

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028415.D
 Acq On : 29 Apr 2022 11:40
 Operator : JC/MD
 Sample : VX0429WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBL02

Quant Time: Apr 30 09:14:11 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)

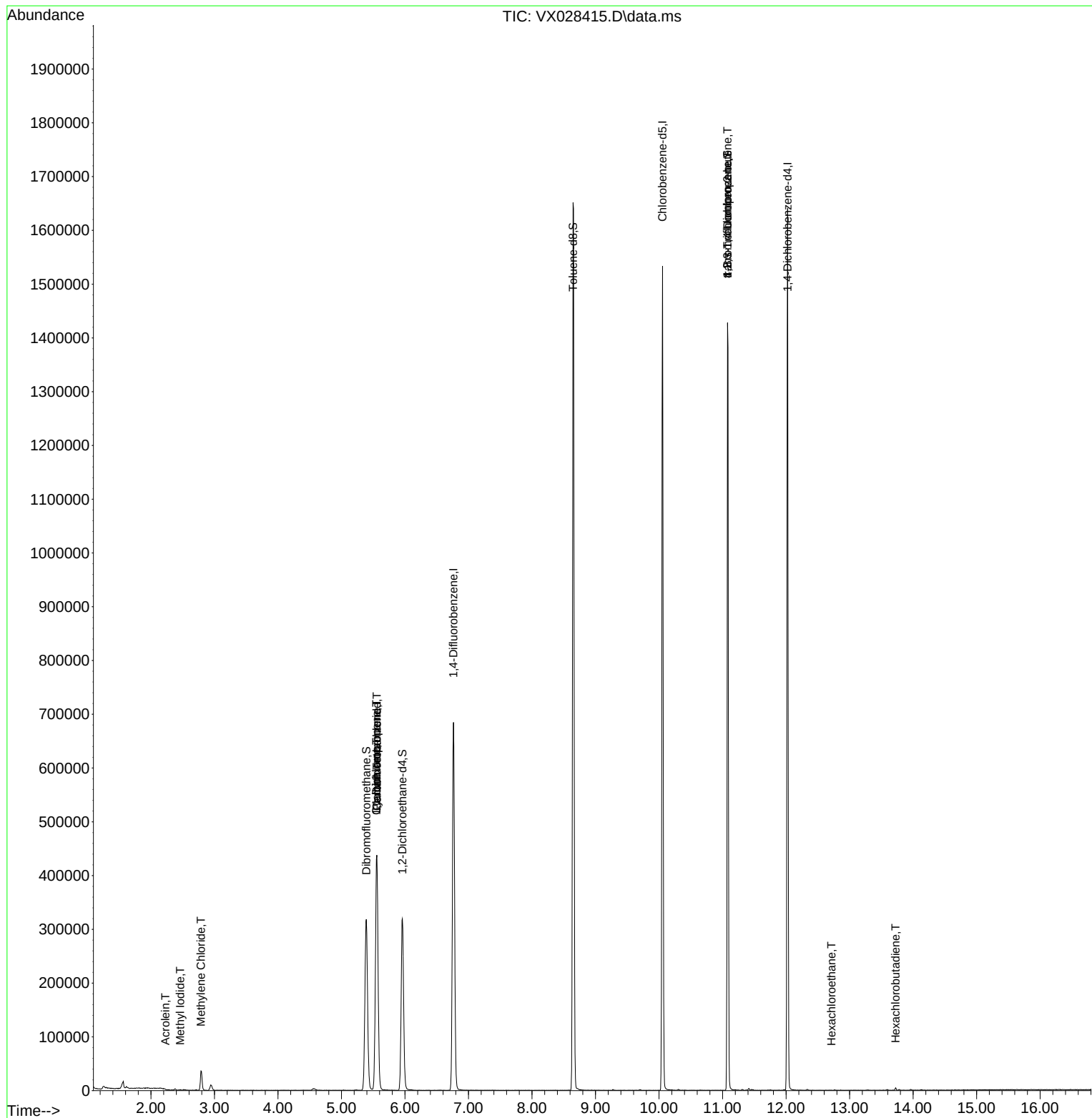
Internal Standards						
1) Pentafluorobenzene	5.556	168	434029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	742523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	710831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	341968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	304677	53.837	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.680%	
35) Dibromofluoromethane	5.391	113	276523	53.103	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.200%	
50) Toluene-d8	8.647	98	1025066	51.253	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	11.079	95	375656	49.123	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	535	Below Cal	#	68
5) Bromomethane	1.611	94	1874	Below Cal		89
6) Chloroethane	1.685	64	319	Below Cal	#	88
10) Methyl Iodide	2.459	142	860	5.395	ug/l #	86
11) Tert butyl alcohol	2.947	59	5603	Below Cal	#	72
13) Acrolein	2.227	56	146	0.211	ug/l #	61
20) Methylene Chloride	2.788	84	16905	4.026	ug/l	88
31) Cyclohexane	5.550	56	8095	1.174	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	31525	4.641	ug/l #	49
38) Carbon Tetrachloride	5.556	117	43036	5.613	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	188716	28.040	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	188716	83.329	ug/l #	15
90) Hexachloroethane	12.713	117	45	1.825	ug/l #	10
94) Hexachlorobutadiene	13.725	225	707	0.233	ug/l	97

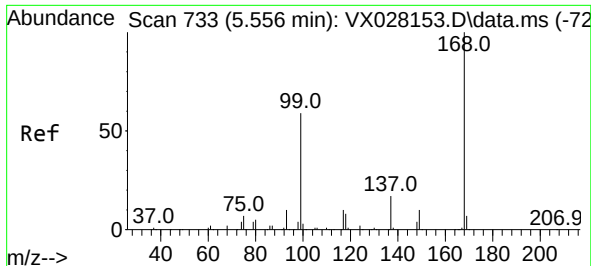
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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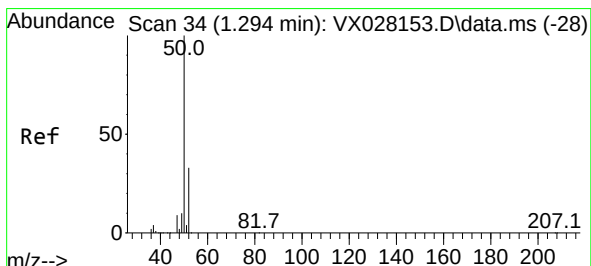
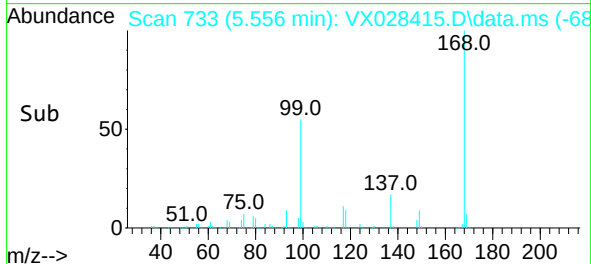
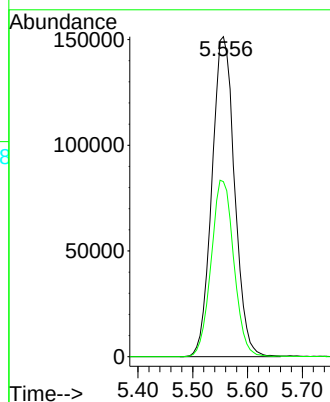
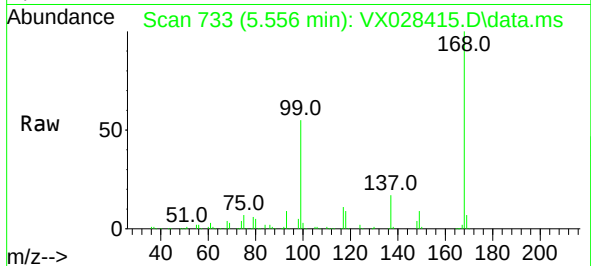




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

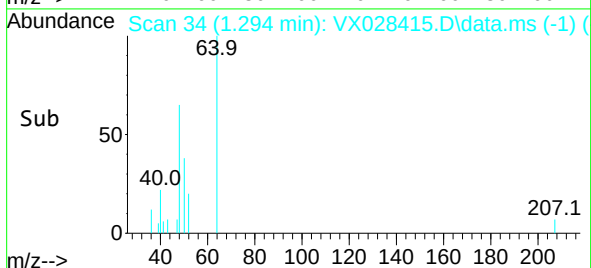
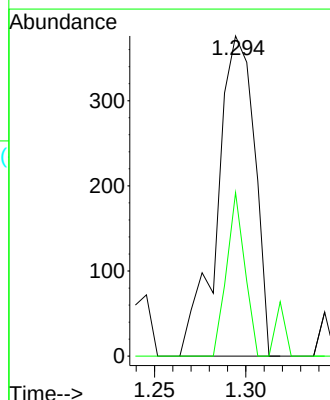
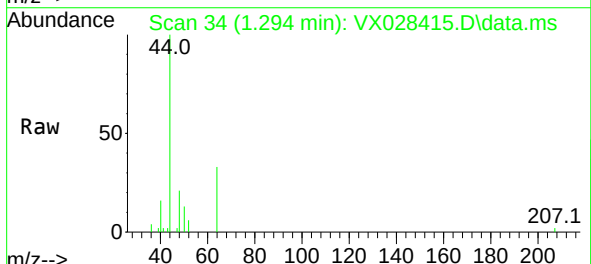
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL02

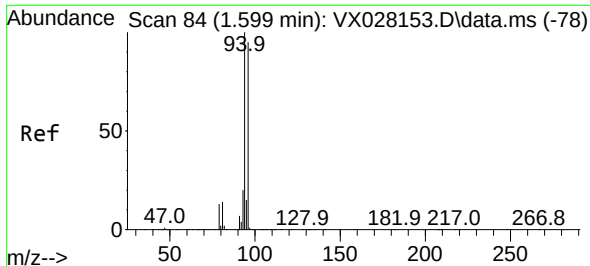
Tgt Ion:168 Resp: 434029
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 51.1 26.4 39.6#

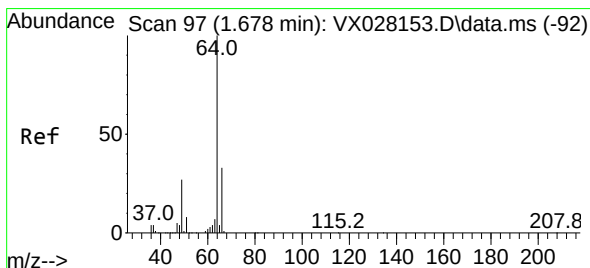
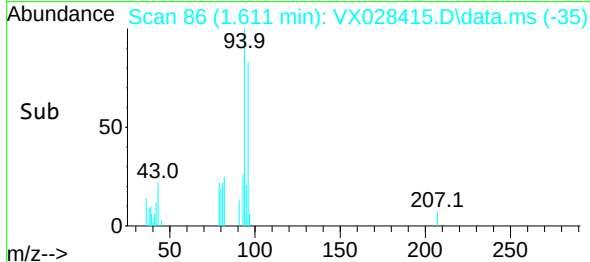
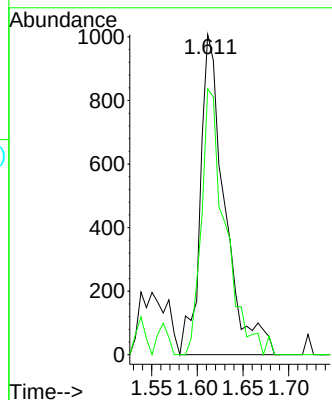
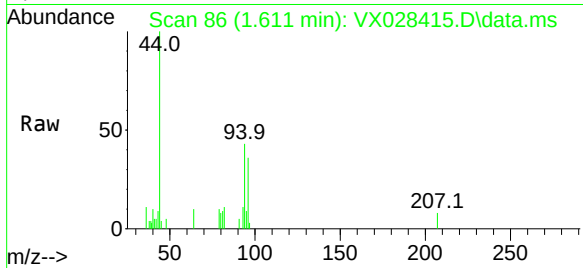




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

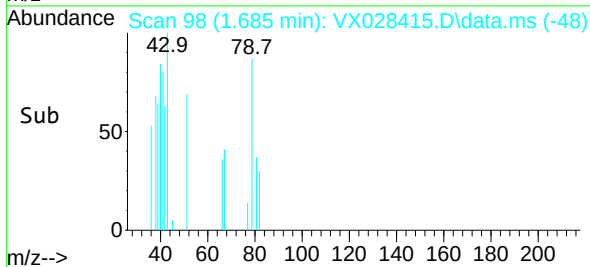
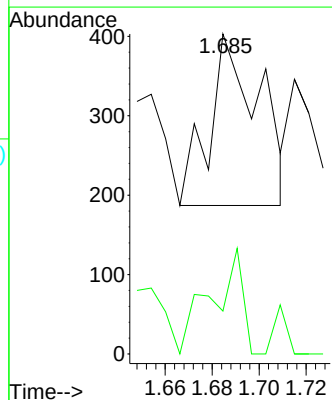
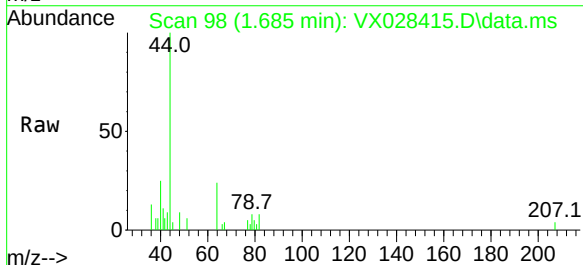
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL02

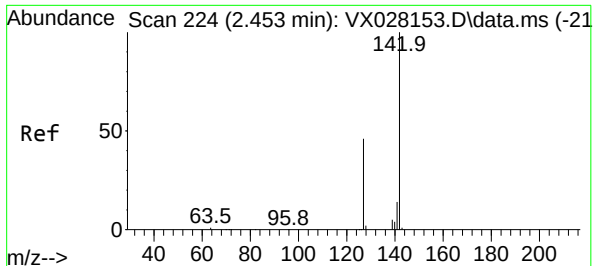
Tgt Ion: 94 Resp: 1874
Ion Ratio Lower Upper
94 100
96 83.1 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion: 64 Resp: 319
Ion Ratio Lower Upper
64 100
66 25.0 25.3 37.9#





#10

Methyl Iodide

Concen: 5.395 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028415.D

Acq: 29 Apr 2022 11:40

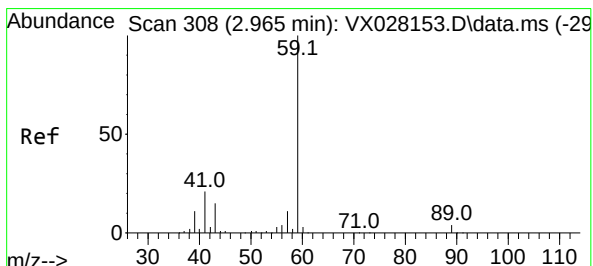
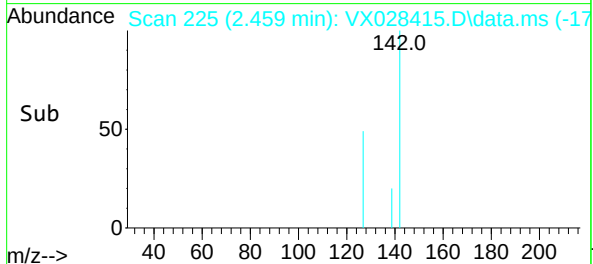
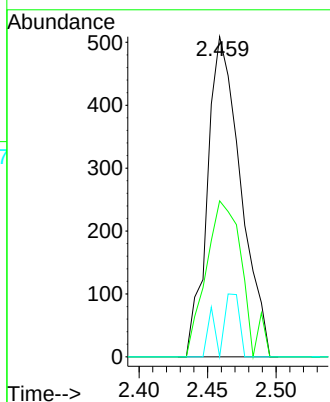
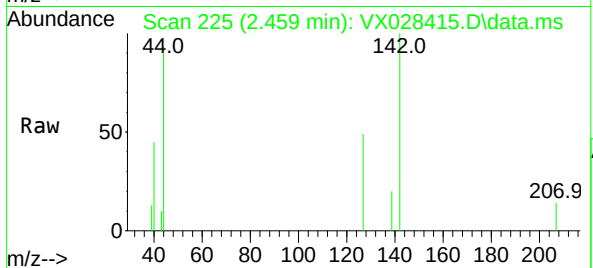
Instrument :

MSVOA_X

ClientSampleId :

VX0429WBL02

Tgt Ion:	142	Resp:	860
Ion	Ratio	Lower	Upper
142	100		
127	52.7	33.9	50.9#
141	11.9	11.4	17.2



#11

Tert butyl alcohol

Concen: Below Cal

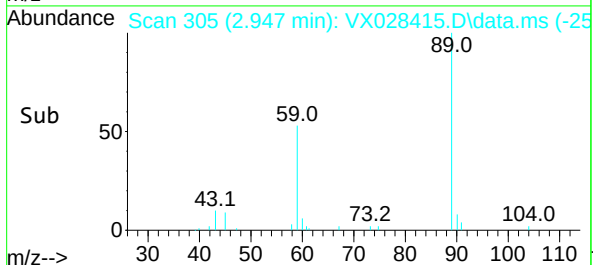
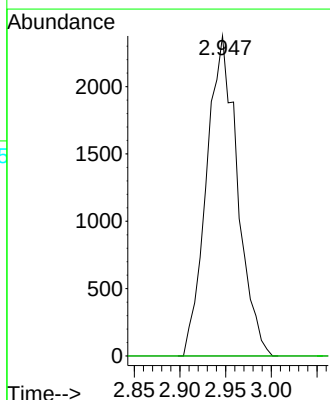
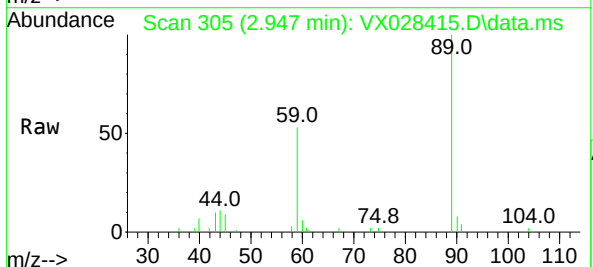
RT: 2.947 min Scan# 305

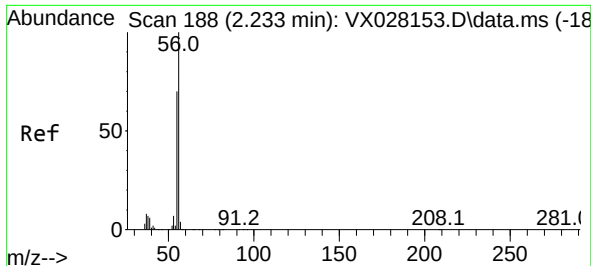
Delta R.T. -0.018 min

Lab File: VX028415.D

Acq: 29 Apr 2022 11:40

Tgt Ion:	59	Resp:	5603
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

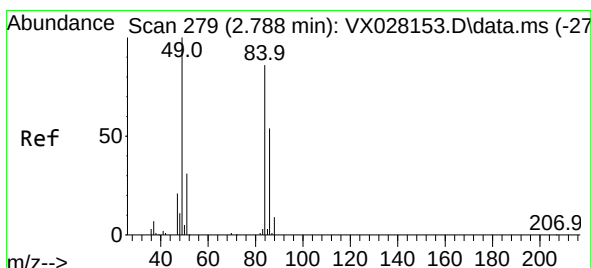
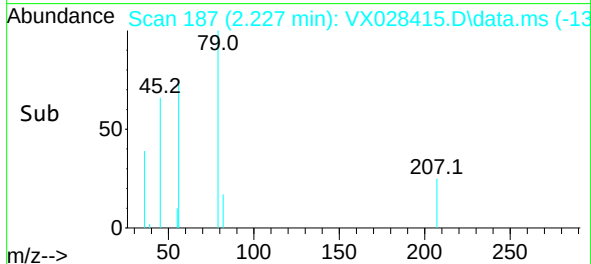
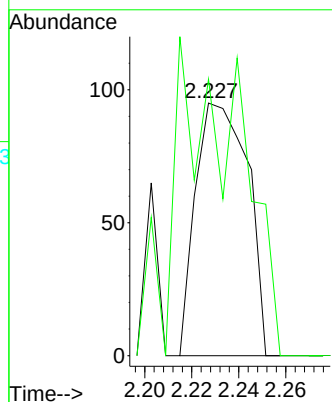
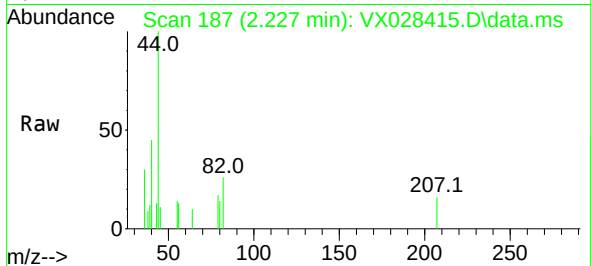




#13
Acrolein
Concen: 0.211 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

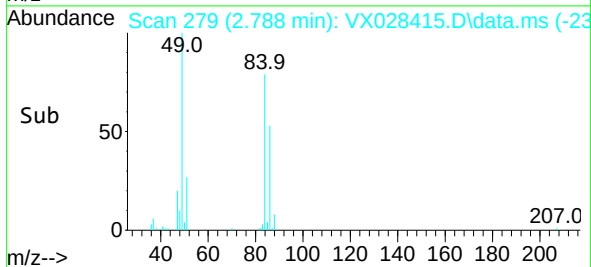
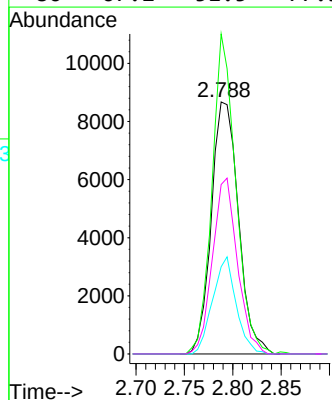
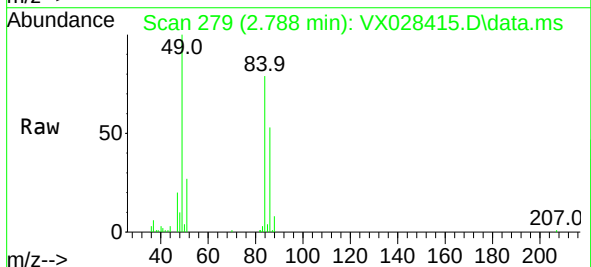
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL02

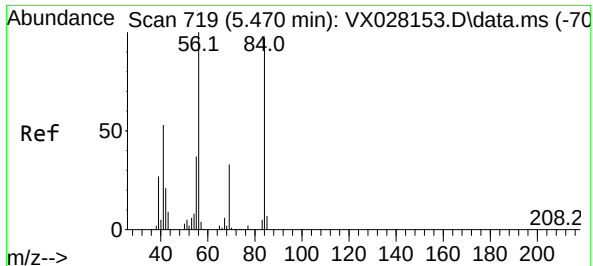
Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 100.7 55.0 82.6#



#20
Methylene Chloride
Concen: 4.026 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion: 84 Resp: 16905
Ion Ratio Lower Upper
84 100
49 127.0 85.5 128.3
51 34.6 26.6 39.8
86 67.2 51.5 77.3

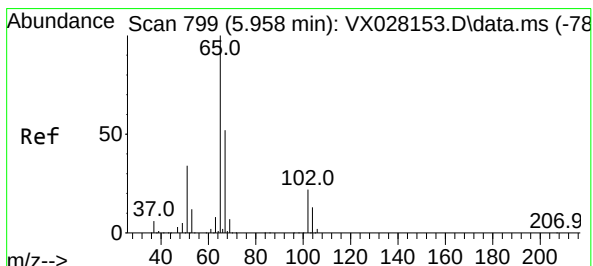
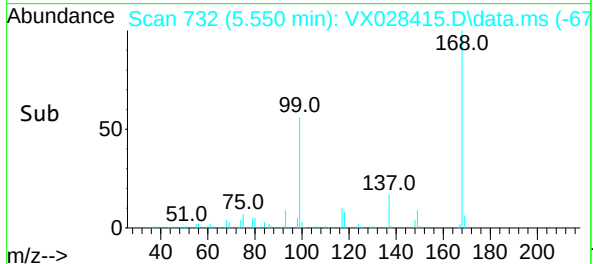
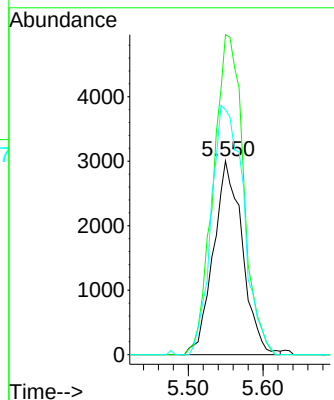
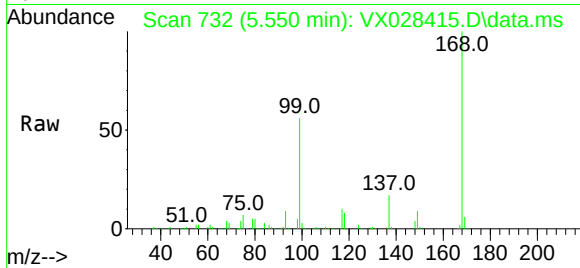




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

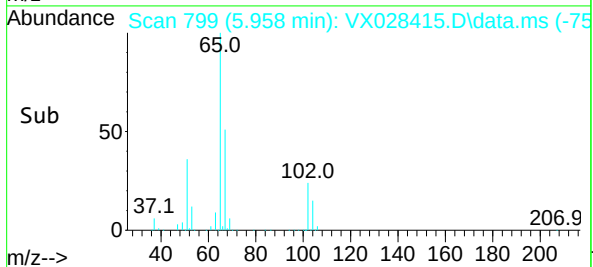
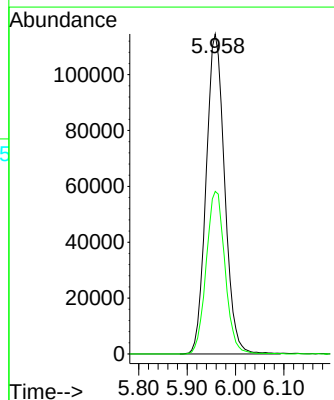
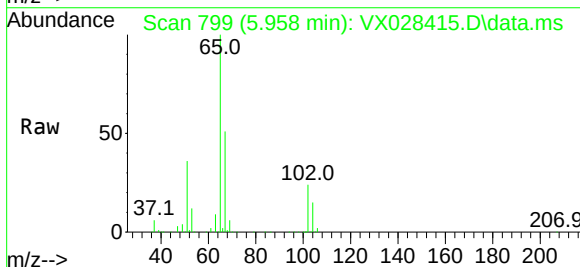
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ClientSampleId :
VX0429WBL02

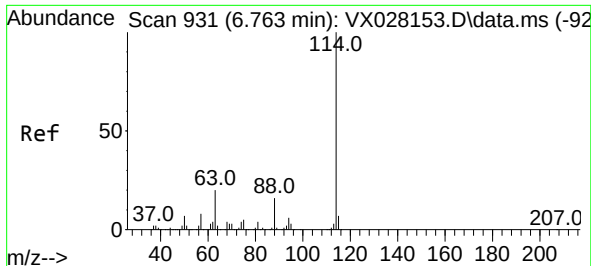
Tgt Ion: 56 Resp: 8095
Ion Ratio Lower Upper
56 100
69 165.2 26.7 40.1#
84 126.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.837 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion: 65 Resp: 304677
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

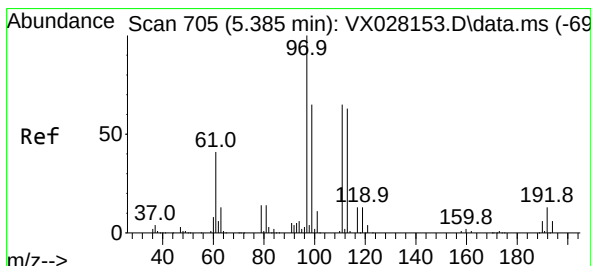
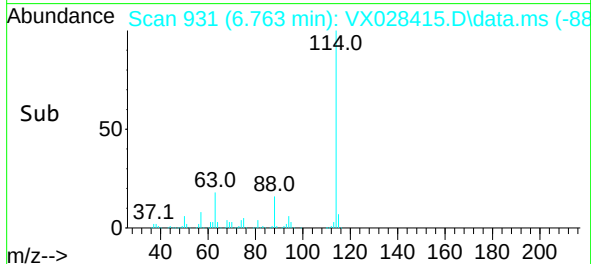
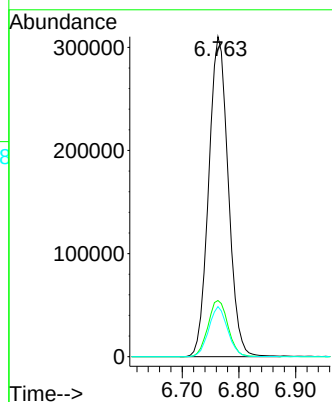
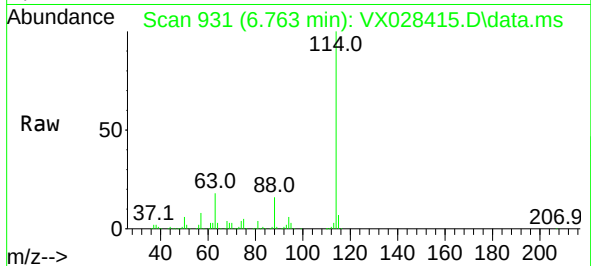




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

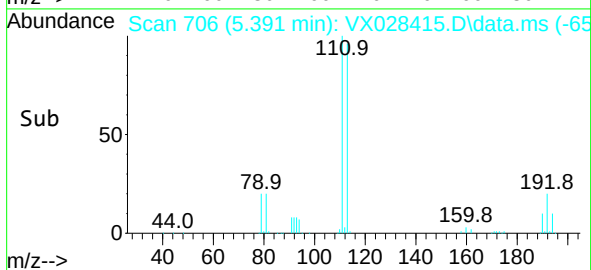
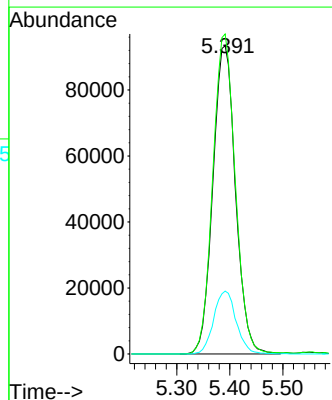
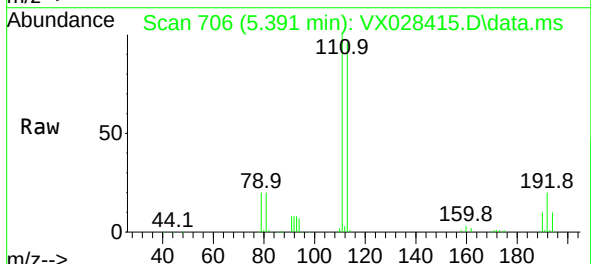
Instrument :
MSVOA_X
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VX0429WBL02

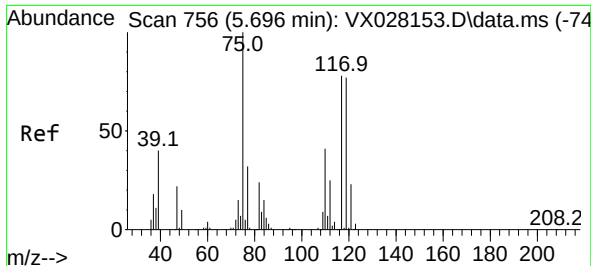
Tgt Ion:114 Resp: 742523
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.103 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion:113 Resp: 276523
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 20.3 16.9 25.3

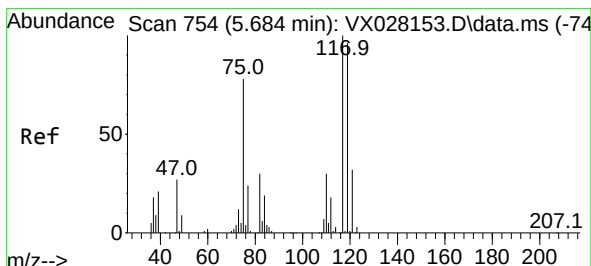
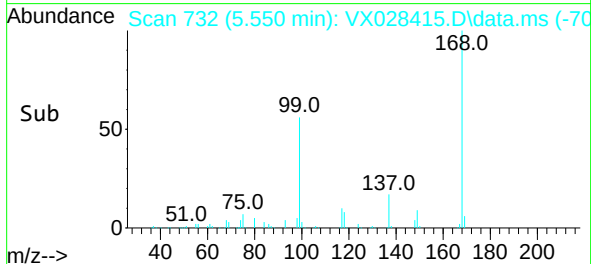
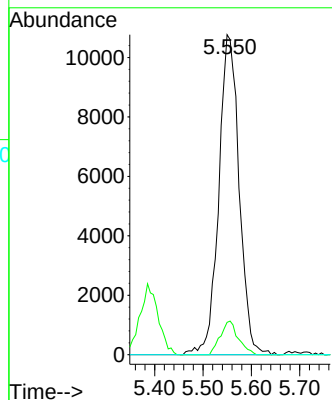
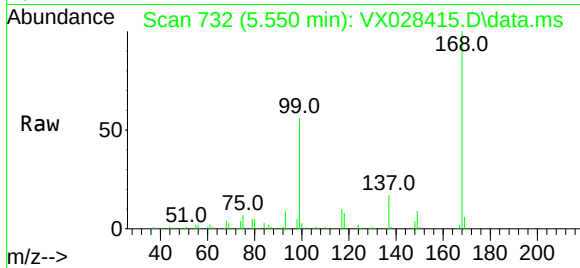




#36
 1,1-Dichloropropene
 Concen: 4.641 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX028415.D
 Acq: 29 Apr 2022 11:40

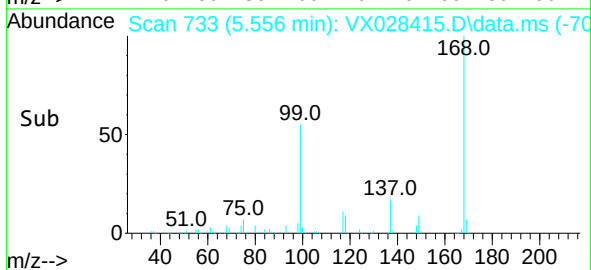
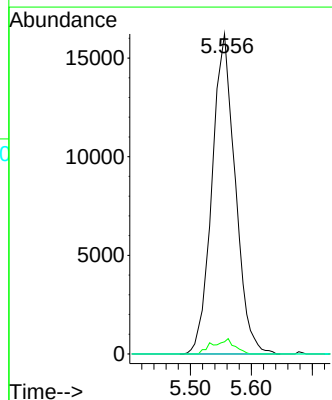
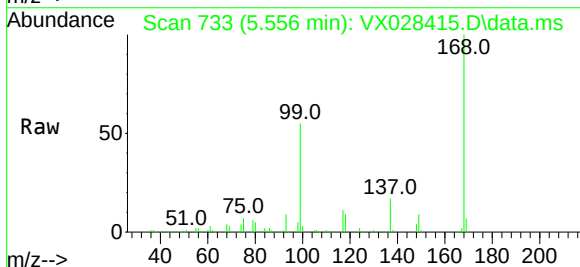
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBL02

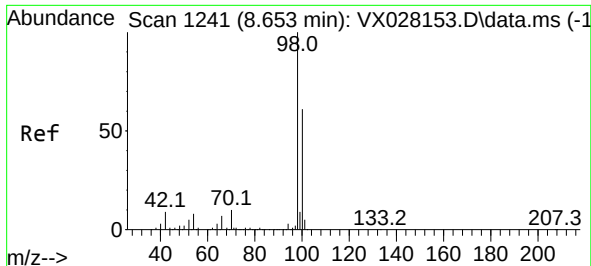
Tgt Ion: 75 Resp: 31525
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.613 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX028415.D
 Acq: 29 Apr 2022 11:40

Tgt Ion: 117 Resp: 43036
 Ion Ratio Lower Upper
 117 100
 119 3.8 77.3 115.9#
 121 0.0 24.2 36.2#

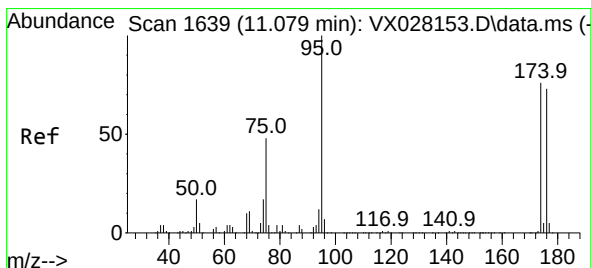
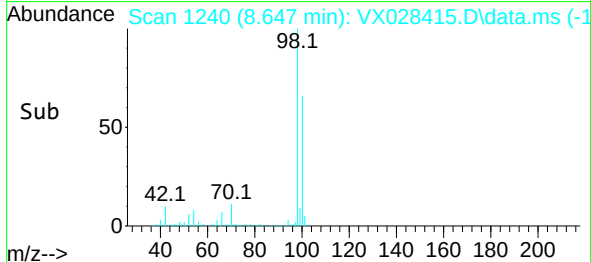
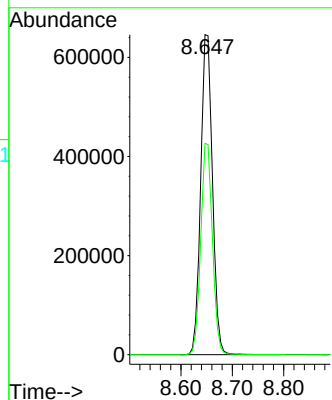
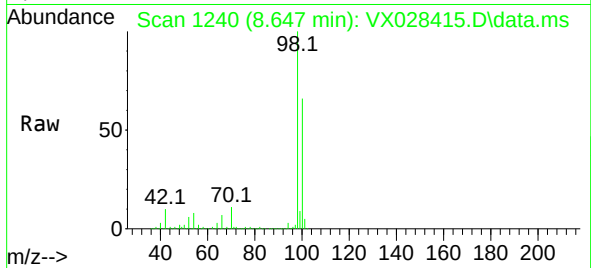




#50
Toluene-d8
Concen: 51.253 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

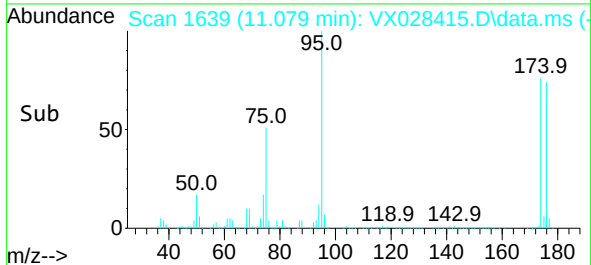
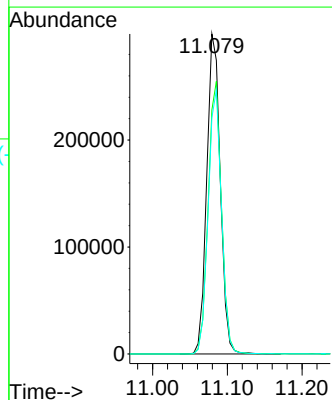
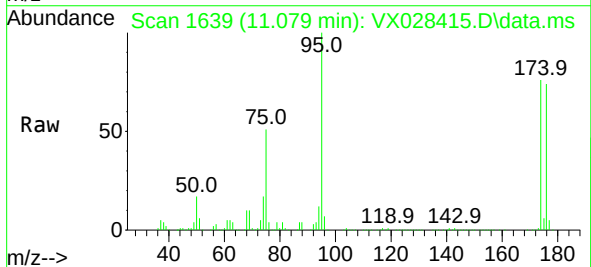
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL02

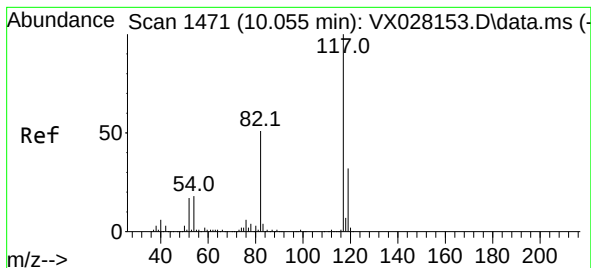
Tgt Ion: 98 Resp: 1025066
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion: 95 Resp: 375656
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 81.9 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: VX028415.D

Acq: 29 Apr 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBL02

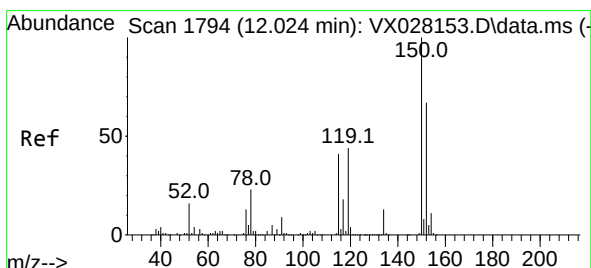
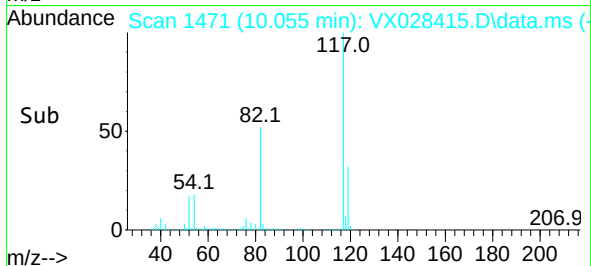
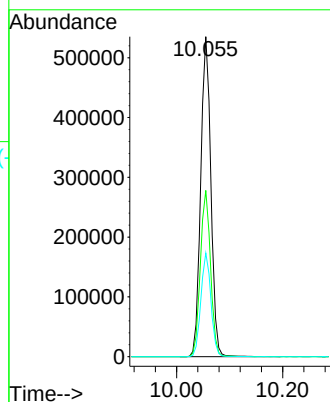
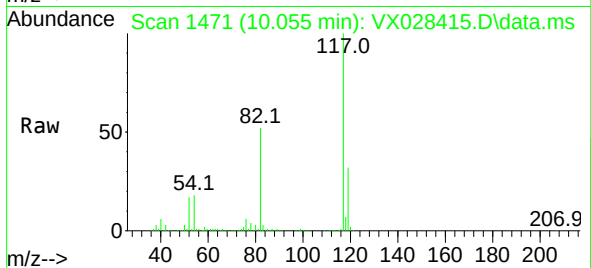
Tgt Ion:117 Resp: 710831

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

119 32.4 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: VX028415.D

Acq: 29 Apr 2022 11:40

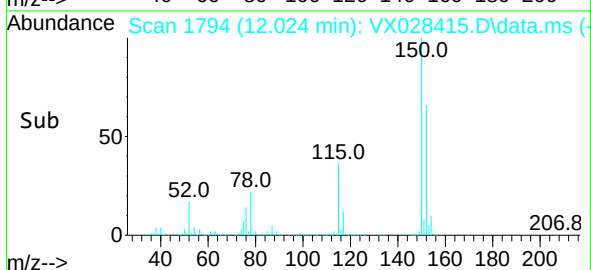
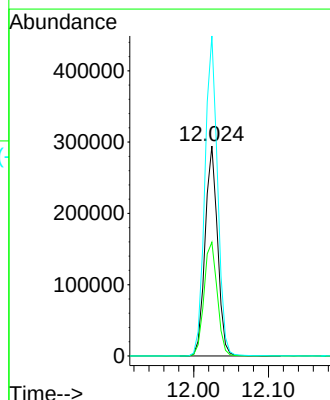
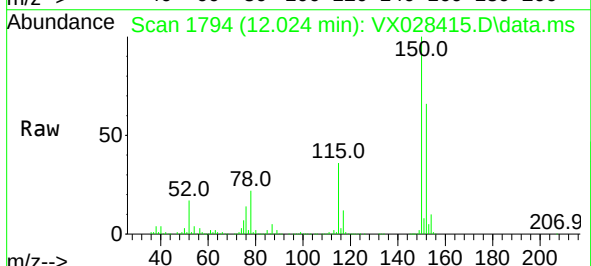
Tgt Ion:152 Resp: 341968

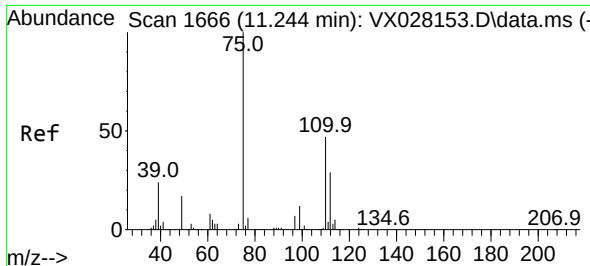
Ion Ratio Lower Upper

152 100

115 57.4 37.5 112.7

150 154.6 0.0 338.2

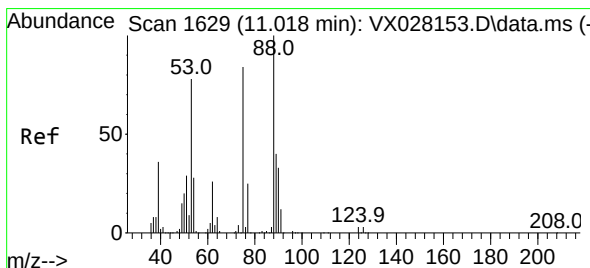
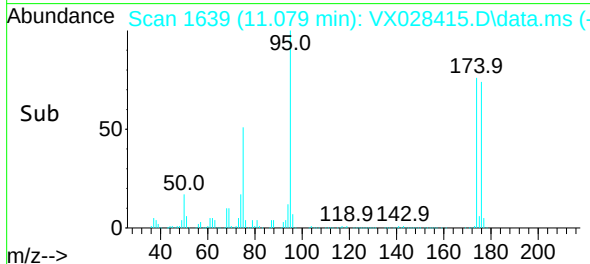
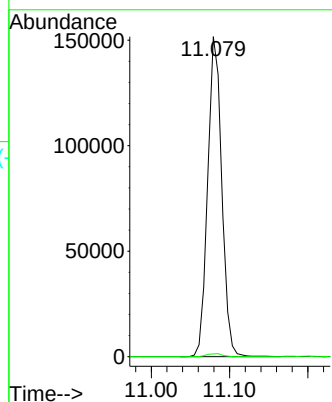
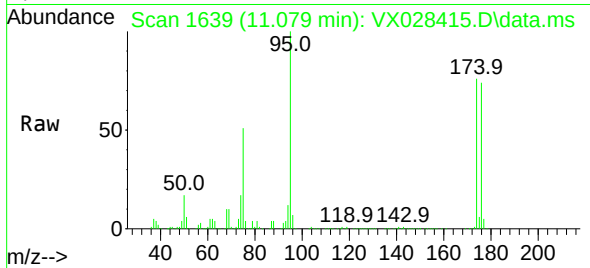




#76
1,2,3-Trichloropropane
Concen: 28.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

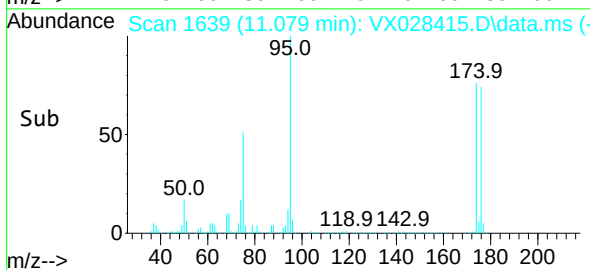
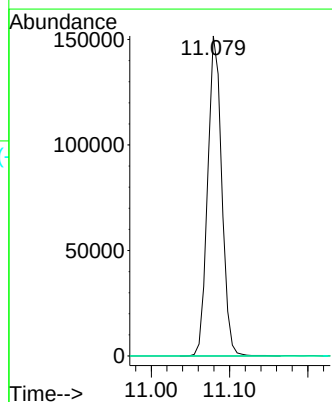
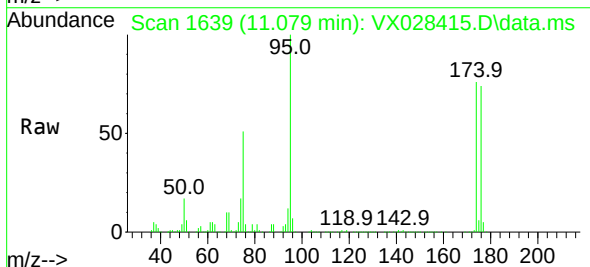
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL02

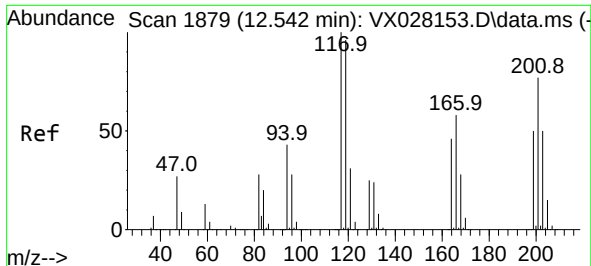
Tgt Ion: 75 Resp: 188716
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion: 75 Resp: 188716
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

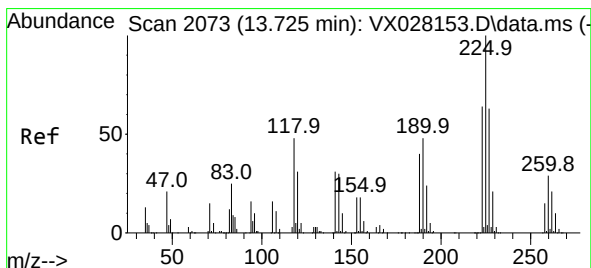
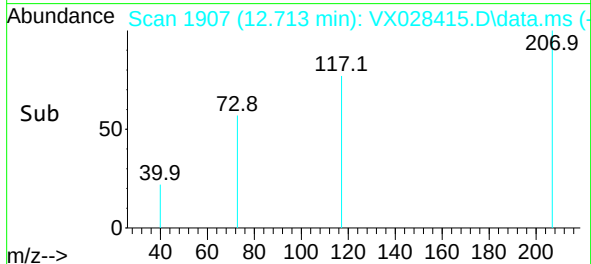
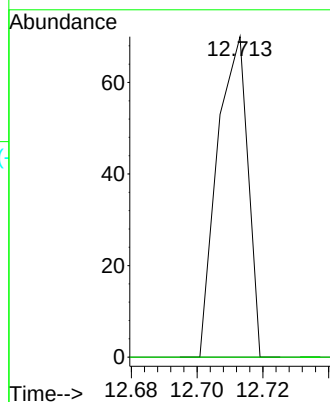
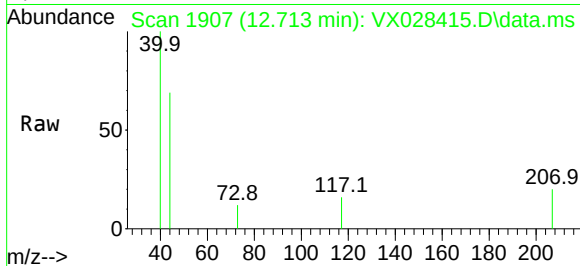




#90
Hexachloroethane
Concen: 1.825 ug/l
RT: 12.713 min Scan# 1907
Delta R.T. 0.171 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL02

Tgt Ion:117 Resp: 45
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#94
Hexachlorobutadiene
Concen: 0.233 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028415.D
Acq: 29 Apr 2022 11:40

Tgt Ion:225 Resp: 707
Ion Ratio Lower Upper
225 100
223 67.9 34.2 102.5
227 63.9 33.9 101.7

