

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028346.D
 Acq On : 26 Apr 2022 13:53
 Operator : JC/MD
 Sample : N2553-01ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 370ME

Quant Time: Apr 27 02:04:19 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)

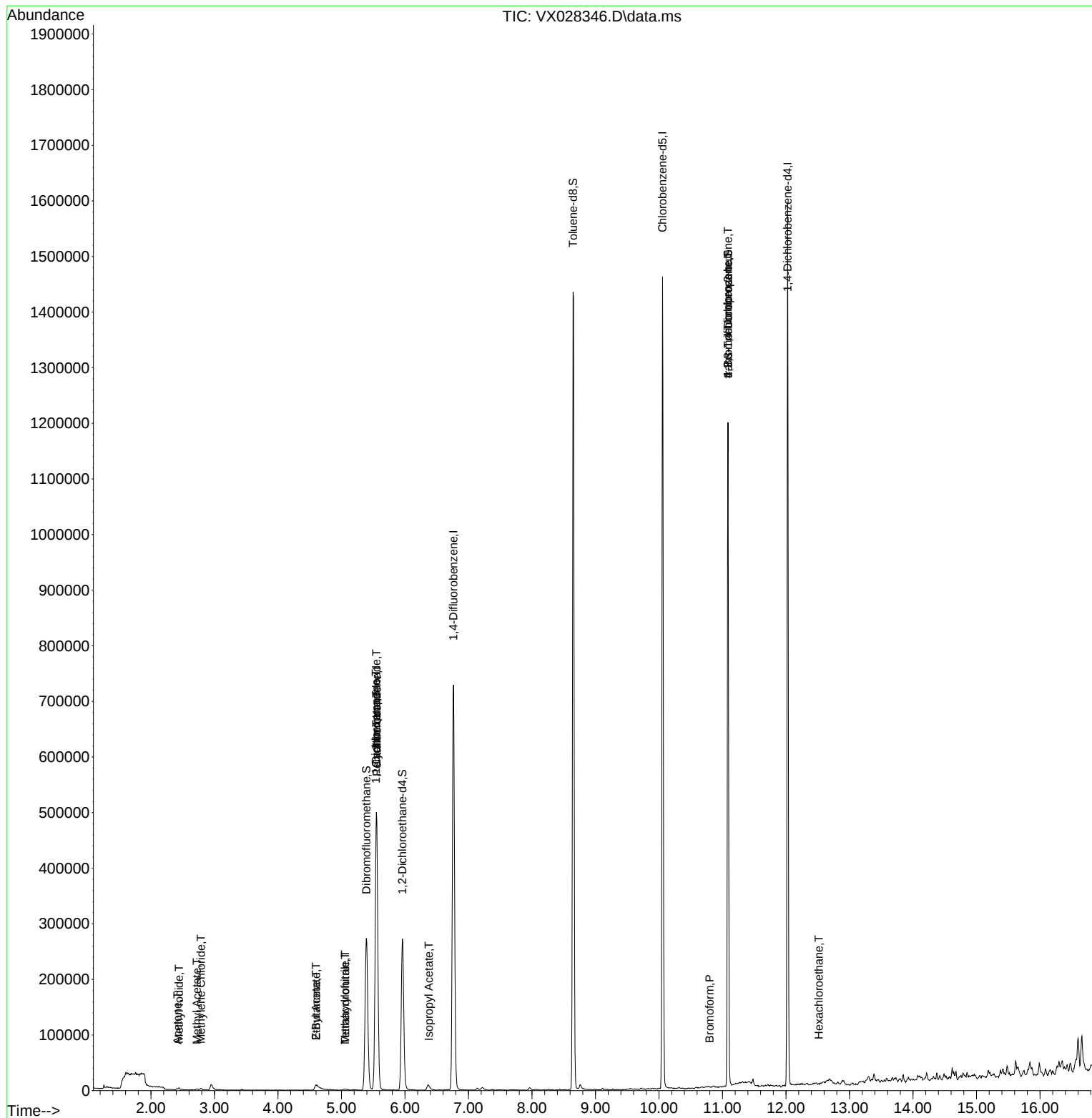
Internal Standards						
1) Pentafluorobenzene	5.556	168	520921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	814760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	711033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	345479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	266932	39.300	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	78.600%		
35) Dibromofluoromethane	5.391	113	246011	43.055	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.120%		
50) Toluene-d8	8.647	98	914268	41.660	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	83.320%		
62) 4-Bromofluorobenzene	11.085	95	317170	37.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	75.600%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	527	Below Cal	#	28
5) Bromomethane	1.605	94	2754	Below Cal		95
6) Chloroethane	1.673	64	159	Below Cal	#	43
8) Diethyl Ether	2.130	74	36	Below Cal	#	7
10) Methyl Iodide	2.441	142	2265	5.586	ug/l	98
11) Tert butyl alcohol	2.953	59	7544	Below Cal	#	73
16) Acetone	2.416	43	4027	0.548	ug/l	91
18) Methyl Acetate	2.721	43	2270	0.376	ug/l	100
20) Methylene Chloride	2.788	84	1233	0.245	ug/l #	80
25) 2-Butanone	4.599	43	29421	7.314	ug/l	100
29) Tetrahydrofuran	5.056	42	2202	0.840	ug/l #	56
31) Cyclohexane	5.550	56	8900	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	34640	4.648	ug/l #	50
37) Ethyl Acetate	4.599	43	29421	3.890	ug/l #	65
38) Carbon Tetrachloride	5.550	117	48031	5.709	ug/l #	15
41) Methacrylonitrile	5.056	41	850	0.218	ug/l #	38
43) Isopropyl Acetate	6.373	43	5524	0.449	ug/l #	56
71) Bromoform	10.799	173	72	3.588	ug/l #	29
76) 1,2,3-Trichloropropane	11.085	75	153187	22.530	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	153187	66.953	ug/l #	15
90) Hexachloroethane	12.518	117	139	1.848	ug/l	76

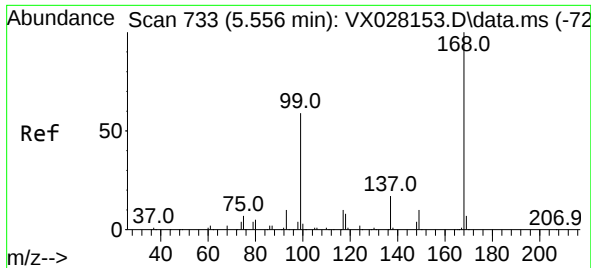
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

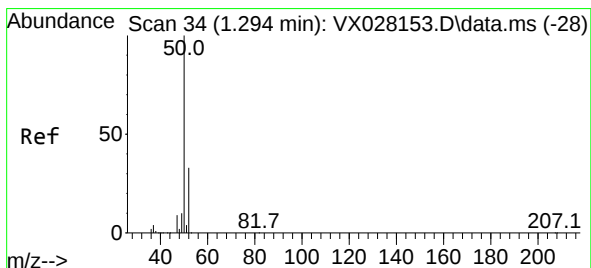
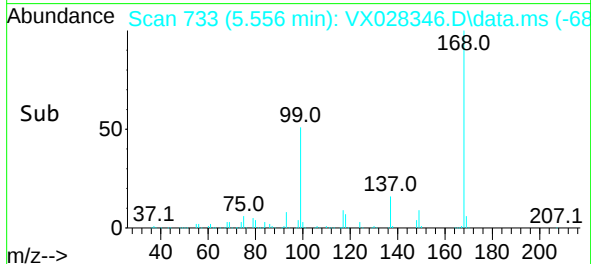
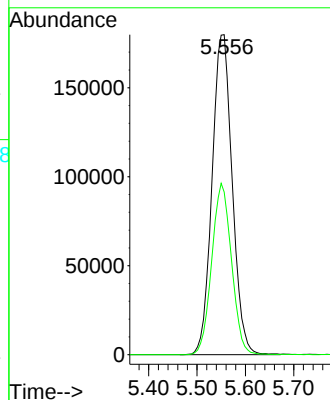
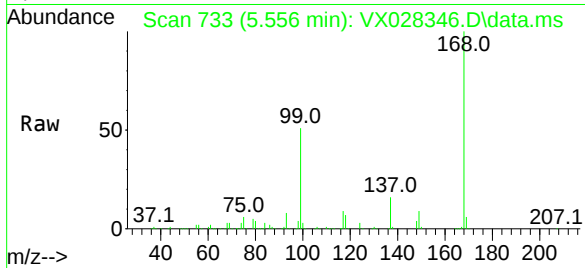




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

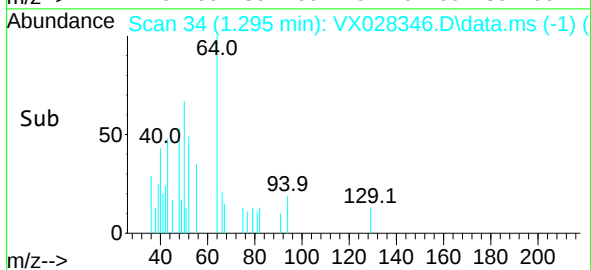
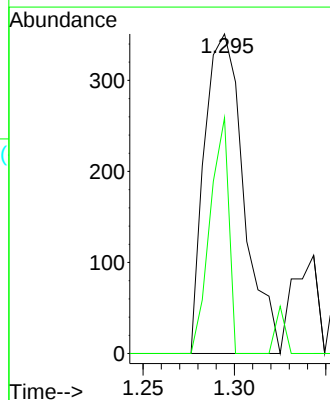
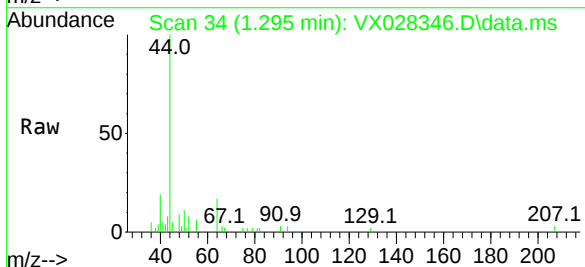
Instrument :
MSVOA_X
ClientSampleId :
370ME

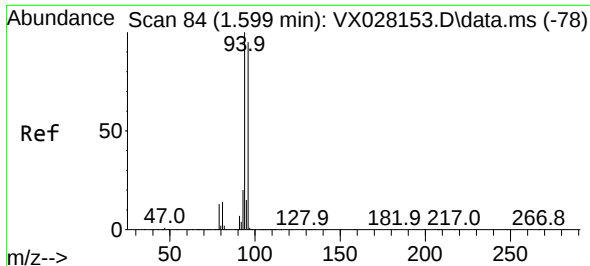
Tgt Ion:168 Resp: 520921
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 73.8 26.4 39.6#

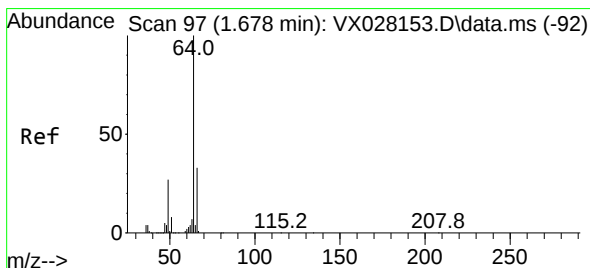
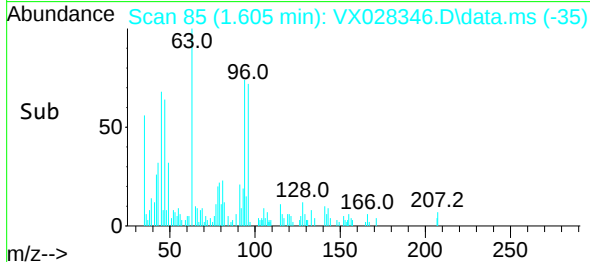
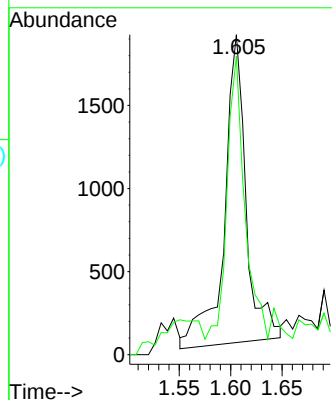
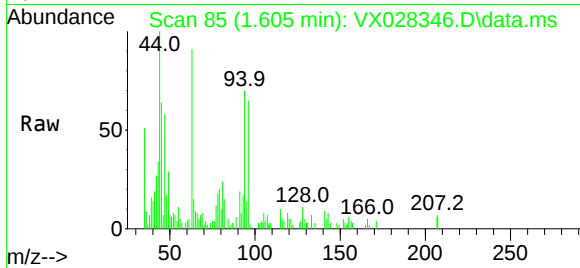




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

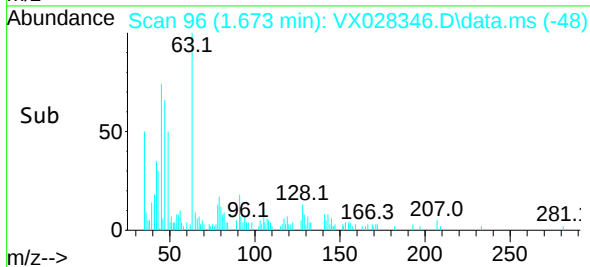
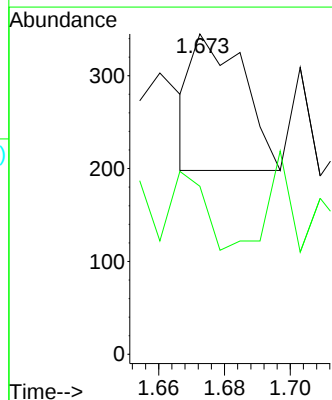
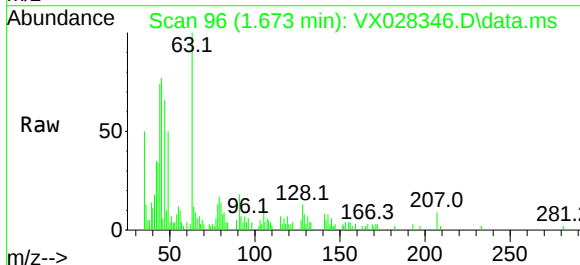
Instrument :
MSVOA_X
ClientSampleId :
370ME

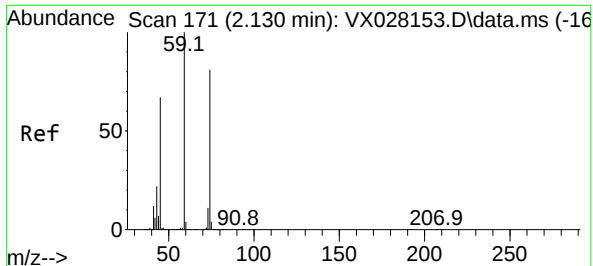
Tgt Ion: 94 Resp: 2754
Ion Ratio Lower Upper
94 100
96 89.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 96
Delta R.T. -0.005 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

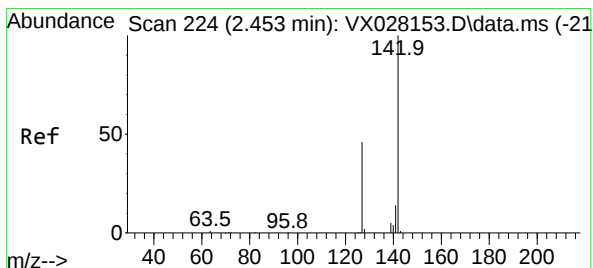
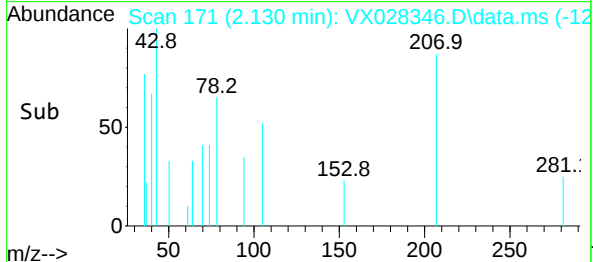
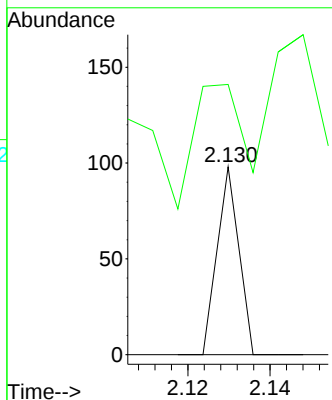
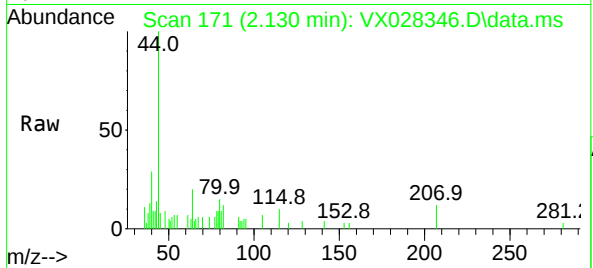




#8
Diethyl Ether
Concen: Below Cal
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

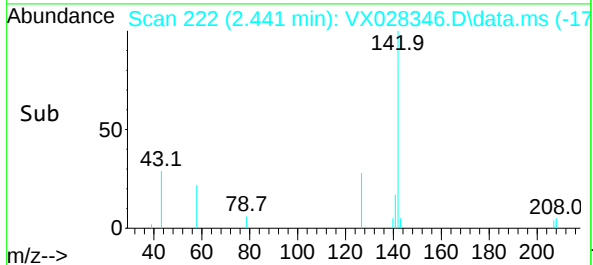
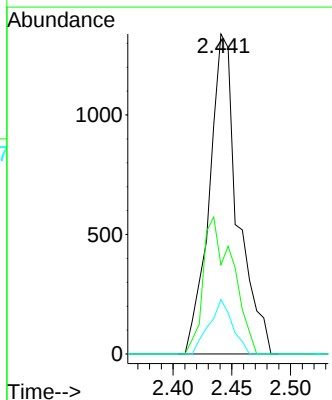
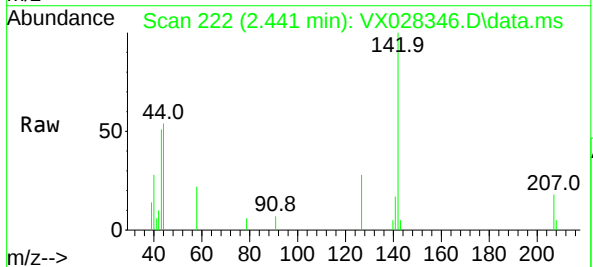
Instrument :
MSVOA_X
ClientSampleId :
370ME

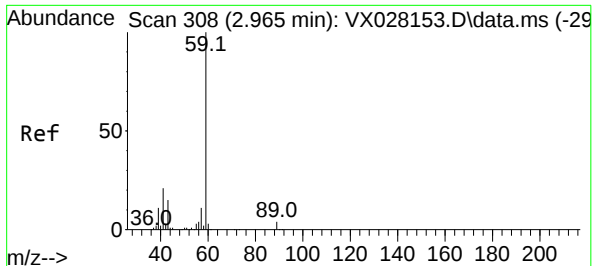
Tgt Ion: 74 Resp: 36
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.586 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 142 Resp: 2265
Ion Ratio Lower Upper
142 100
127 44.2 33.9 50.9
141 13.8 11.4 17.2

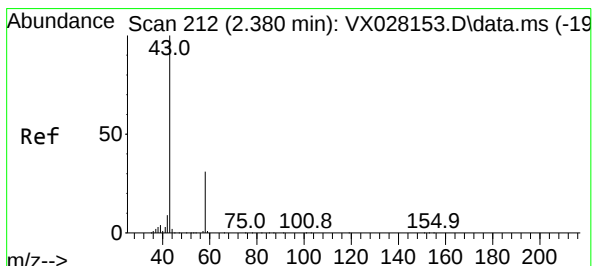
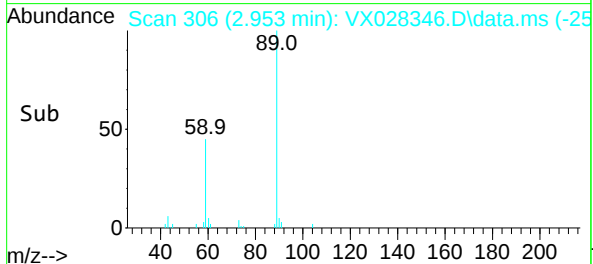
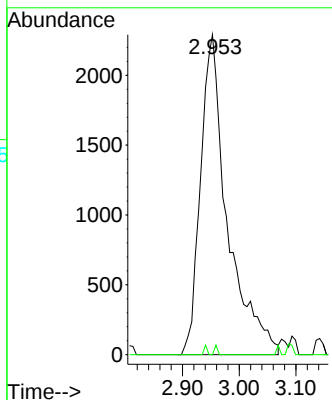
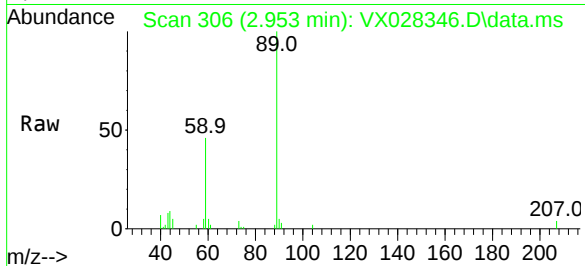




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

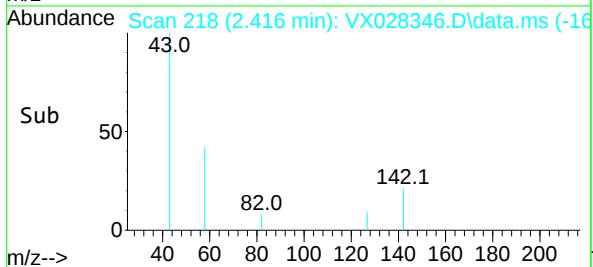
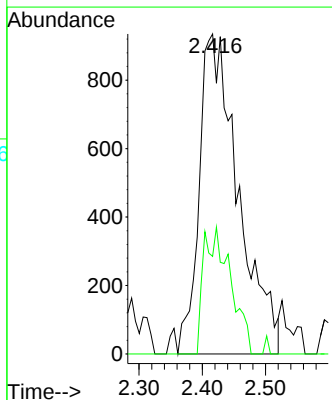
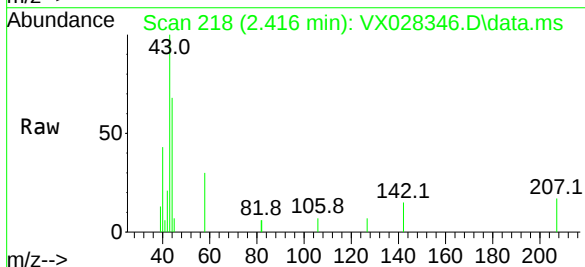
Instrument :
MSVOA_X
ClientSampleId :
370ME

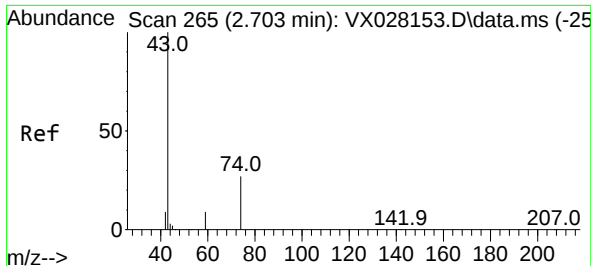
Tgt Ion: 59 Resp: 7544
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#



#16
Acetone
Concen: 0.548 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.036 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 30.5 28.8 43.2

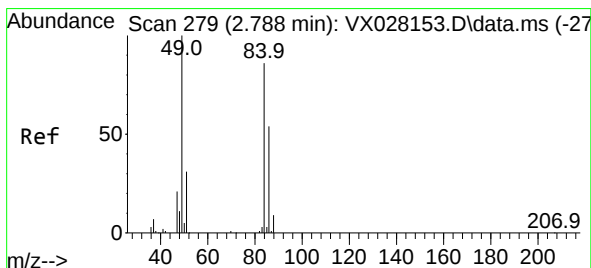
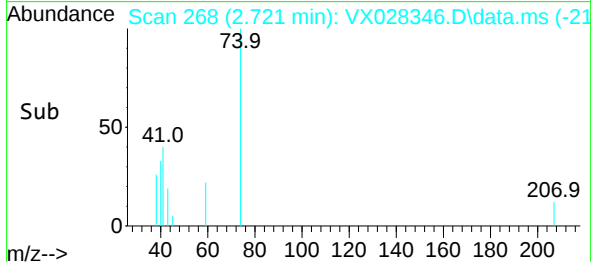
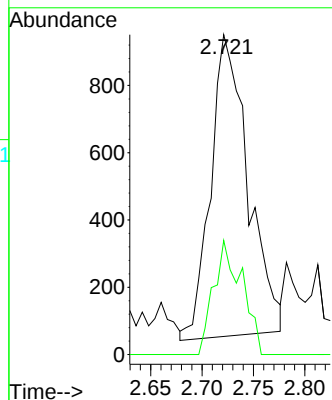
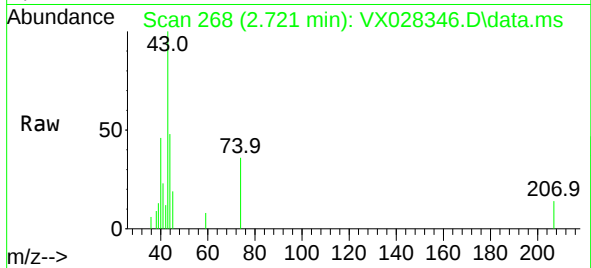




#18
Methyl Acetate
Concen: 0.376 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

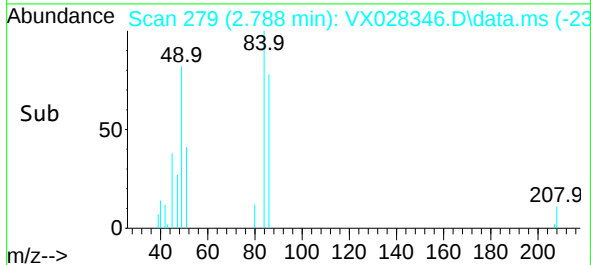
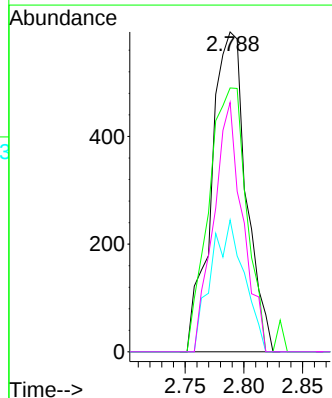
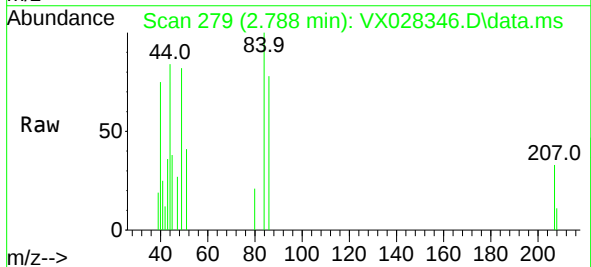
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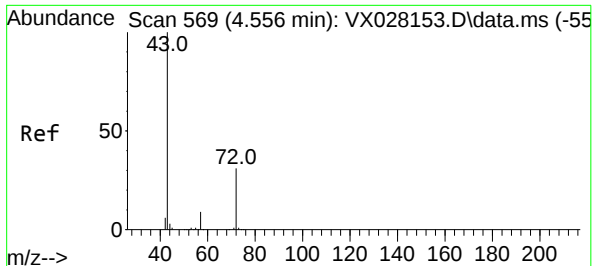
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
74 28.7 22.8 34.2



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 84 Resp: 1233
Ion Ratio Lower Upper
84 100
49 82.5 85.5 128.3#
51 41.2 26.6 39.8#
86 77.9 51.5 77.3#





#25

2-Butanone

Concen: 7.314 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX028346.D

Acq: 26 Apr 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

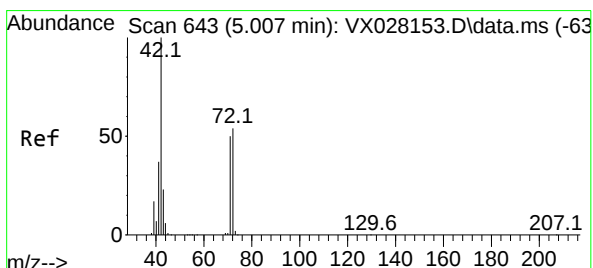
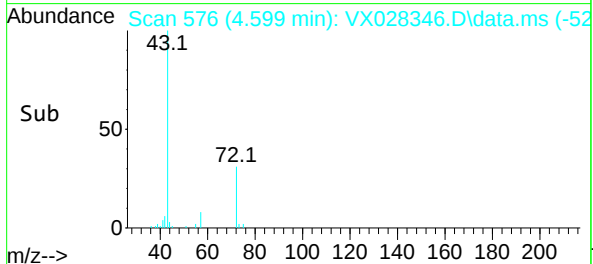
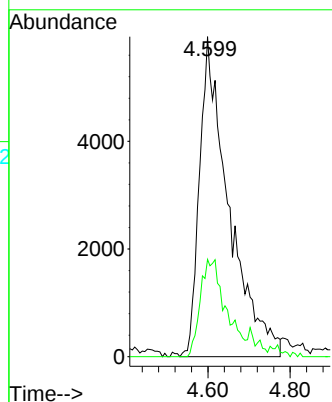
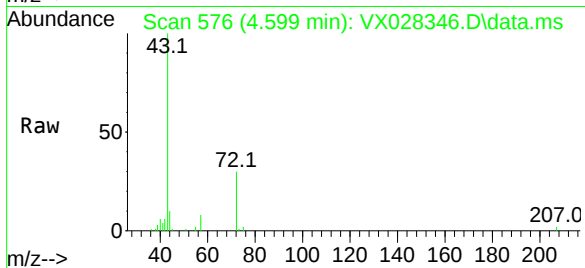
370ME

Tgt Ion: 43 Resp: 29421

Ion Ratio Lower Upper

43 100

72 30.4 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.840 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.049 min

Lab File: VX028346.D

Acq: 26 Apr 2022 13:53

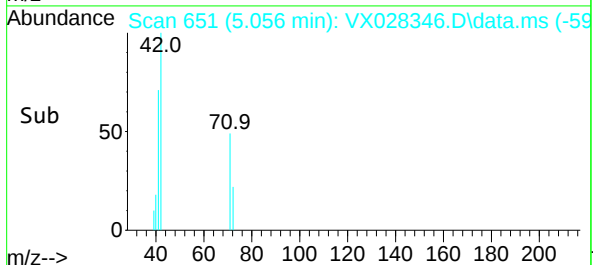
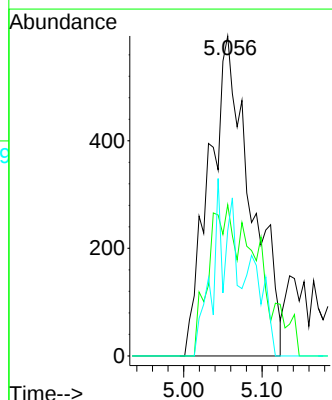
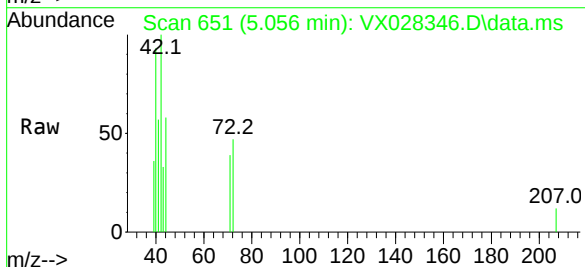
Tgt Ion: 42 Resp: 2202

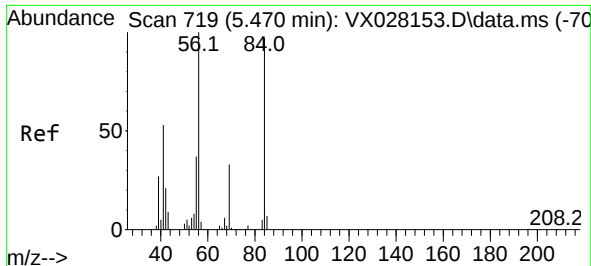
Ion Ratio Lower Upper

42 100

72 29.7 44.1 66.1#

71 13.9 40.5 60.7#

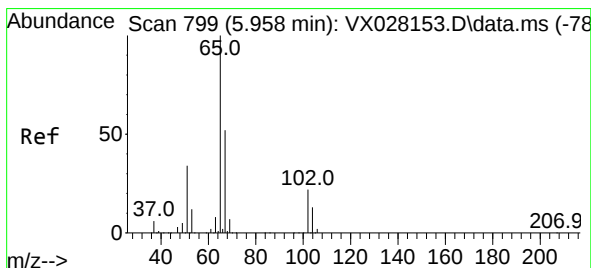
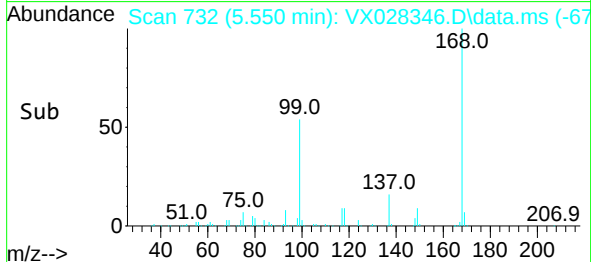
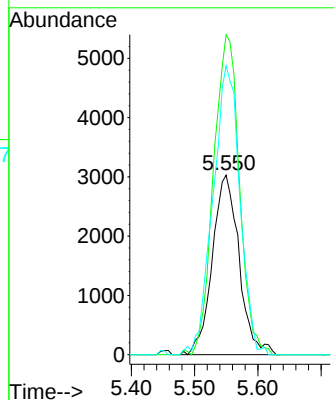
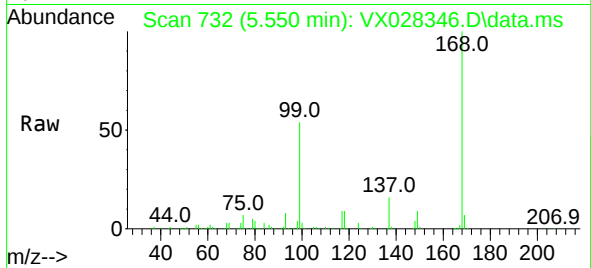




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

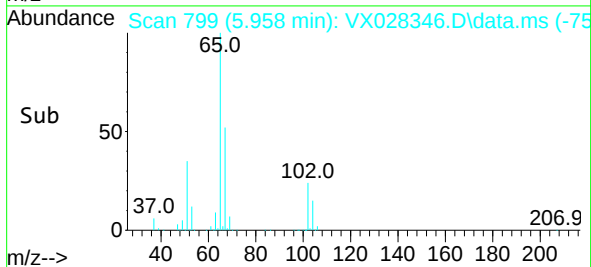
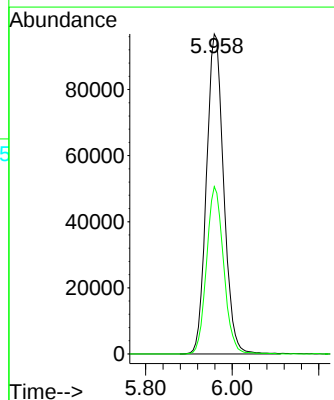
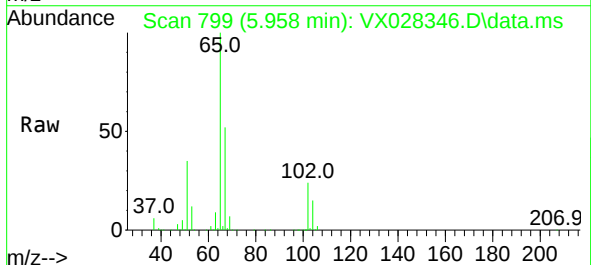
Instrument :
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370ME

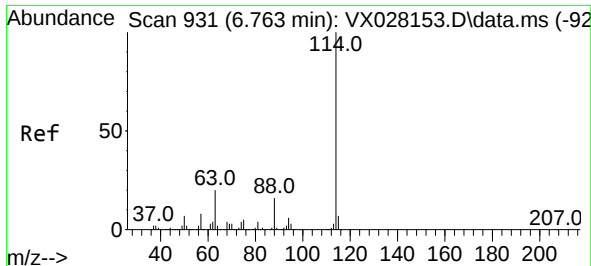
Tgt Ion: 56 Resp: 8900
Ion Ratio Lower Upper
56 100
69 178.2 26.7 40.1#
84 160.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 39.300 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

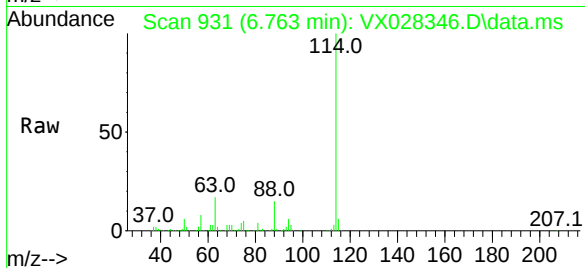
Tgt Ion: 65 Resp: 266932
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4



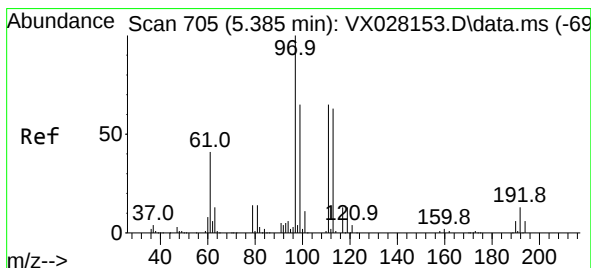
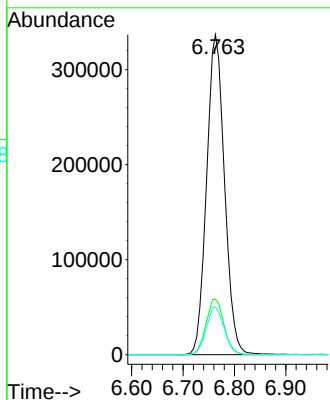
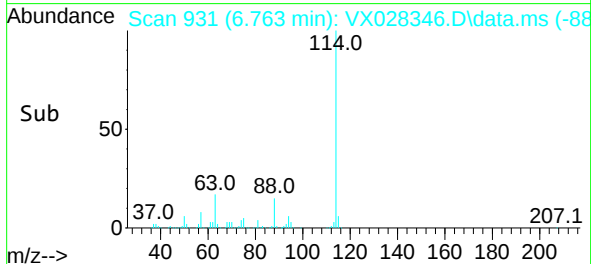


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
370ME

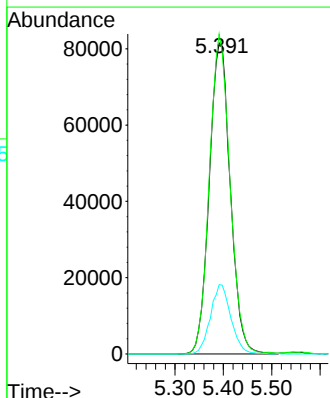
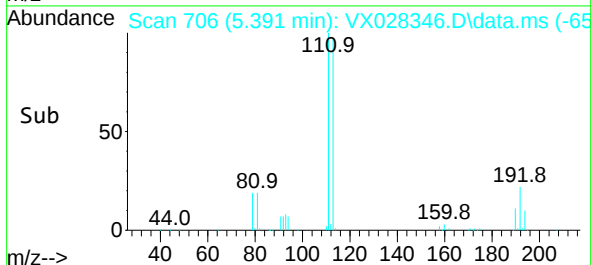
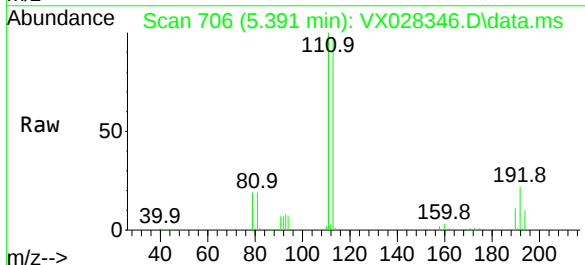


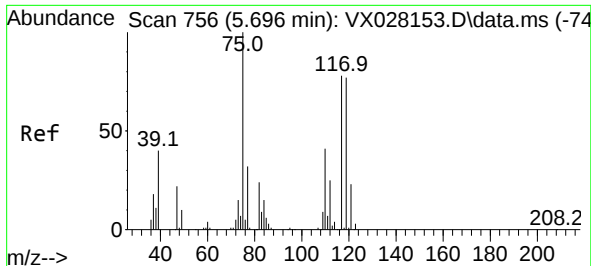
Tgt Ion:114 Resp: 814760
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 14.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.055 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion:113 Resp: 246011
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 21.7 16.9 25.3

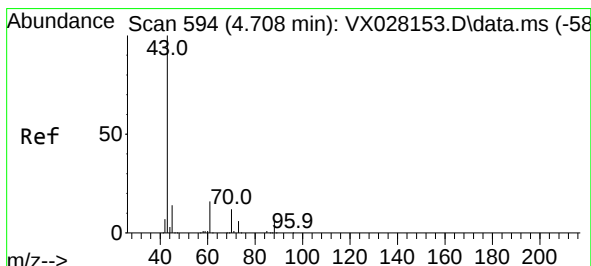
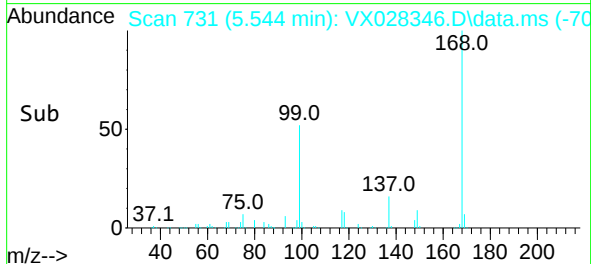
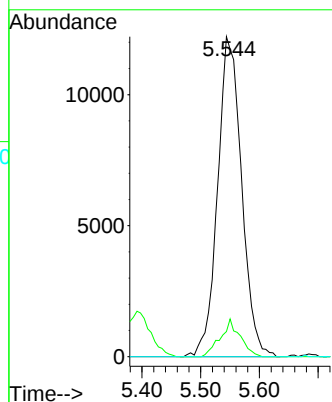
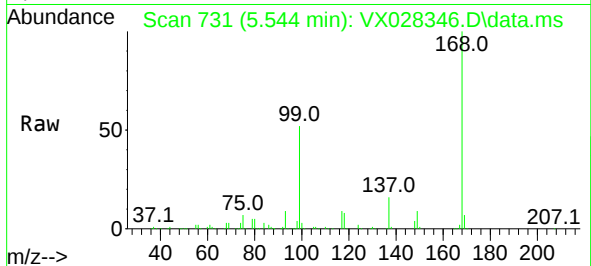




#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

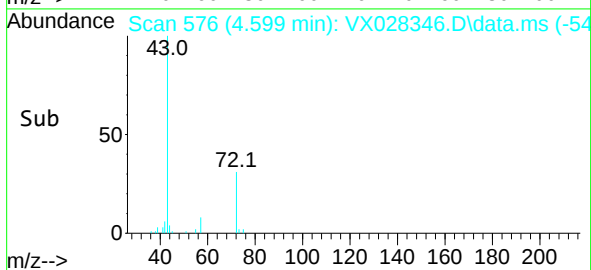
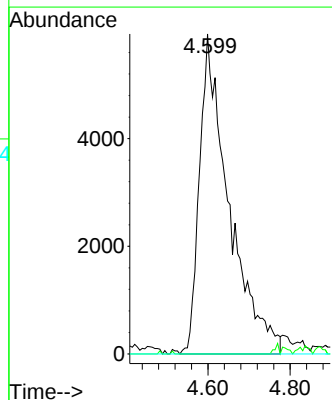
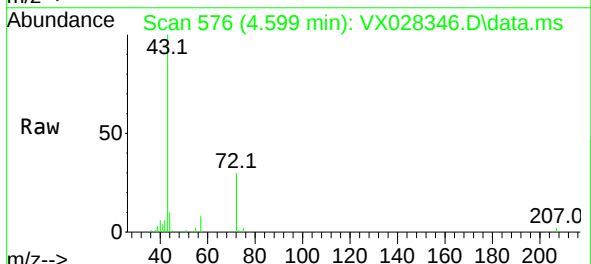
Instrument :
MSVOA_X
ClientSampleId :
370ME

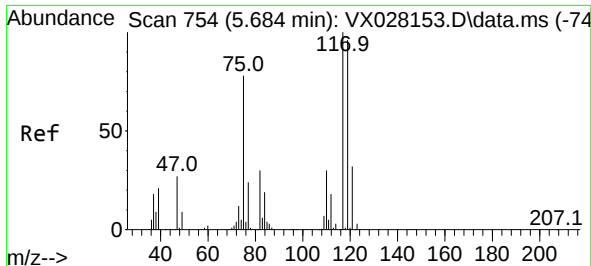
Tgt Ion: 75 Resp: 34640
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 3.890 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.109 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

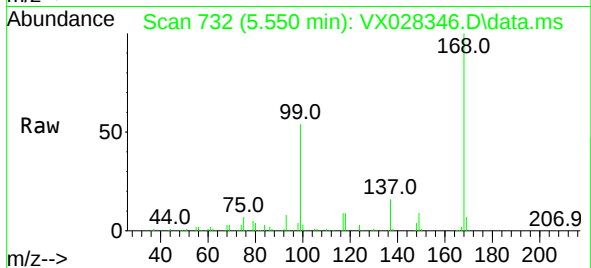
Tgt Ion: 43 Resp: 29421
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



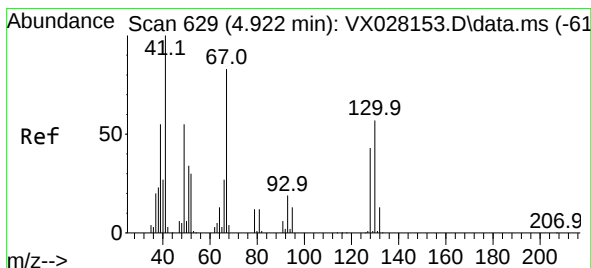
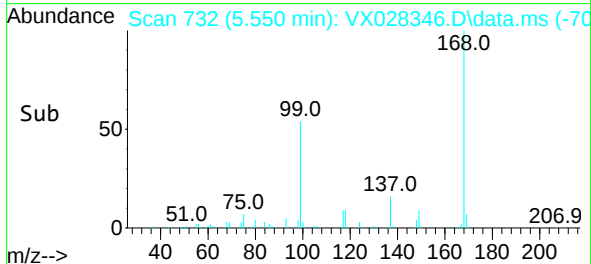
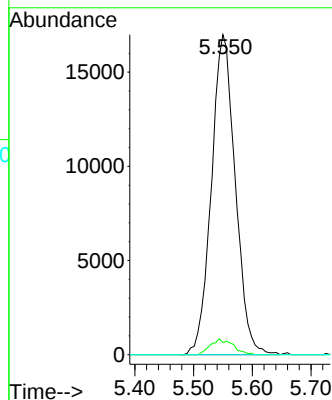


#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
370ME

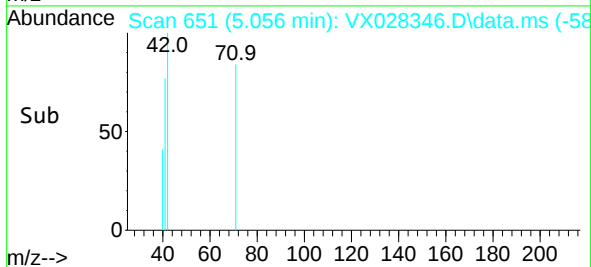
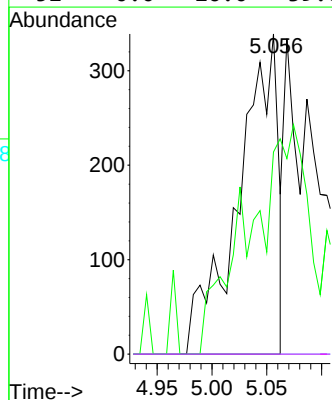
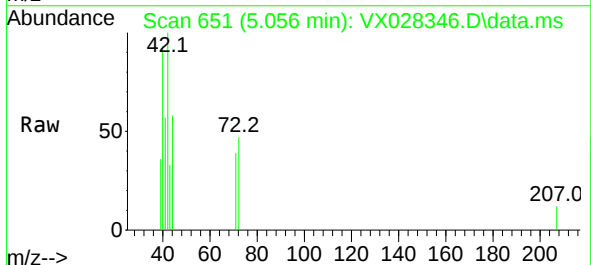


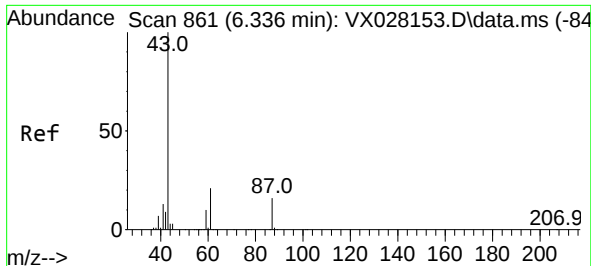
Tgt Ion:117 Resp: 48031
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.218 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.134 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 41 Resp: 850
Ion Ratio Lower Upper
41 100
39 61.6 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

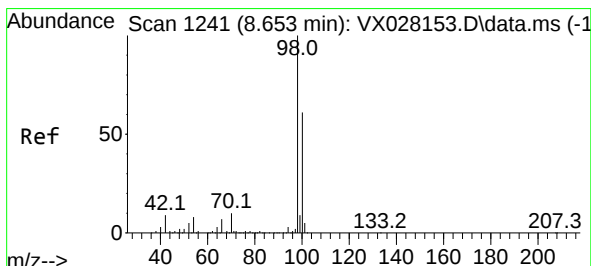
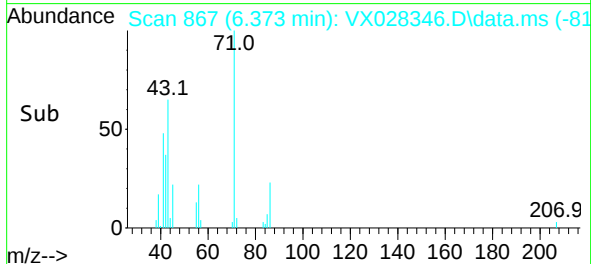
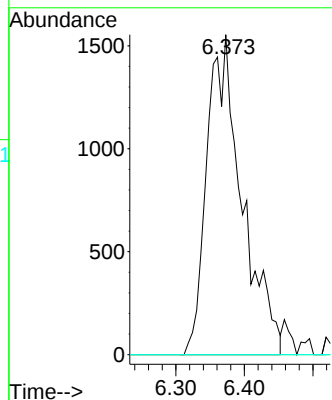
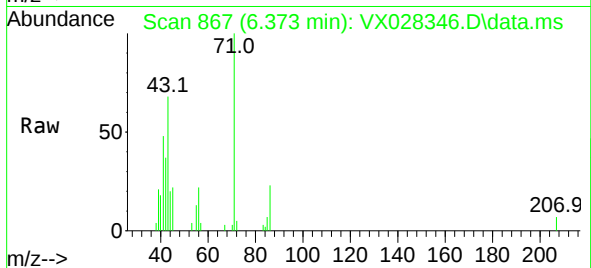




#43
Isopropyl Acetate
Concen: 0.449 ug/l
RT: 6.373 min Scan# 80
Delta R.T. 0.037 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

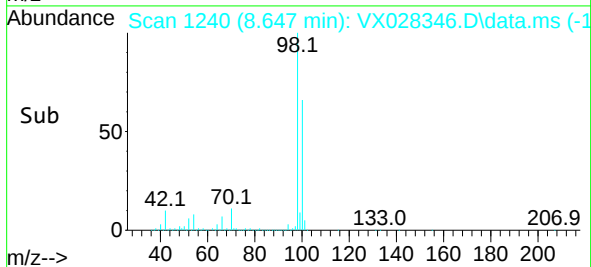
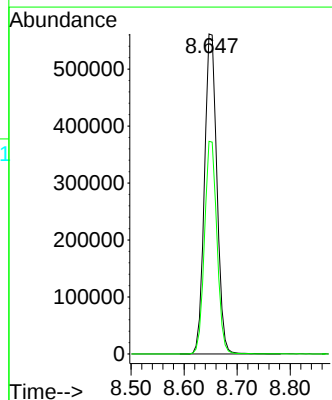
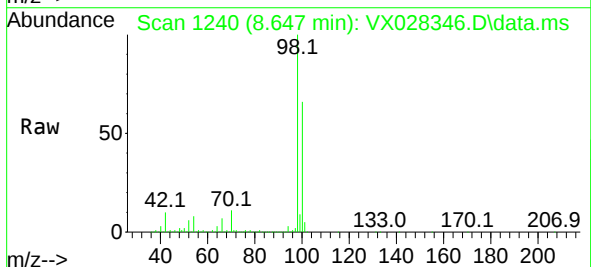
Instrument :
MSVOA_X
ClientSampleId :
370ME

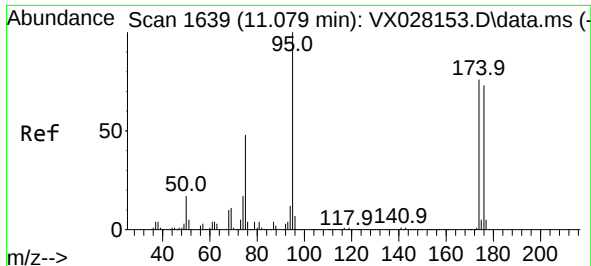
Tgt Ion: 43 Resp: 5524
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 41.660 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 98 Resp: 914268
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

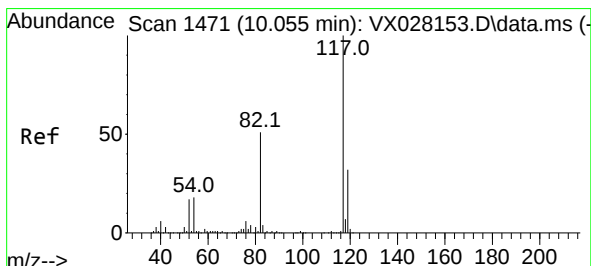
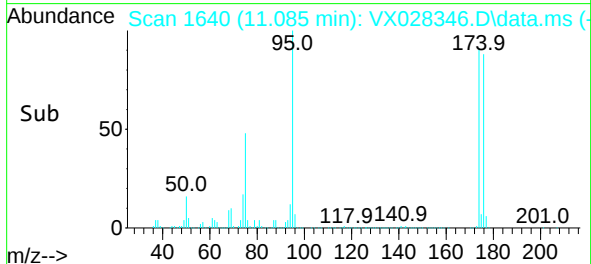
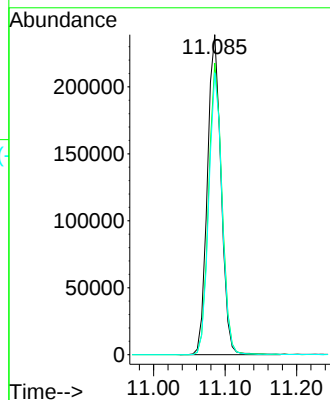
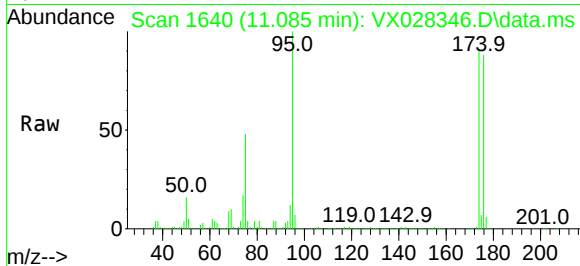




#62
4-Bromofluorobenzene
Concen: 37.798 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

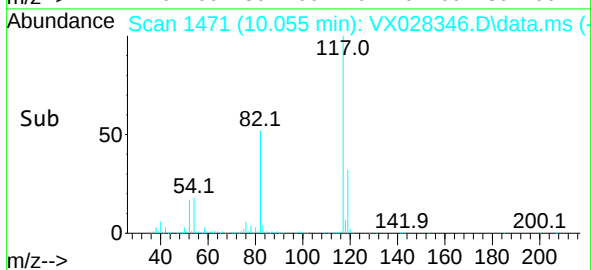
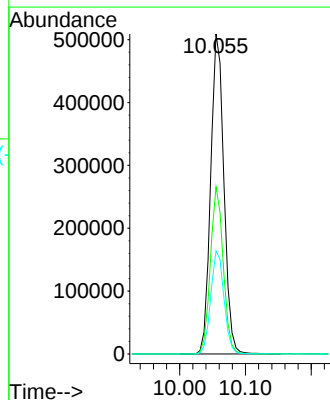
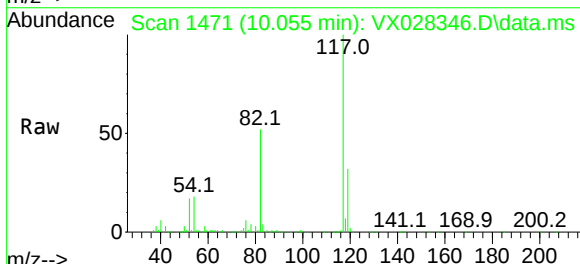
Instrument :
MSVOA_X
ClientSampleId :
370ME

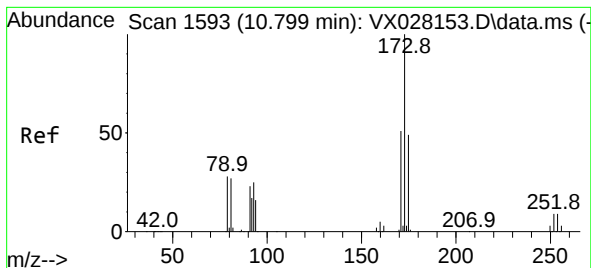
Tgt Ion: 95 Resp: 317170
Ion Ratio Lower Upper
95 100
174 89.1 0.0 163.0
176 85.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 117 Resp: 711033
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.2 24.8 37.2





#71

Bromoform

Concen: 3.588 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX028346.D

Acq: 26 Apr 2022 13:53

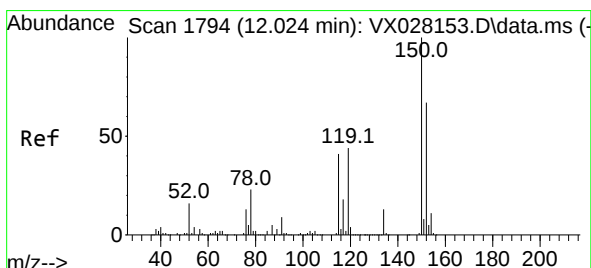
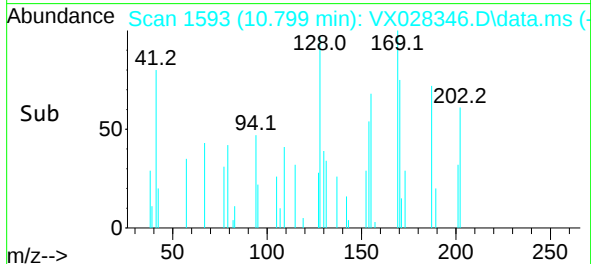
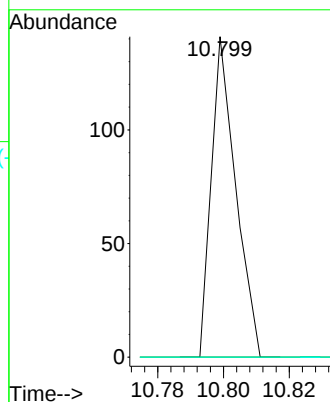
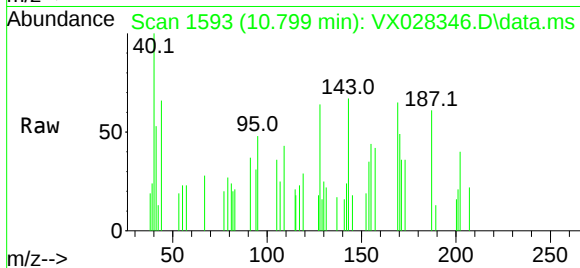
Instrument :

MSVOA_X

ClientSampleId :

370ME

Tgt Ion:173	Resp:	72
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1 72.2#
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

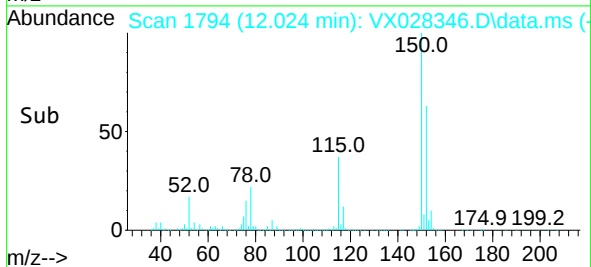
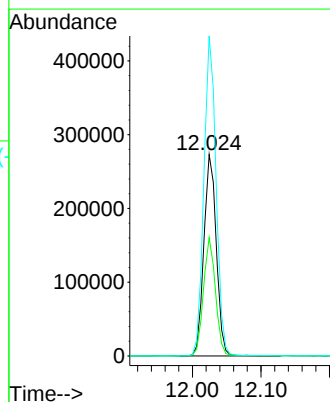
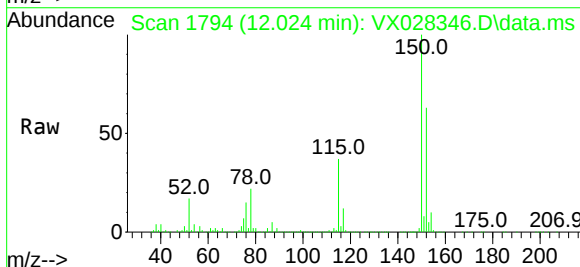
RT: 12.024 min Scan# 1794

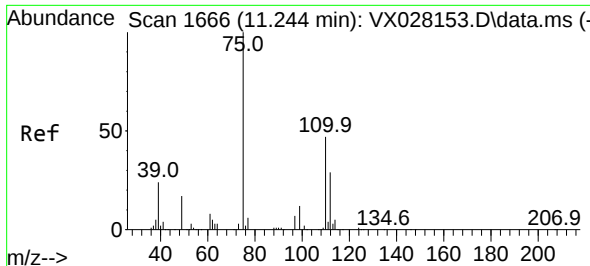
Delta R.T. 0.000 min

Lab File: VX028346.D

Acq: 26 Apr 2022 13:53

Tgt Ion:152	Resp:	345479
Ion Ratio	Lower	Upper
152	100	
115	56.8	37.5 112.7
150	156.1	0.0 338.2

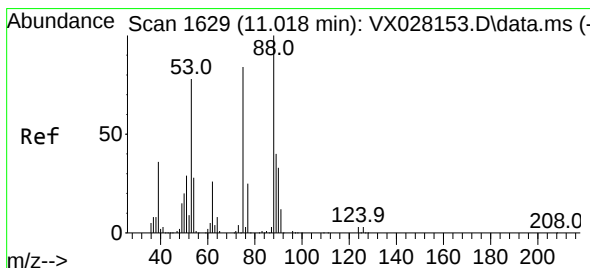
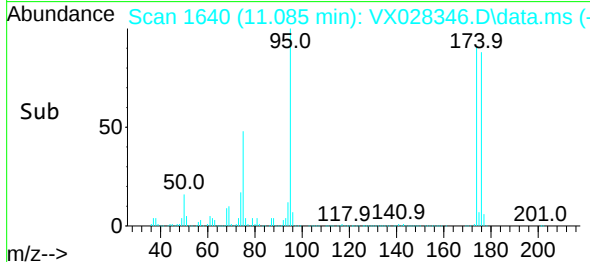
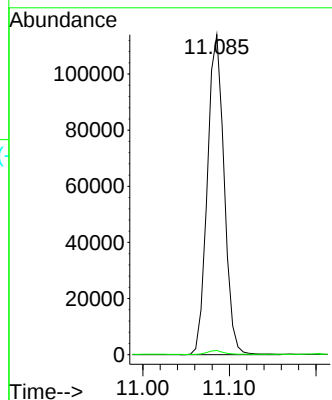
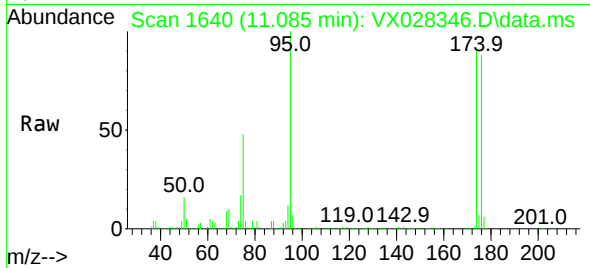




#76
1,2,3-Trichloropropane
Concen: 22.530 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

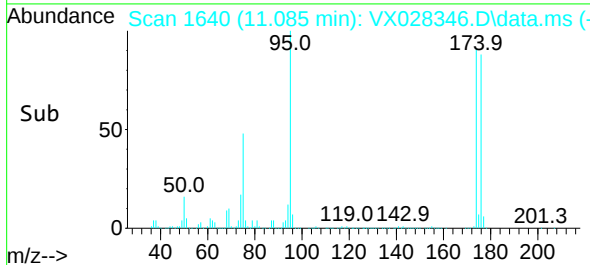
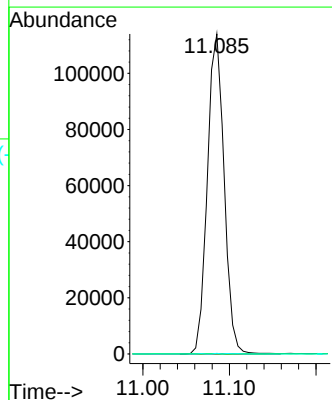
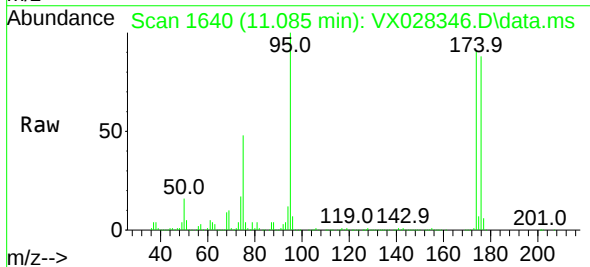
Instrument :
MSVOA_X
ClientSampleId :
370ME

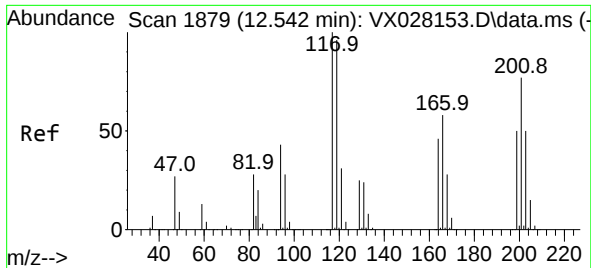
Tgt Ion: 75 Resp: 153187
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.953 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028346.D
Acq: 26 Apr 2022 13:53

Tgt Ion: 75 Resp: 153187
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#





#90
 Hexachloroethane
 Concen: 1.848 ug/l
 RT: 12.518 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX028346.D
 Acq: 26 Apr 2022 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 370ME

Tgt Ion:117 Resp: 139
 Ion Ratio Lower Upper
 117 100
 201 57.6 39.5 118.5

