

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029836.D
 Acq On : 28 Jun 2022 18:16
 Operator : JC/MD
 Sample : VV0628MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01

Quant Time: Jun 29 06:05:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

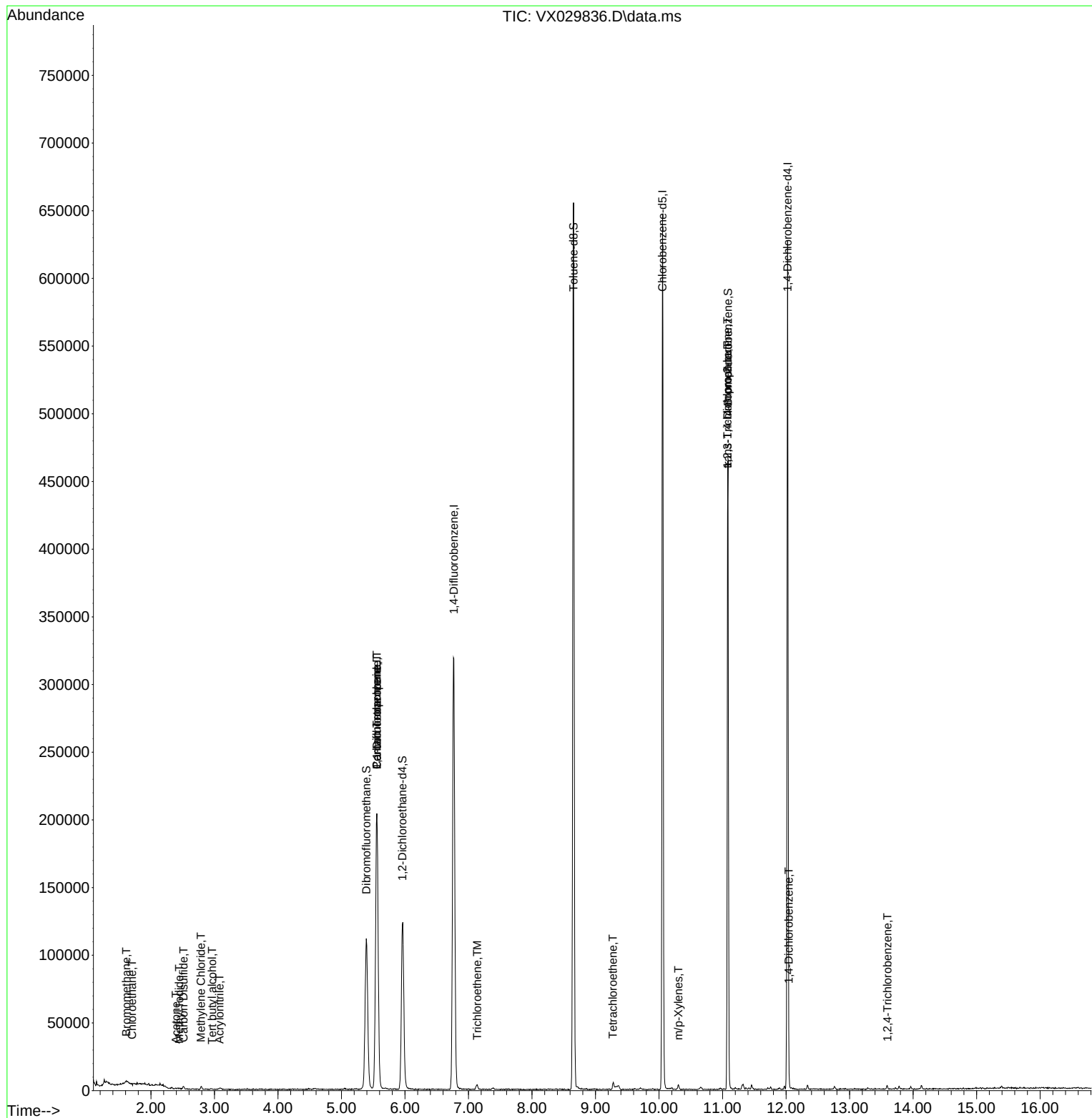
Internal Standards						
1) Pentafluorobenzene	5.556	168	201979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111409	43.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.160%		
35) Dibromofluoromethane	5.391	113	98617	45.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.160%		
50) Toluene-d8	8.653	98	395077	48.678	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.085	95	126589	44.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.240%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	397	0.319	ug/l #	33
6) Chloroethane	1.703	64	396	1.270	ug/l #	72
10) Methyl Iodide	2.447	142	672	2.106	ug/l #	77
11) Tert butyl alcohol	2.965	59	251	0.375	ug/l #	74
13) Acrolein	2.245	56	231	Below Cal	#	59
15) Acrylonitrile	3.081	53	399	0.256	ug/l #	49
16) Acetone	2.392	43	676	0.540	ug/l #	66
17) Carbon Disulfide	2.514	76	2461	0.476	ug/l	96
20) Methylene Chloride	2.788	84	850	0.322	ug/l #	80
36) 1,1-Dichloropropene	5.556	75	16078	5.588	ug/l #	46
38) Carbon Tetrachloride	5.556	117	19337	7.756	ug/l #	16
44) Trichloroethene	7.135	130	1447	0.577	ug/l	93
64) Tetrachloroethene	9.275	164	396	0.223	ug/l #	71
68) m/p-Xylenes	10.305	106	953	0.242	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	62258	21.485	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	62258	68.233	ug/l #	12
88) 1,4-Dichlorobenzene	12.042	146	1187	0.288	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	660	0.274	ug/l	93

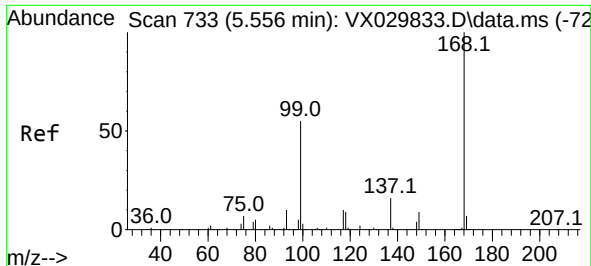
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

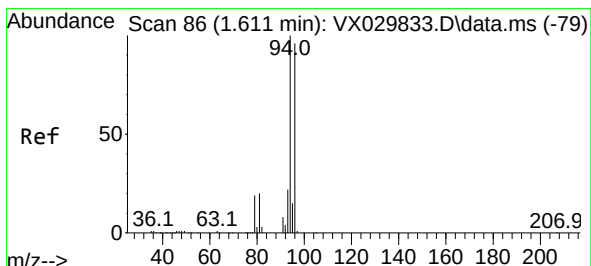
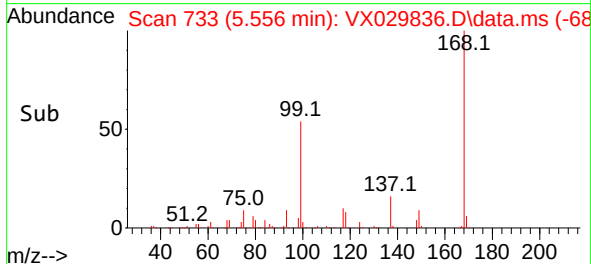
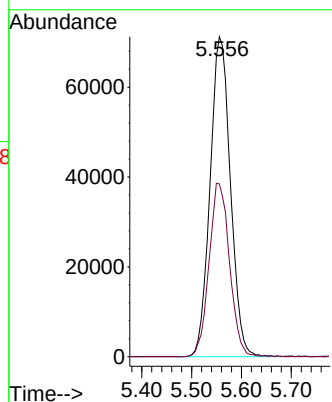
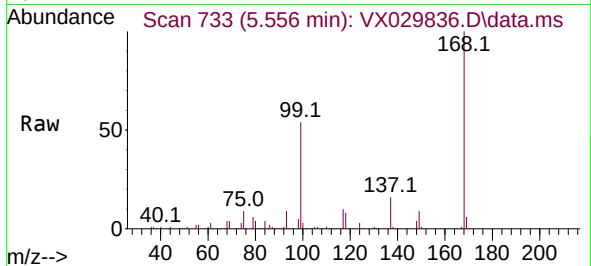




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

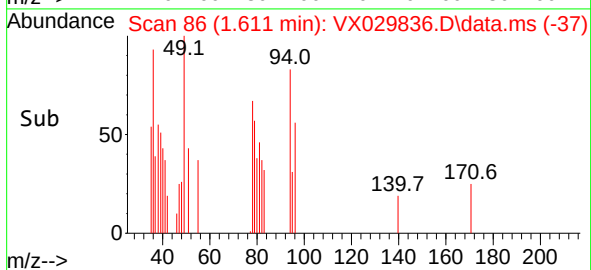
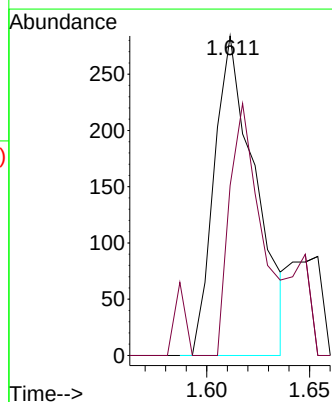
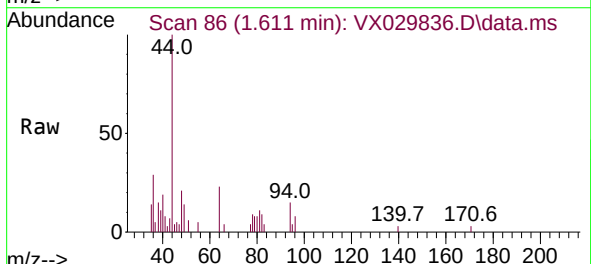
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

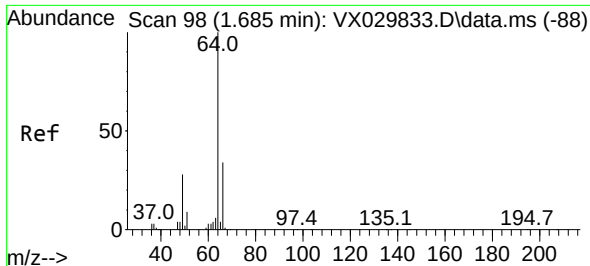
Tgt Ion:168 Resp: 201979
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#5
Bromomethane
Concen: 0.319 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 30.3 76.9 115.3#

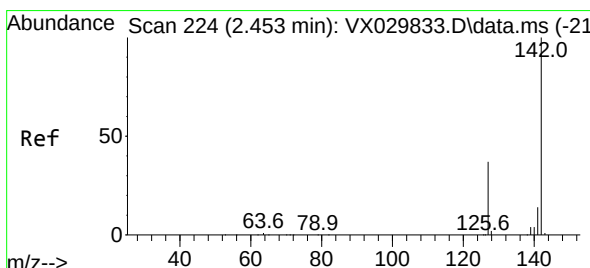
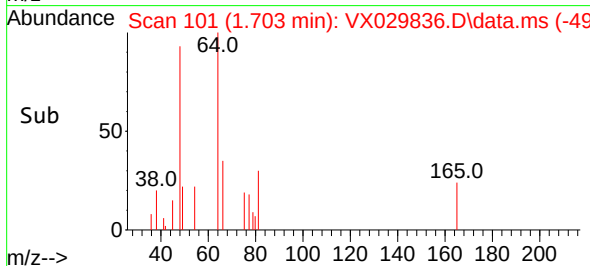
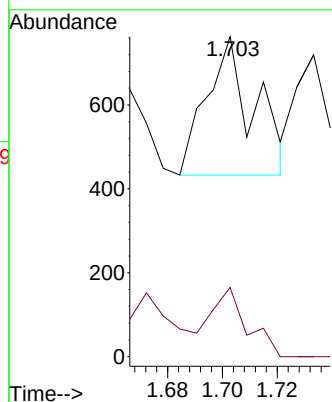
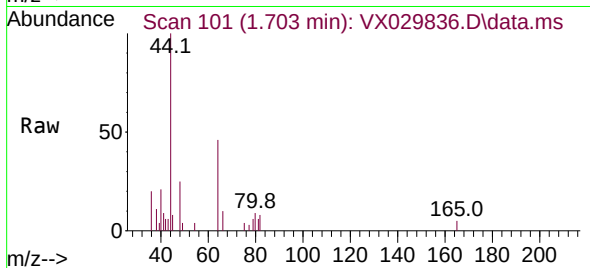




#6
Chloroethane
Concen: 1.270 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

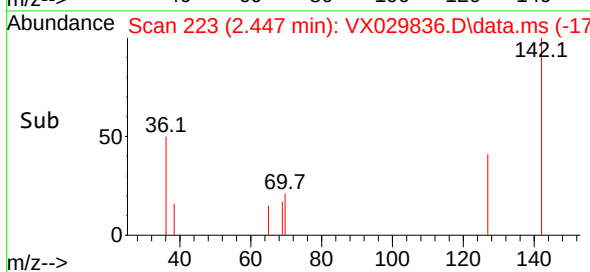
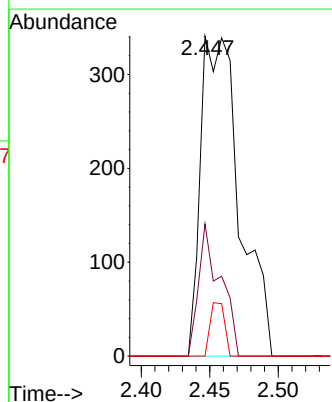
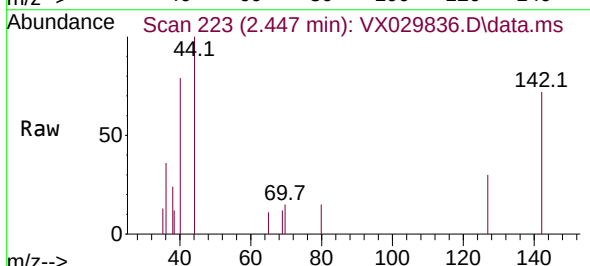
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

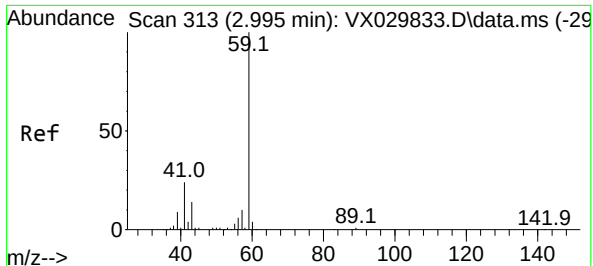
Tgt Ion: 64 Resp: 396
Ion Ratio Lower Upper
64 100
66 50.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.106 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion: 142 Resp: 672
Ion Ratio Lower Upper
142 100
127 23.2 30.2 45.2#
141 6.1 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.375 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.031 min

Lab File: VX029836.D

Acq: 28 Jun 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

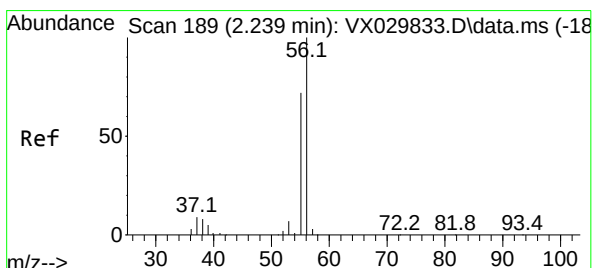
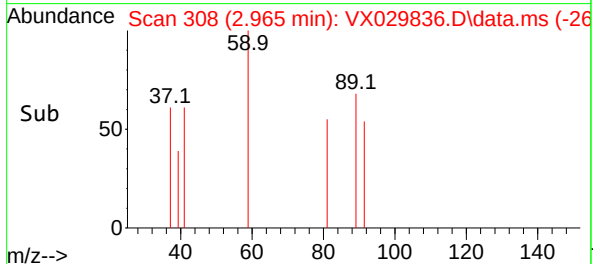
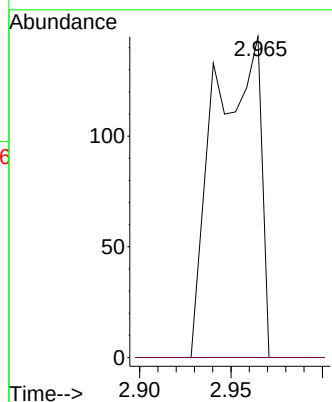
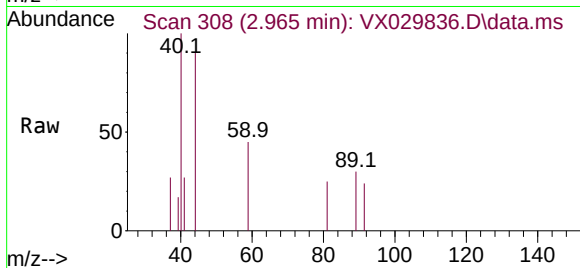
VX0628MBL01

Tgt Ion: 59 Resp: 251

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX029836.D

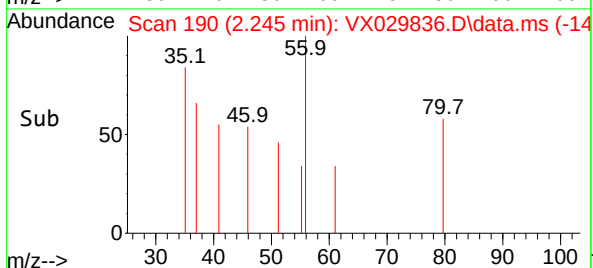
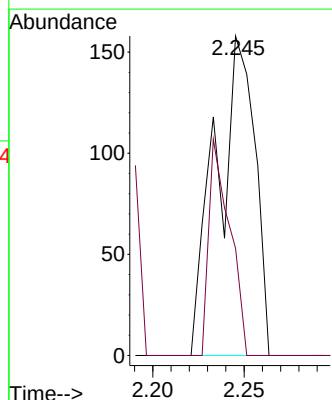
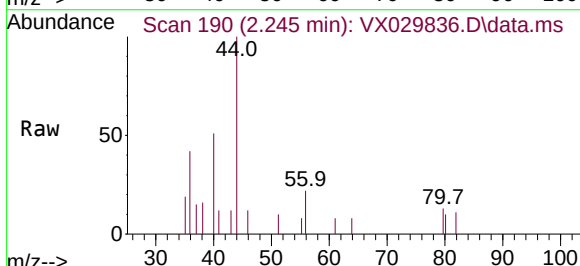
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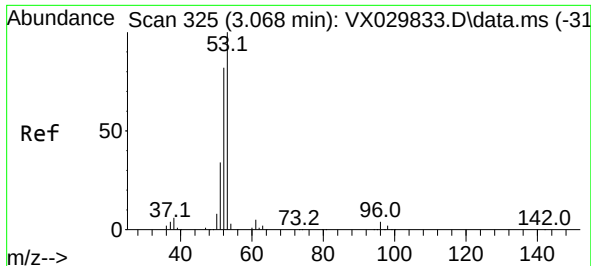
Tgt Ion: 56 Resp: 231

Ion Ratio Lower Upper

56 100

55 36.8 56.6 84.8#





#15

Acrylonitrile

Concen: 0.256 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX029836.D

Acq: 28 Jun 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VX0628MBL01

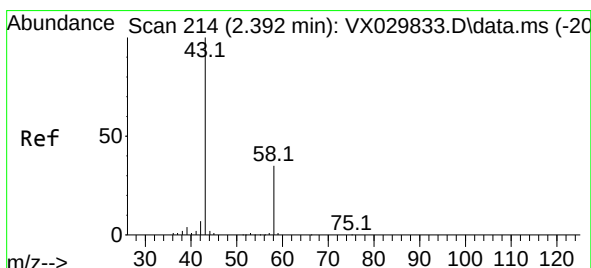
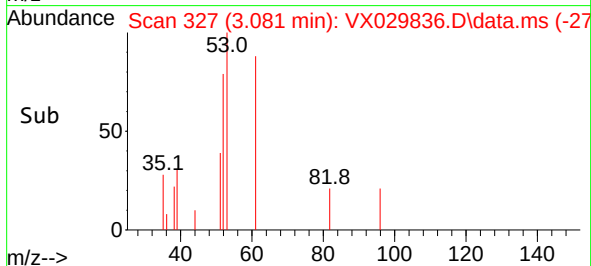
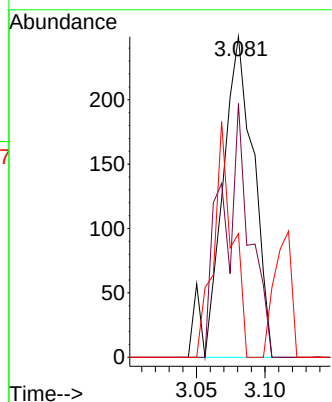
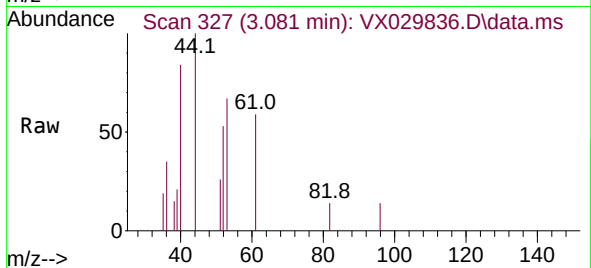
Tgt Ion: 53 Resp: 399

Ion Ratio Lower Upper

53 100

52 39.3 65.4 98.0#

51 0.0 27.7 41.5#



#16

Acetone

Concen: 0.540 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX029836.D

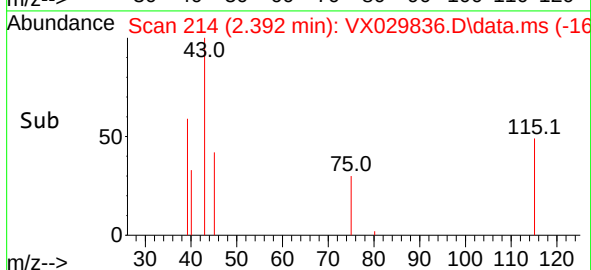
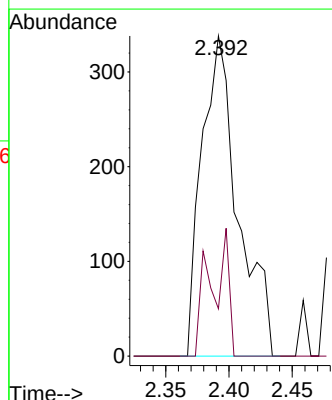
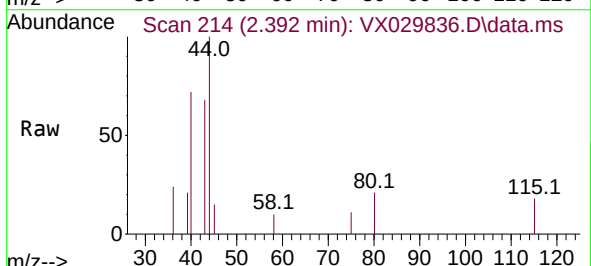
Acq: 28 Jun 2022 18:16

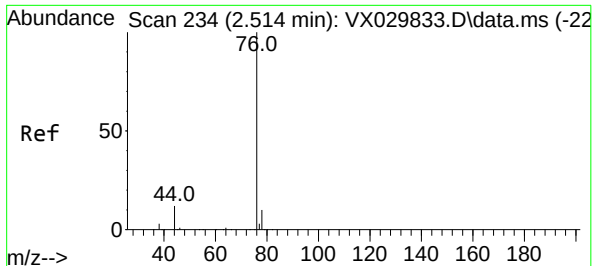
Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

58 14.8 27.7 41.5#

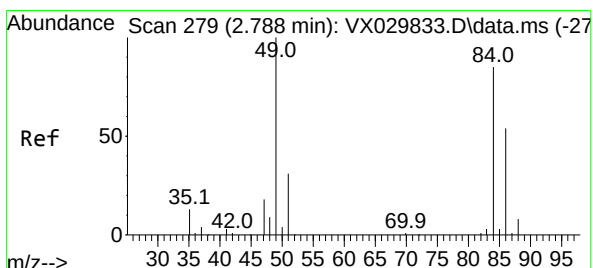
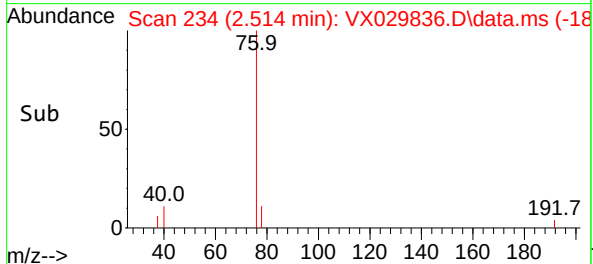
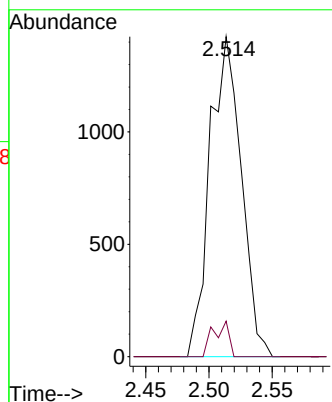
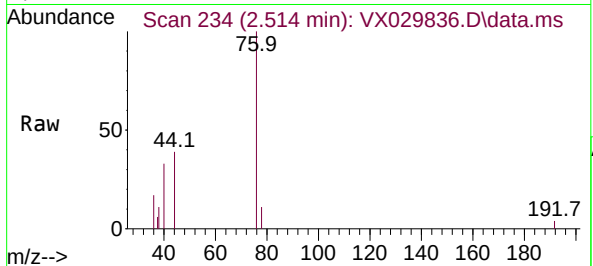




#17
Carbon Disulfide
Concen: 0.476 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

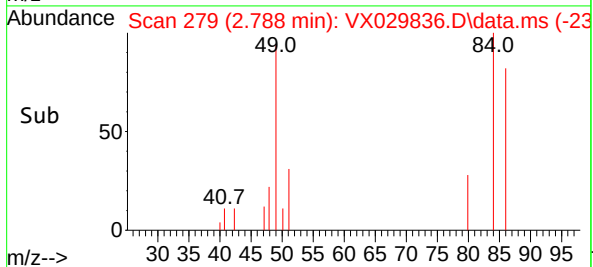
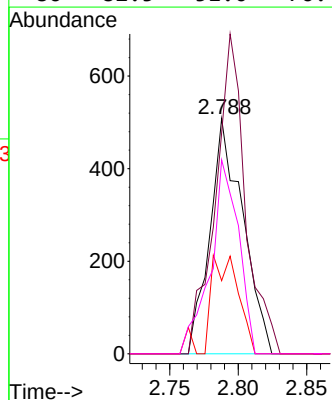
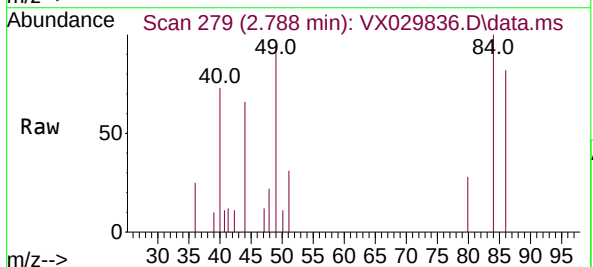
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

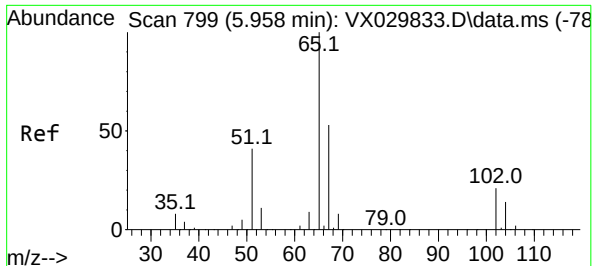
Tgt Ion: 76 Resp: 2461
Ion Ratio Lower Upper
76 100
78 11.1 7.8 11.6



#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion: 84 Resp: 850
Ion Ratio Lower Upper
84 100
49 93.9 93.8 140.6
51 31.1 29.4 44.0
86 82.5 51.0 76.4#





#33

1,2-Dichloroethane-d4

Concen: 43.575 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029836.D

Acq: 28 Jun 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

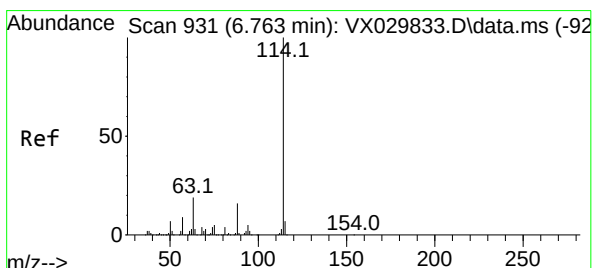
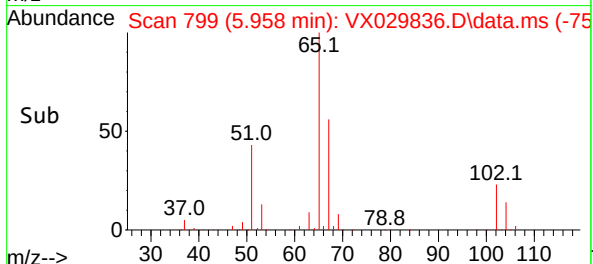
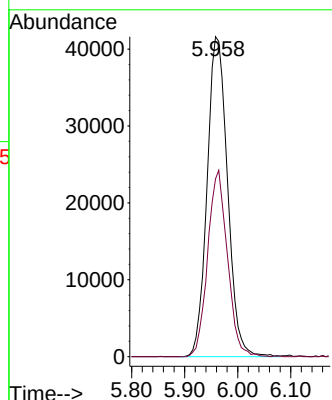
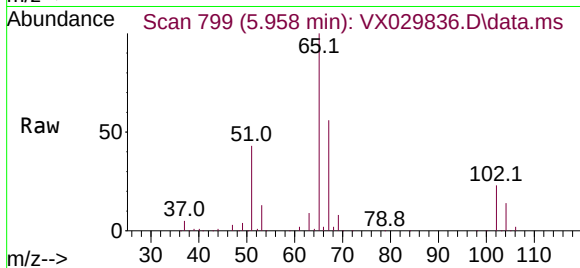
VX0628MBL01

Tgt Ion: 65 Resp: 111409

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029836.D

Acq: 28 Jun 2022 18:16

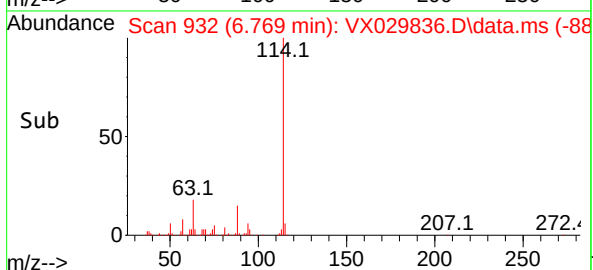
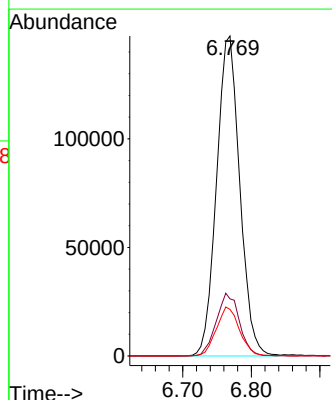
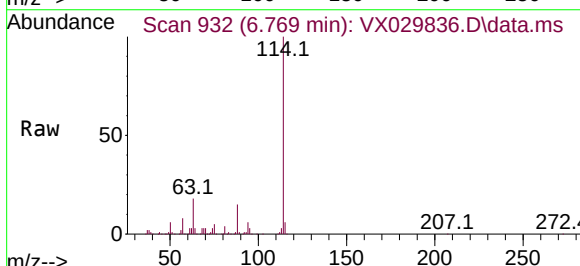
Tgt Ion: 114 Resp: 346180

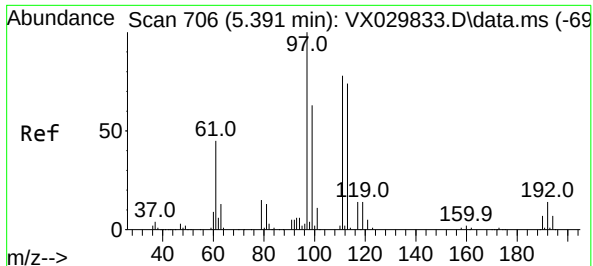
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 14.6 0.0 31.8

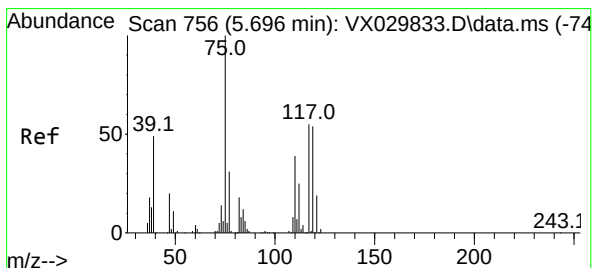
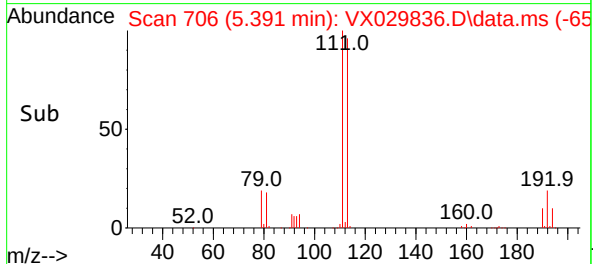
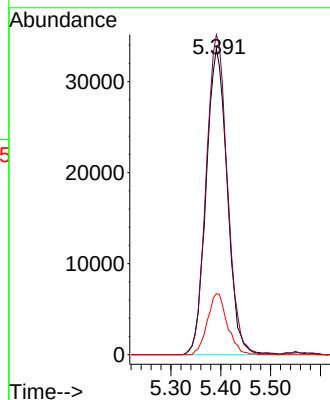
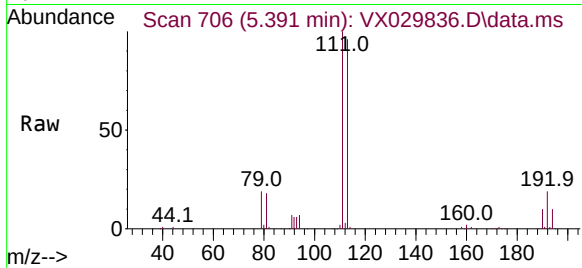




#35
Dibromofluoromethane
Concen: 45.583 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

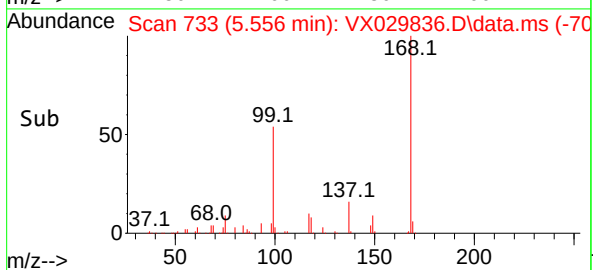
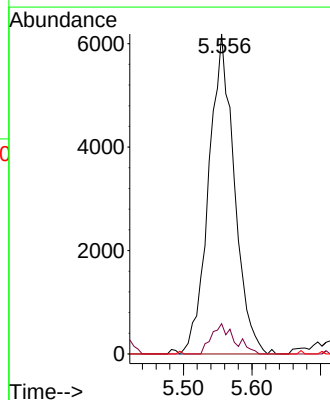
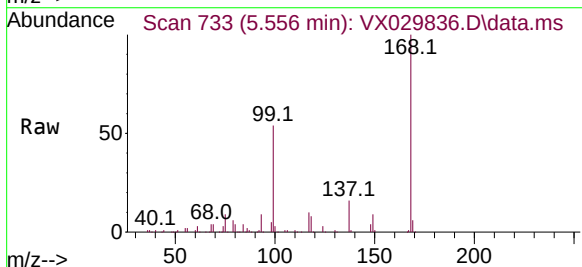
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

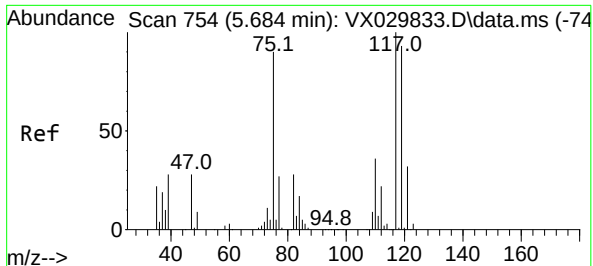
Tgt Ion:113 Resp: 98617
Ion Ratio Lower Upper
113 100
111 105.0 83.2 124.8
192 18.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.588 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion: 75 Resp: 16078
Ion Ratio Lower Upper
75 100
110 7.1 19.3 57.9#
77 0.0 24.4 36.6#

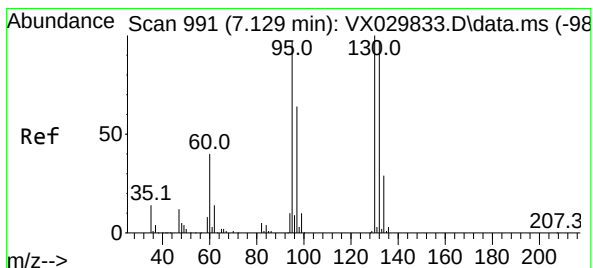
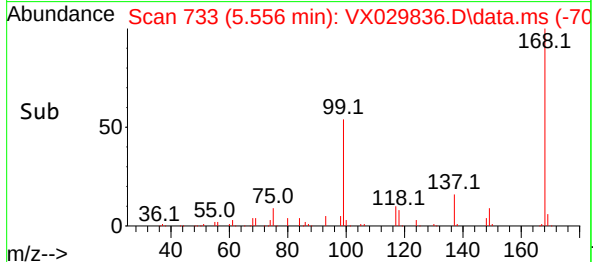
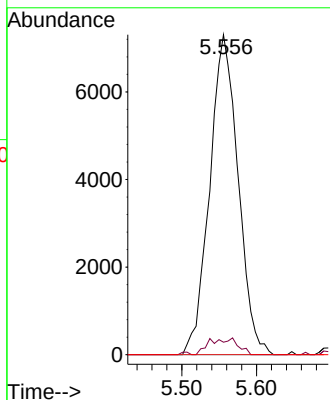
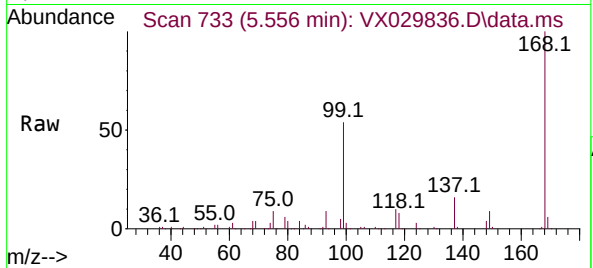




#38
Carbon Tetrachloride
Concen: 7.756 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

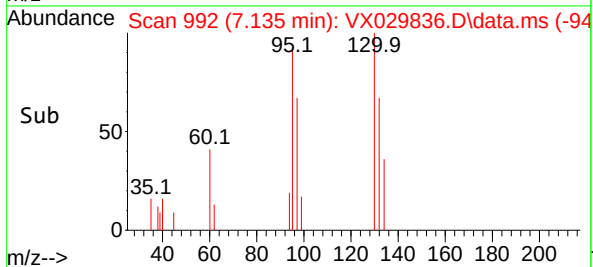
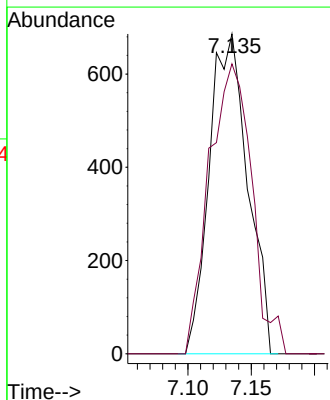
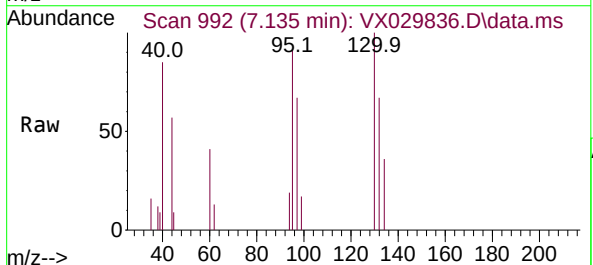
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

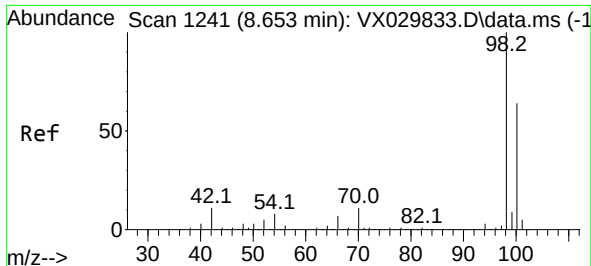
Tgt Ion:117 Resp: 19337
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.577 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion:130 Resp: 1447
Ion Ratio Lower Upper
130 100
95 90.7 0.0 194.8

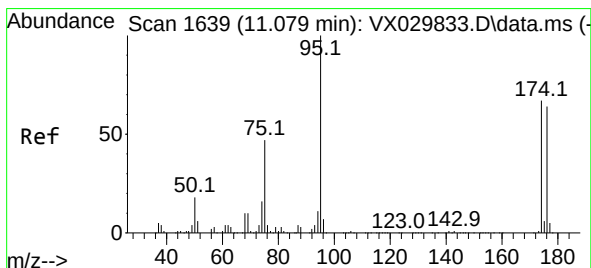
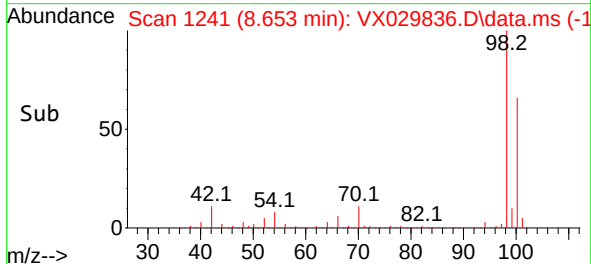
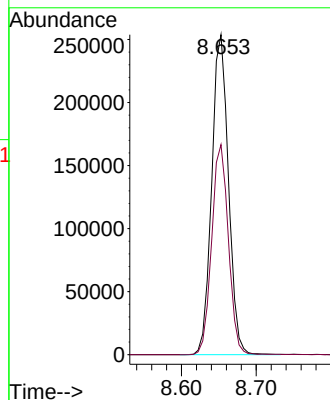
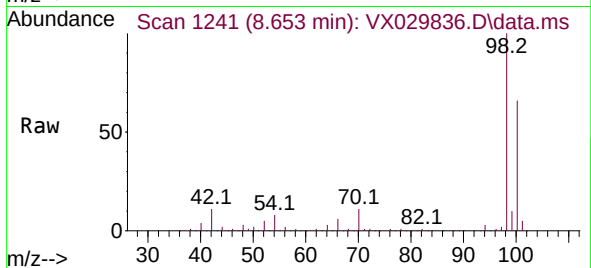




#50
Toluene-d8
Concen: 48.678 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

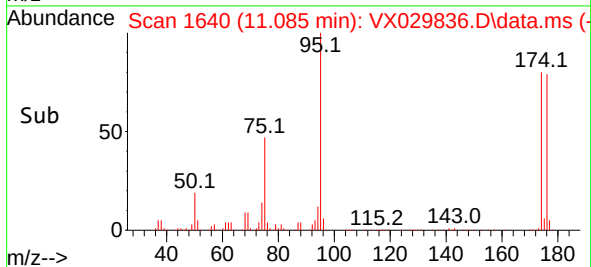
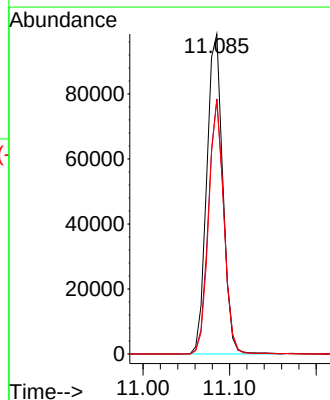
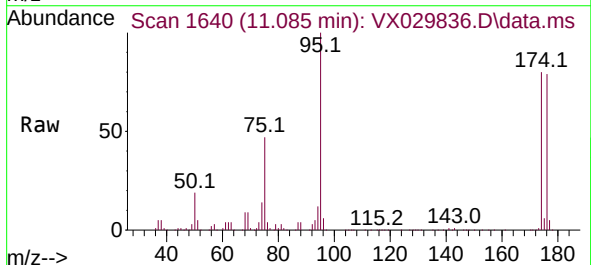
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

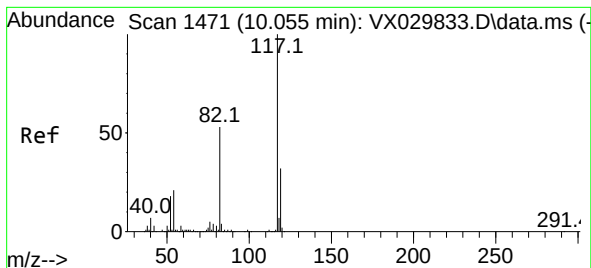
Tgt Ion: 98 Resp: 395077
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.124 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion: 95 Resp: 126589
Ion Ratio Lower Upper
95 100
174 76.6 0.0 149.0
176 75.1 0.0 146.0

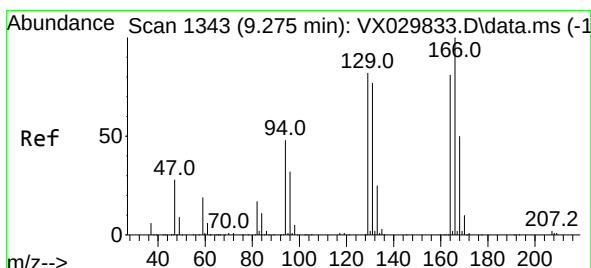
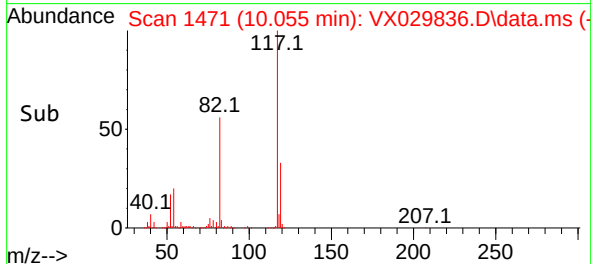
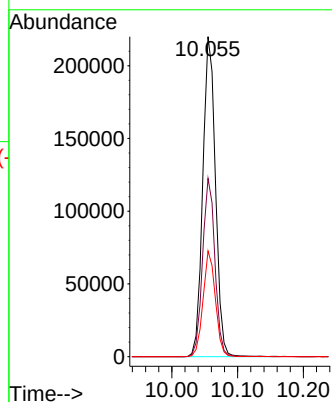
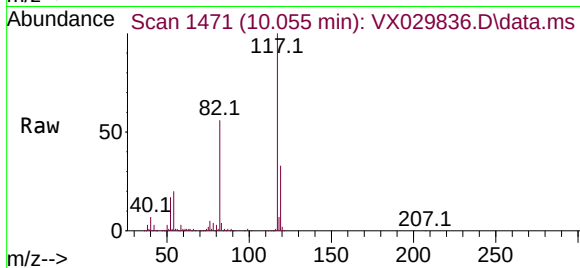




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

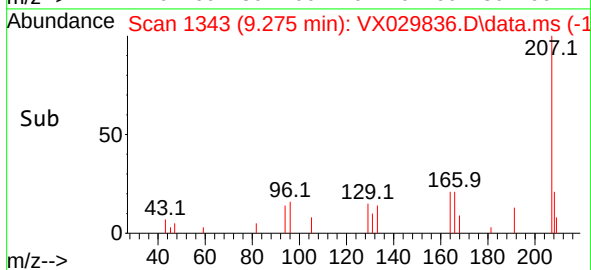
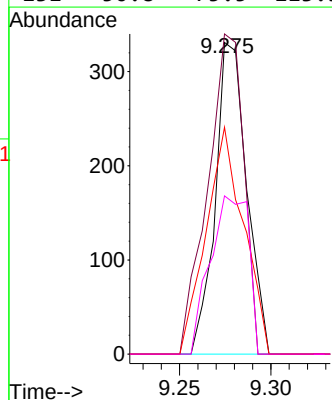
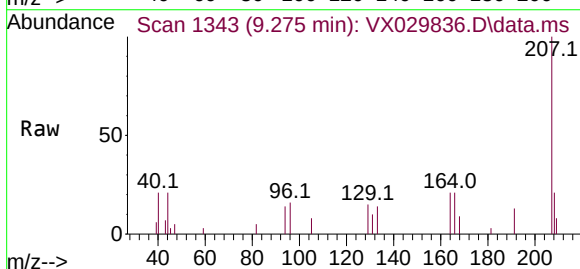
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

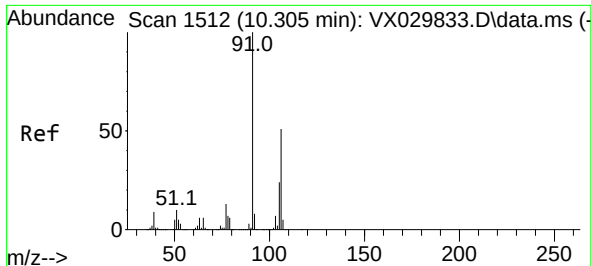
Tgt Ion:117 Resp: 294516
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 33.1 25.4 38.2



#64
Tetrachloroethene
Concen: 0.223 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion:164 Resp: 396
Ion Ratio Lower Upper
164 100
166 102.7 98.2 147.4
129 72.8 80.8 121.2#
131 50.8 75.5 113.3#

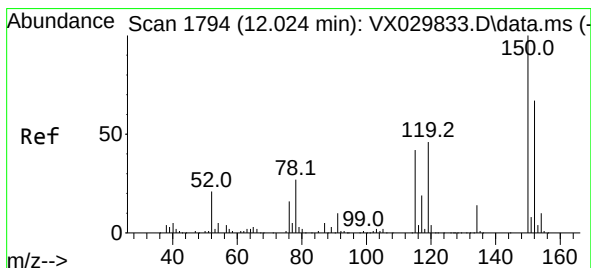
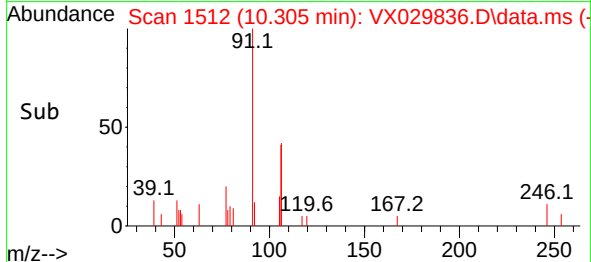
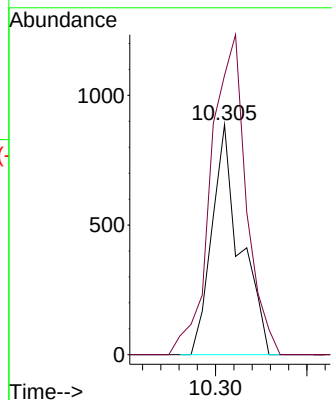
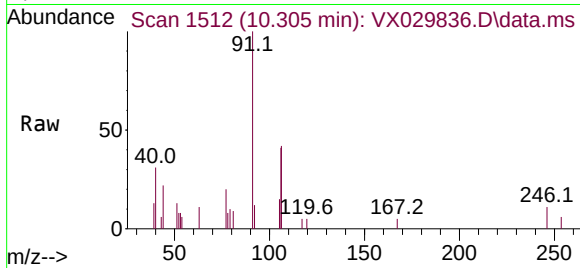




#68
m/p-Xylenes
Concen: 0.242 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

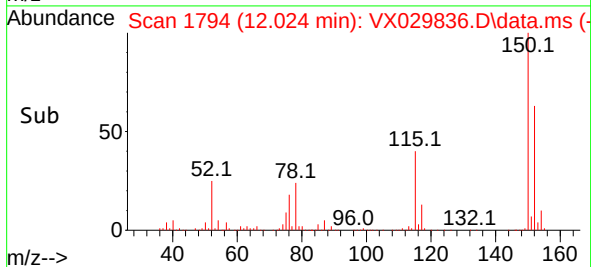
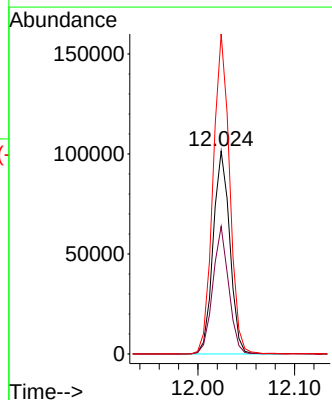
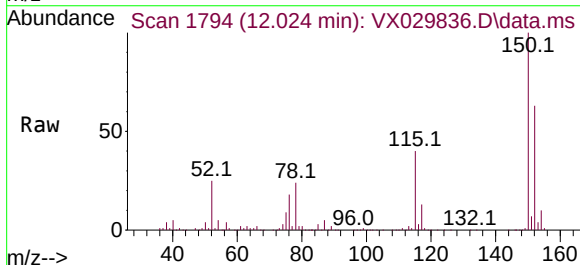
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

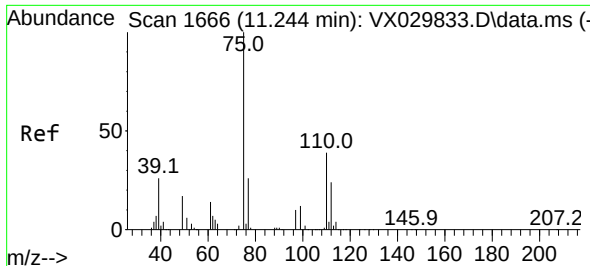
Tgt Ion:106 Resp: 953
Ion Ratio Lower Upper
106 100
91 172.9 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion:152 Resp: 121046
Ion Ratio Lower Upper
152 100
115 60.0 40.5 121.5
150 157.2 0.0 347.0

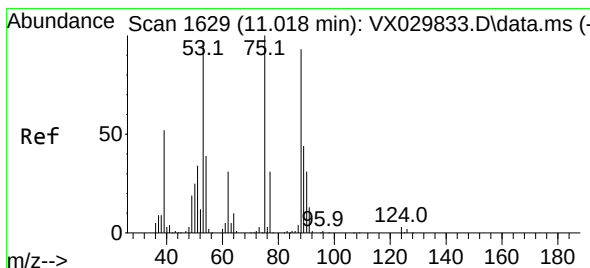
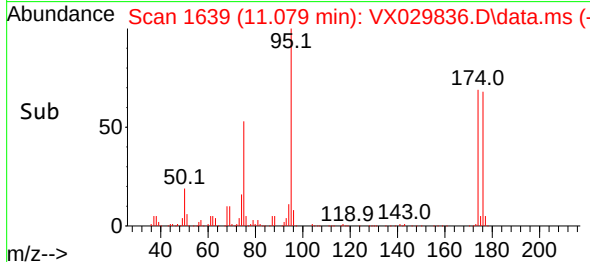
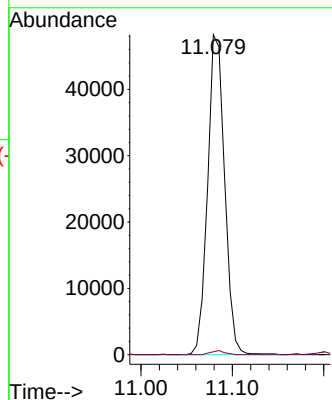
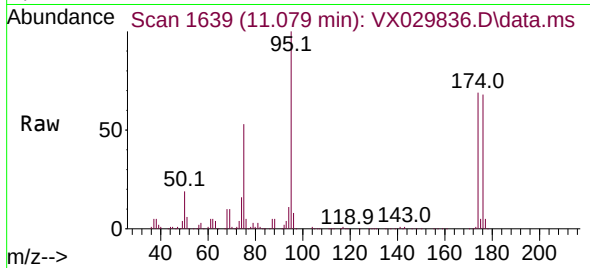




#76
1,2,3-Trichloropropane
Concen: 21.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

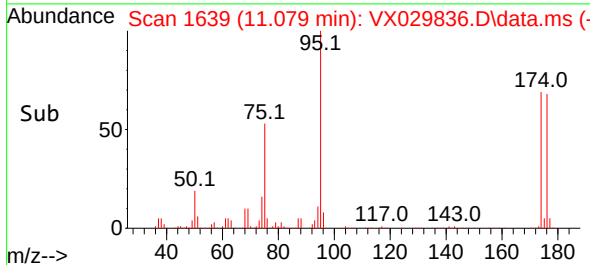
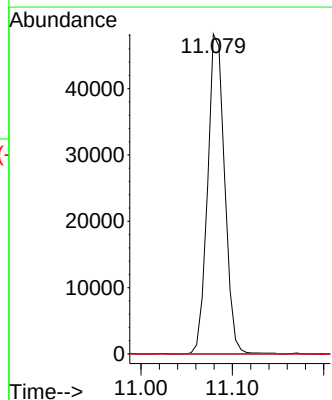
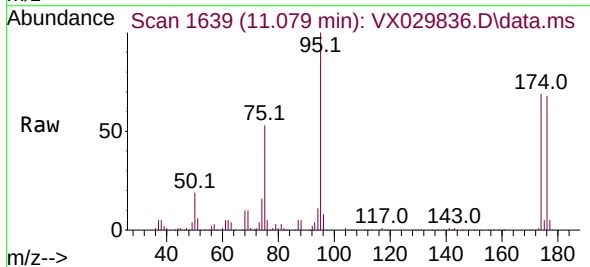
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

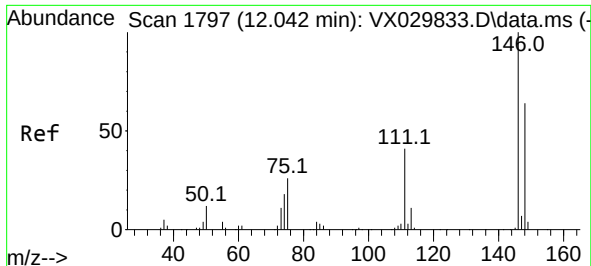
Tgt Ion: 75 Resp: 62258
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029836.D
Acq: 28 Jun 2022 18:16

Tgt Ion: 75 Resp: 62258
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

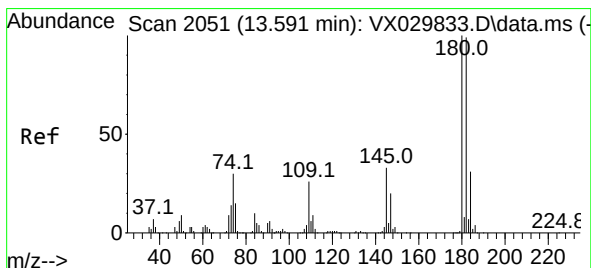
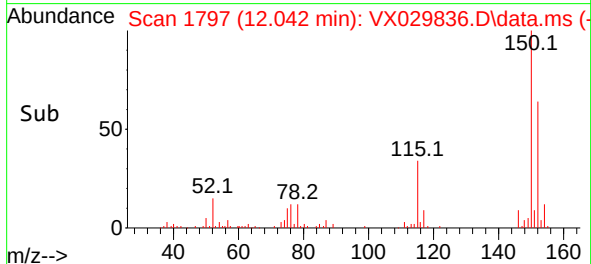
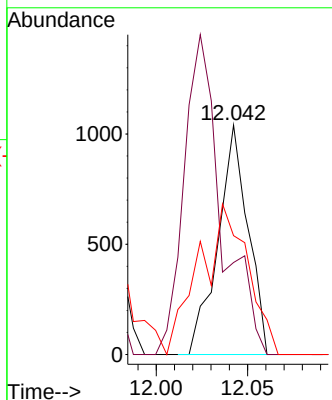
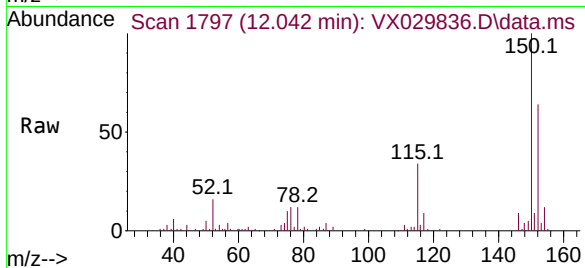




#88
 1,4-Dichlorobenzene
 Concen: 0.288 ug/l
 RT: 12.042 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: VX029836.D
 Acq: 28 Jun 2022 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	173.8	20.3	60.9#
148	105.6	32.3	96.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.006 min
 Lab File: VX029836.D
 Acq: 28 Jun 2022 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.3	48.2	144.6
145	32.0	15.9	47.6

