

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028332.D
 Acq On : 25 Apr 2022 17:35
 Operator : JC/MD
 Sample : N2476-01ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAT-01-041922ME

Quant Time: Apr 26 08:13:18 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

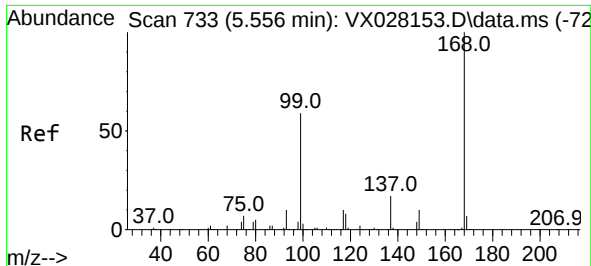
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	481036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	781294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	693047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	330088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	260590	41.547	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.100%		
35) Dibromofluoromethane	5.391	113	237384	43.325	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.640%		
50) Toluene-d8	8.653	98	897607	42.653	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	85.300%		
62) 4-Bromofluorobenzene	11.085	95	307306	38.191	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	76.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	840	Below Cal	#	65
5) Bromomethane	1.599	94	2098	Below Cal		88
6) Chloroethane	1.697	64	142	Below Cal	#	70
8) Diethyl Ether	2.142	74	79	Below Cal	#	52
10) Methyl Iodide	2.434	142	2848	5.713	ug/l	95
11) Tert butyl alcohol	2.947	59	4266	Below Cal	#	76
16) Acetone	2.355	43	154	Below Cal	#	39
18) Methyl Acetate	2.733	43	1581	0.284	ug/l	# 78
20) Methylene Chloride	2.788	84	1738	0.373	ug/l	# 94
29) Tetrahydrofuran	5.050	42	944	0.390	ug/l	# 71
31) Cyclohexane	5.556	56	8979	1.175	ug/l	# 21
36) 1,1-Dichloropropene	5.550	75	33912	4.745	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	45944	5.694	ug/l	# 14
41) Methacrylonitrile	5.056	41	927	0.248	ug/l	# 28
43) Isopropyl Acetate	6.373	43	5582	0.473	ug/l	# 56
76) 1,2,3-Trichloropropane	11.085	75	151425	23.309	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	151425	69.269	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	978	0.334	ug/l	87
95) Naphthalene	13.780	128	12244	0.560	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1403	0.218	ug/l	88

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

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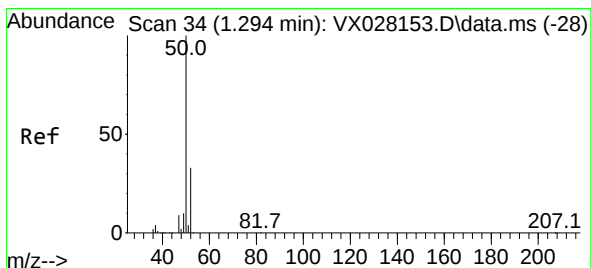
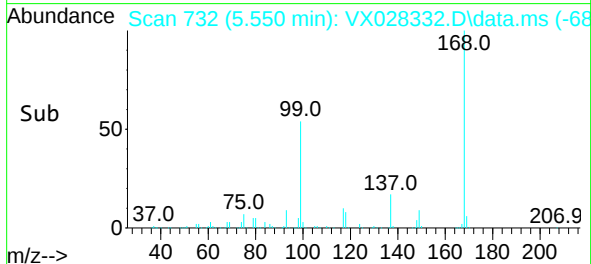
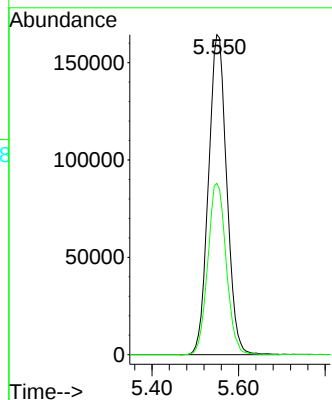
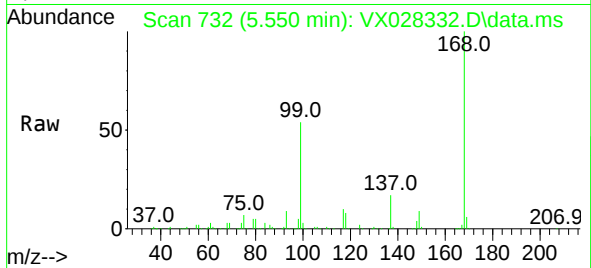




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

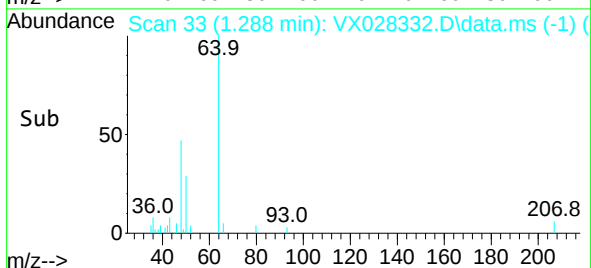
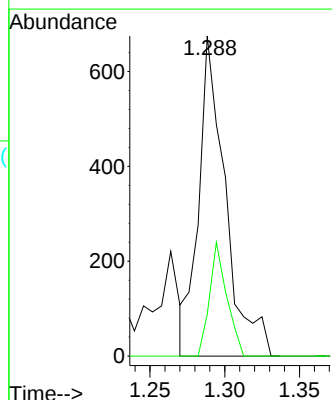
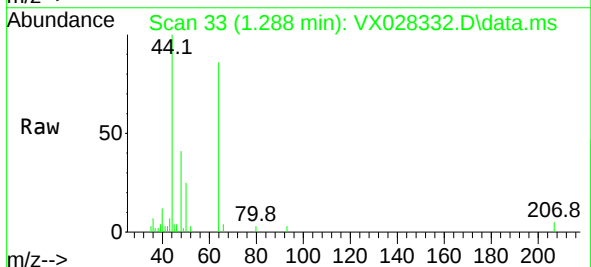
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

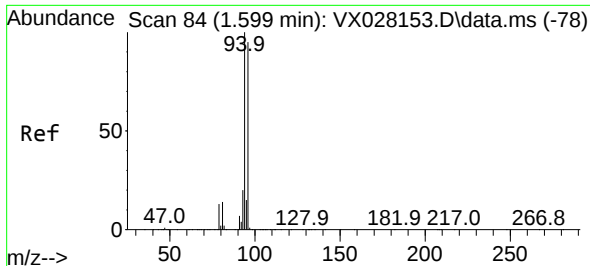
Tgt Ion:168 Resp: 481036
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion: 50 Resp: 840
Ion Ratio Lower Upper
50 100
52 13.0 26.4 39.6#

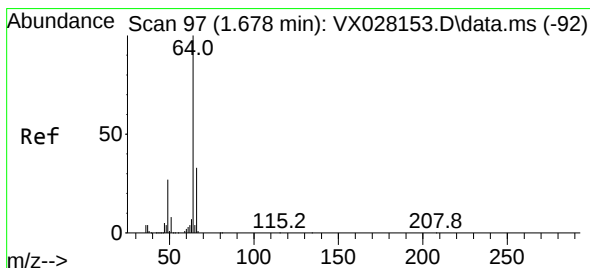
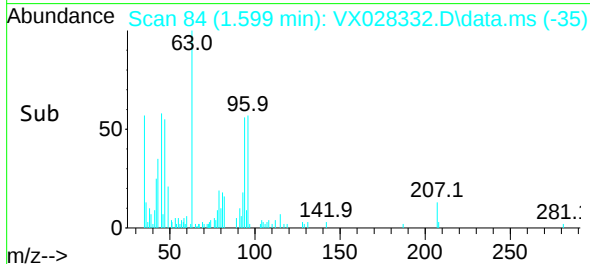
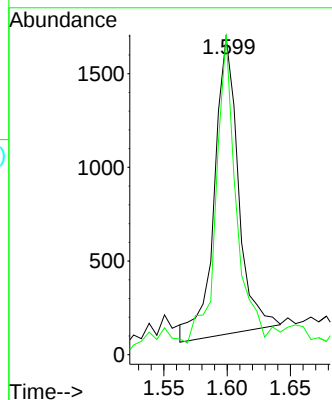
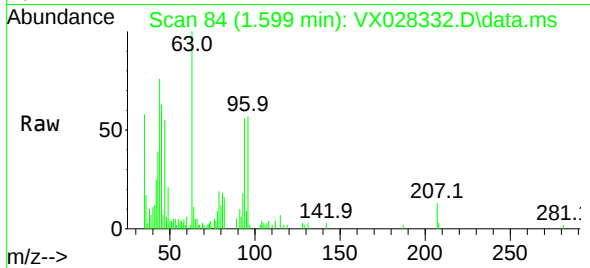




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

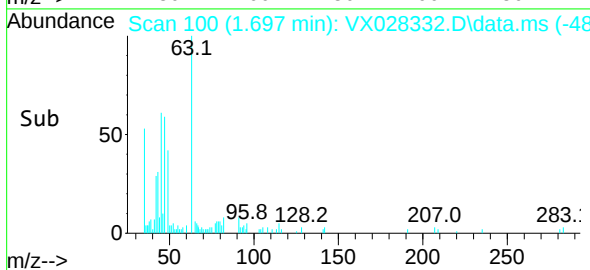
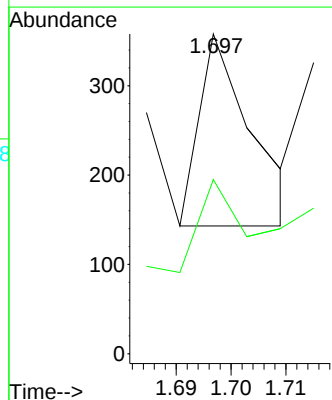
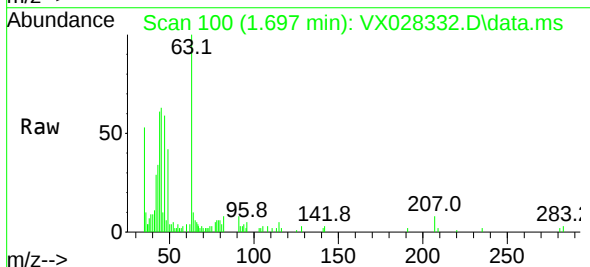
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

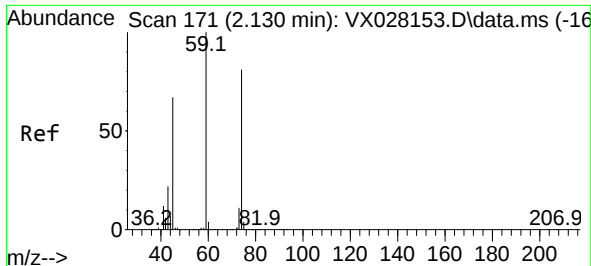
Tgt Ion: 94 Resp: 2098
Ion Ratio Lower Upper
94 100
96 105.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

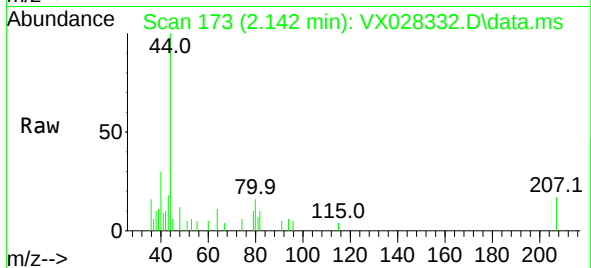
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 48.4 25.3 37.9



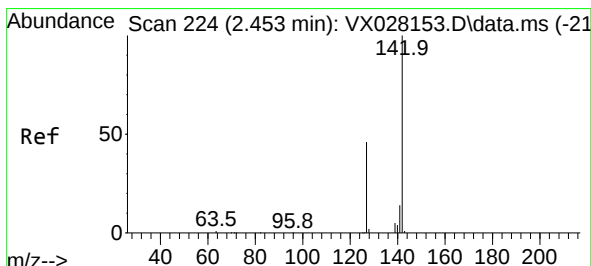
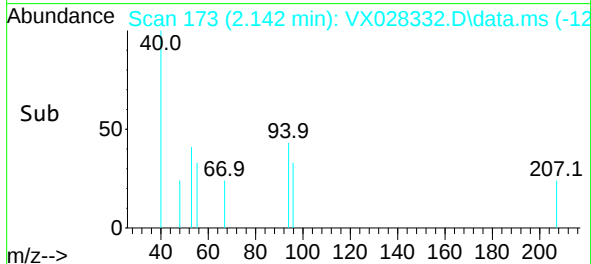
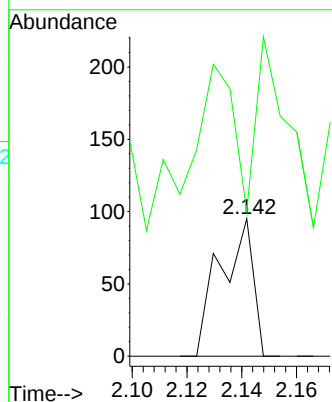


#8
Diethyl Ether
Concen: Below Cal
RT: 2.142 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

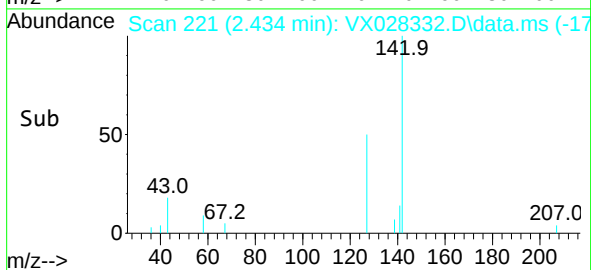
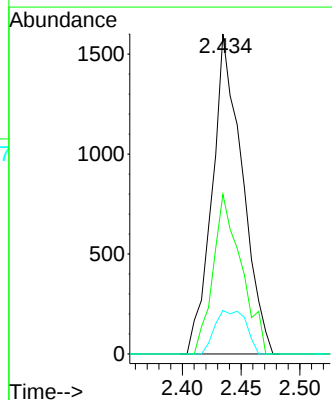
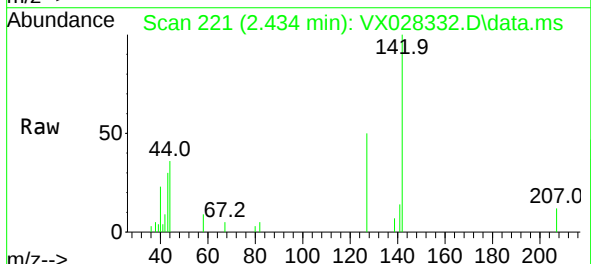


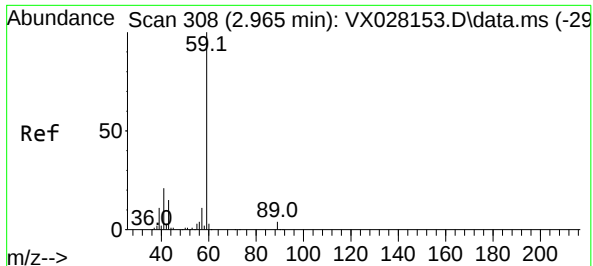
Tgt Ion: 74 Resp: 79
Ion Ratio Lower Upper
74 100
45 127.8 42.0 126.0#



#10
Methyl Iodide
Concen: 5.713 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion: 142 Resp: 2848
Ion Ratio Lower Upper
142 100
127 46.8 33.9 50.9
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX028332.D

Acq: 25 Apr 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

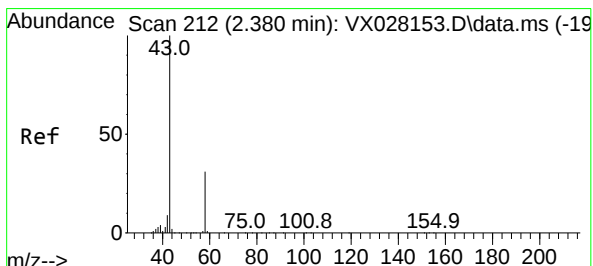
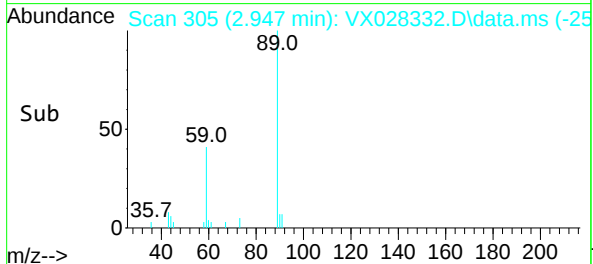
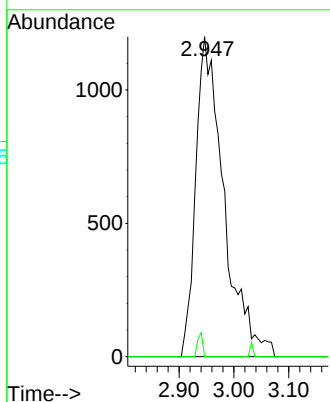
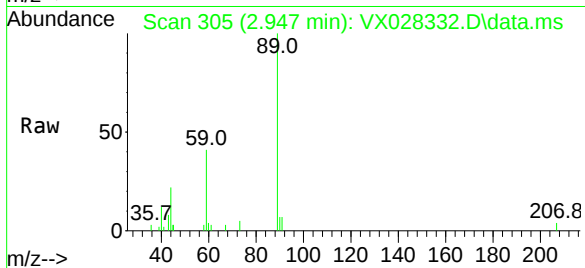
PAT-01-041922ME

Tgt Ion: 59 Resp: 4266

Ion Ratio Lower Upper

59 100

57 1.3 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.355 min Scan# 208

Delta R.T. -0.025 min

Lab File: VX028332.D

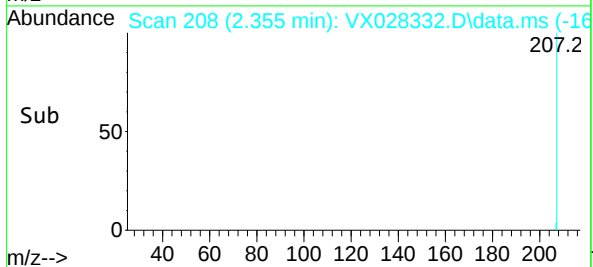
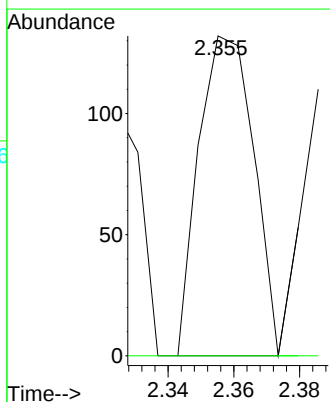
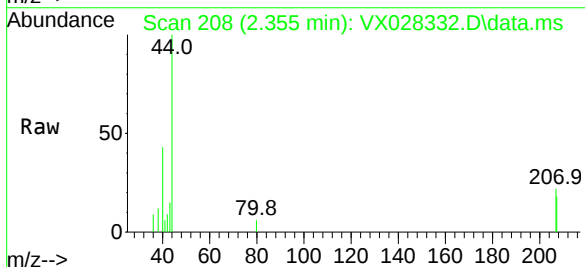
Acq: 25 Apr 2022 17:35

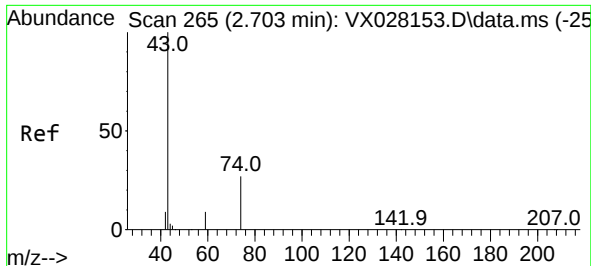
Tgt Ion: 43 Resp: 154

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

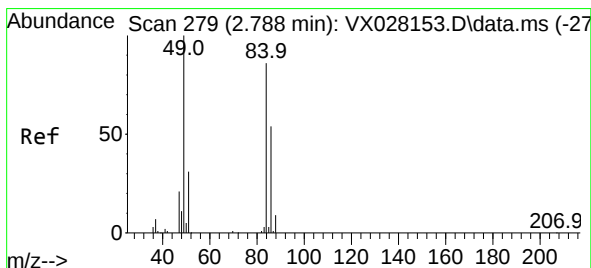
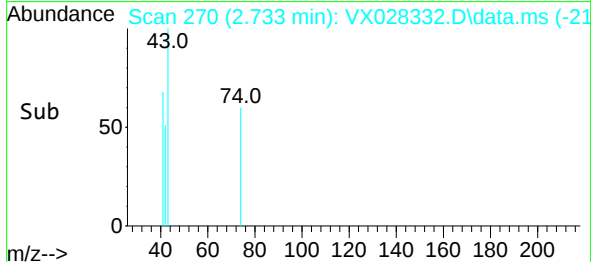
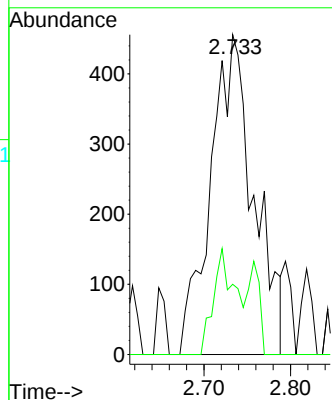
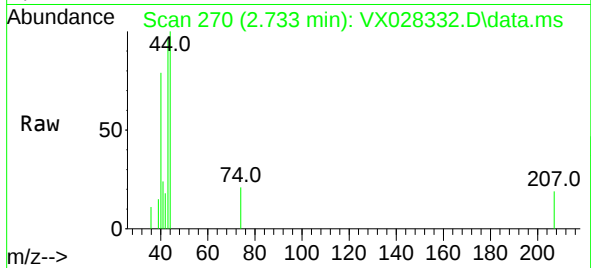




#18
Methyl Acetate
Concen: 0.284 ug/l
RT: 2.733 min Scan# 21
Delta R.T. 0.030 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

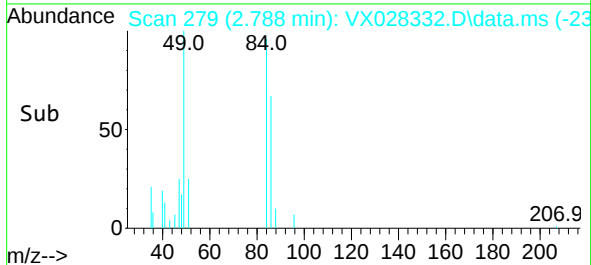
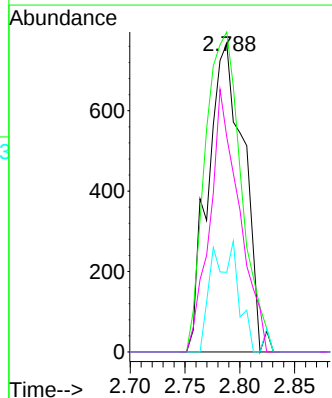
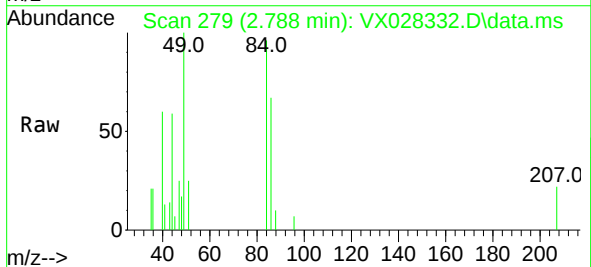
Instrument :
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ClientSampleId :
PAT-01-041922ME

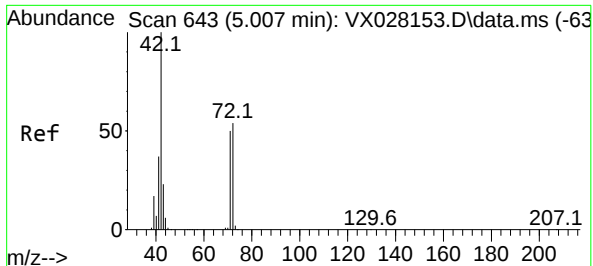
Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
74 16.7 22.8 34.2#



#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion: 84 Resp: 1738
Ion Ratio Lower Upper
84 100
49 103.8 85.5 128.3
51 25.8 26.6 39.8#
86 69.8 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.390 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX028332.D

Acq: 25 Apr 2022 17:35

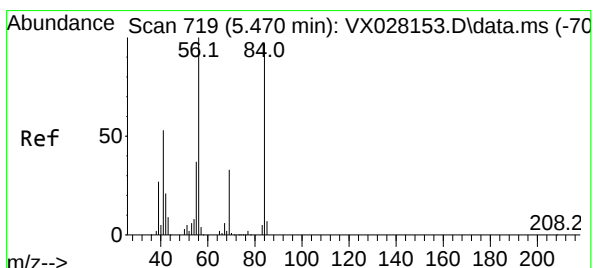
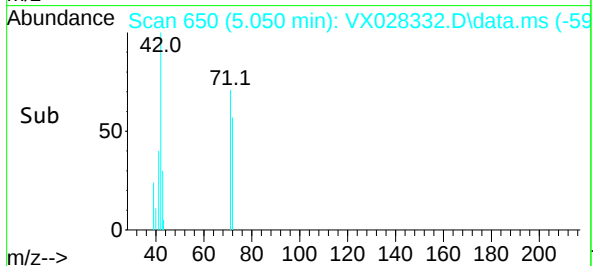
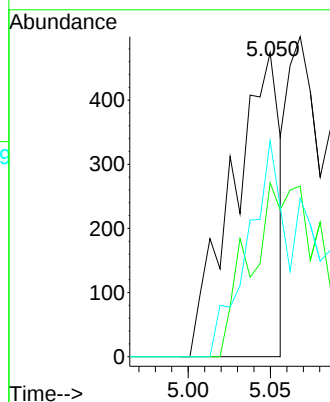
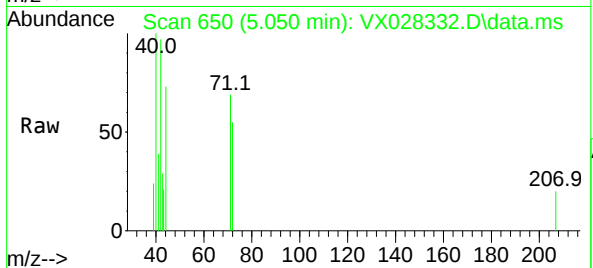
Instrument :

MSVOA_X

ClientSampleId :

PAT-01-041922ME

Tgt Ion:	42	Resp:	944
Ion	Ratio	Lower	Upper
42	100		
72	91.2	44.1	66.1#
71	54.2	40.5	60.7



#31

Cyclohexane

Concen: 1.175 ug/l

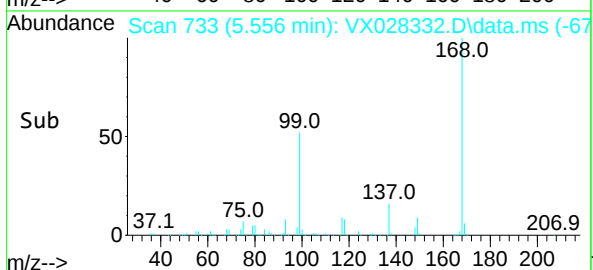
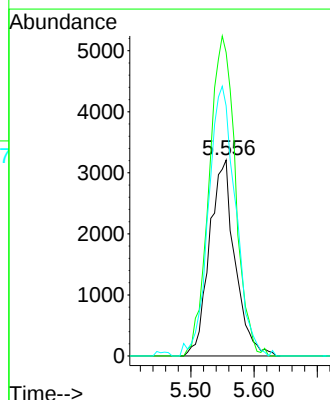
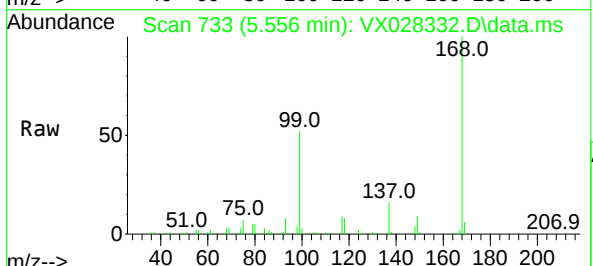
RT: 5.556 min Scan# 733

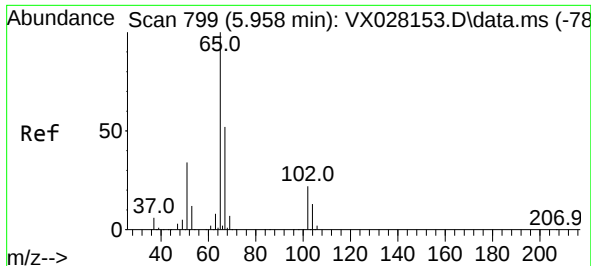
Delta R.T. 0.086 min

Lab File: VX028332.D

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Tgt Ion:	56	Resp:	8979
Ion	Ratio	Lower	Upper
56	100		
69	155.0	26.7	40.1#
84	127.8	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 41.547 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028332.D

Acq: 25 Apr 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

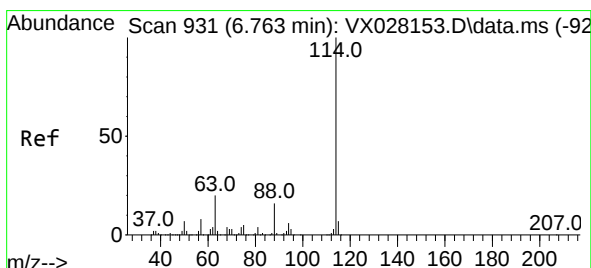
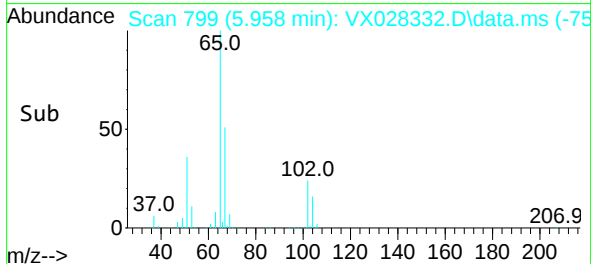
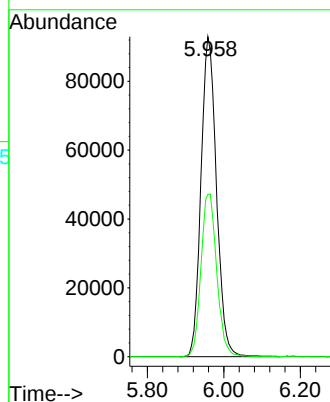
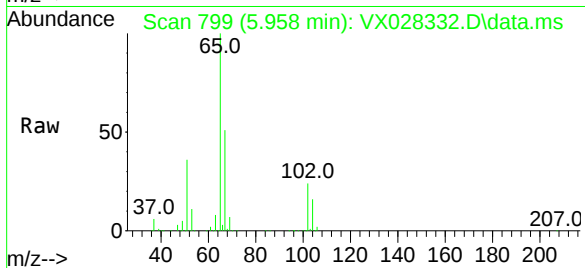
PAT-01-041922ME

Tgt Ion: 65 Resp: 260590

Ion Ratio Lower Upper

65 100

67 51.7 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: VX028332.D

Acq: 25 Apr 2022 17:35

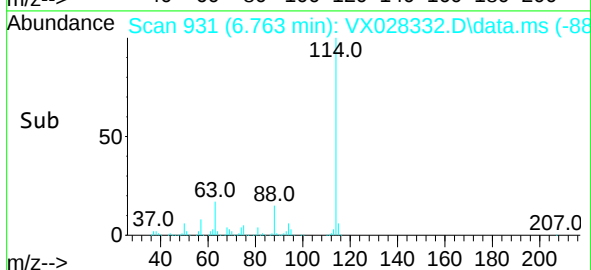
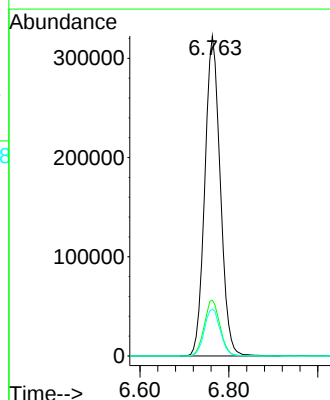
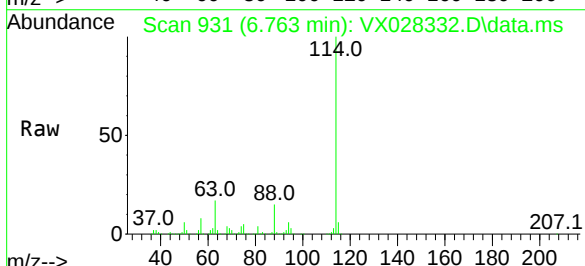
Tgt Ion: 114 Resp: 781294

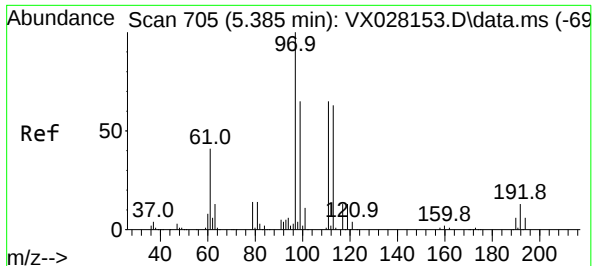
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

88 14.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 43.325 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028332.D

Acq: 25 Apr 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

PAT-01-041922ME

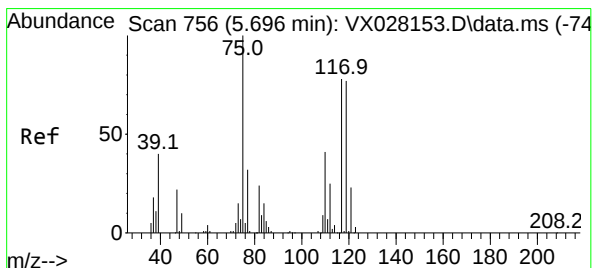
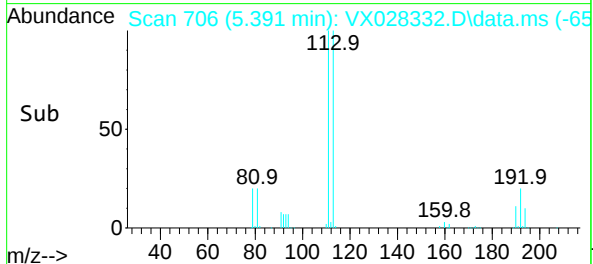
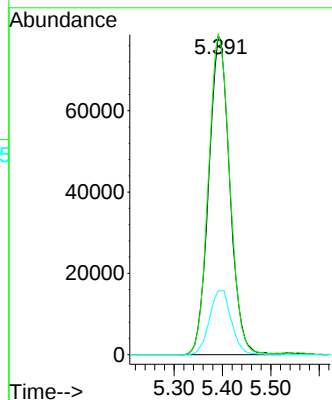
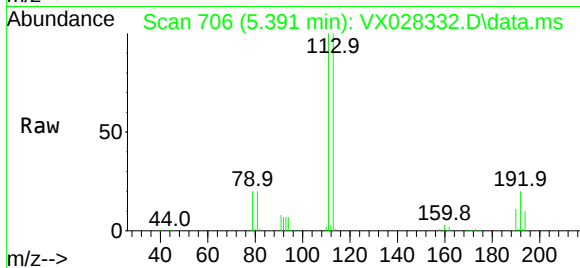
Tgt Ion:113 Resp: 237384

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 21.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028332.D

Acq: 25 Apr 2022 17:35

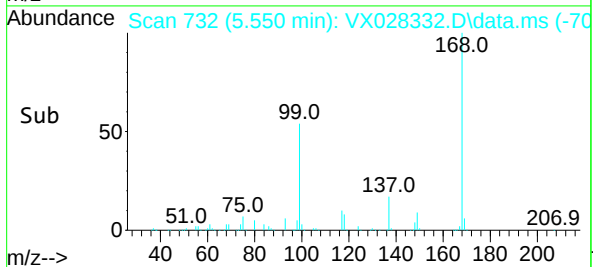
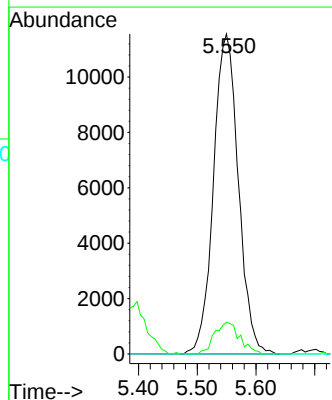
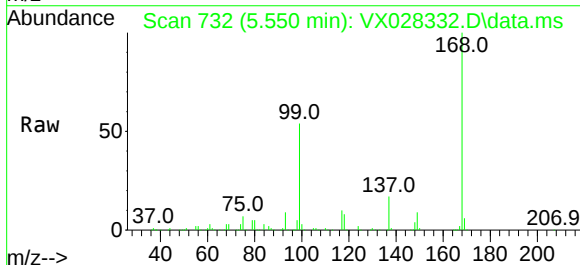
Tgt Ion: 75 Resp: 33912

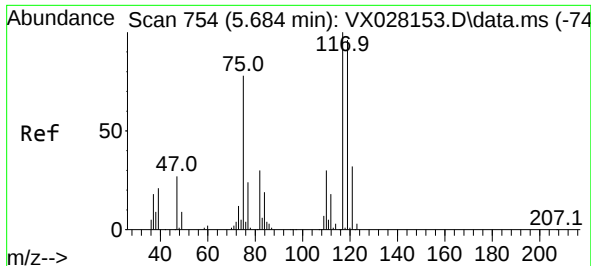
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#

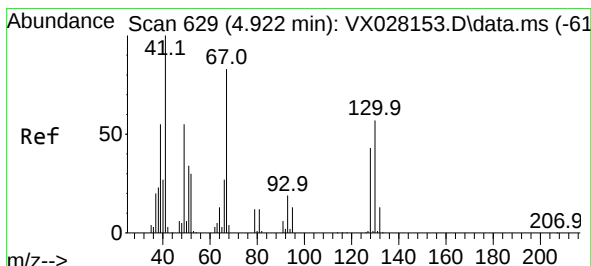
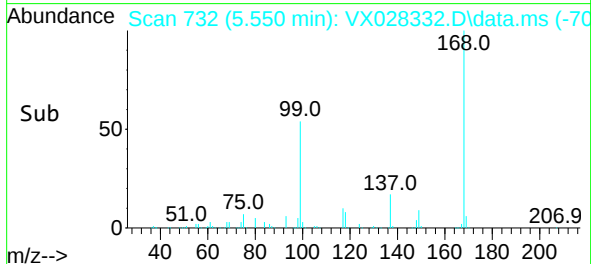
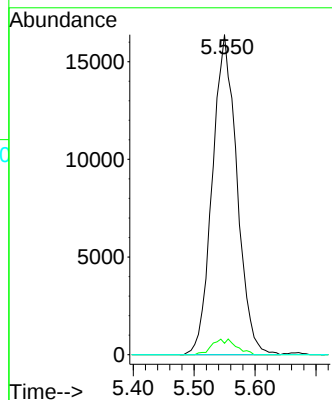
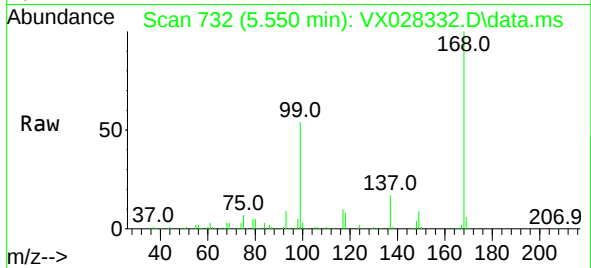




#38
Carbon Tetrachloride
Concen: 5.694 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

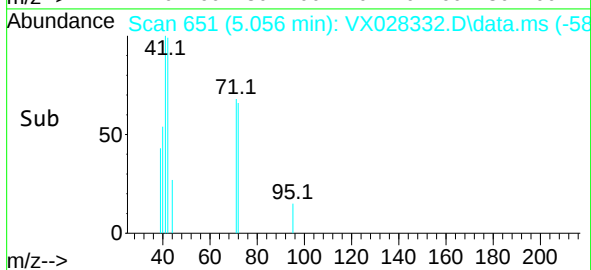
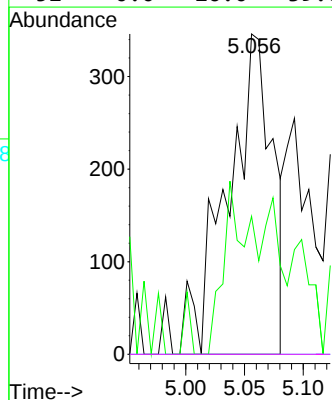
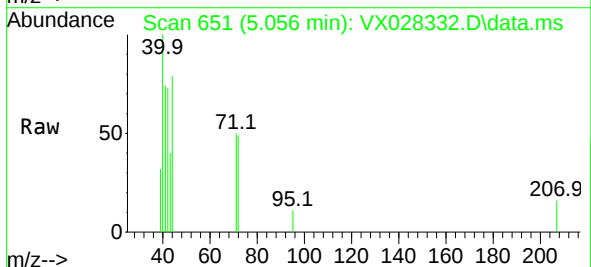
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

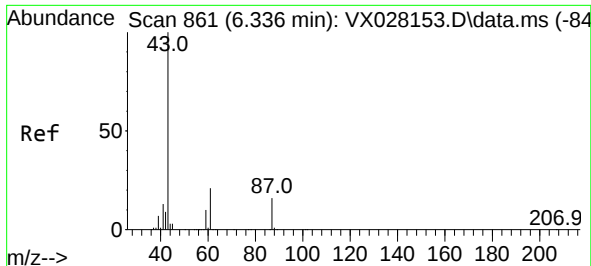
Tgt Ion:117 Resp: 45944
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.248 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.134 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion: 41 Resp: 927
Ion Ratio Lower Upper
41 100
39 22.5 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

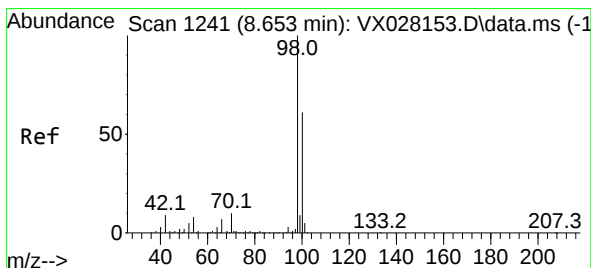
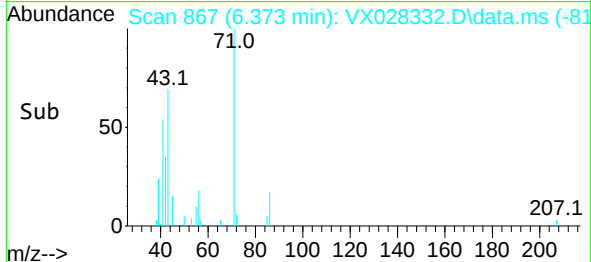
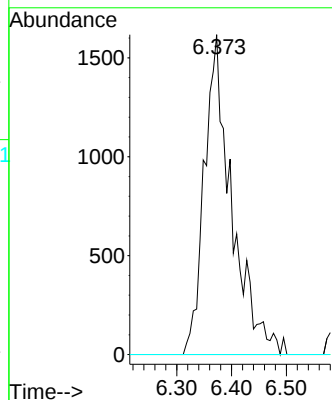
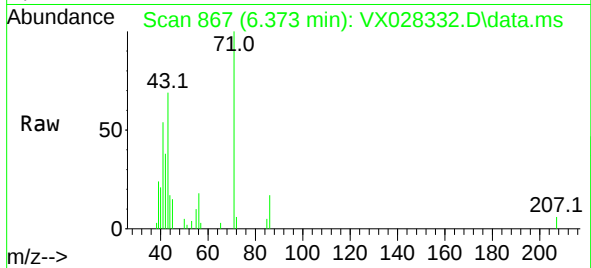




#43
Isopropyl Acetate
Concen: 0.473 ug/l
RT: 6.373 min Scan# 861
Delta R.T. 0.037 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

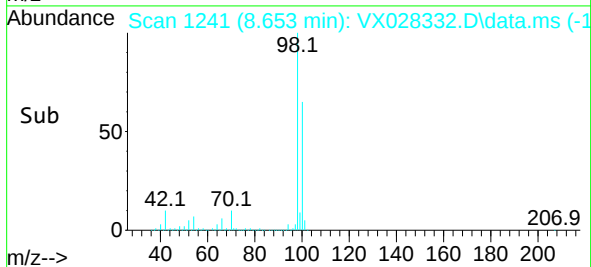
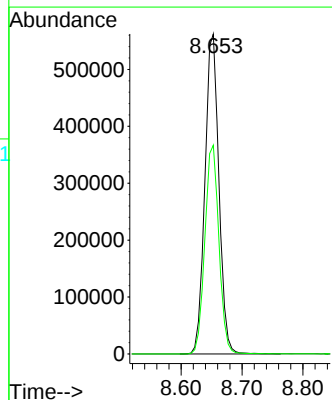
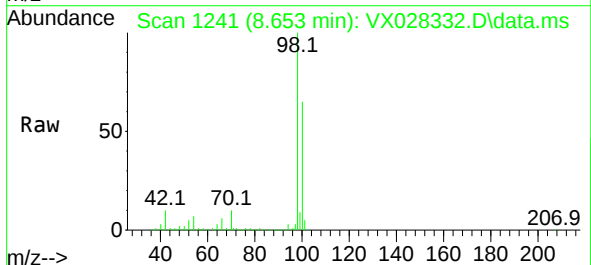
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

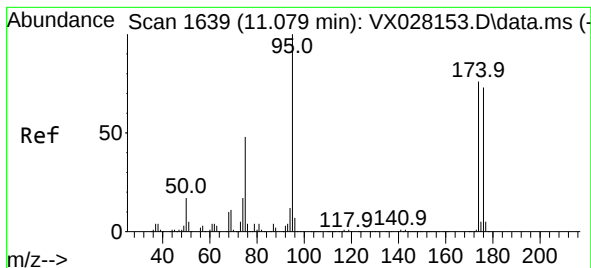
Tgt Ion: 43 Resp: 5582
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 42.653 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion: 98 Resp: 897607
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 38.191 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX028332.D

Acq: 25 Apr 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

PAT-01-041922ME

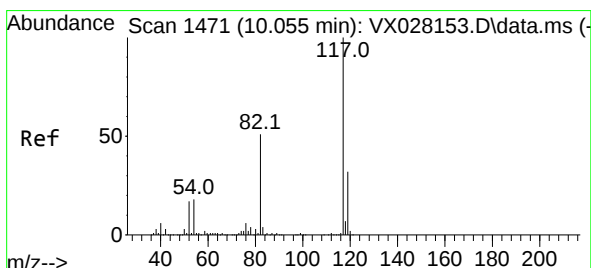
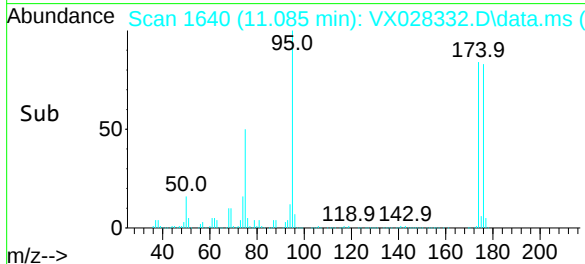
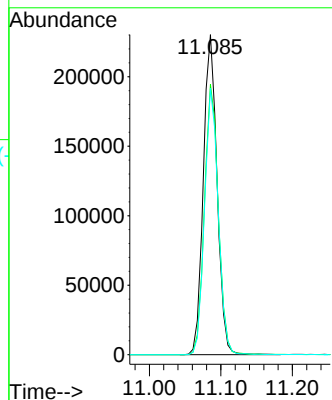
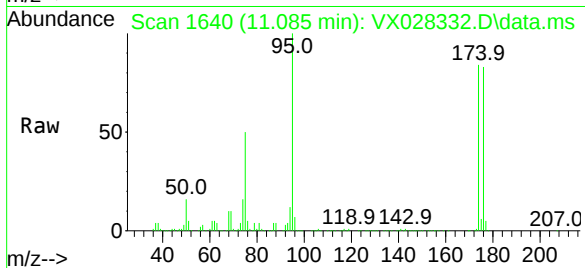
Tgt Ion: 95 Resp: 307306

Ion Ratio Lower Upper

95 100

174 85.2 0.0 163.0

176 82.9 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: VX028332.D

Acq: 25 Apr 2022 17:35

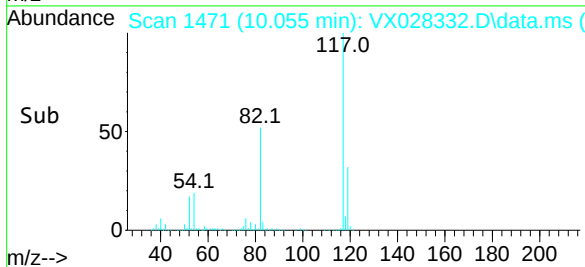
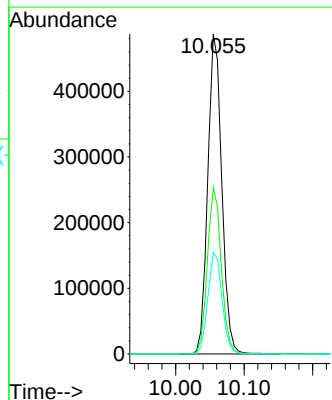
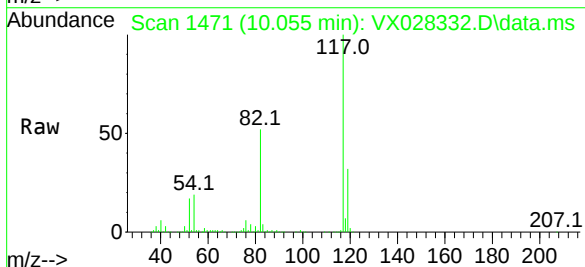
Tgt Ion: 117 Resp: 693047

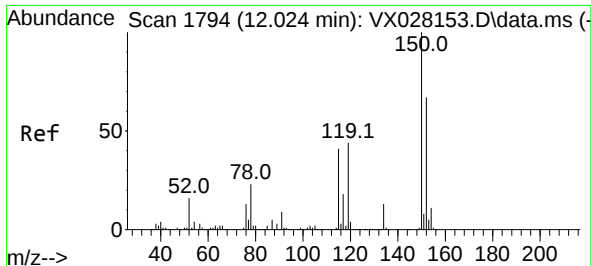
Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

119 31.7 24.8 37.2

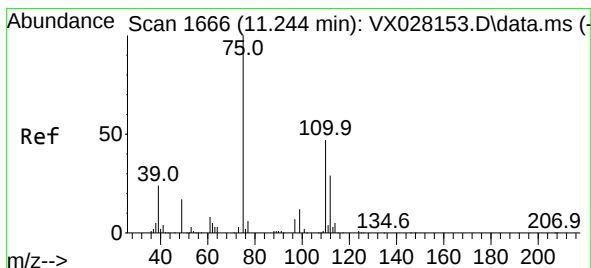
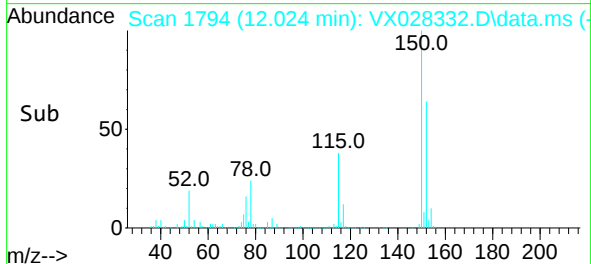
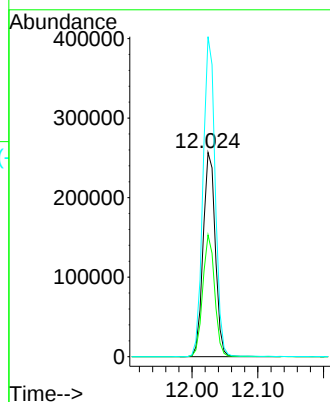
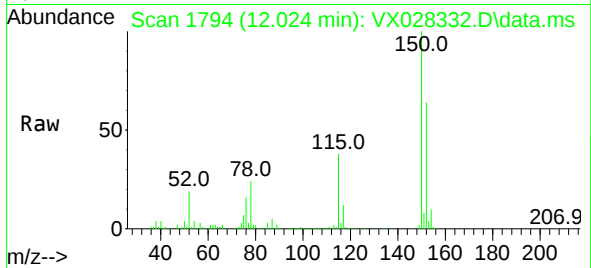




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

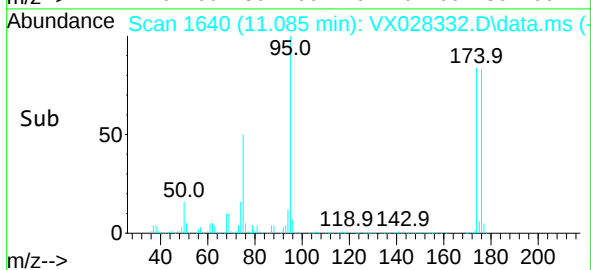
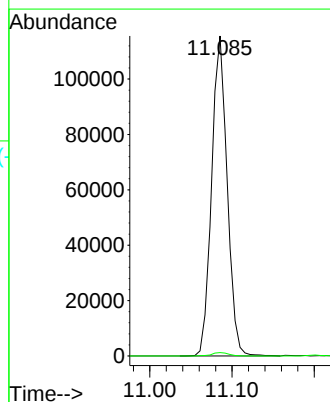
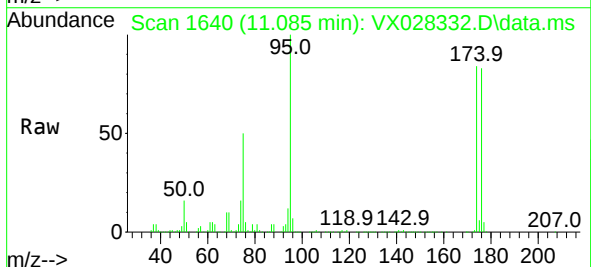
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

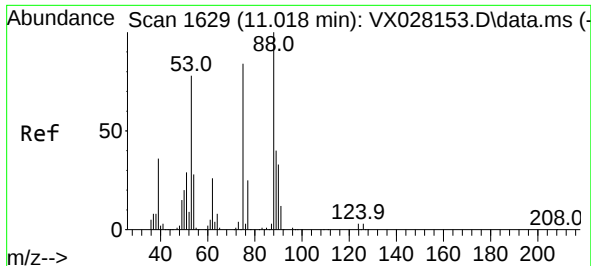
Tgt Ion:152 Resp: 330088
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 156.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.309 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion: 75 Resp: 151425
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

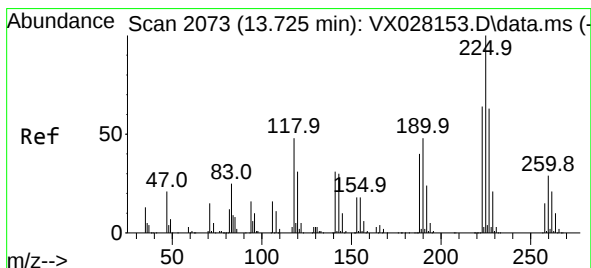
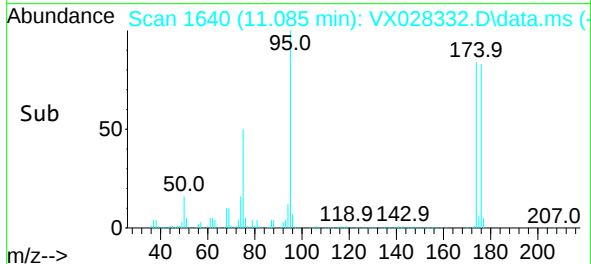
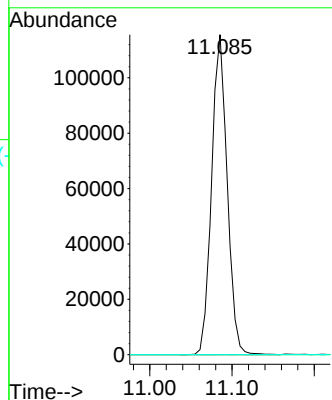
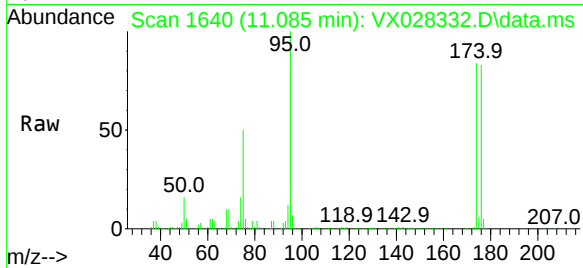




#81
trans-1,4-Dichloro-2-butene
Concen: 69.269 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

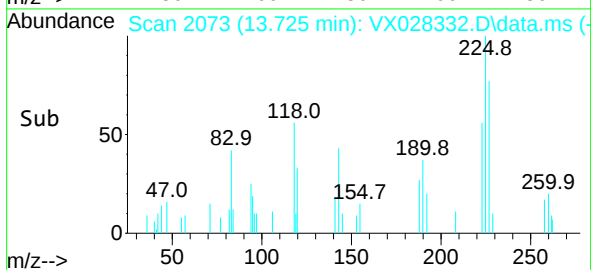
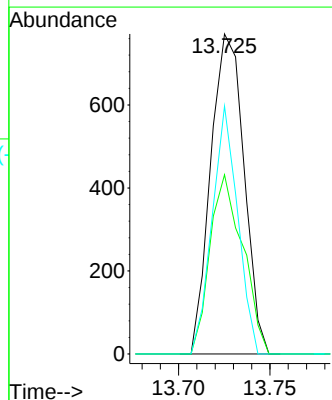
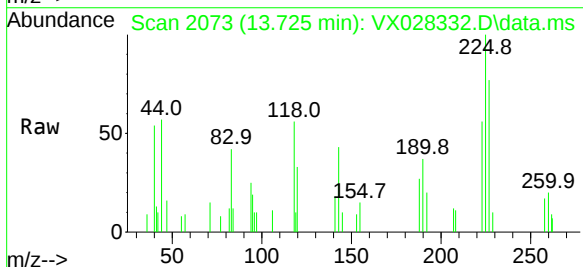
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

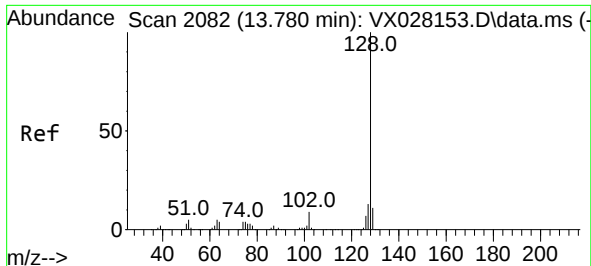
Tgt Ion: 75 Resp: 151425
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.334 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion: 225 Resp: 978
Ion Ratio Lower Upper
225 100
223 55.2 34.2 102.5
227 59.3 33.9 101.7

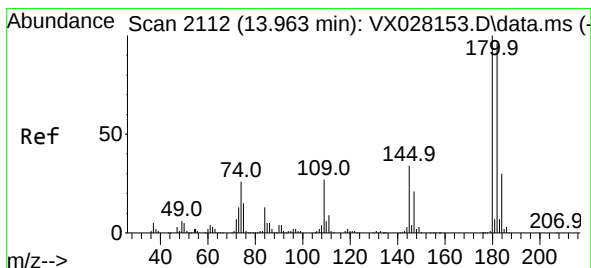
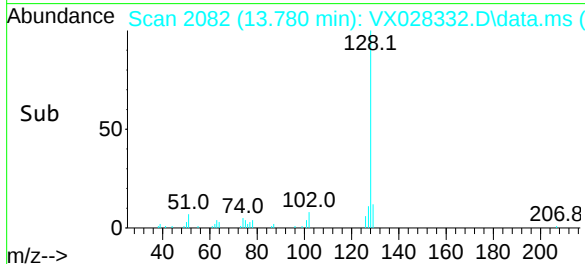
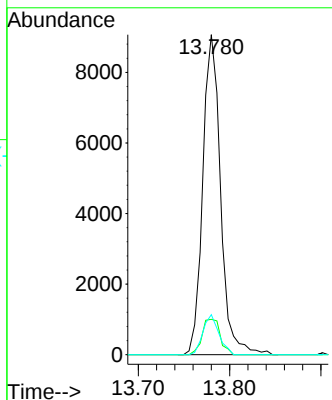
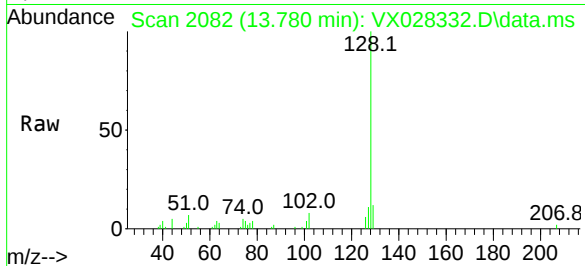




#95
Naphthalene
Concen: 0.560 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922ME

Tgt Ion:	128	Resp:	12244
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.2	15.4
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028332.D
Acq: 25 Apr 2022 17:35

Tgt Ion:	180	Resp:	1403
Ion	Ratio	Lower	Upper
180	100		
182	88.8	50.0	149.8
145	24.3	16.2	48.5

