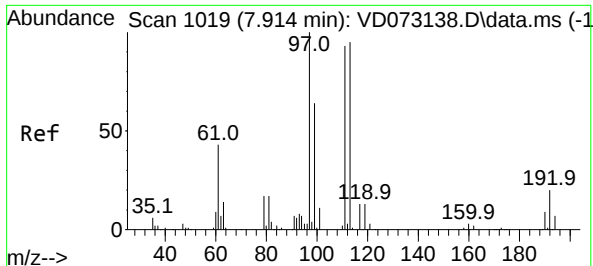
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 14.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 67.702 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073202.D

Acq: 21 May 2022 00:11

Instrument :

MSVOA_D

ClientSampleId :

P004-SS002-1824-01

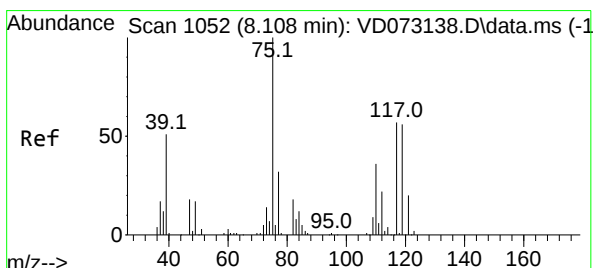
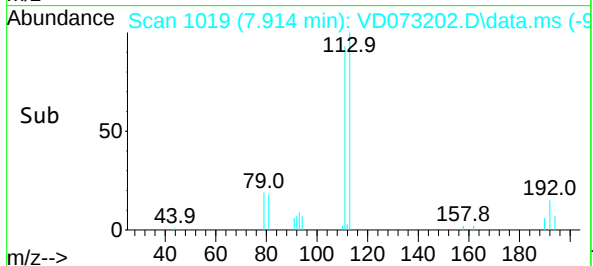
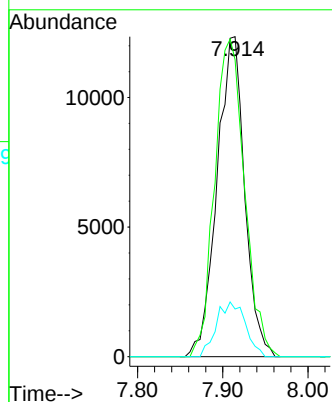
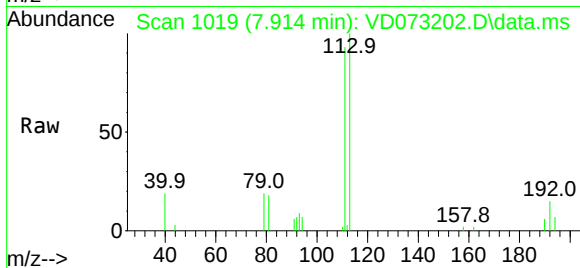
Tgt Ion:113 Resp: 27829

Ion Ratio Lower Upper

113 100

111 107.3 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.867 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD073202.D

Acq: 21 May 2022 00:11

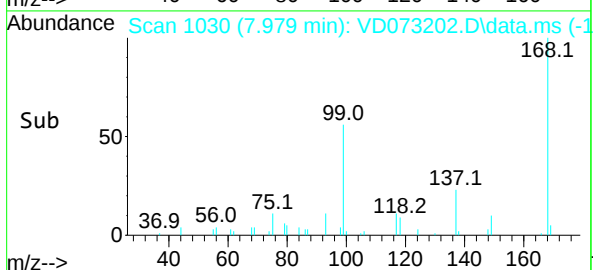
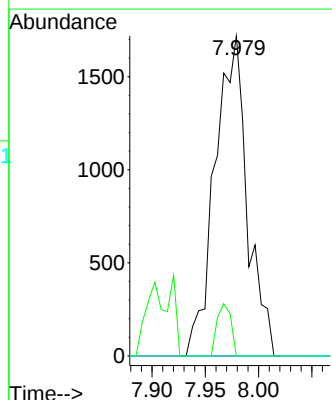
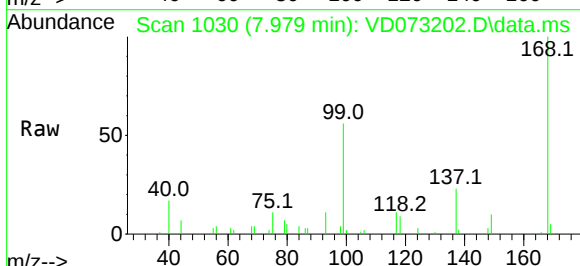
Tgt Ion: 75 Resp: 3627

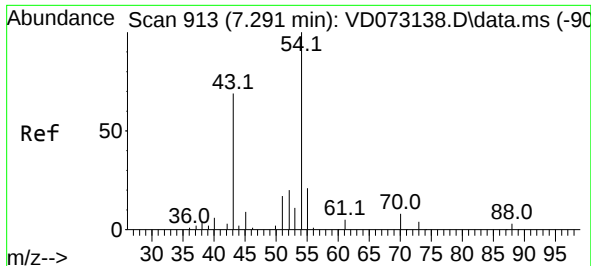
Ion Ratio Lower Upper

75 100

110 6.9 16.4 49.1#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.134 ug/l

RT: 7.232 min Scan# 90

Delta R.T. -0.059 min

Lab File: VD073202.D

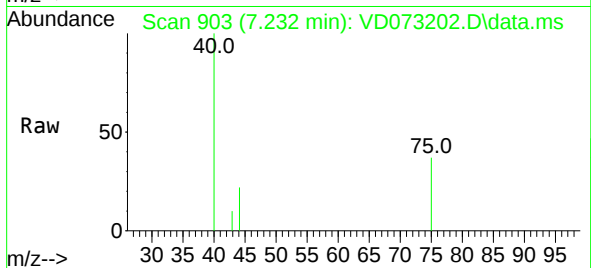
Acq: 21 May 2022 00:11

Instrument :

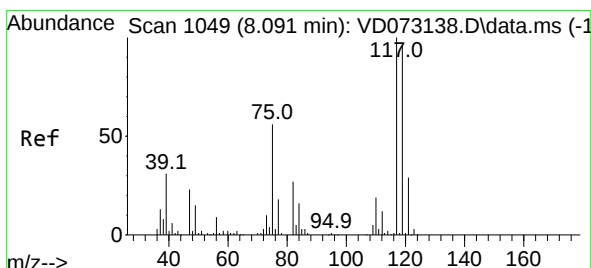
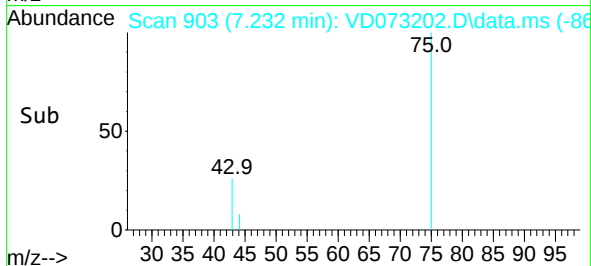
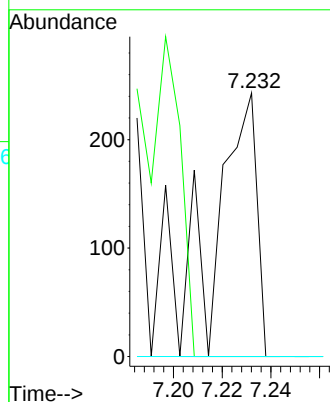
MSVOA_D

ClientSampleId :

P004-SS002-1824-01



Tgt Ion: 43	Resp: 277
Ion Ratio	Lower Upper
43	100
61	0.0 9.8 14.8#
70	0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 7.056 ug/l

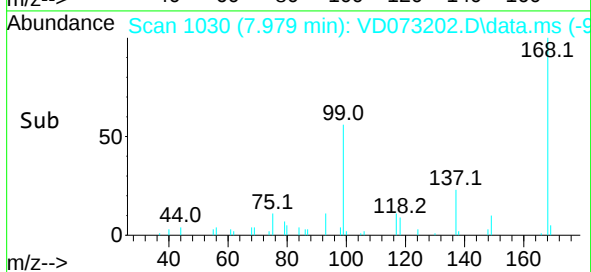
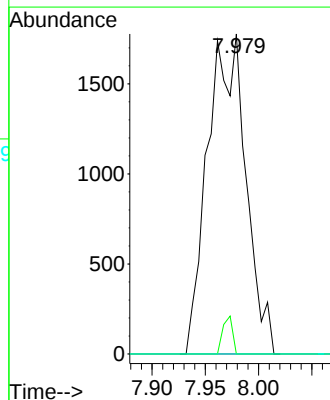
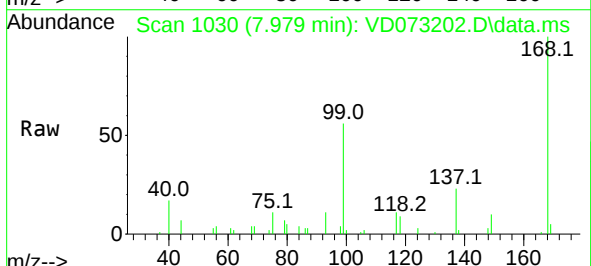
RT: 7.979 min Scan# 1030

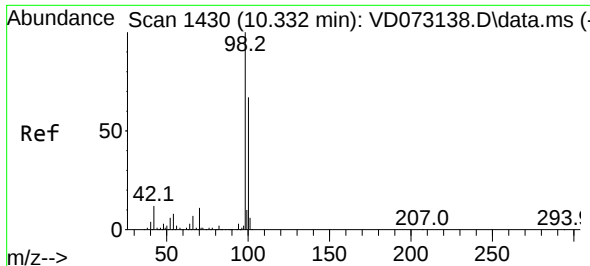
Delta R.T. -0.112 min

Lab File: VD073202.D

Acq: 21 May 2022 00:11

Tgt Ion: 117	Resp: 4422
Ion Ratio	Lower Upper
117	100
119	0.0 75.8 113.6#
121	0.0 24.5 36.7#

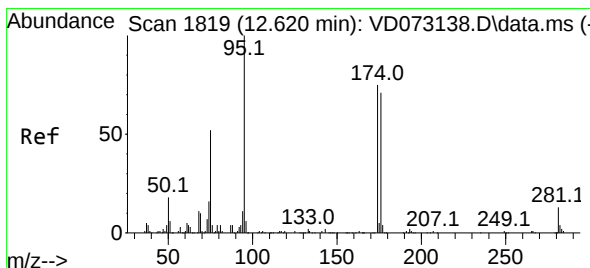
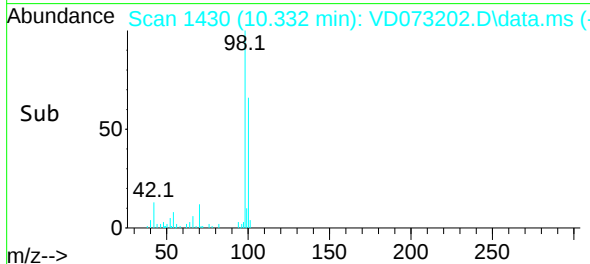
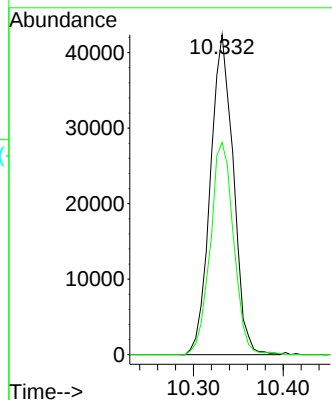
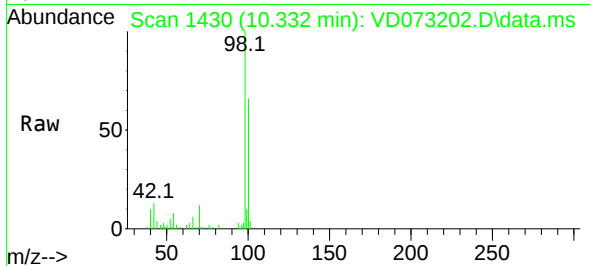




#50
Toluene-d8
Concen: 49.774 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

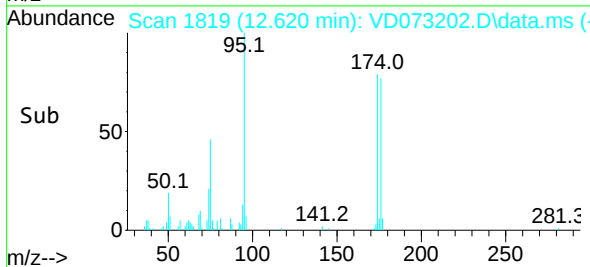
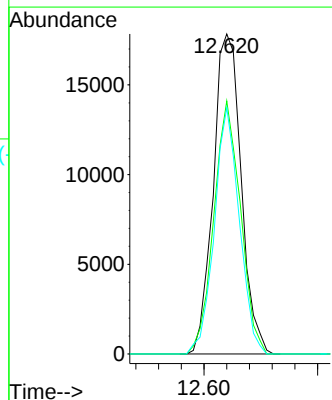
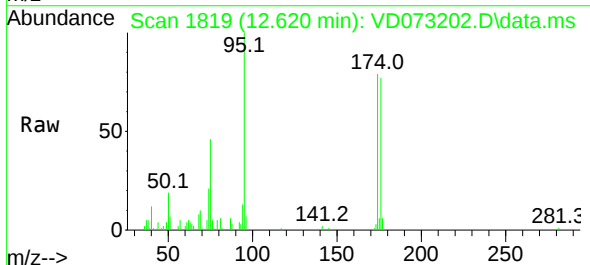
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-1824-01

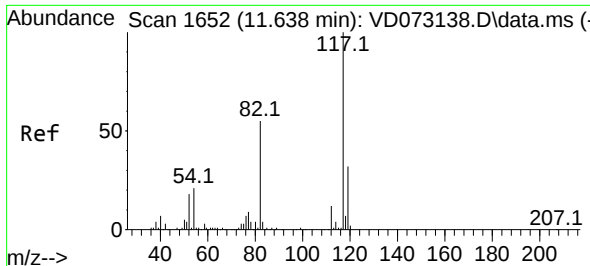
Tgt Ion: 98 Resp: 75420
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.161 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Tgt Ion: 95 Resp: 30396
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 68.9 0.0 145.4

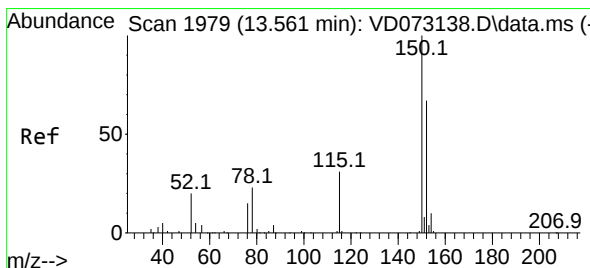
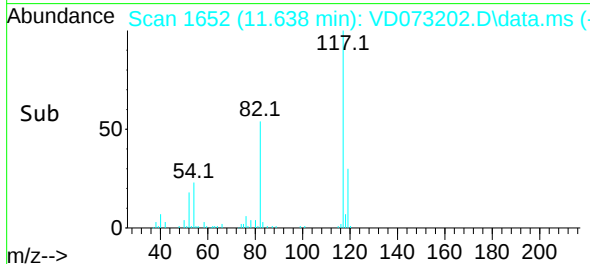
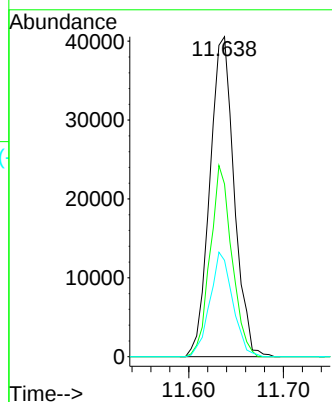
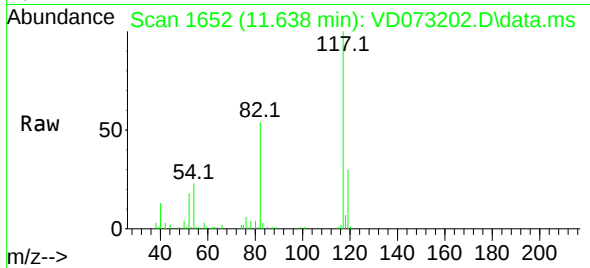




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

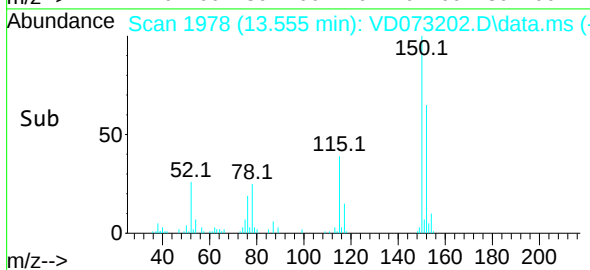
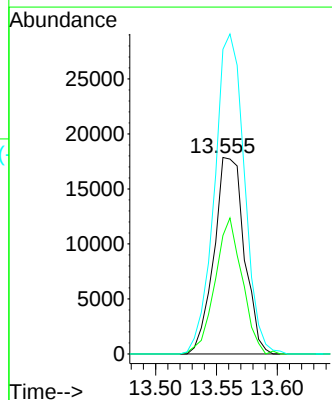
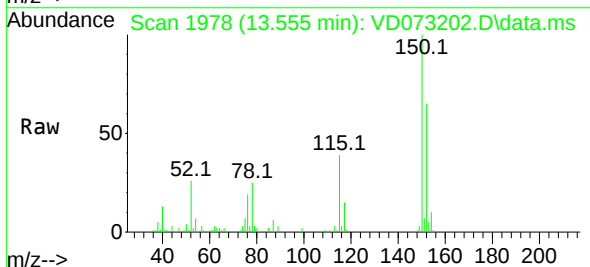
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-1824-01

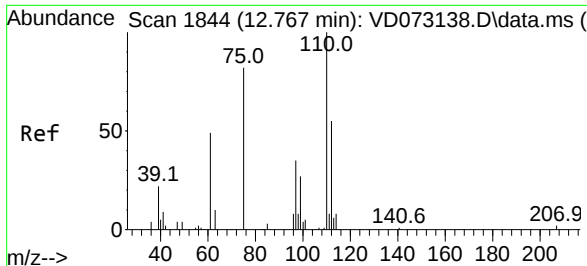
Tgt Ion:	117	Resp:	72479
Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.3	67.9
119	30.1	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Tgt Ion:	152	Resp:	30803
Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.3	93.8
150	161.0	0.0	348.6

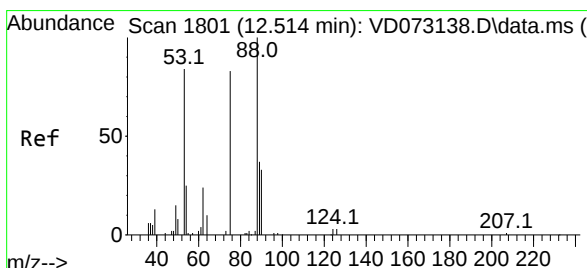
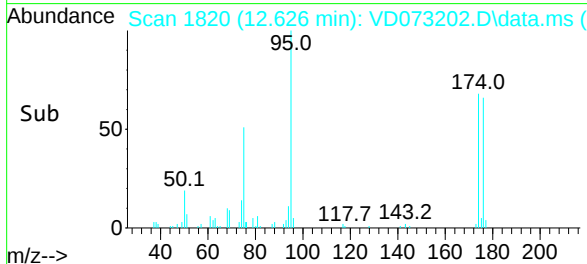
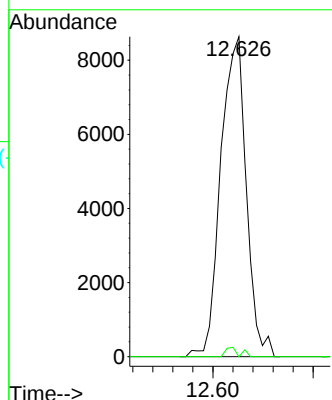
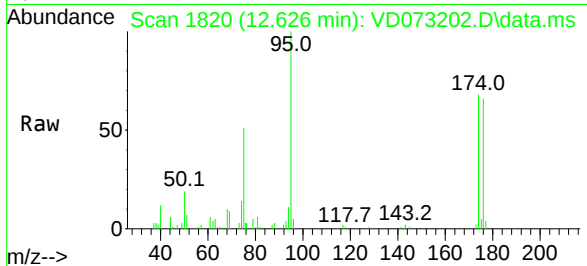




#76
1,2,3-Trichloropropane
Concen: 50.425 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.141 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-1824-01

Tgt Ion: 75 Resp: 15240
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.055 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD073202.D
Acq: 21 May 2022 00:11

Tgt Ion: 75 Resp: 15240
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

