

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028085.D
 Acq On : 13 Apr 2022 12:21
 Operator : JC/MD
 Sample : N2385-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48963DL

Quant Time: Apr 14 04:04:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

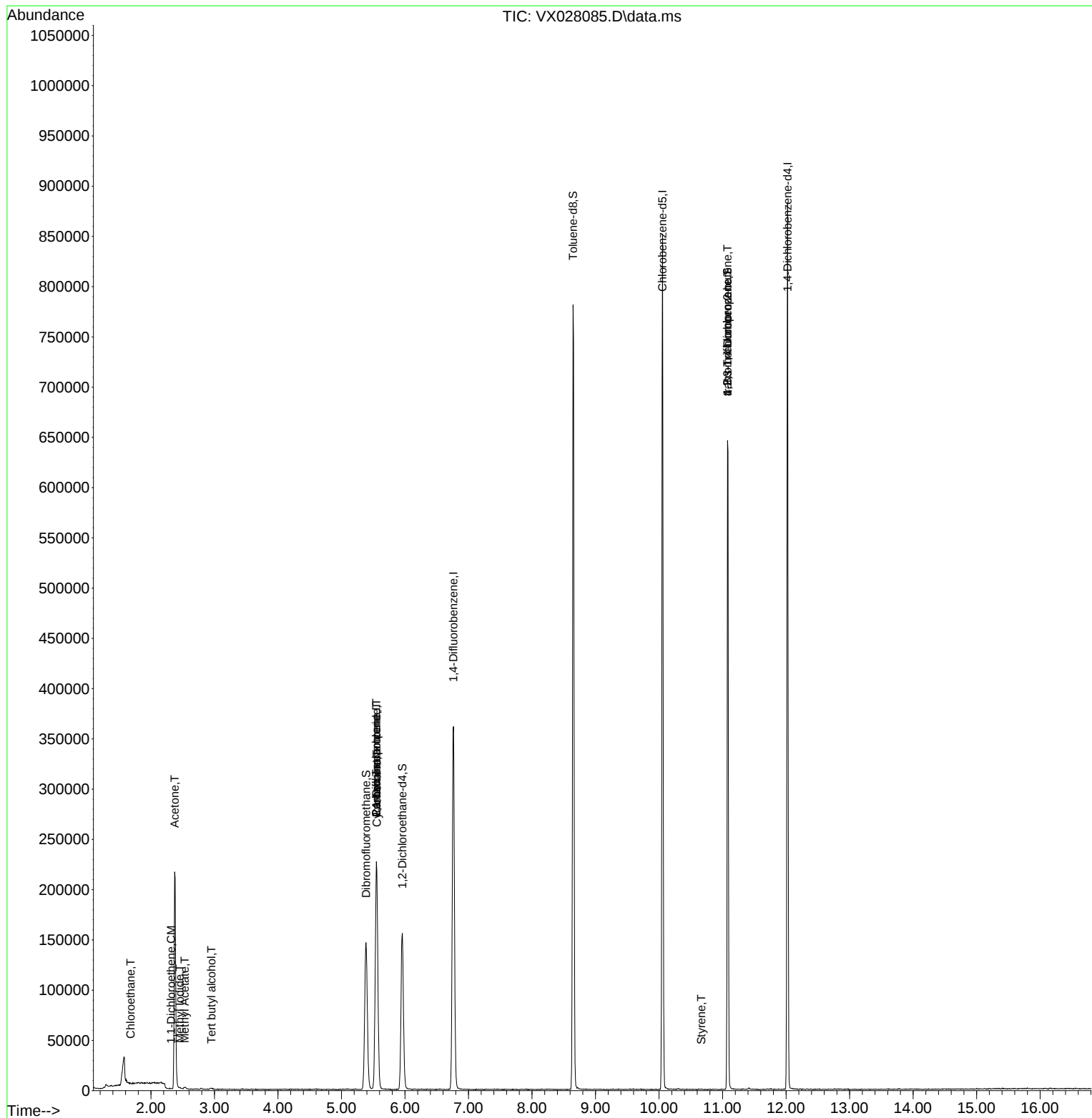
Internal Standards						
1) Pentafluorobenzene	5.550	168	216914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142944	48.574	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.140%
35) Dibromofluoromethane	5.385	113	123184	50.145	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.280%
50) Toluene-d8	8.647	98	460267	50.237	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	152627	44.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	994	Below Cal		97
6) Chloroethane	1.679	64	430	2.779 ug/l	#	43
10) Methyl Iodide	2.453	142	949	0.373 ug/l	#	92
11) Tert butyl alcohol	2.953	59	1116	1.634 ug/l	#	78
12) 1,1-Dichloroethene	2.319	96	447	0.209 ug/l	#	1
13) Acrolein	2.264	56	83	Below Cal	#	15
16) Acetone	2.373	43	227320	185.401 ug/l		91
18) Methyl Acetate	2.532	43	767	0.234 ug/l	#	46
31) Cyclohexane	5.556	56	5270	1.302 ug/l	#	32
36) 1,1-Dichloropropene	5.550	75	17695	4.720 ug/l	#	49
38) Carbon Tetrachloride	5.550	117	20858	5.211 ug/l	#	15
70) Styrene	10.665	104	272	4.726 ug/l	#	53
76) 1,2,3-Trichloropropane	11.079	75	86366	23.238 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86366	65.450 ug/l	#	15

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

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Quant Time: Apr 14 04:04:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration

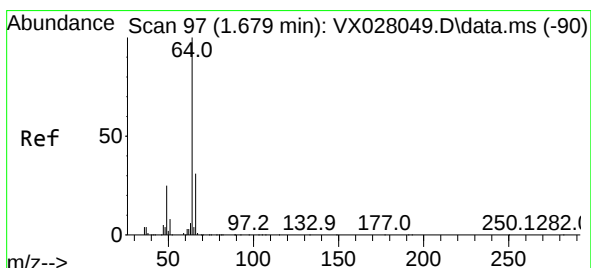
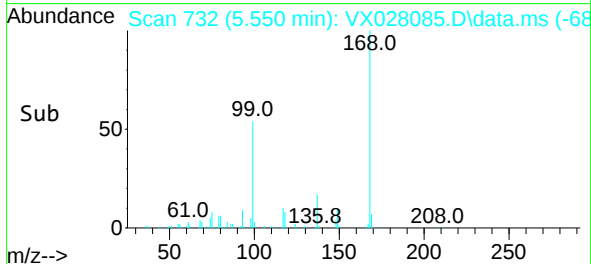
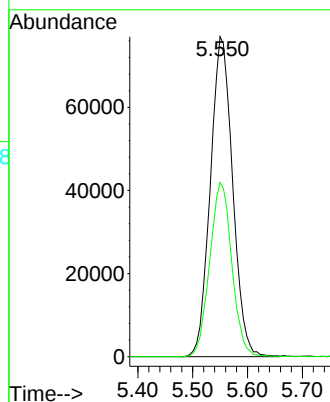
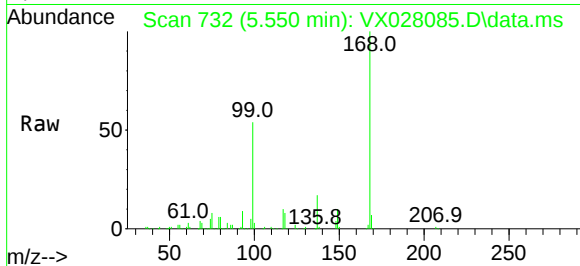




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

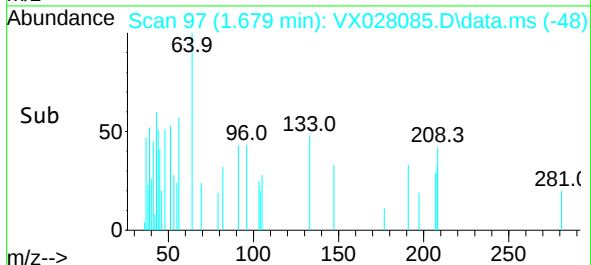
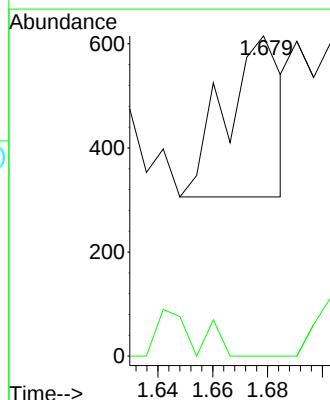
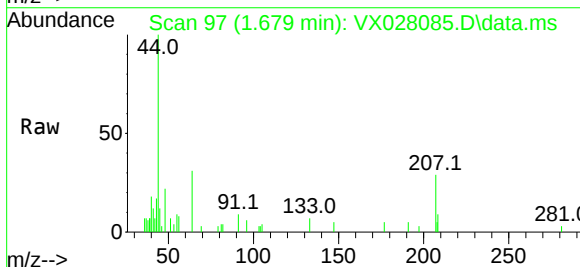
Instrument :
MSVOA_X
ClientSampleId :
N48963DL

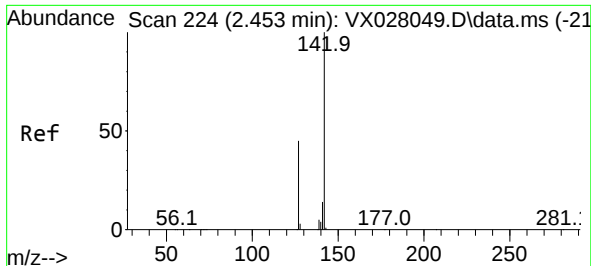
Tgt Ion:168 Resp: 216914
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#6
Chloroethane
Concen: 2.779 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

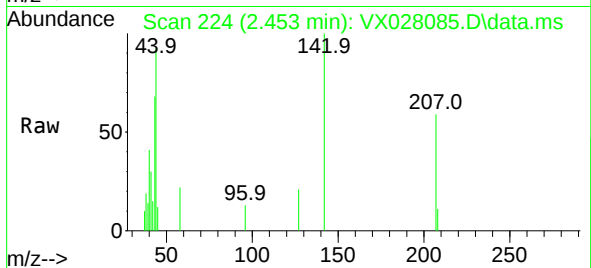
Tgt Ion: 64 Resp: 430
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9



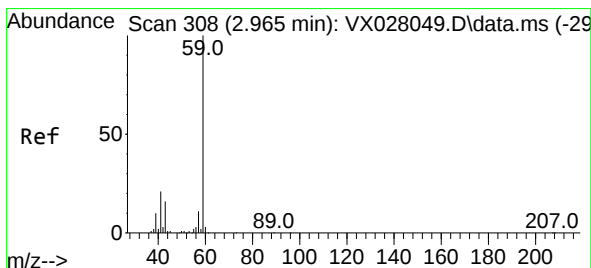
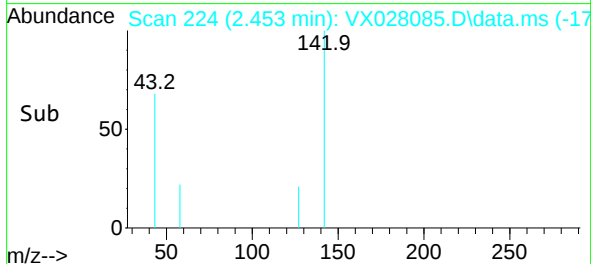
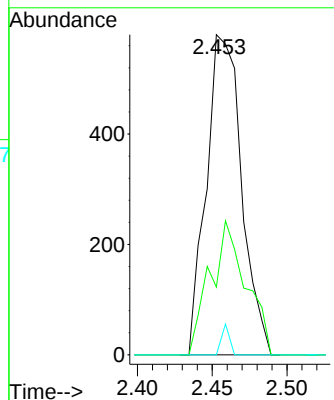


#10
Methyl Iodide
Concen: 0.373 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Instrument :
MSVOA_X
ClientSampleId :
N48963DL

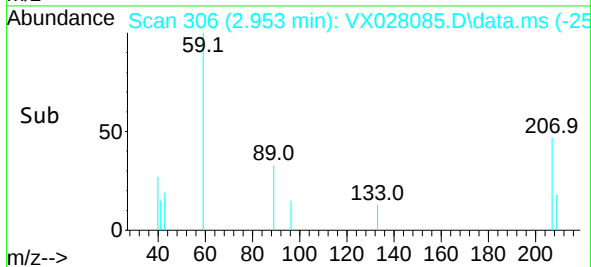
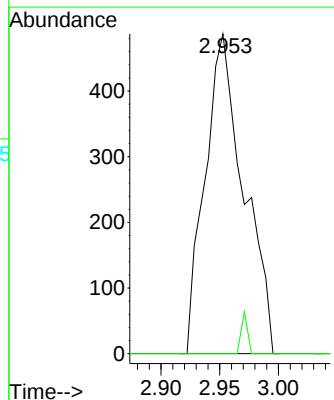
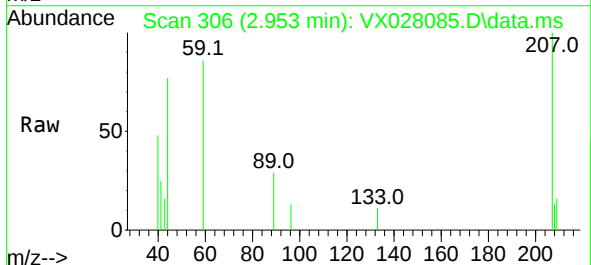


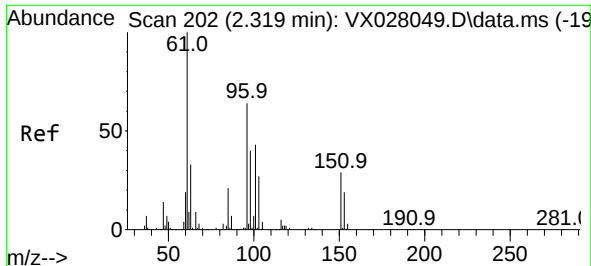
Tgt Ion:142 Resp: 949
Ion Ratio Lower Upper
142 100
127 42.9 33.9 50.9
141 2.1 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.634 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Tgt Ion: 59 Resp: 1116
Ion Ratio Lower Upper
59 100
57 2.1 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.209 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX028085.D

Acq: 13 Apr 2022 12:21

Instrument :

MSVOA_X

ClientSampleId :

N48963DL

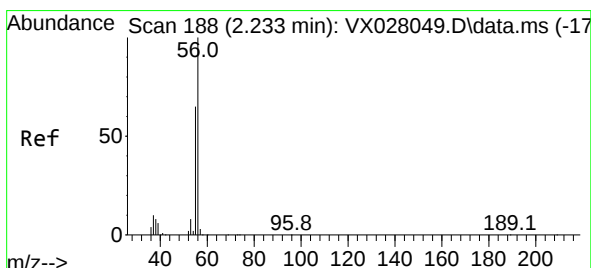
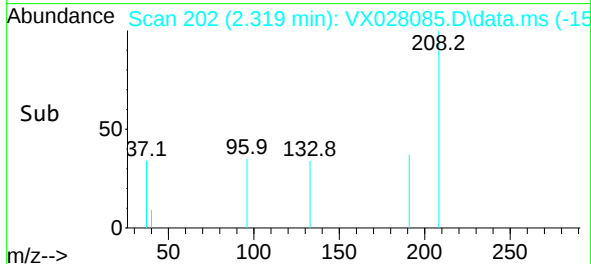
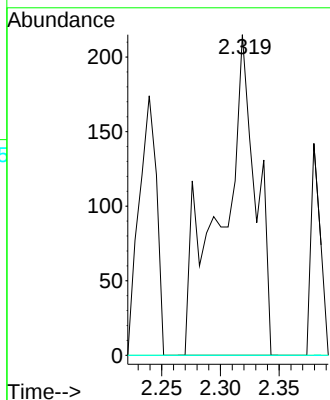
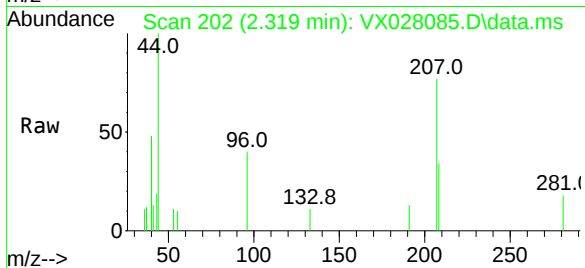
Tgt Ion: 96 Resp: 447

Ion Ratio Lower Upper

96 100

61 0.0 124.6 187.0#

98 0.0 51.0 76.4#



#13

Acrolein

Concen: Below Cal

RT: 2.264 min Scan# 193

Delta R.T. 0.031 min

Lab File: VX028085.D

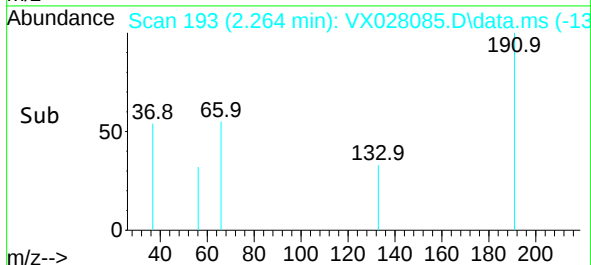
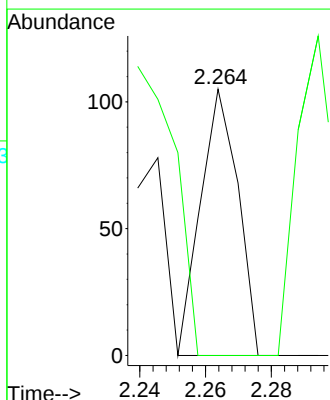
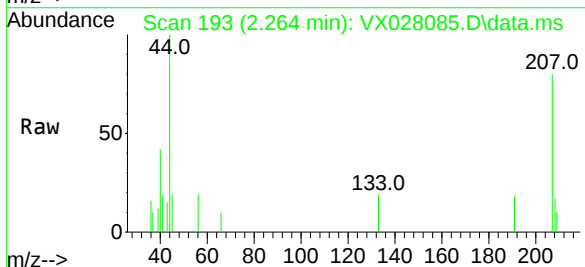
Acq: 13 Apr 2022 12:21

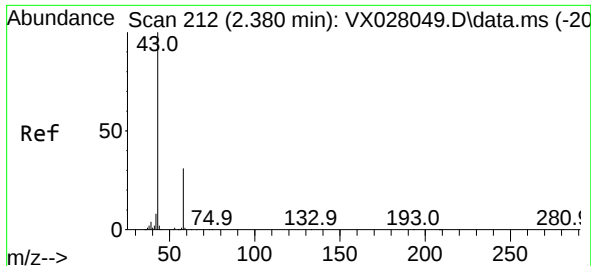
Tgt Ion: 56 Resp: 83

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

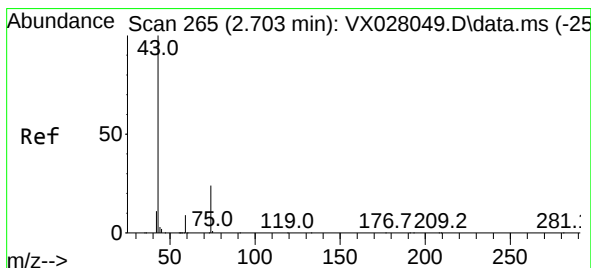
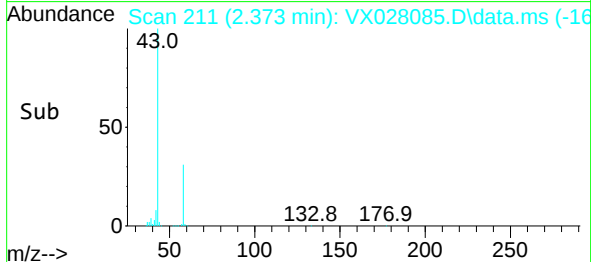
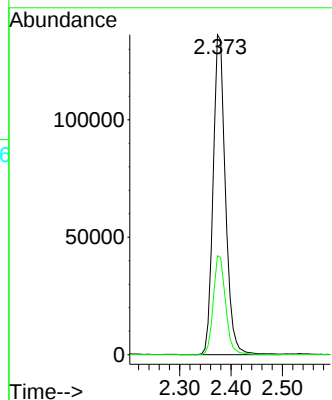
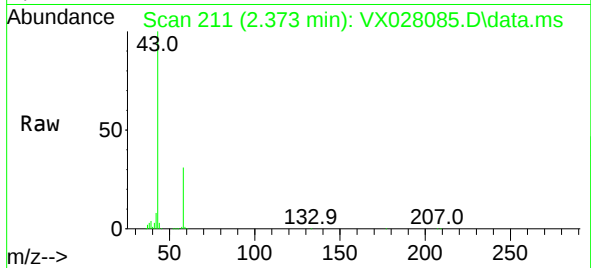




#16
Acetone
Concen: 185.401 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

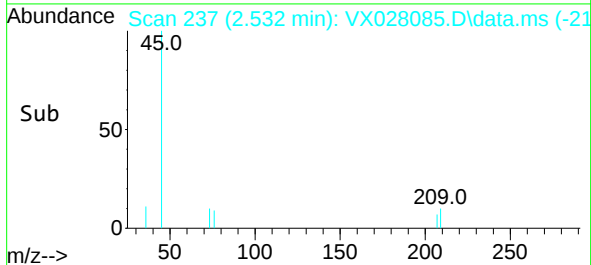
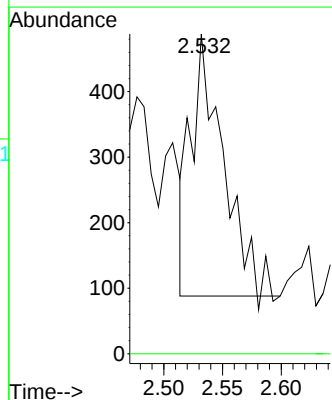
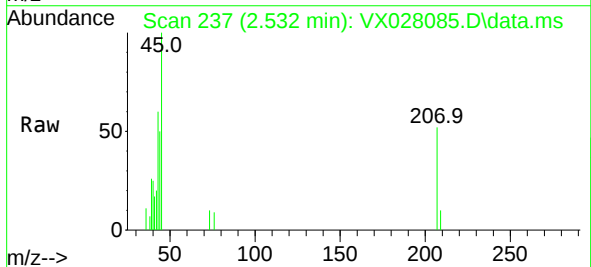
Instrument :
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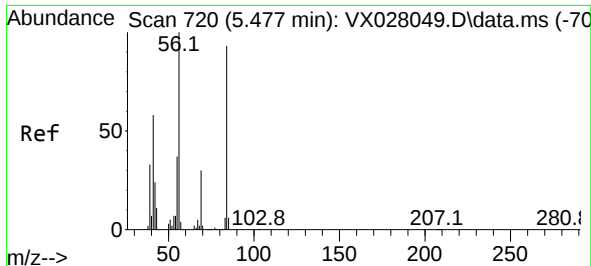
Tgt Ion: 43 Resp: 227320
Ion Ratio Lower Upper
43 100
58 30.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

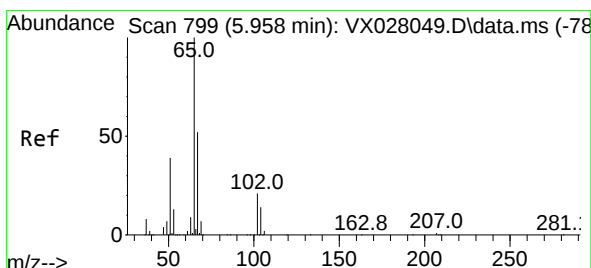
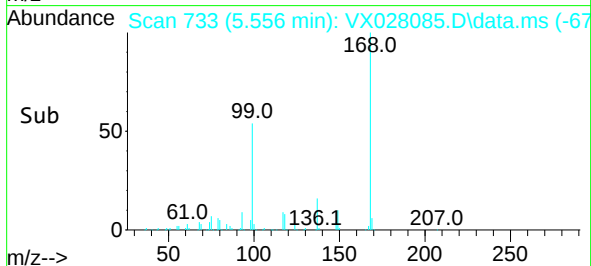
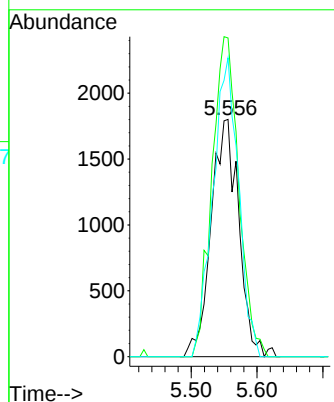
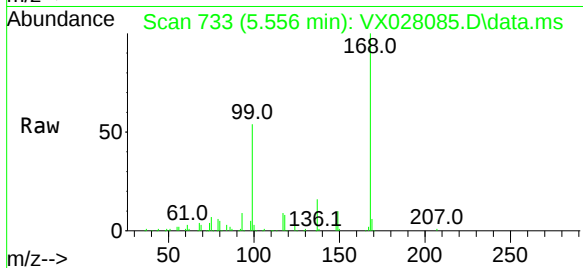




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

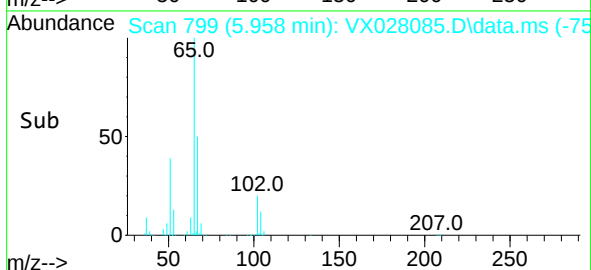
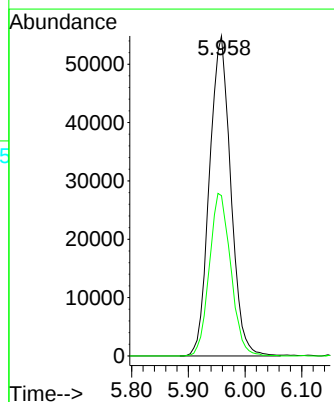
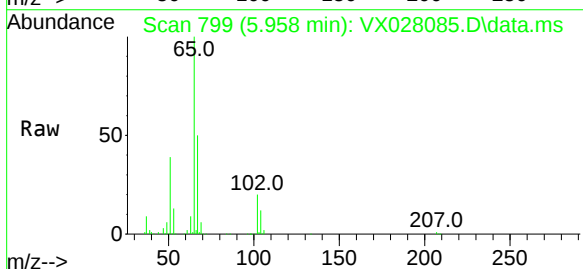
Instrument :
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ClientSampleId :
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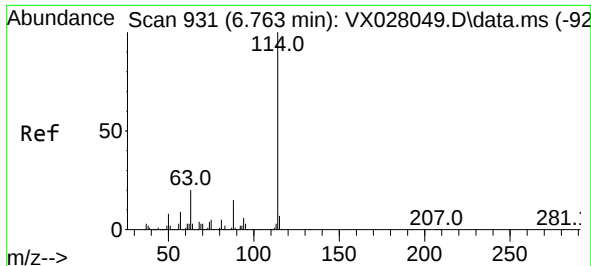
Tgt Ion: 56 Resp: 5270
Ion Ratio Lower Upper
56 100
69 134.3 26.7 40.1#
84 126.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.574 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Tgt Ion: 65 Resp: 142944
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4

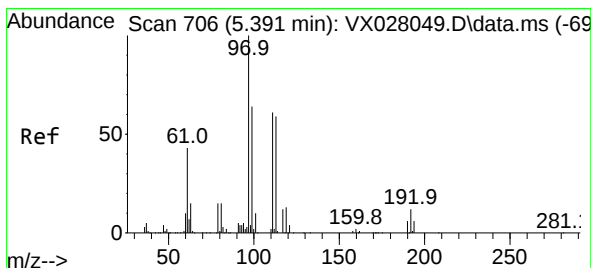
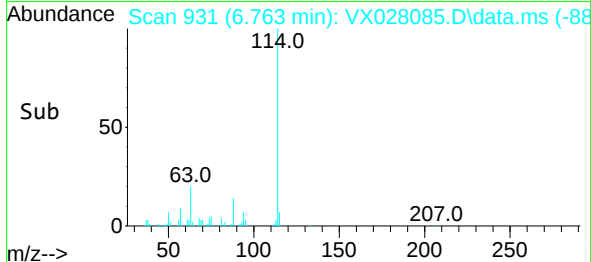
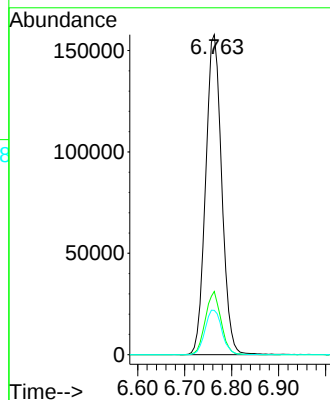
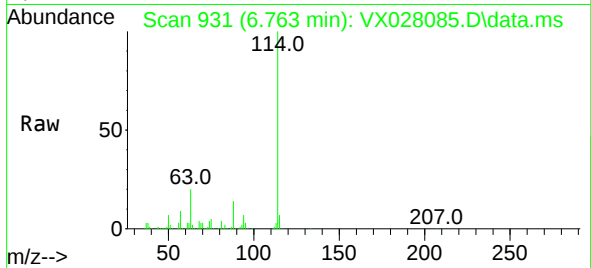




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

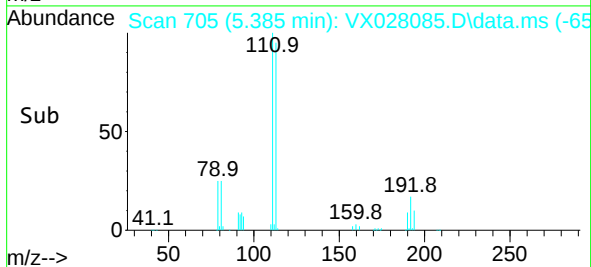
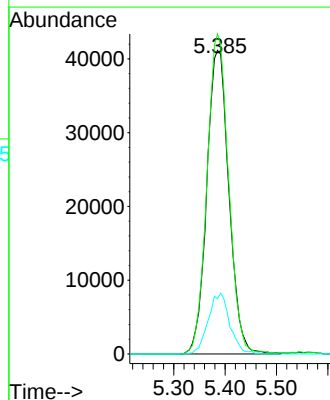
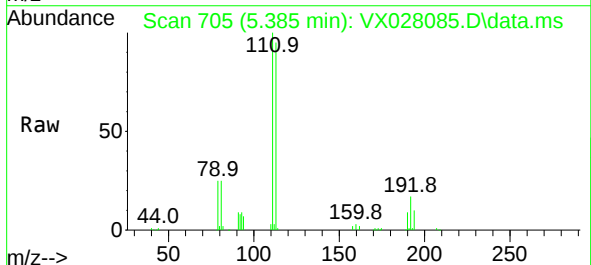
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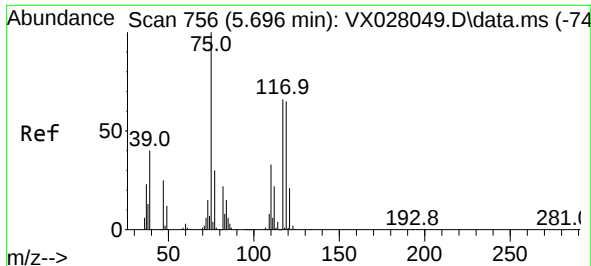
Tgt Ion:114 Resp: 374892
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 13.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.145 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Tgt Ion:113 Resp: 123184
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.4 16.9 25.3

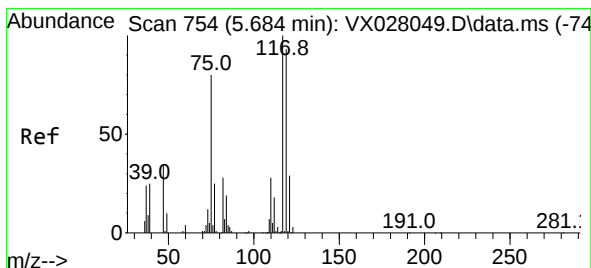
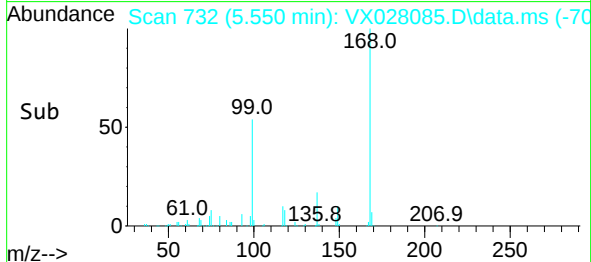
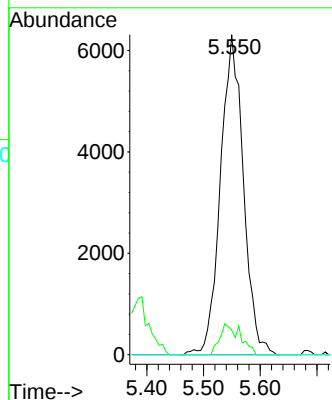
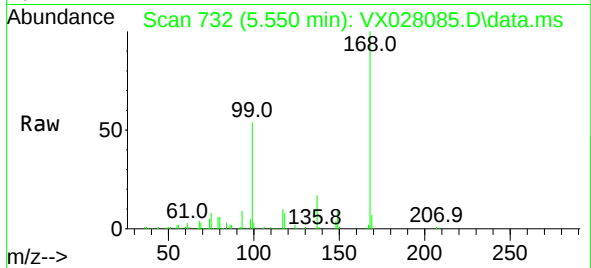




#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

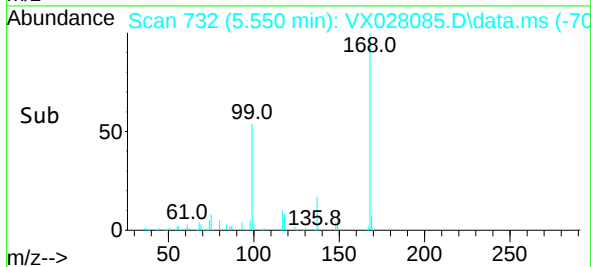
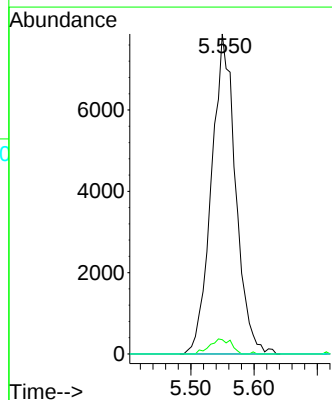
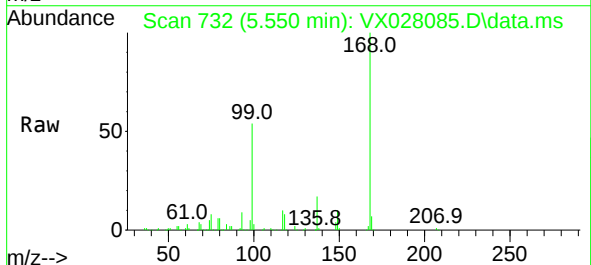
Instrument :
MSVOA_X
ClientSampleId :
N48963DL

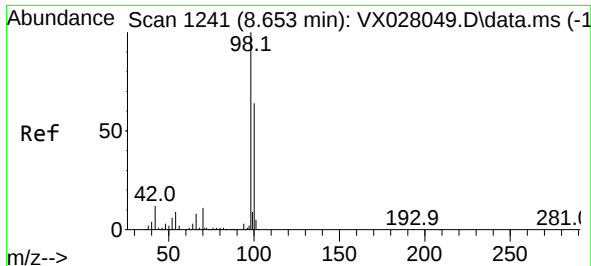
Tgt Ion: 75 Resp: 17695
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Tgt Ion: 117 Resp: 20858
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

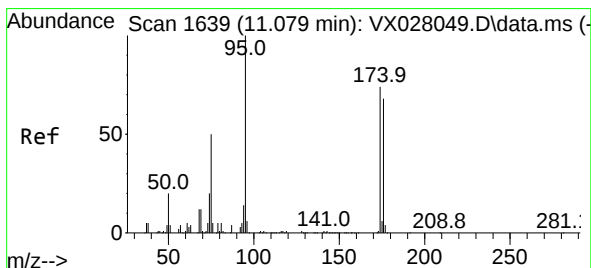
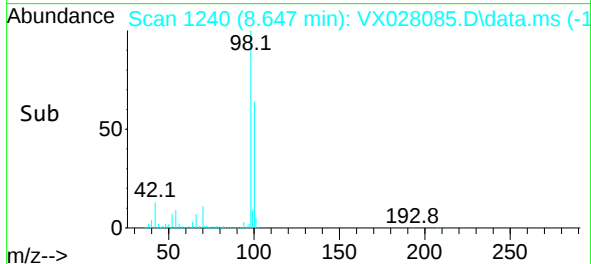
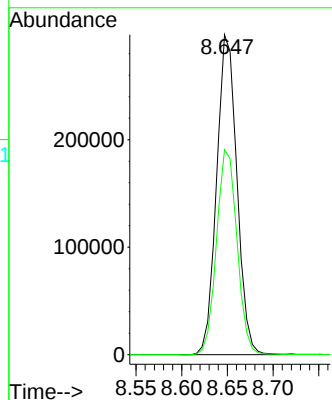
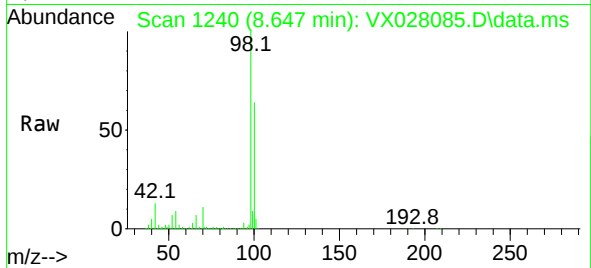




#50
Toluene-d8
Concen: 50.237 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

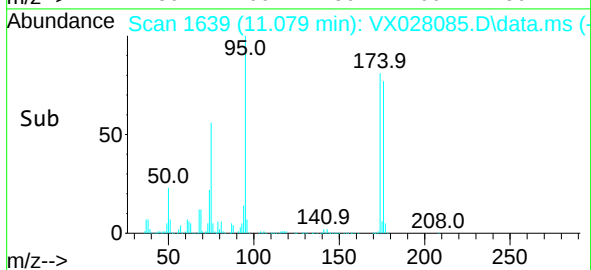
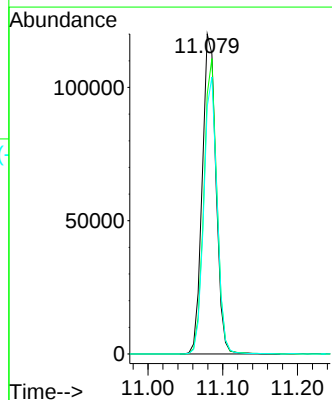
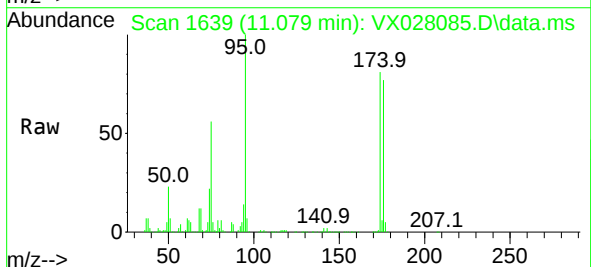
Instrument :
MSVOA_X
ClientSampleId :
N48963DL

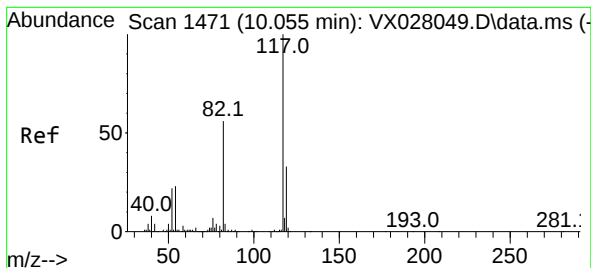
Tgt Ion: 98 Resp: 460267
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Tgt Ion: 95 Resp: 152627
Ion Ratio Lower Upper
95 100
174 88.4 0.0 163.0
176 84.4 0.0 155.0

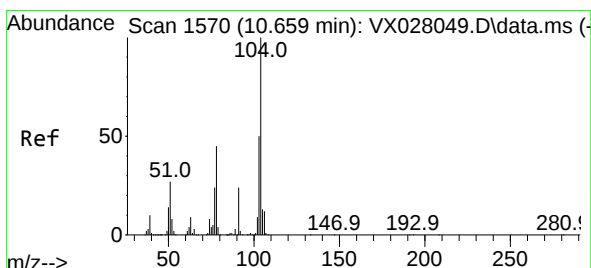
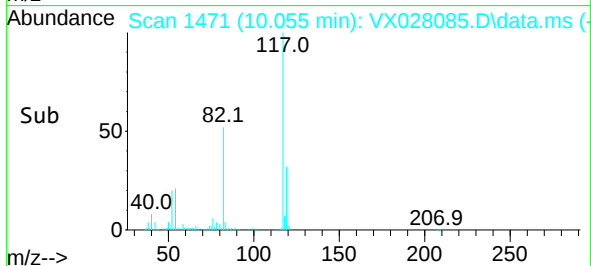
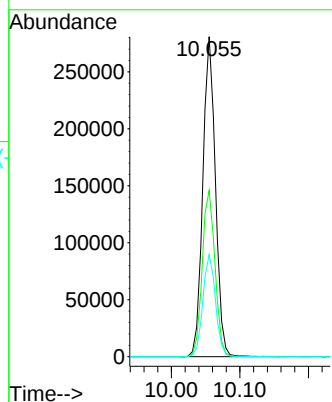
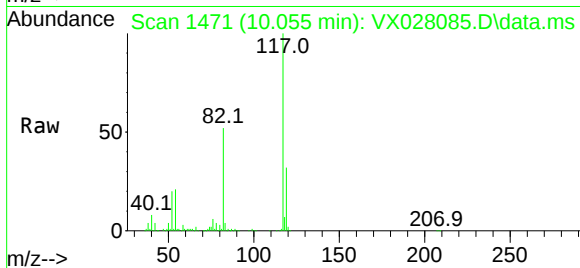




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

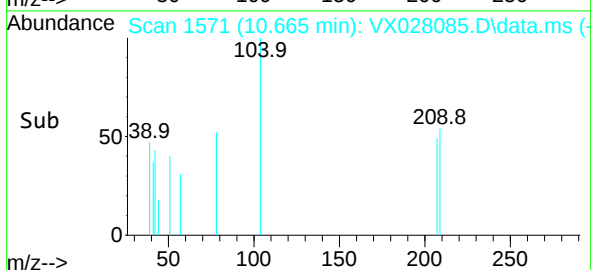
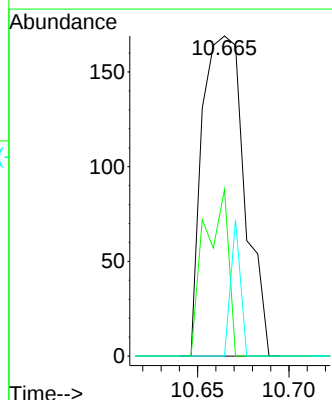
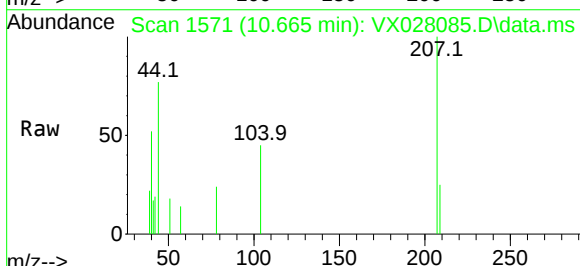
Instrument :
MSVOA_X
ClientSampleId :
N48963DL

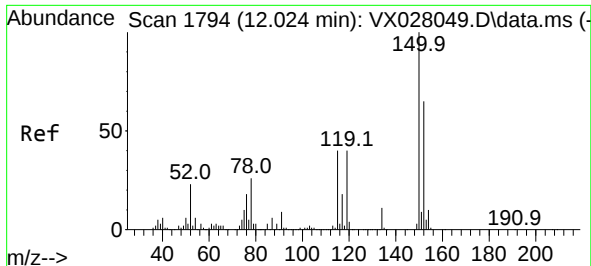
Tgt Ion:117 Resp: 359994
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.9 24.8 37.2



#70
Styrene
Concen: 4.726 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX028085.D
Acq: 13 Apr 2022 12:21

Tgt Ion:104 Resp: 272
Ion Ratio Lower Upper
104 100
78 29.0 38.6 57.8#
103 9.6 43.8 65.8#

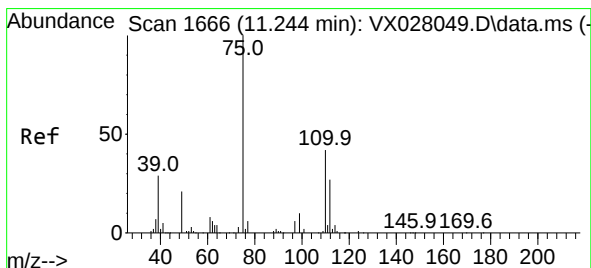
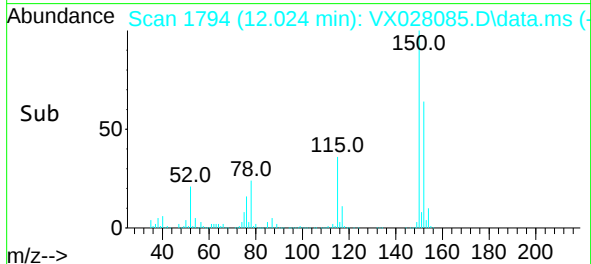
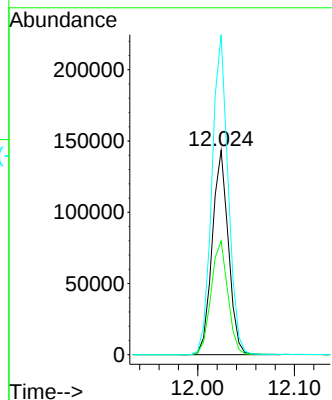
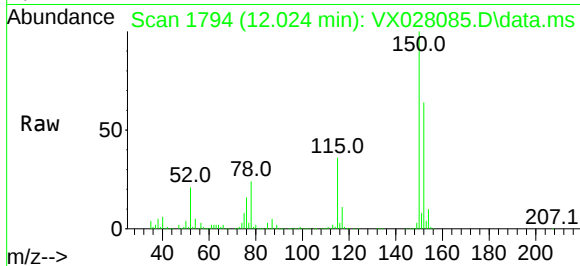




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028085.D
 Acq: 13 Apr 2022 12:21

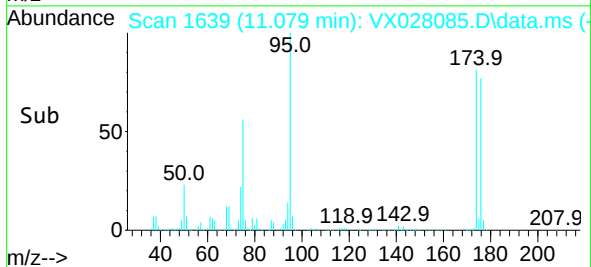
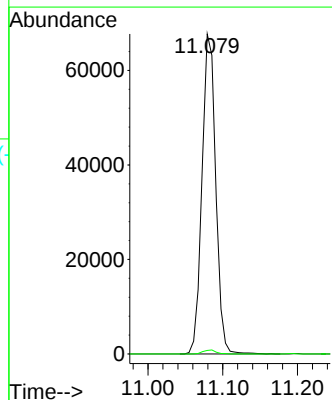
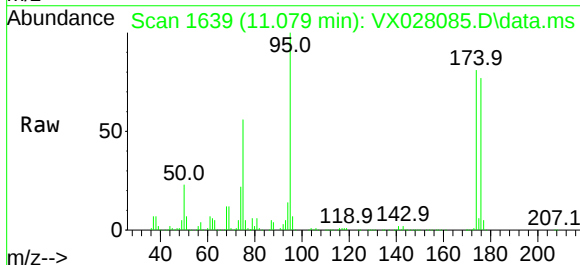
Instrument :
 MSVOA_X
 ClientSampleId :
 N48963DL

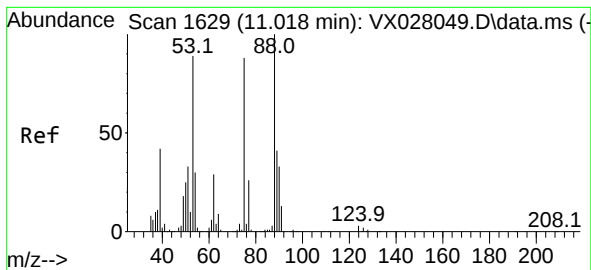
Tgt Ion:152 Resp: 166943
 Ion Ratio Lower Upper
 152 100
 115 57.5 37.5 112.7
 150 156.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.238 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028085.D
 Acq: 13 Apr 2022 12:21

Tgt Ion: 75 Resp: 86366
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.450 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028085.D
 Acq: 13 Apr 2022 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 N48963DL

Tgt Ion: 75 Resp: 86366
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

