

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028330.D
 Acq On : 25 Apr 2022 16:48
 Operator : JC/MD
 Sample : N2554-01ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-2520253ME

Quant Time: Apr 26 08:12:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

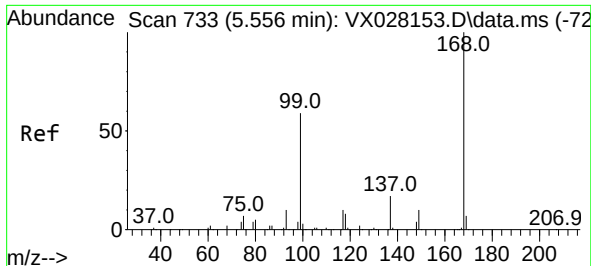
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	444400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	736327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	680575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	319773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	253465	43.743	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.480%		
35) Dibromofluoromethane	5.391	113	226871	43.935	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.860%		
50) Toluene-d8	8.653	98	864411	43.584	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.160%		
62) 4-Bromofluorobenzene	11.086	95	298984	39.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	78.860%		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	523	Below Cal	#	78
5) Bromomethane	1.599	94	1834	Below Cal		97
6) Chloroethane	1.685	64	298	Below Cal	#	70
8) Diethyl Ether	1.874	74	84	Below Cal	#	7
10) Methyl Iodide	2.435	142	1576	5.521 ug/l	#	88
11) Tert butyl alcohol	2.941	59	7202	Below Cal	#	75
20) Methylene Chloride	2.782	84	1627	0.378 ug/l		95
29) Tetrahydrofuran	5.032	42	584	0.261 ug/l	#	41
31) Cyclohexane	5.550	56	8336	1.181 ug/l	#	1
36) 1,1-Dichloropropene	5.544	75	31374	4.658 ug/l	#	49
38) Carbon Tetrachloride	5.550	117	43639	5.739 ug/l	#	15
43) Isopropyl Acetate	6.367	43	3137	0.282 ug/l	#	56
76) 1,2,3-Trichloropropane	11.086	75	147942	23.508 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.086	75	147942	69.859 ug/l	#	15

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

Quant Time: Apr 26 08:12:22 2022
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Response via : Initial Calibration

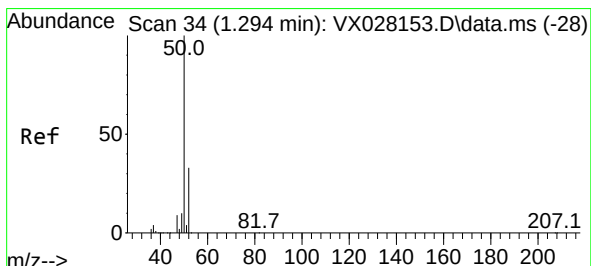
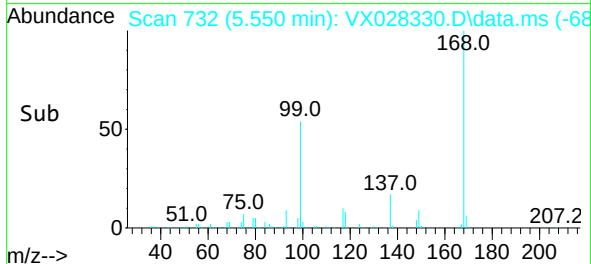
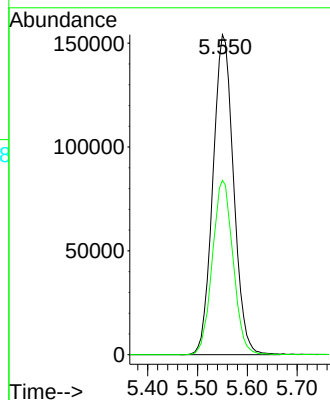
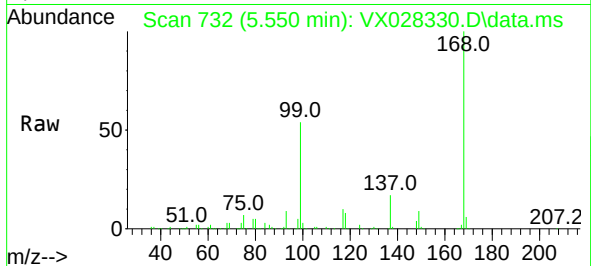




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

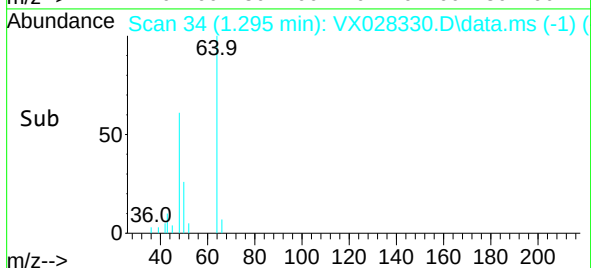
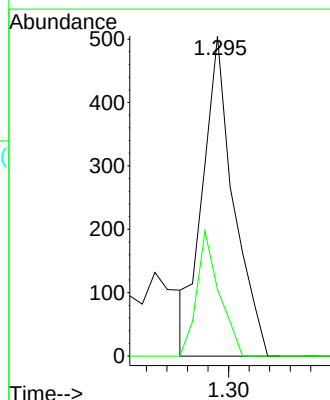
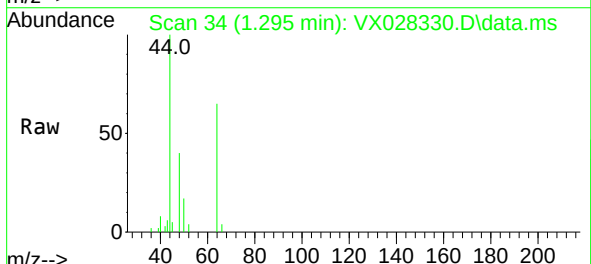
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

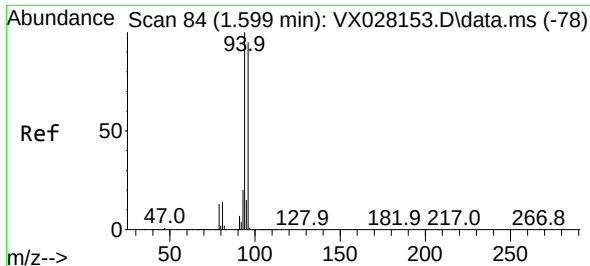
Tgt Ion:168 Resp: 444400
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Tgt Ion: 50 Resp: 523
Ion Ratio Lower Upper
50 100
52 20.8 26.4 39.6#

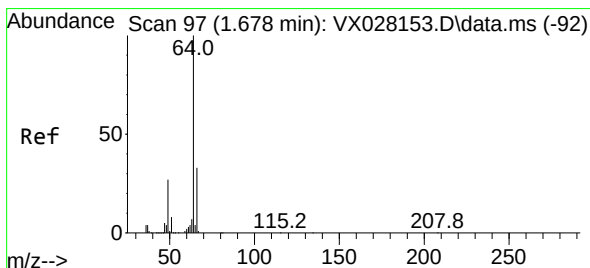
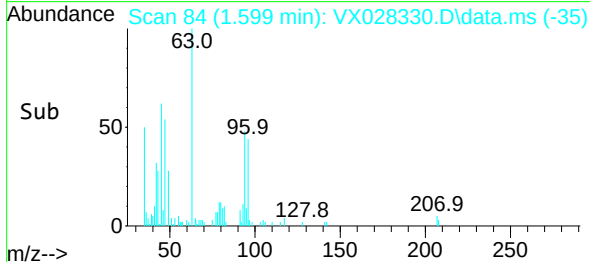
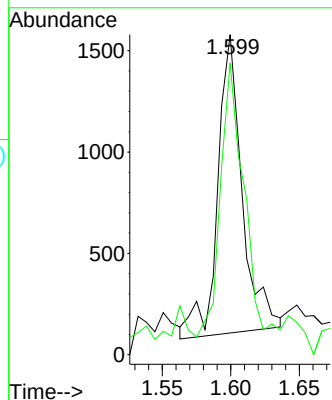
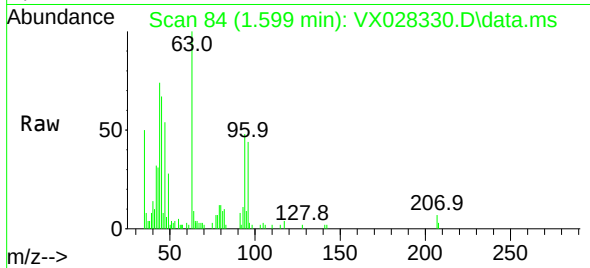




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

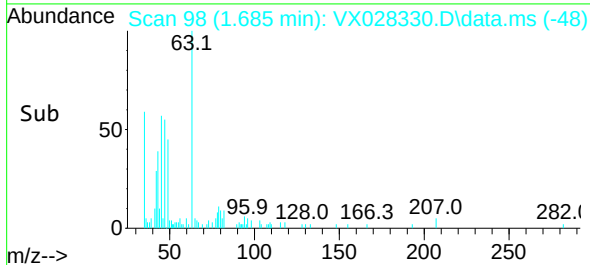
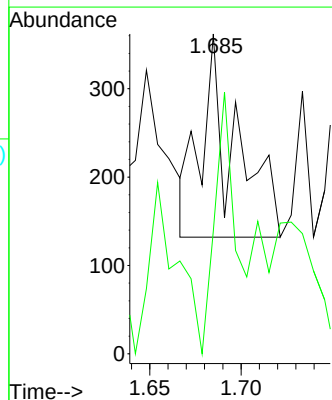
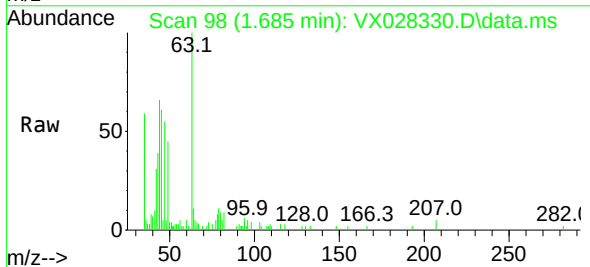
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

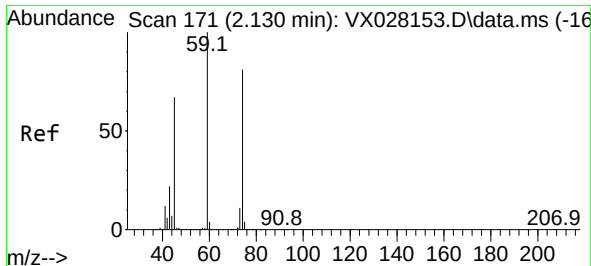
Tgt Ion: 94 Resp: 1834
Ion Ratio Lower Upper
94 100
96 91.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

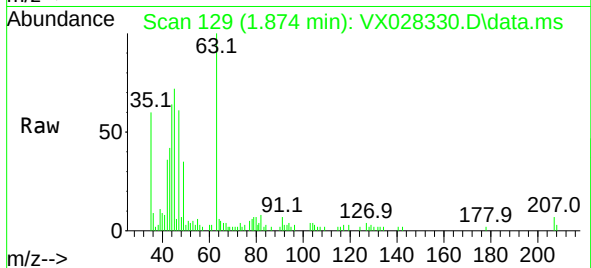
Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 14.8 25.3 37.9



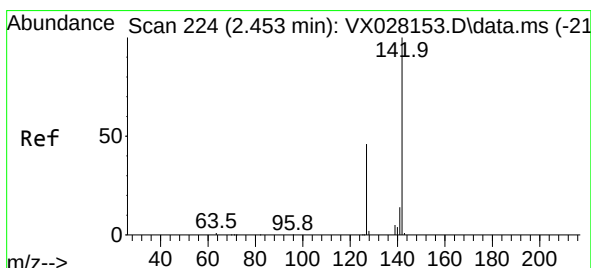
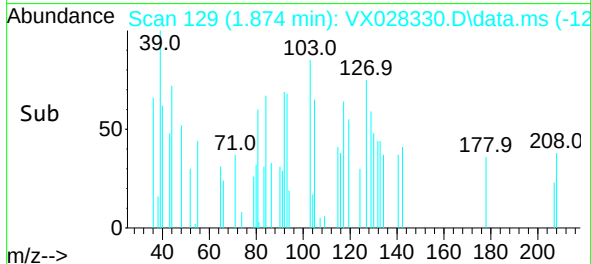
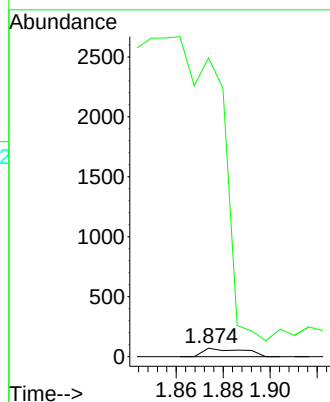


#8
Diethyl Ether
Concen: Below Cal
RT: 1.874 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

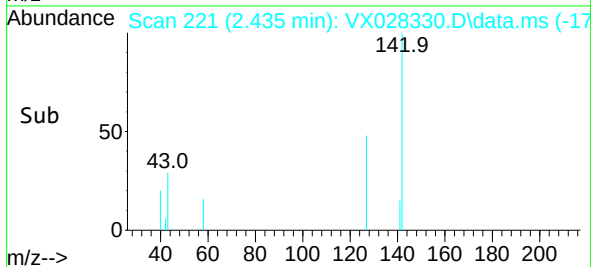
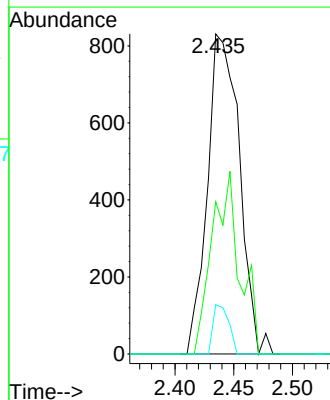
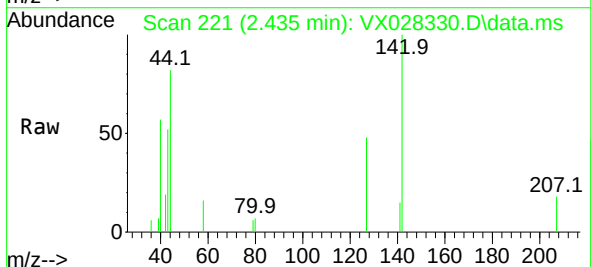


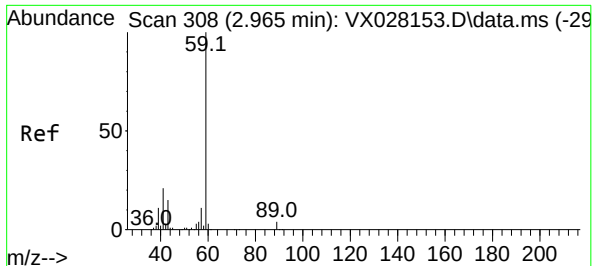
Tgt Ion: 74 Resp: 84
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.521 ug/l
RT: 2.435 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Tgt Ion:142 Resp: 1576
Ion Ratio Lower Upper
142 100
127 49.2 33.9 50.9
141 7.6 11.4 17.2#

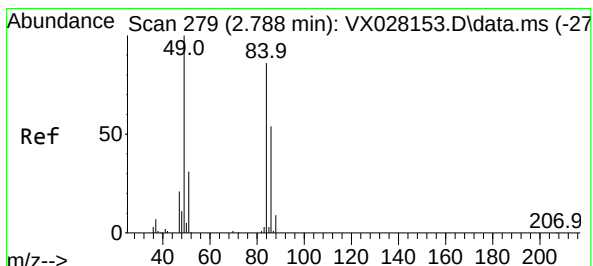
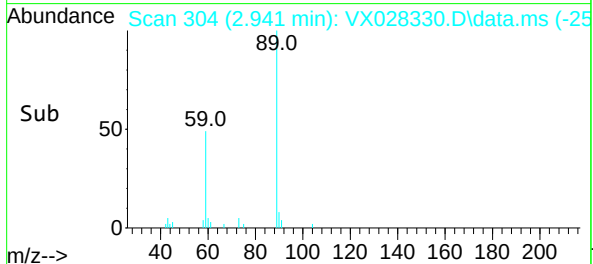
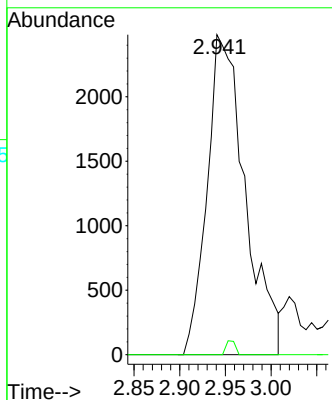
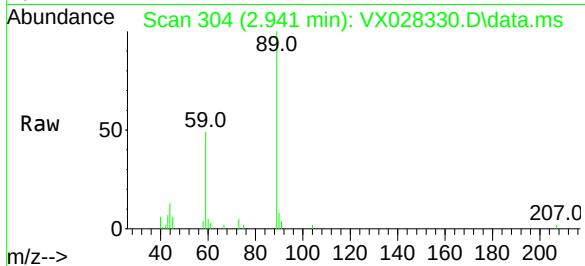




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

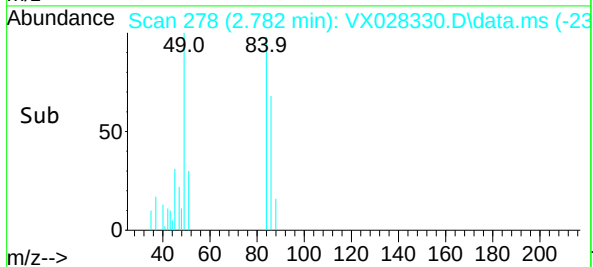
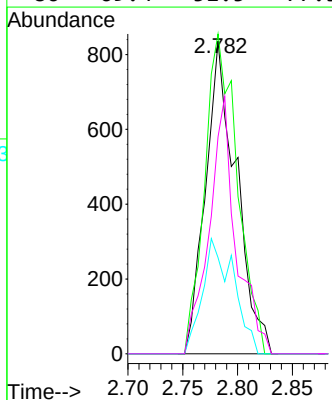
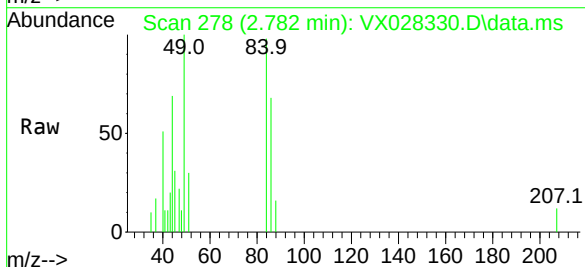
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

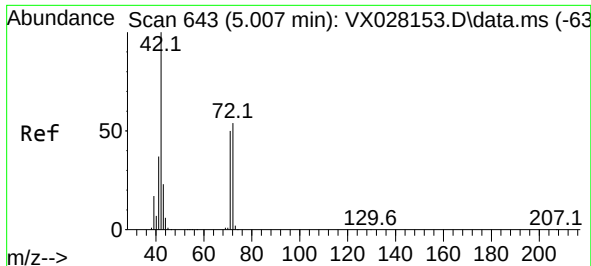
Tgt Ion: 59 Resp: 7202
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#



#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Tgt Ion: 84 Resp: 1627
Ion Ratio Lower Upper
84 100
49 102.3 85.5 128.3
51 30.7 26.6 39.8
86 69.4 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.261 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.025 min

Lab File: VX028330.D

Acq: 25 Apr 2022 16:48

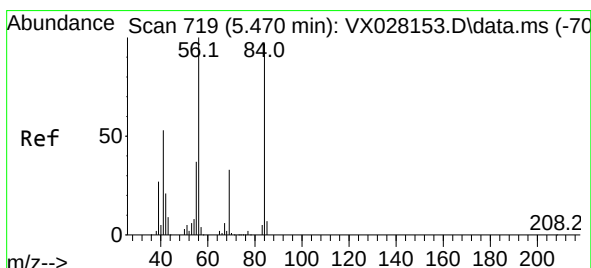
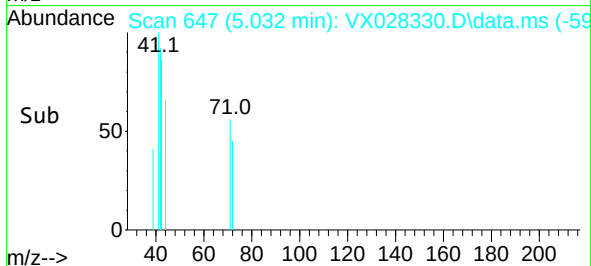
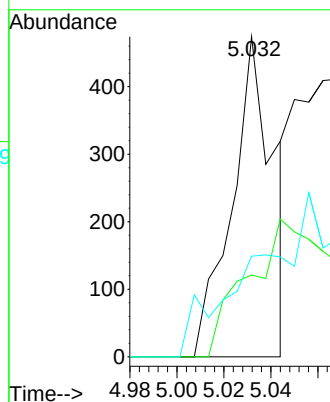
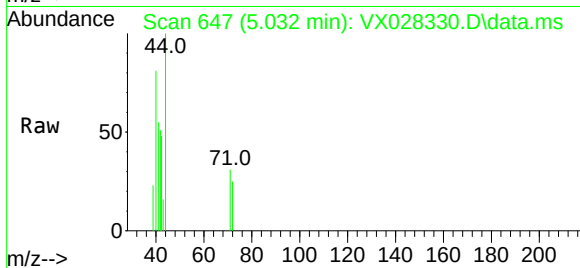
Instrument :

MSVOA_X

ClientSampleId :

RBR-2520253ME

Tgt Ion:	42	Resp:	584
Ion	Ratio	Lower	Upper
42	100		
72	88.9	44.1	66.1#
71	0.0	40.5	60.7#



#31

Cyclohexane

Concen: 1.181 ug/l

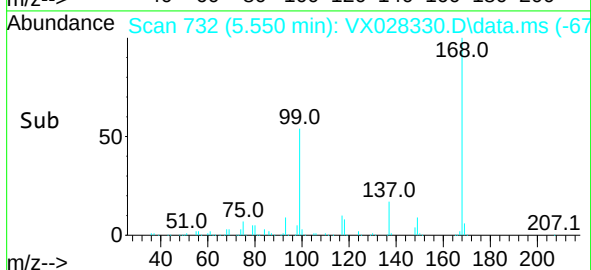
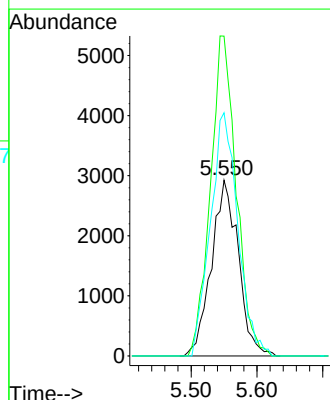
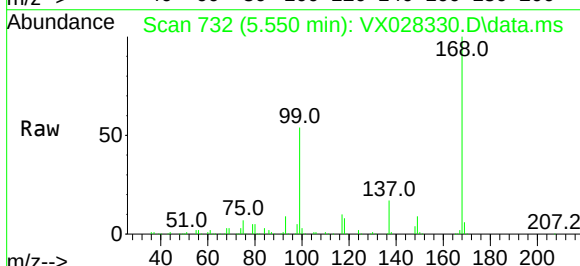
RT: 5.550 min Scan# 732

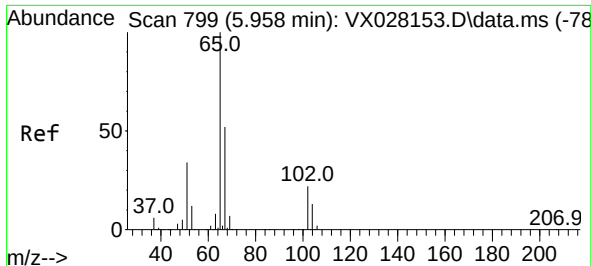
Delta R.T. 0.080 min

Lab File: VX028330.D

Acq: 25 Apr 2022 16:48

Tgt Ion:	56	Resp:	8336
Ion	Ratio	Lower	Upper
56	100		
69	182.0	26.7	40.1#
84	138.4	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.743 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028330.D

Acq: 25 Apr 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

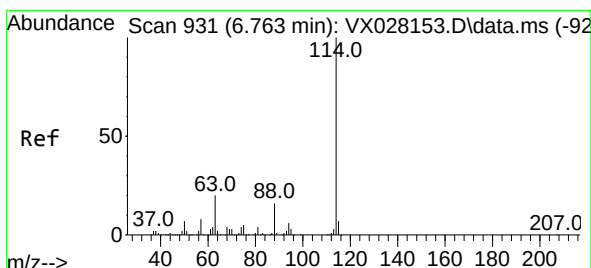
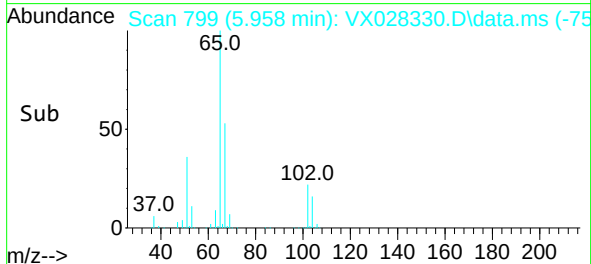
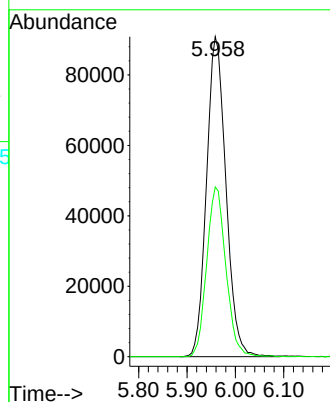
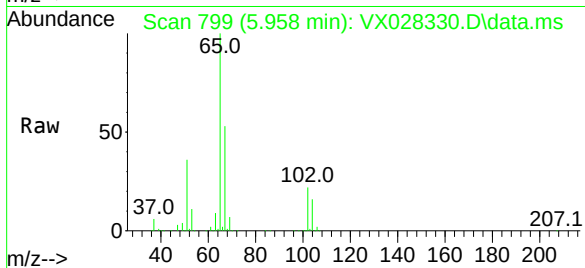
RBR-2520253ME

Tgt Ion: 65 Resp: 253465

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028330.D

Acq: 25 Apr 2022 16:48

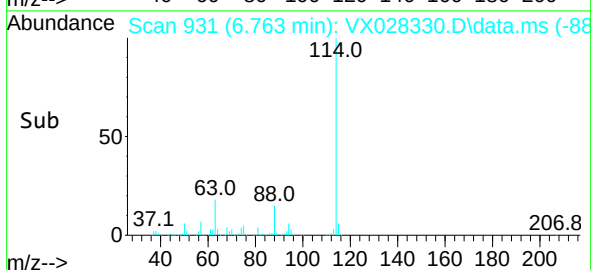
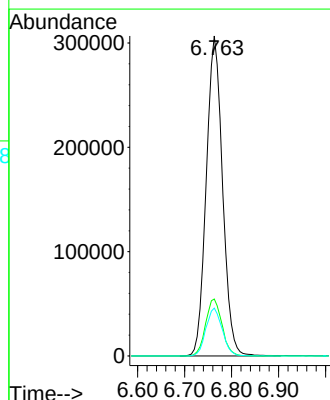
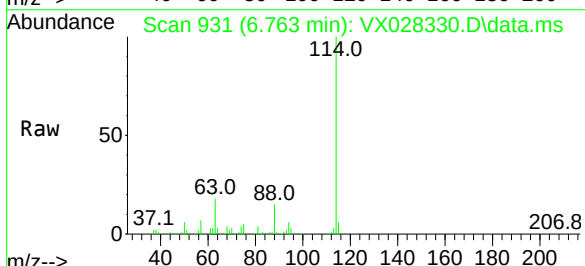
Tgt Ion: 114 Resp: 736327

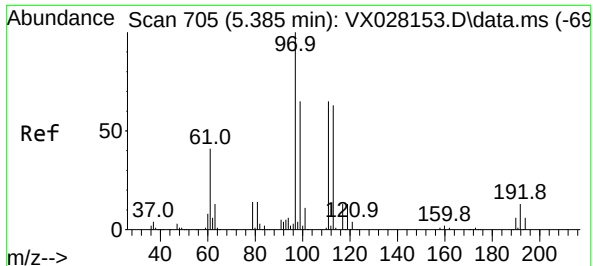
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 14.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 43.935 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028330.D

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Instrument :

MSVOA_X

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RBR-2520253ME

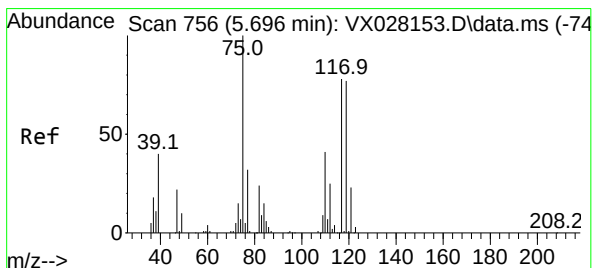
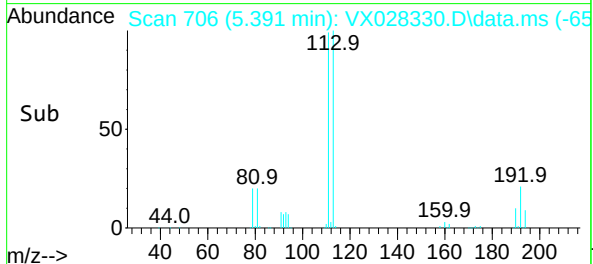
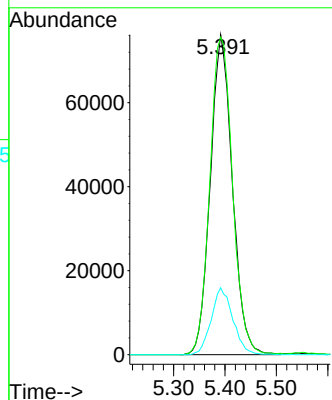
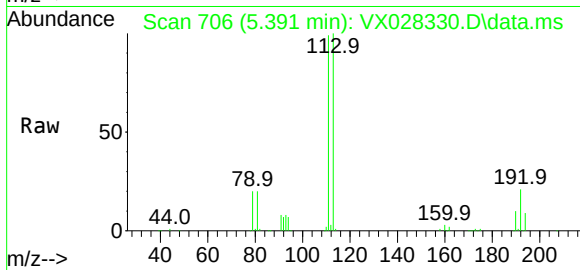
Tgt Ion:113 Resp: 226871

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 20.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.658 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX028330.D

Acq: 25 Apr 2022 16:48

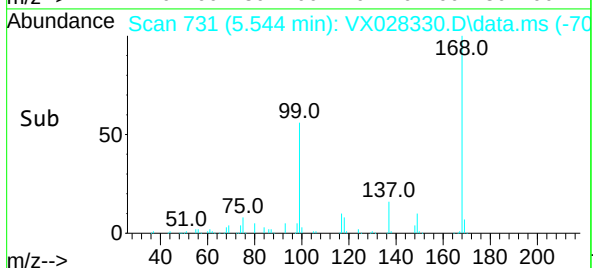
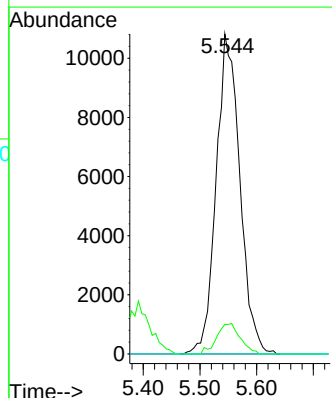
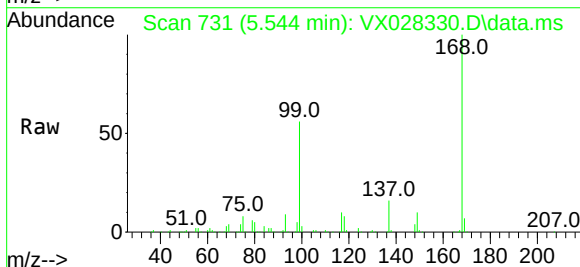
Tgt Ion: 75 Resp: 31374

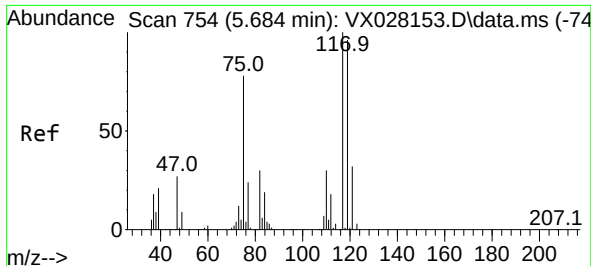
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

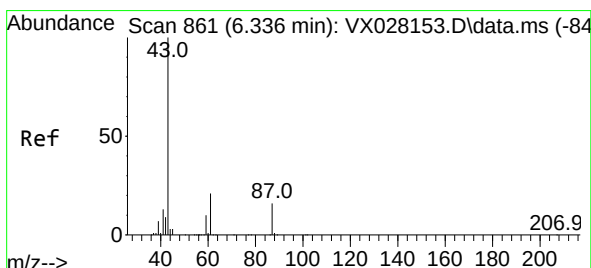
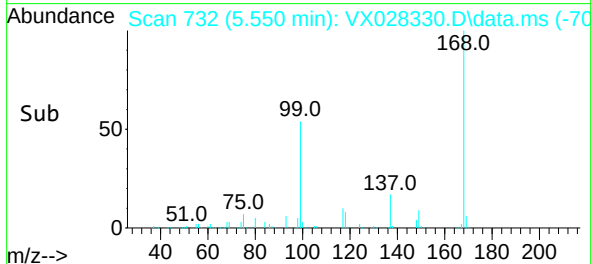
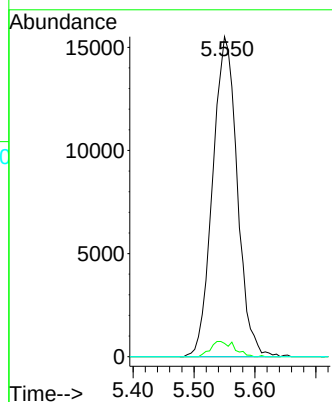
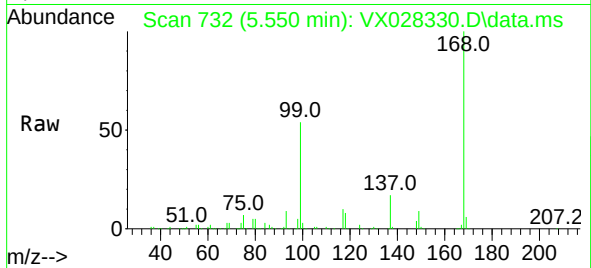




#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

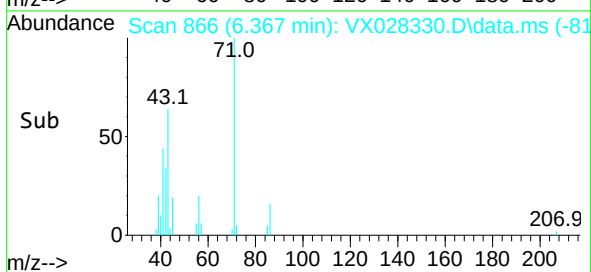
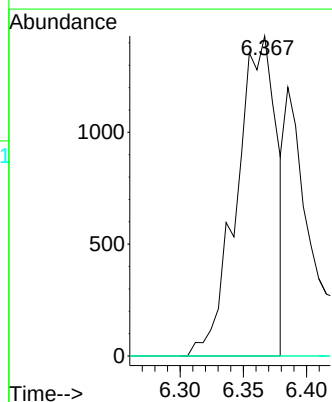
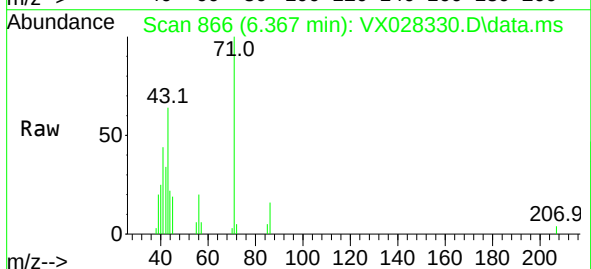
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

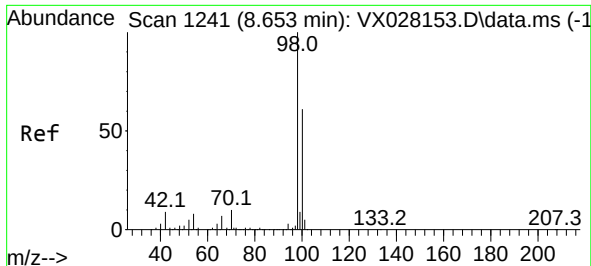
Tgt Ion:117 Resp: 43639
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.282 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.031 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

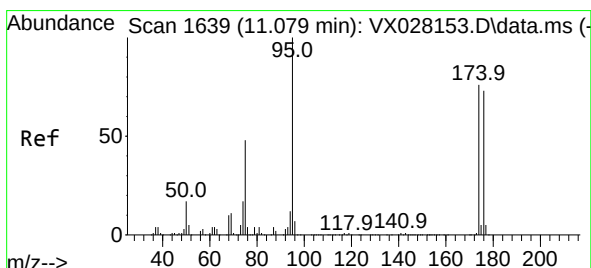
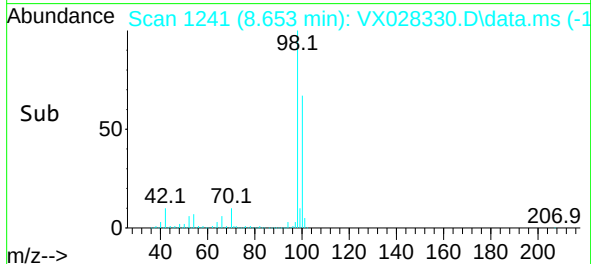
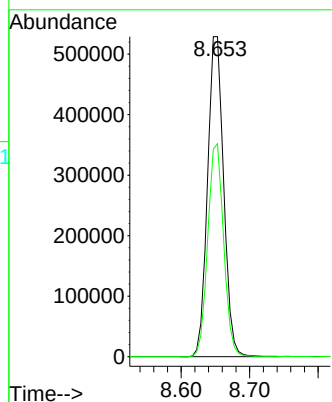
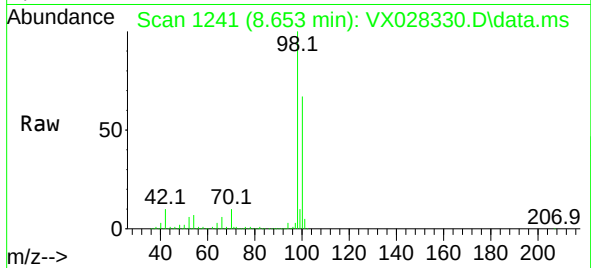




#50
Toluene-d8
Concen: 43.584 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

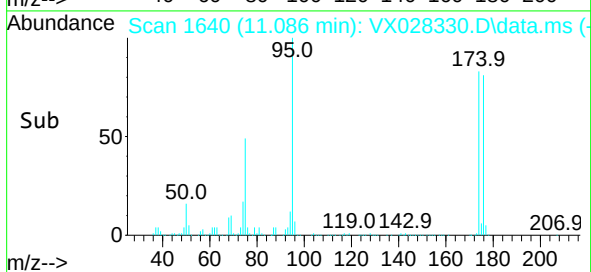
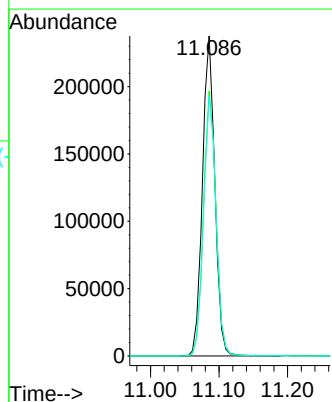
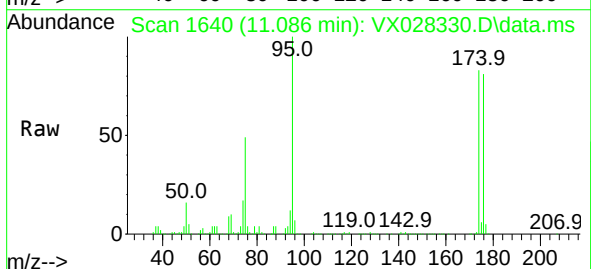
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

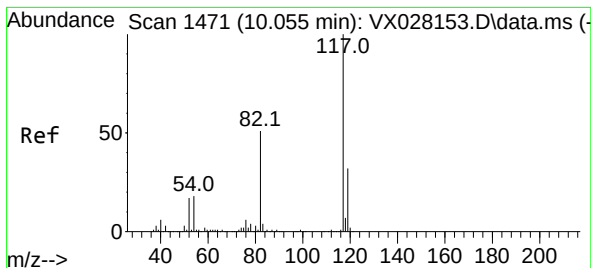
Tgt Ion: 98 Resp: 864411
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 39.426 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.007 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Tgt Ion: 95 Resp: 298984
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 82.1 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028330.D

Acq: 25 Apr 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

RBR-2520253ME

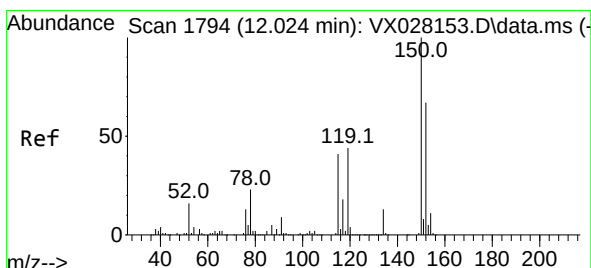
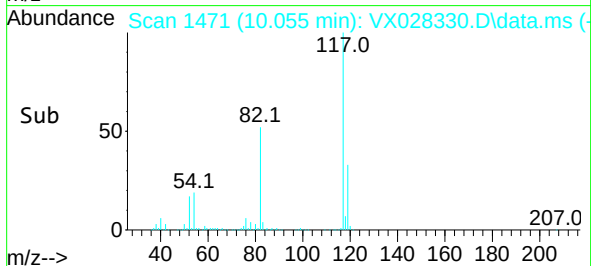
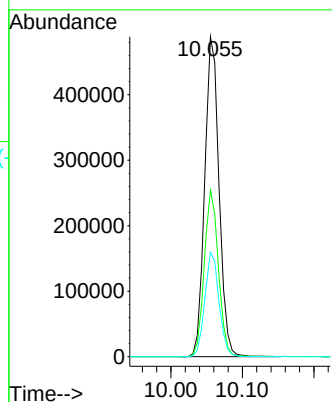
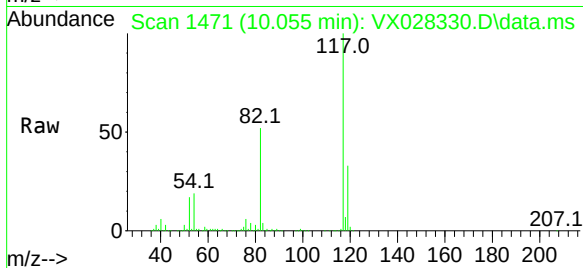
Tgt Ion:117 Resp: 680575

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

119 32.6 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028330.D

Acq: 25 Apr 2022 16:48

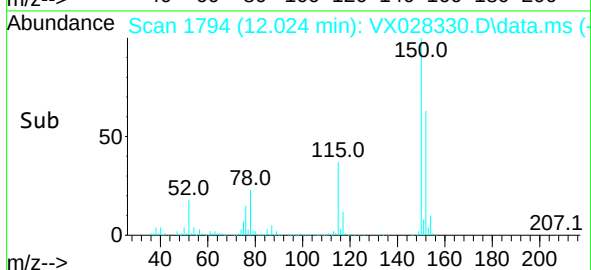
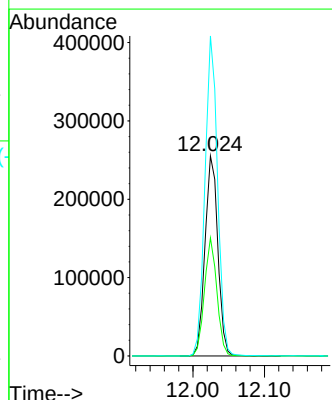
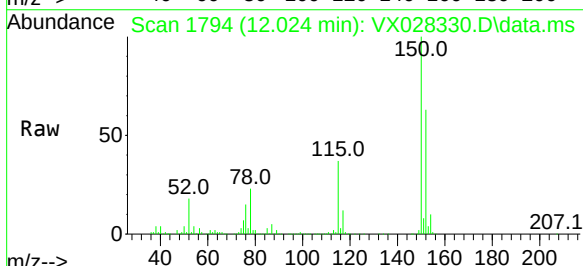
Tgt Ion:152 Resp: 319773

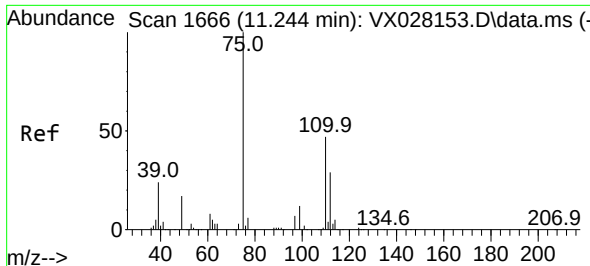
Ion Ratio Lower Upper

152 100

115 57.2 37.5 112.7

150 156.9 0.0 338.2

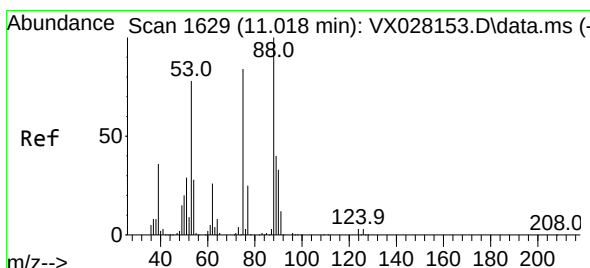
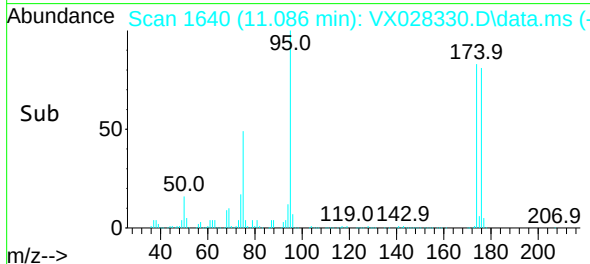
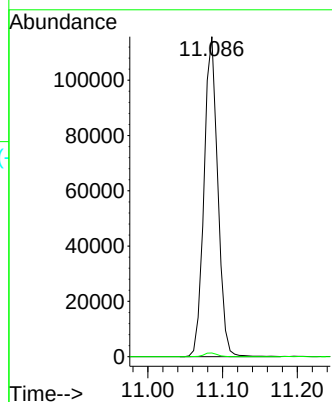
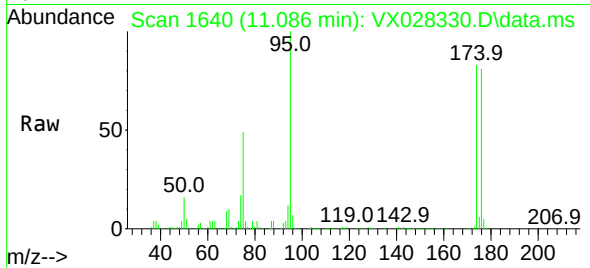




#76
1,2,3-Trichloropropane
Concen: 23.508 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

Tgt Ion: 75 Resp: 147942
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.859 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.068 min
Lab File: VX028330.D
Acq: 25 Apr 2022 16:48

Tgt Ion: 75 Resp: 147942
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

