

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028347.D
 Acq On : 26 Apr 2022 14:16
 Operator : JC/MD
 Sample : N2554-01ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-2520253ME

Quant Time: Apr 27 02:04:35 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	5.556	168	518349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	838659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	738701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	360914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	276229	40.870	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.740%
35) Dibromofluoromethane	5.391	113	249889	42.488	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	84.980%
50) Toluene-d8	8.647	98	942940	41.742	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	83.480%
62) 4-Bromofluorobenzene	11.085	95	332384	38.483	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	76.960%

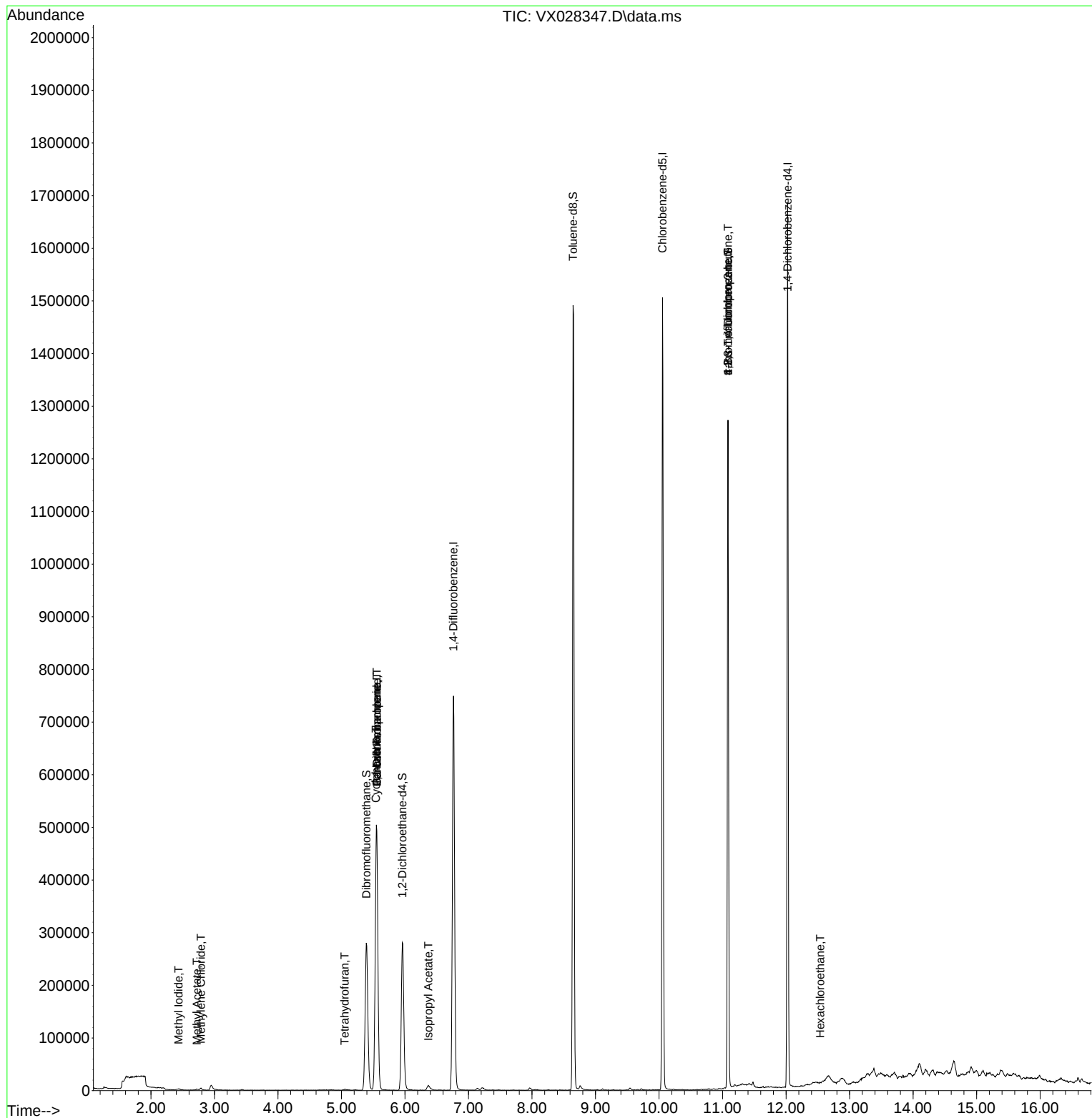
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.288	50	605	Below Cal	#	84
5) Bromomethane	1.605	94	2043	Below Cal		95
6) Chloroethane	1.544	64	8167	Below Cal	#	49
8) Diethyl Ether	2.117	74	35	Below Cal	#	1
10) Methyl Iodide	2.434	142	1663	5.494	ug/l	97
11) Tert butyl alcohol	2.946	59	6013	Below Cal	#	72
16) Acetone	2.416	43	2529	Below Cal	#	76
18) Methyl Acetate	2.721	43	2427	0.404	ug/l	95
20) Methylene Chloride	2.788	84	1569	0.313	ug/l	88
29) Tetrahydrofuran	5.050	42	989	0.379	ug/l	# 73
31) Cyclohexane	5.544	56	9580	1.163	ug/l	# 19
36) 1,1-Dichloropropene	5.556	75	35464	4.623	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	49697	5.738	ug/l	# 16
43) Isopropyl Acetate	6.367	43	4695	0.371	ug/l	# 56
76) 1,2,3-Trichloropropane	11.085	75	161838	22.784	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	161838	67.709	ug/l	# 15
90) Hexachloroethane	12.536	117	105	1.839	ug/l	76

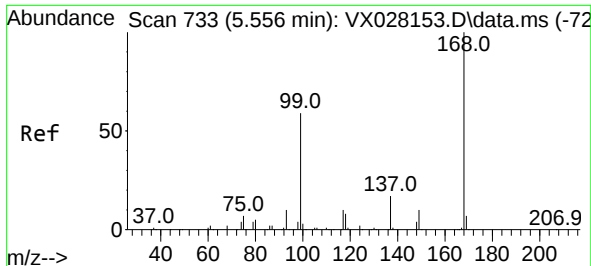
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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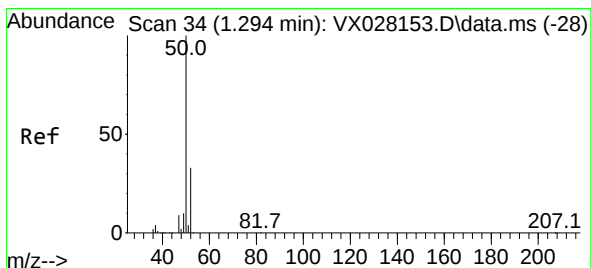
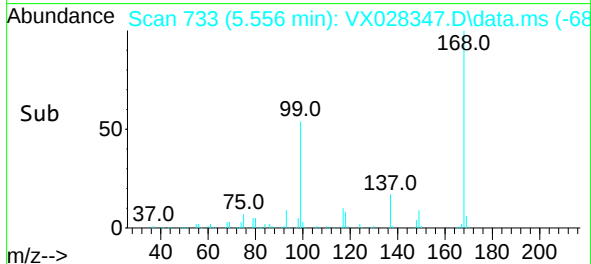
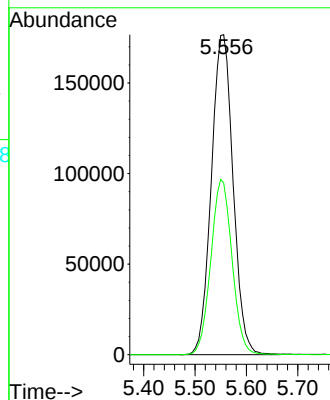
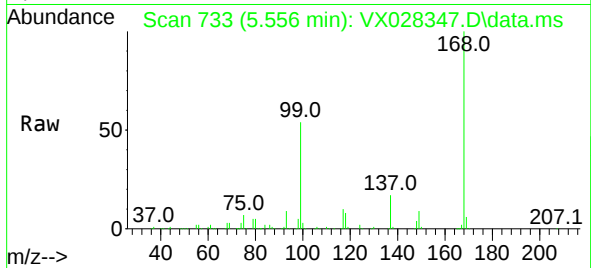




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

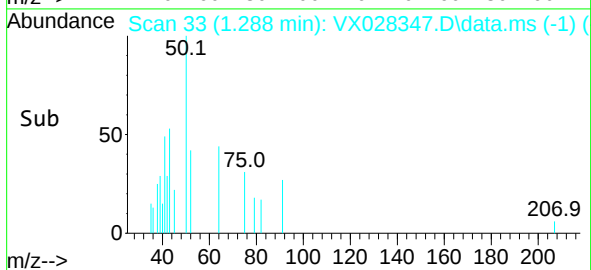
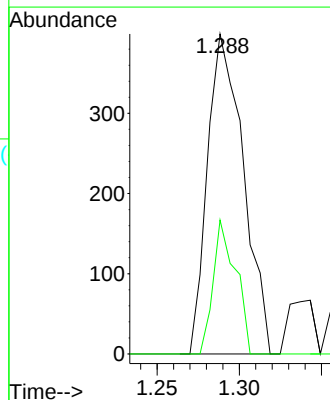
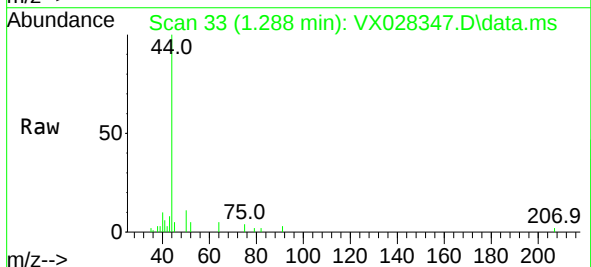
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

Tgt Ion:168 Resp: 518349
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 50 Resp: 605
Ion Ratio Lower Upper
50 100
52 41.9 26.4 39.6#

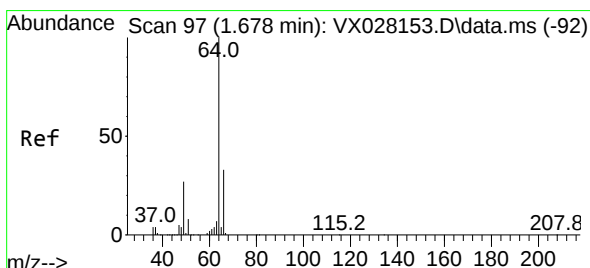
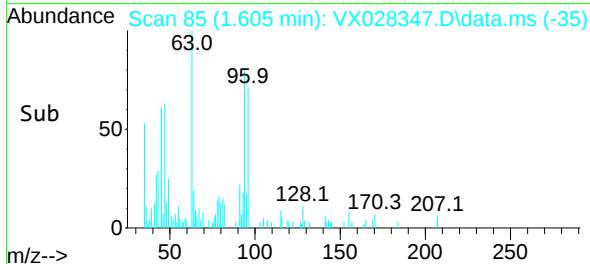
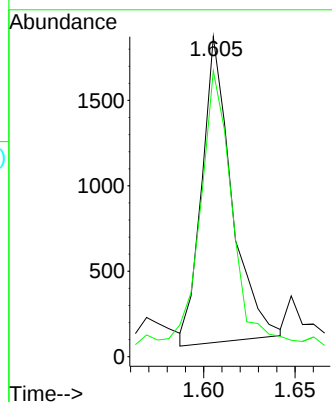
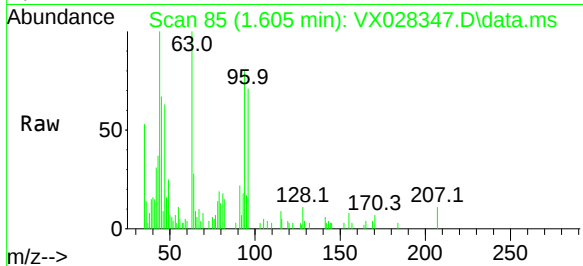




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

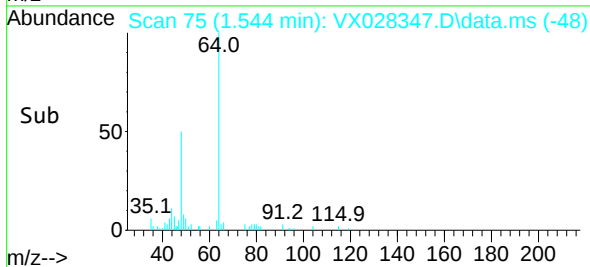
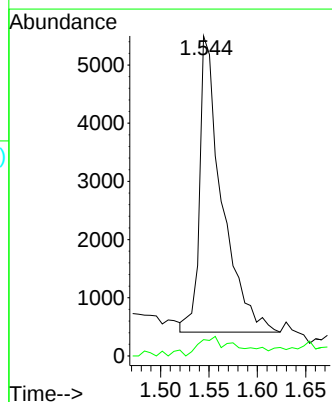
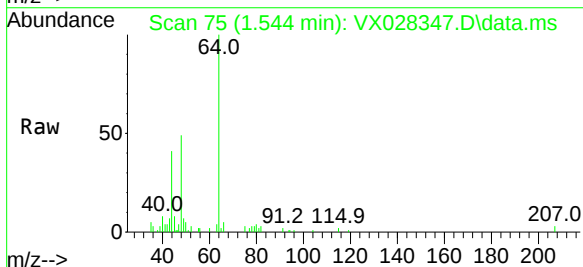
Instrument :
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ClientSampleId :
RBR-2520253ME

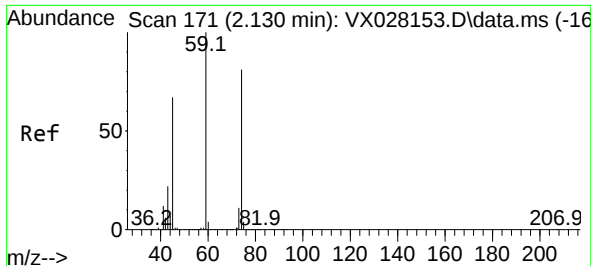
Tgt Ion: 94 Resp: 2043
Ion Ratio Lower Upper
94 100
96 89.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.134 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 64 Resp: 8167
Ion Ratio Lower Upper
64 100
66 3.5 25.3 37.9

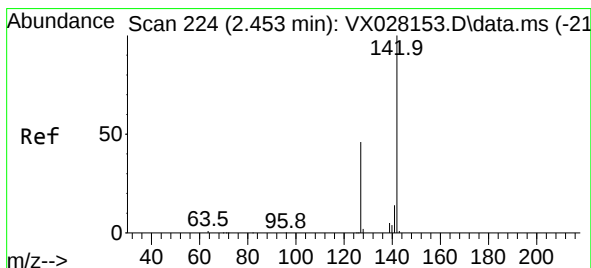
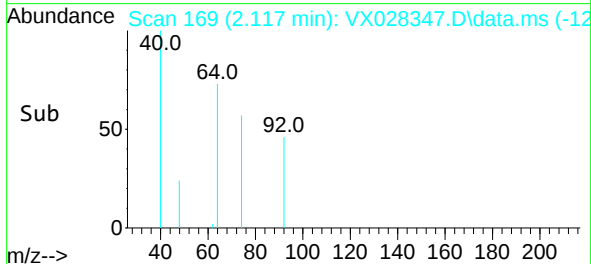
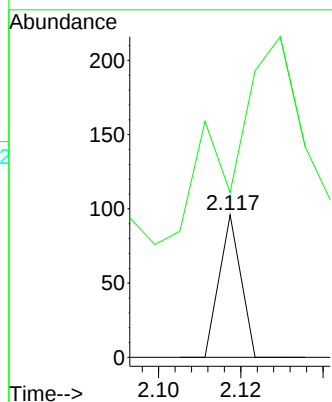
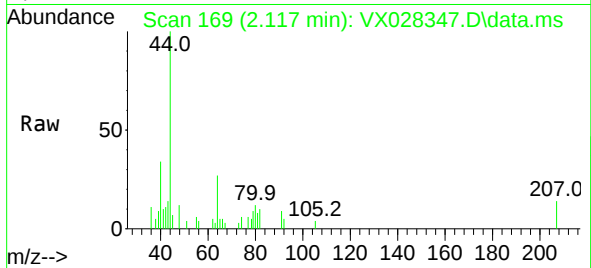




#8
Diethyl Ether
Concen: Below Cal
RT: 2.117 min Scan# 1
Delta R.T. -0.013 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

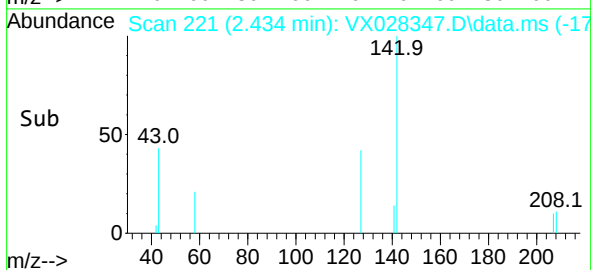
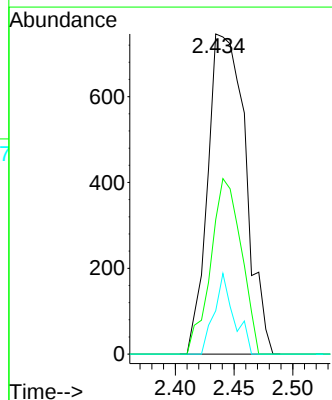
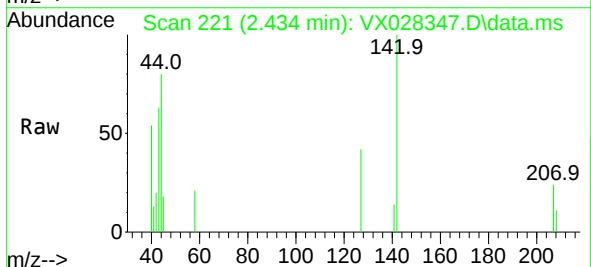
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

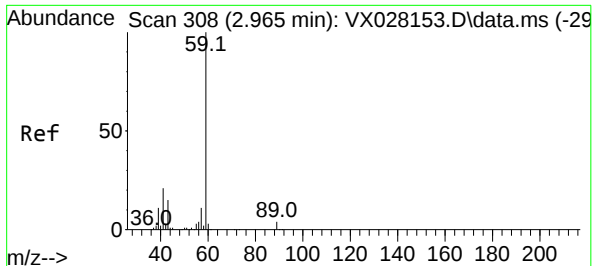
Tgt Ion: 74 Resp: 35
Ion Ratio Lower Upper
74 100
45 502.9 42.0 126.0#



#10
Methyl Iodide
Concen: 5.494 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion:142 Resp: 1663
Ion Ratio Lower Upper
142 100
127 44.6 33.9 50.9
141 13.1 11.4 17.2

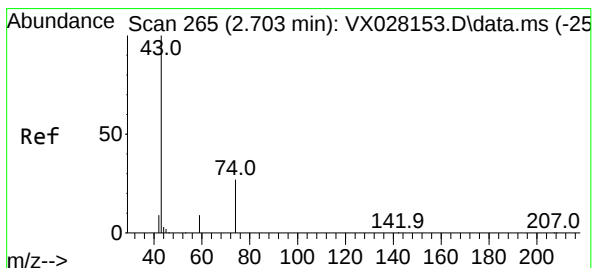
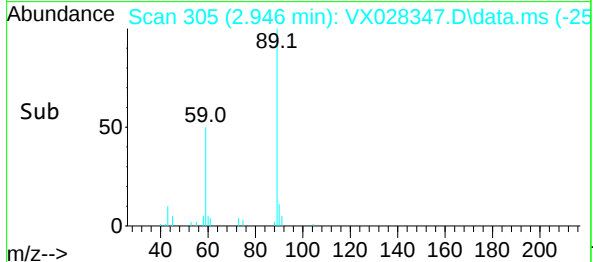
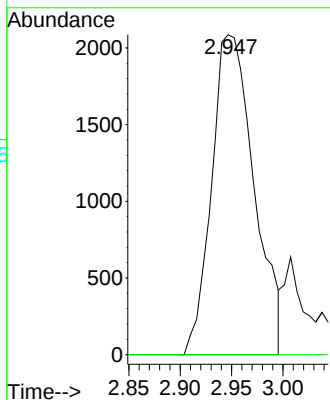
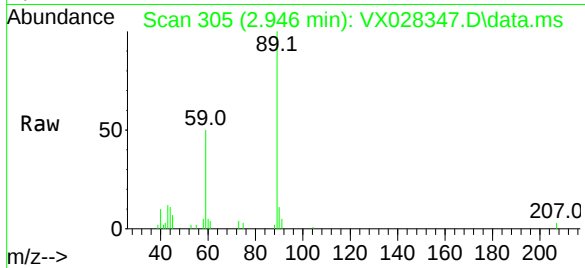




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

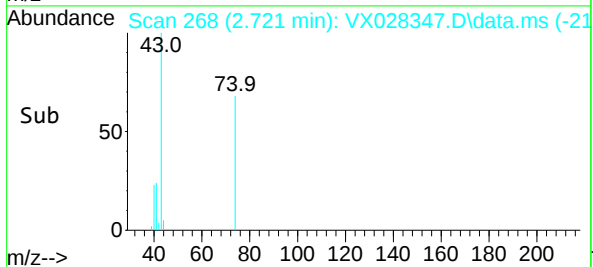
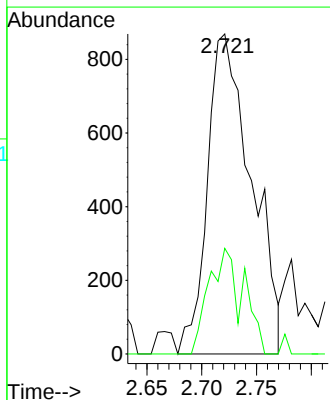
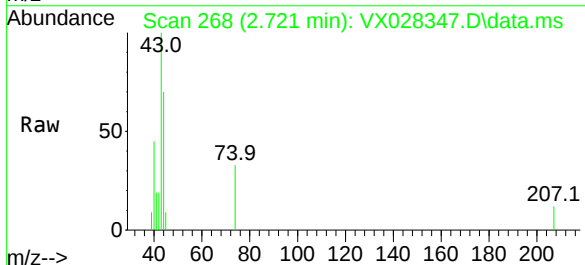
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

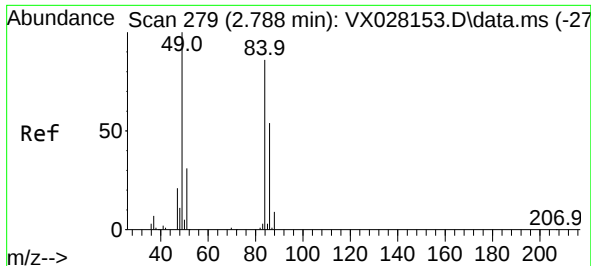
Tgt Ion: 59 Resp: 6013
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#18
Methyl Acetate
Concen: 0.404 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
74 25.7 22.8 34.2





#20

Methylene Chloride

Concen: 0.313 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028347.D

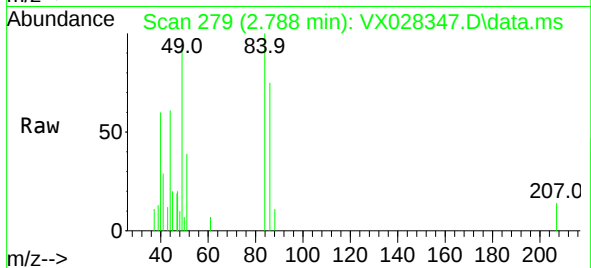
Acq: 26 Apr 2022 14:16

Instrument :

MSVOA_X

ClientSampleId :

RBR-2520253ME



Tgt Ion: 84 Resp: 1569

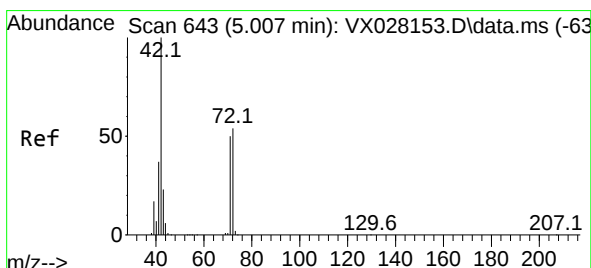
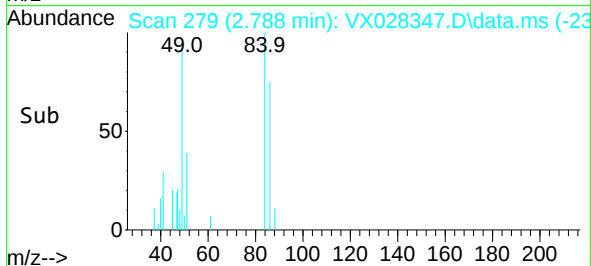
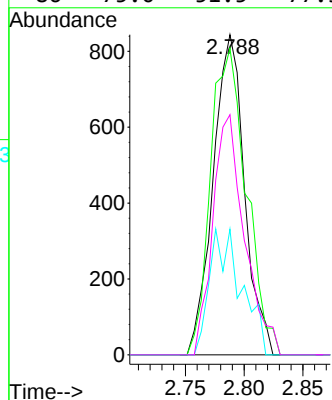
Ion Ratio Lower Upper

84 100

49 95.7 85.5 128.3

51 39.2 26.6 39.8

86 75.0 51.5 77.3



#29

Tetrahydrofuran

Concen: 0.379 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.043 min

Lab File: VX028347.D

Acq: 26 Apr 2022 14:16

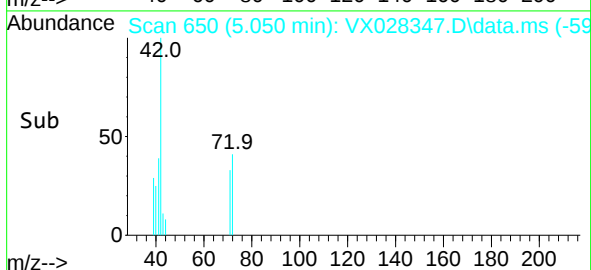
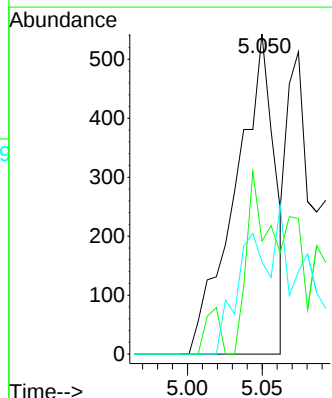
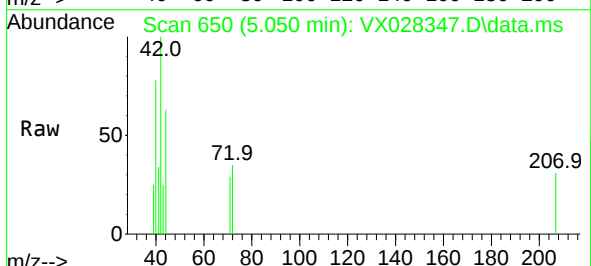
Tgt Ion: 42 Resp: 989

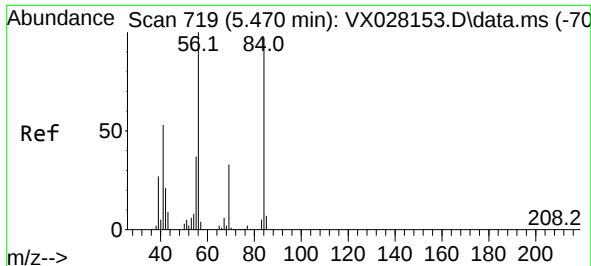
Ion Ratio Lower Upper

42 100

72 37.2 44.1 66.1#

71 30.8 40.5 60.7#

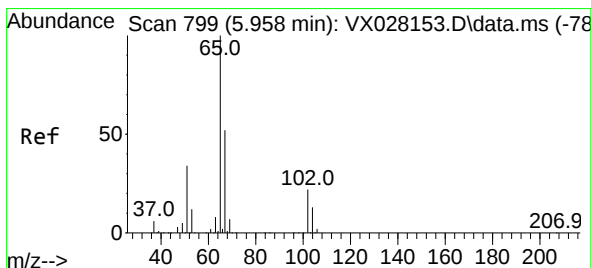
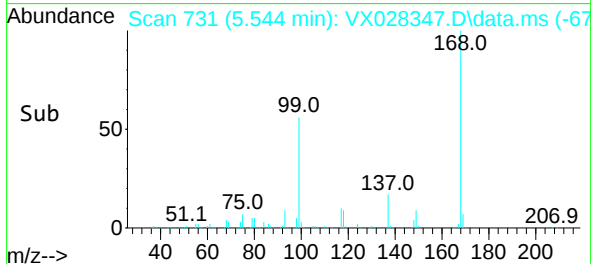
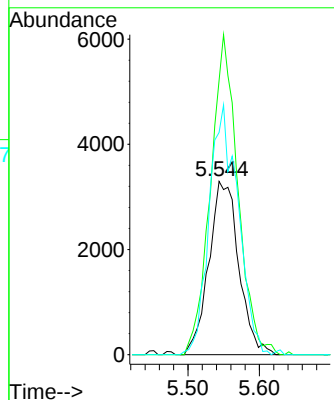
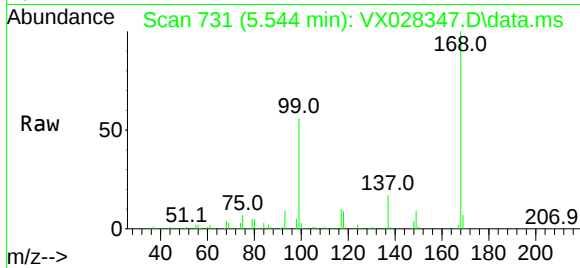




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

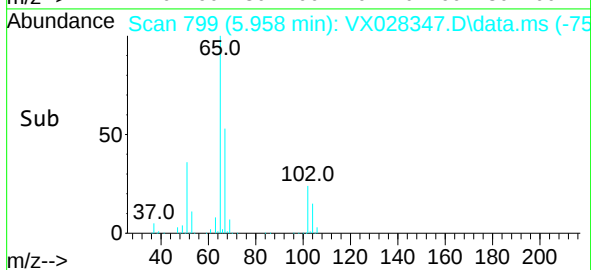
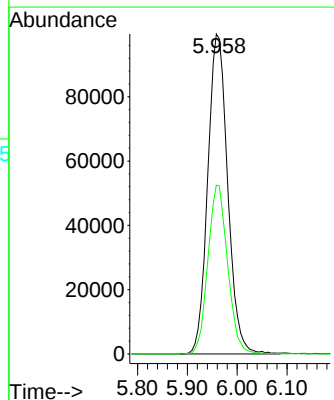
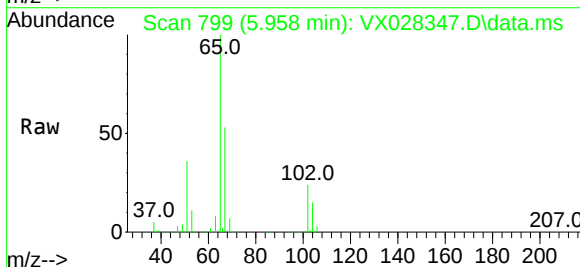
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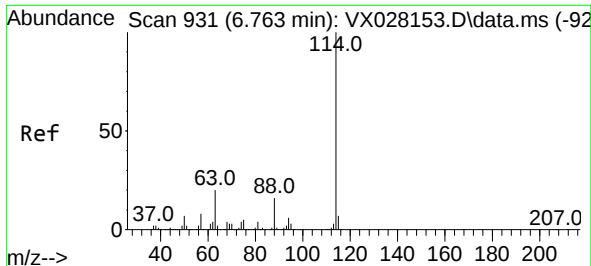
Tgt Ion: 56 Resp: 9580
Ion Ratio Lower Upper
56 100
69 158.2 26.7 40.1#
84 128.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.870 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 65 Resp: 276229
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

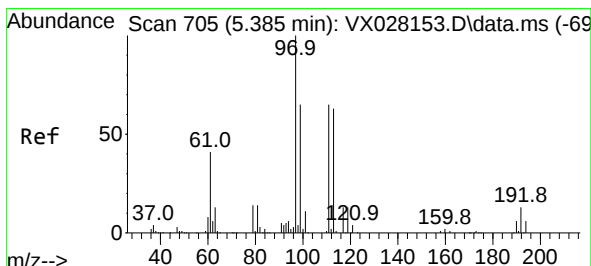
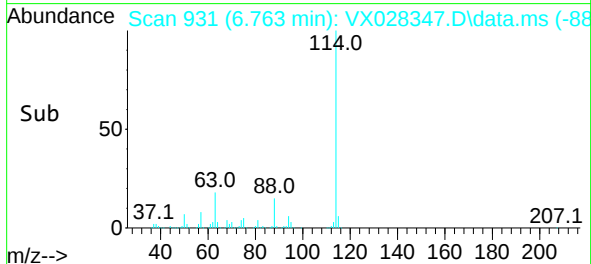
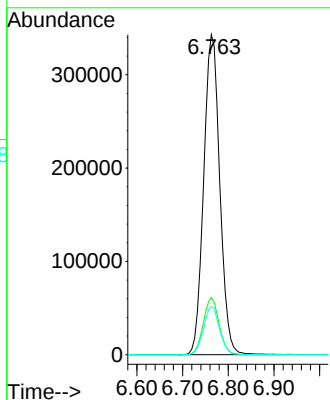
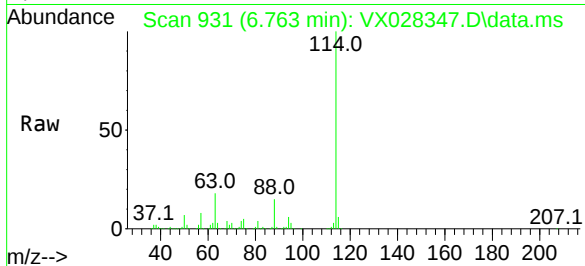




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

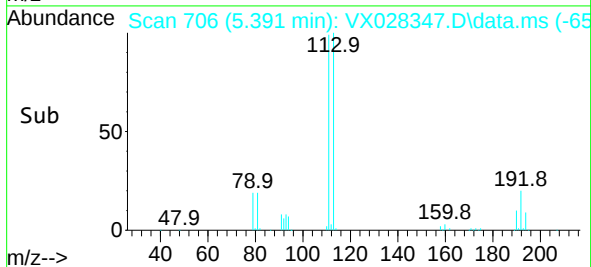
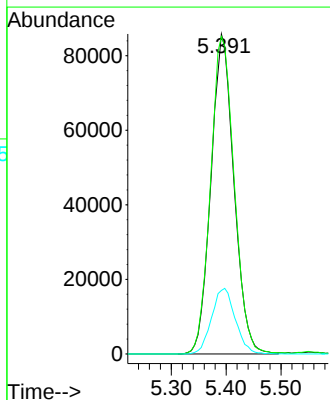
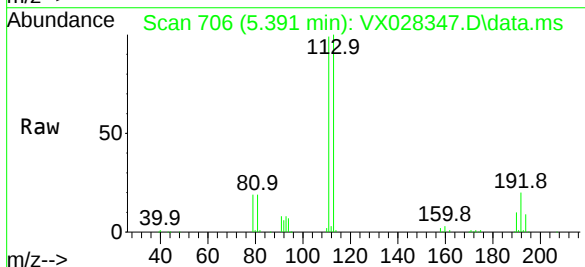
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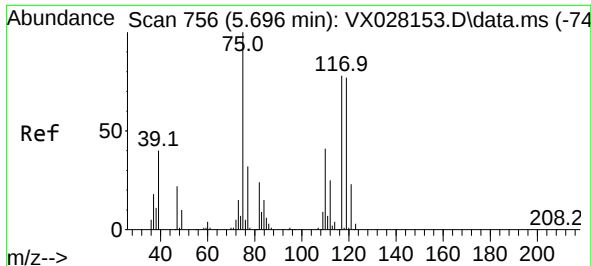
Tgt Ion:114 Resp: 838659
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 42.488 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion:113 Resp: 249889
Ion Ratio Lower Upper
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111 102.4 82.8 124.2
192 21.2 16.9 25.3

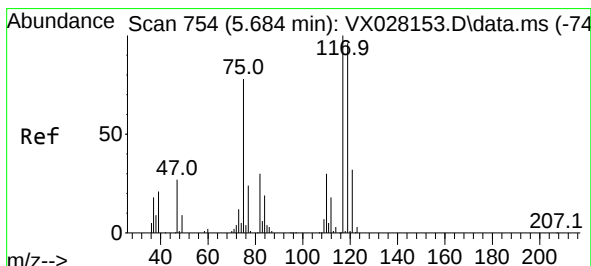
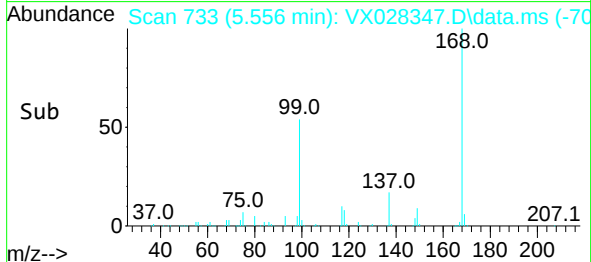
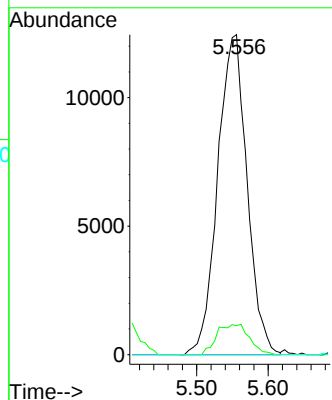
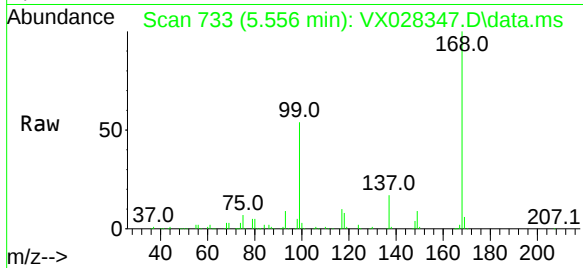




#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

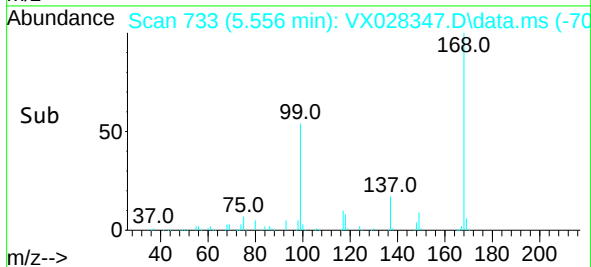
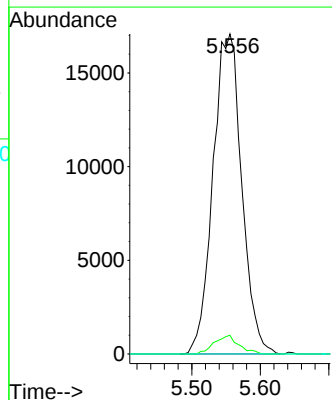
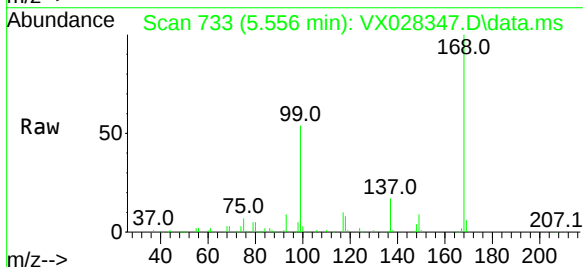
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

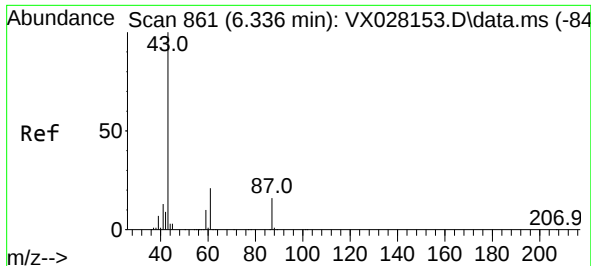
Tgt Ion: 75 Resp: 35464
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

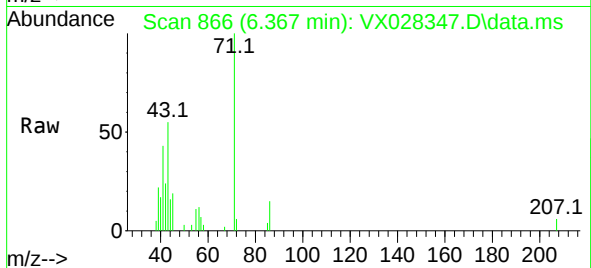
Tgt Ion: 117 Resp: 49697
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#



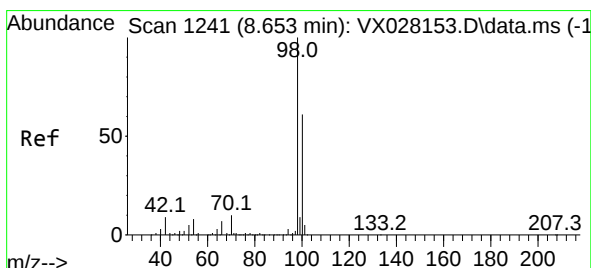
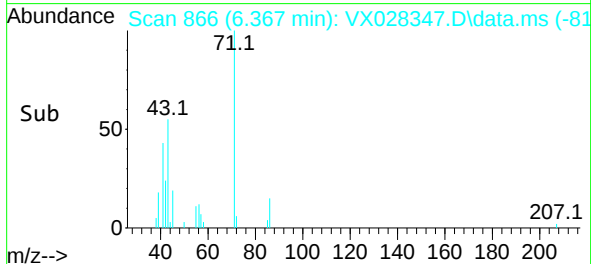
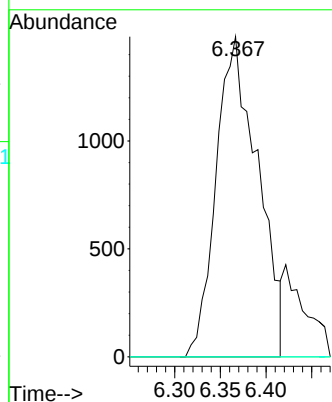


#43
Isopropyl Acetate
Concen: 0.371 ug/l
RT: 6.367 min Scan# 861
Delta R.T. 0.031 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

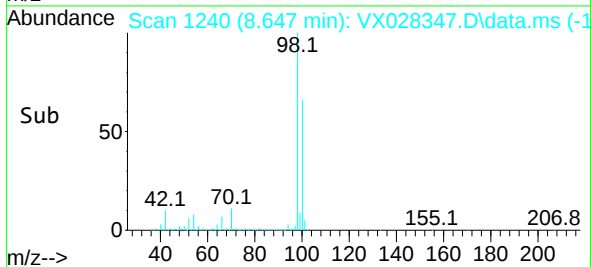
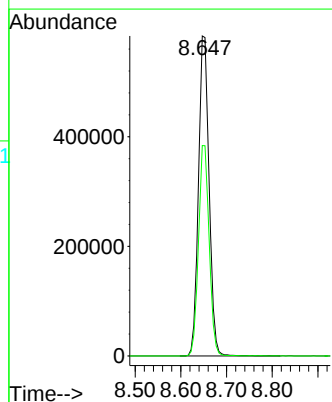
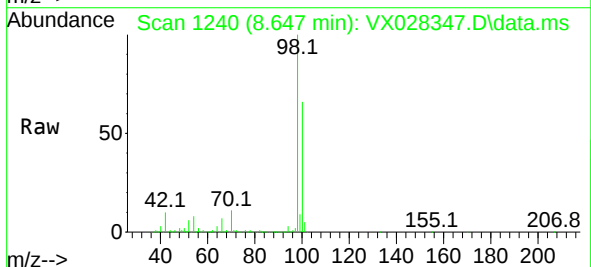


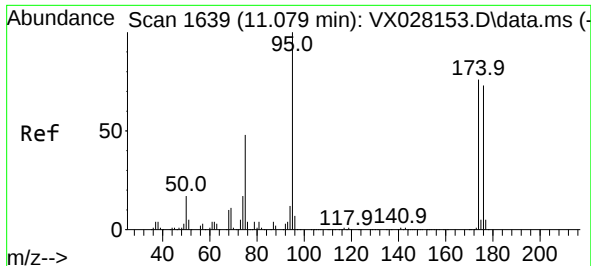
Tgt Ion: 43 Resp: 4695
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 41.742 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 98 Resp: 942940
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

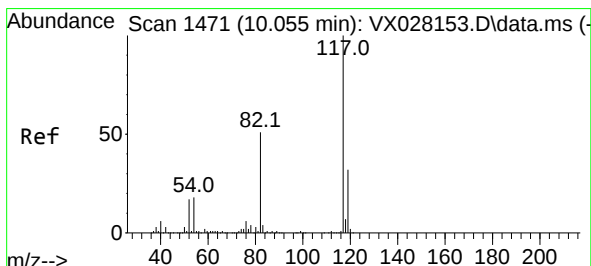
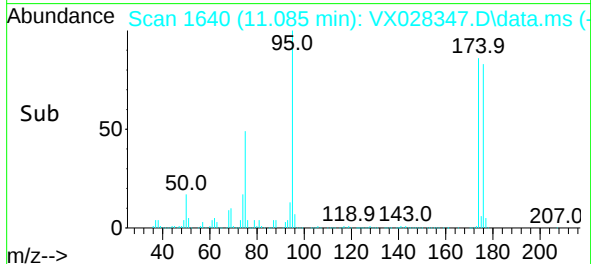
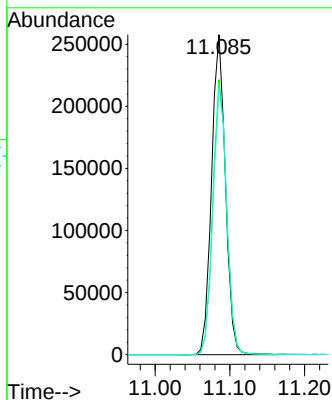
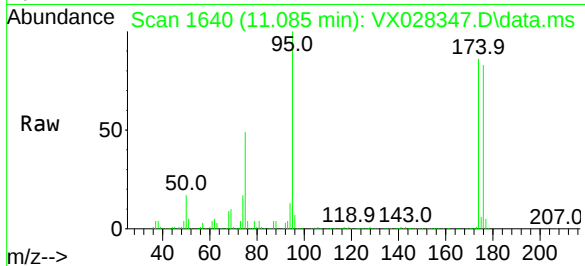




#62
4-Bromofluorobenzene
Concen: 38.483 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

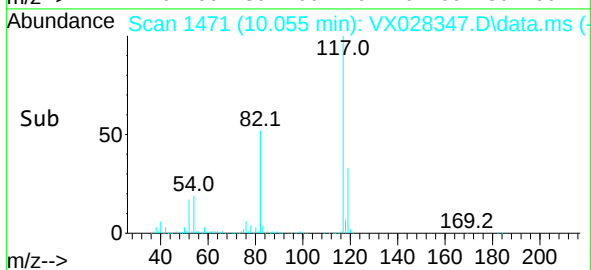
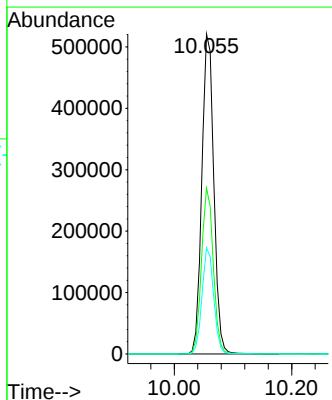
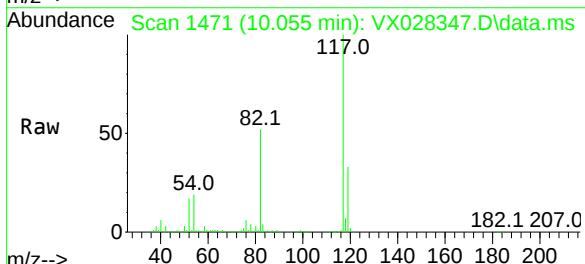
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

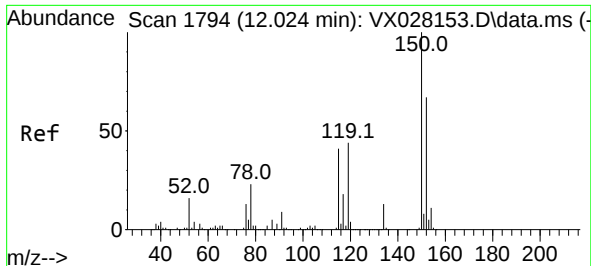
Tgt Ion: 95 Resp: 332384
Ion Ratio Lower Upper
95 100
174 86.1 0.0 163.0
176 84.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 117 Resp: 738701
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 33.2 24.8 37.2

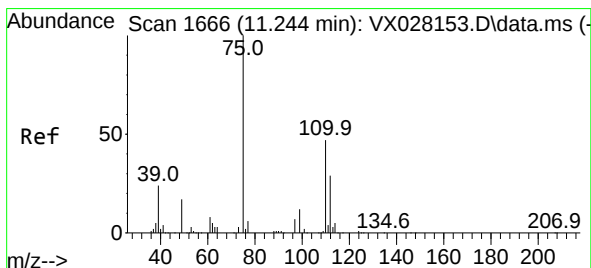
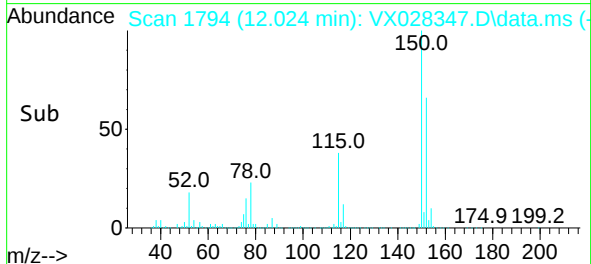
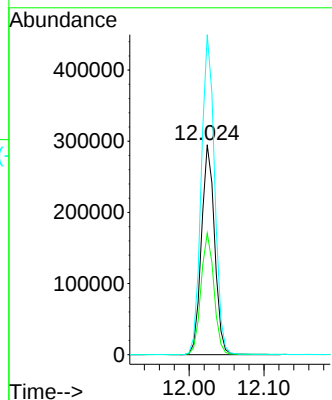
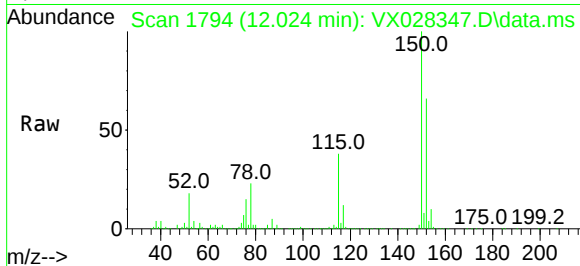




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

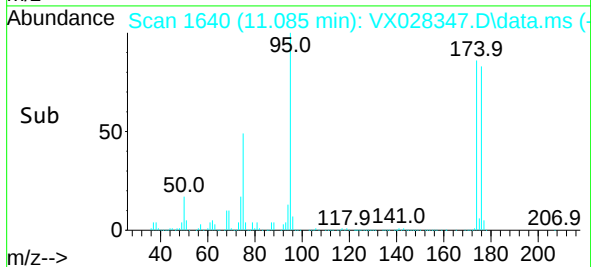
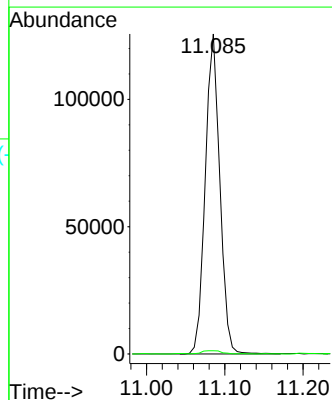
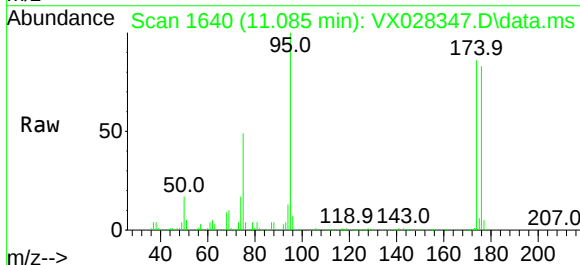
Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

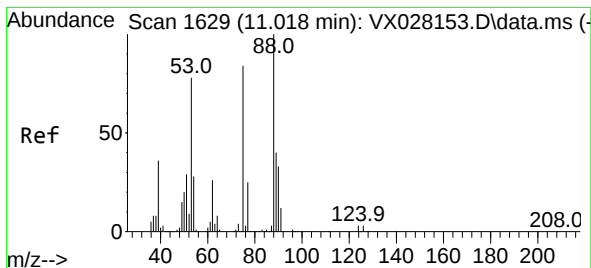
Tgt Ion:152 Resp: 360914
Ion Ratio Lower Upper
152 100
115 56.7 37.5 112.7
150 154.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.784 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 75 Resp: 161838
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#

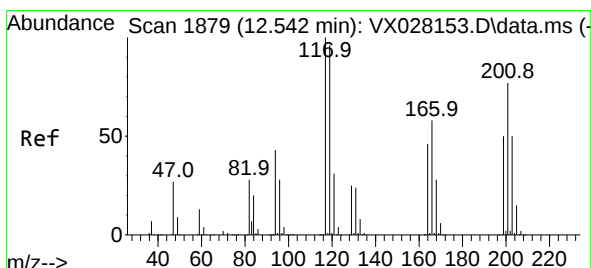
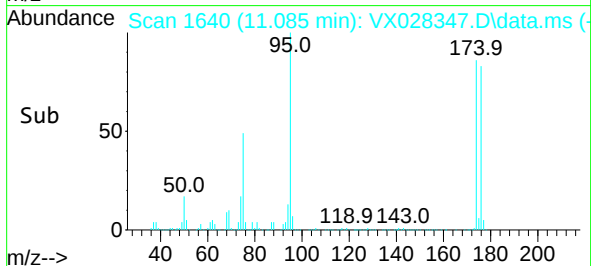
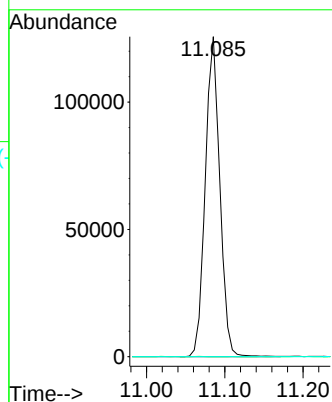
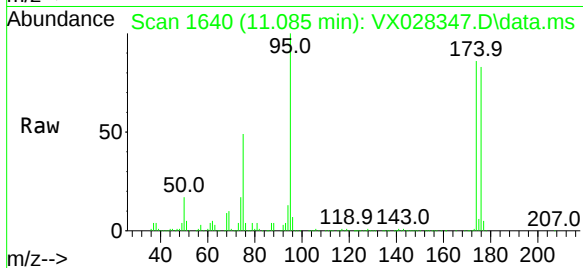




#81
trans-1,4-Dichloro-2-butene
Concen: 67.709 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
RBR-2520253ME

Tgt Ion: 75 Resp: 161838
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.839 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX028347.D
Acq: 26 Apr 2022 14:16

Tgt Ion: 117 Resp: 105
Ion Ratio Lower Upper
117 100
201 100.0 39.5 118.5

