

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032329.D
 Acq On : 24 Oct 2022 10:49
 Operator : JC/MD
 Sample : VX1024MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBL01

Quant Time: Oct 25 03:25:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81573	47.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.420%
35) Dibromofluoromethane	5.385	113	67998	46.919	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.647	98	244977	46.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.920%
62) 4-Bromofluorobenzene	11.079	95	84455	44.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%

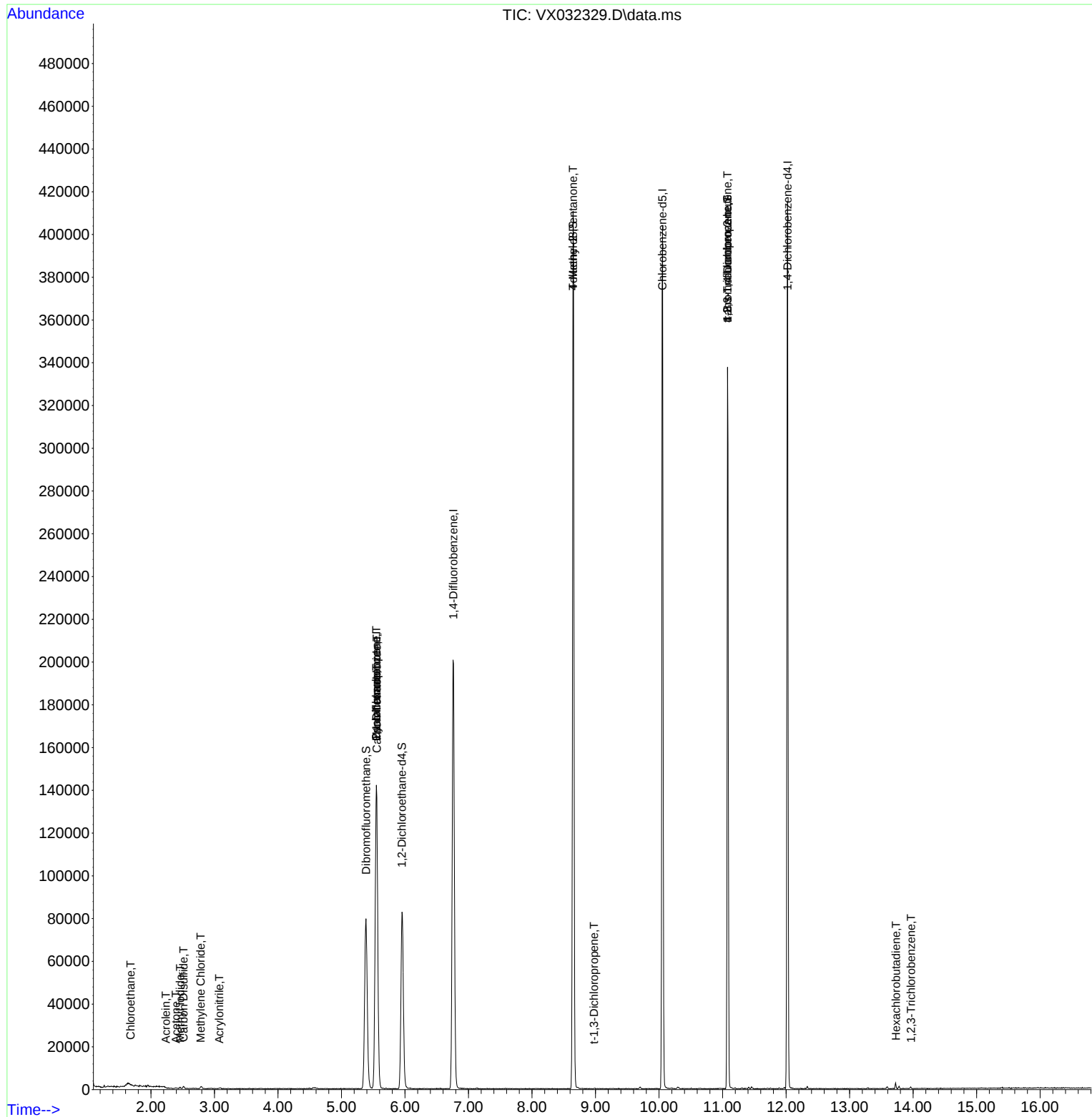
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	113	Below Cal	#	44
6) Chloroethane	1.678	64	73	2.006	ug/l #	41
10) Methyl Iodide	2.459	142	403	0.221	ug/l	97
13) Acrolein	2.233	56	101	0.480	ug/l #	14
15) Acrylonitrile	3.074	53	193	0.298	ug/l #	42
16) Acetone	2.392	43	253	0.451	ug/l #	44
17) Carbon Disulfide	2.513	76	1264	0.455	ug/l #	94
20) Methylene Chloride	2.782	84	452	0.314	ug/l	93
31) Cyclohexane	5.550	56	2961	1.499	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	10523	5.645	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14067	7.148	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1152	0.641	ug/l #	1
53) t-1,3-Dichloropropene	8.976	75	119	1.873	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	45002	27.335	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	45002	83.897	ug/l #	6
94) Hexachlorobutadiene	13.731	225	400	0.516	ug/l	86
96) 1,2,3-Trichlorobenzene	13.969	180	367	0.204	ug/l #	76

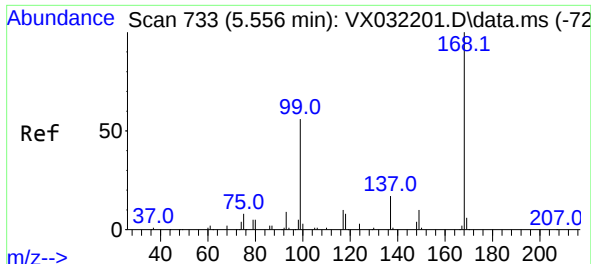
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Oct 25 03:25:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

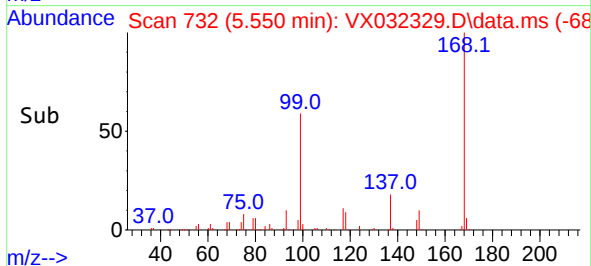
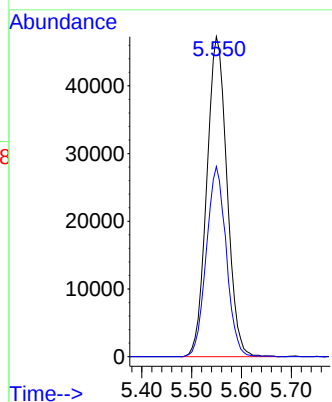
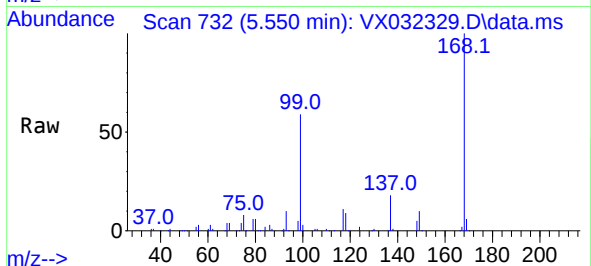




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

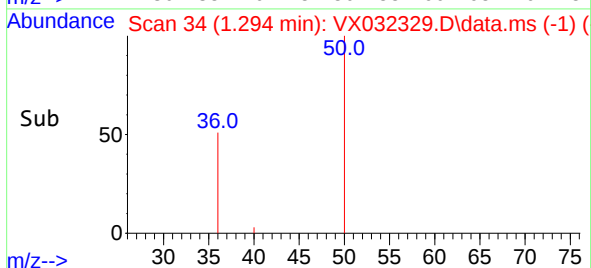
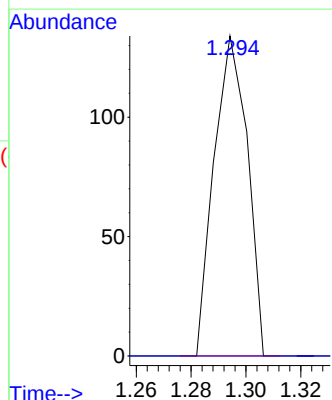
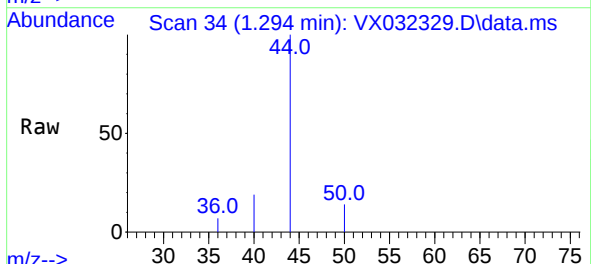
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

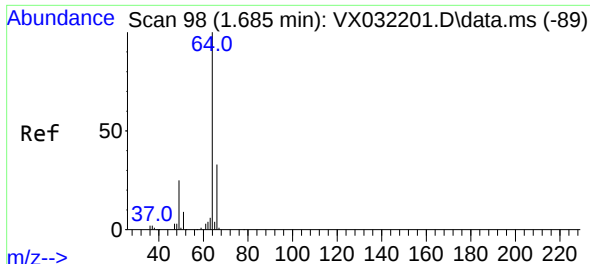
Tgt Ion:168 Resp: 132823
Ion Ratio Lower Upper
168 100
99 59.4 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

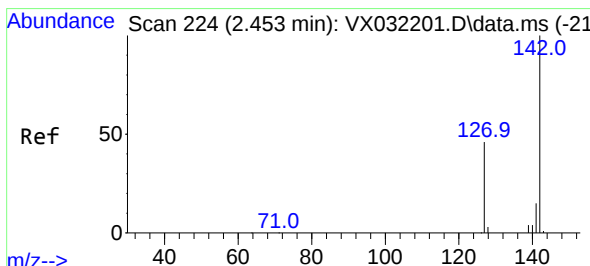
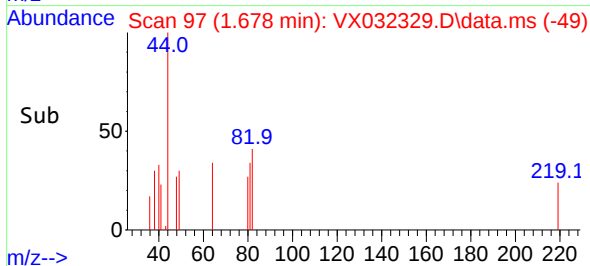
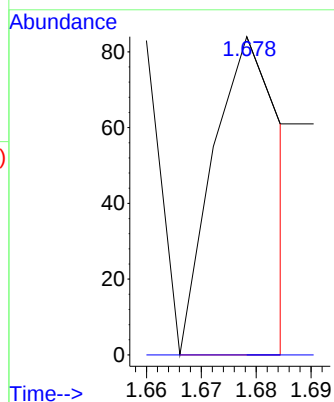
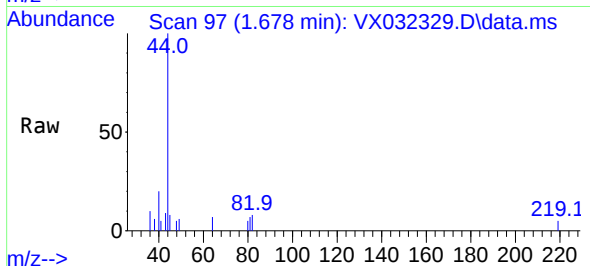




#6
Chloroethane
Concen: 2.006 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

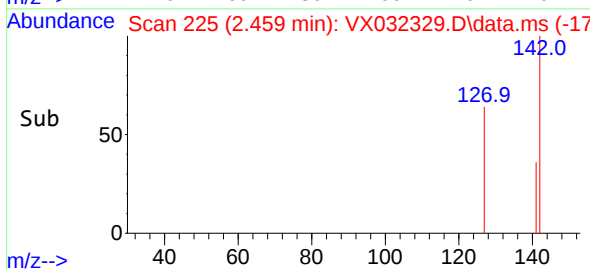
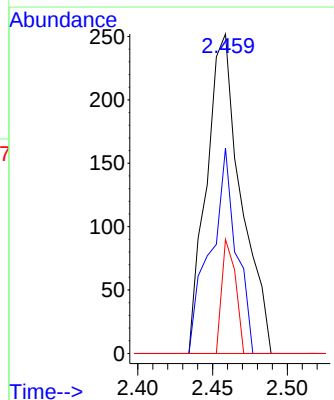
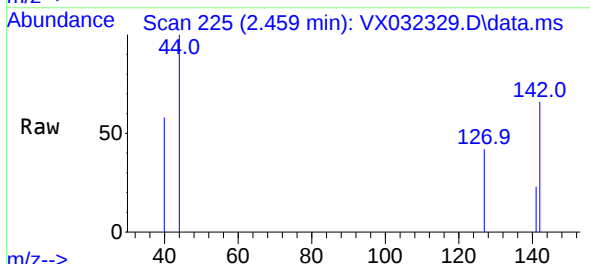
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

Tgt Ion: 64 Resp: 73
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

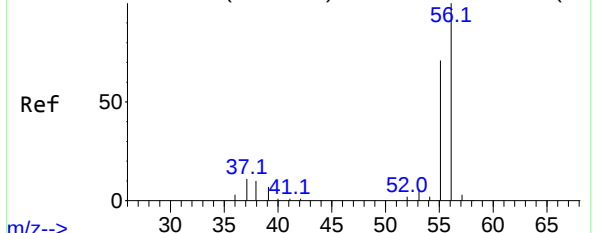


#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

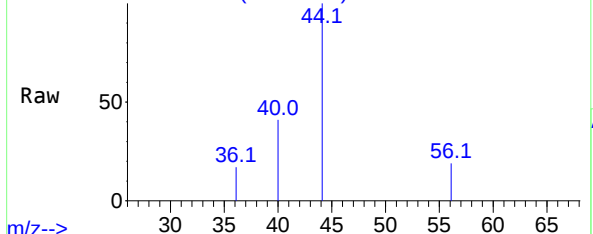
Tgt Ion: 142 Resp: 403
Ion Ratio Lower Upper
142 100
127 48.4 36.9 55.3
141 14.1 11.4 17.2



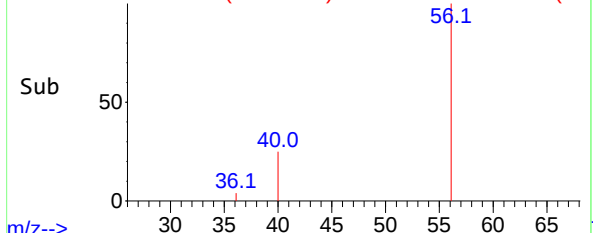
Abundance Scan 188 (2.233 min): VX032201.D\data.ms (-18



m/z--> Scan 188 (2.233 min): VX032329.D\data.ms



m/z--> Abundance Scan 188 (2.233 min): VX032329.D\data.ms (-13



m/z-->

#13

Acrolein

Concen: 0.480 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032329.D

Acq: 24 Oct 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBL01

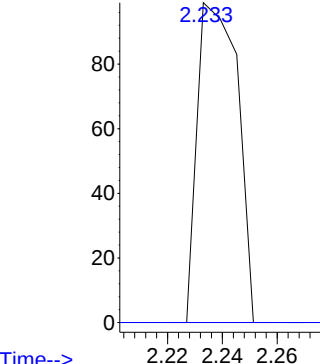
Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

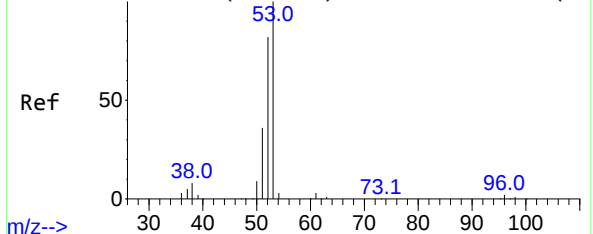
56 100

55 0.0 56.4 84.6#

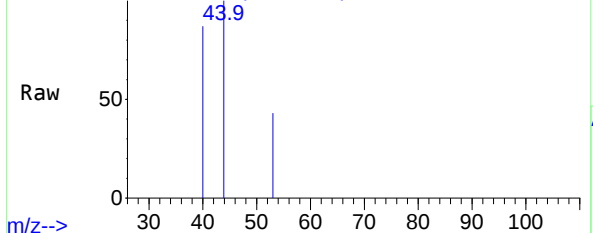
Abundance



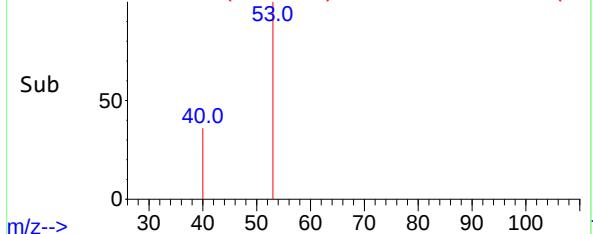
Abundance Scan 324 (3.063 min): VX032201.D\data.ms (-31



m/z--> Scan 326 (3.074 min): VX032329.D\data.ms



m/z--> Abundance Scan 326 (3.074 min): VX032329.D\data.ms (-27



m/z-->

#15

Acrylonitrile

Concen: 0.298 ug/l

RT: 3.074 min Scan# 326

Delta R.T. 0.011 min

Lab File: VX032329.D

Acq: 24 Oct 2022 10:49

Tgt Ion: 53 Resp: 193

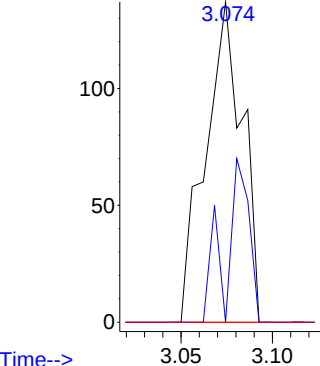
Ion Ratio Lower Upper

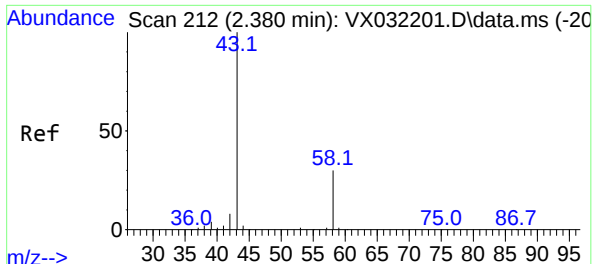
53 100

52 32.6 65.9 98.9#

51 0.0 29.7 44.5#

Abundance

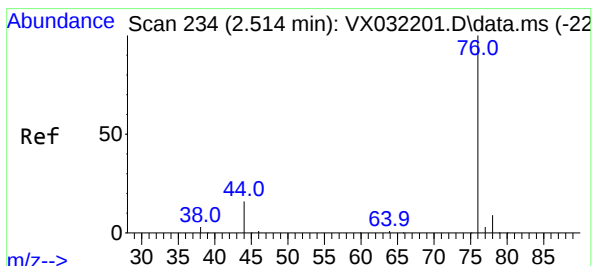
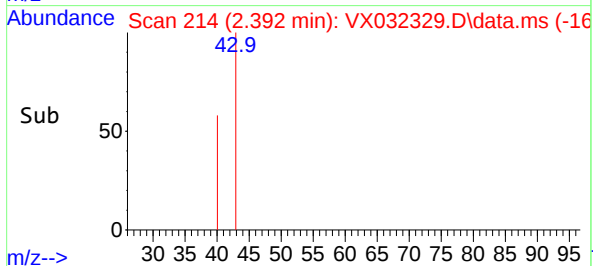
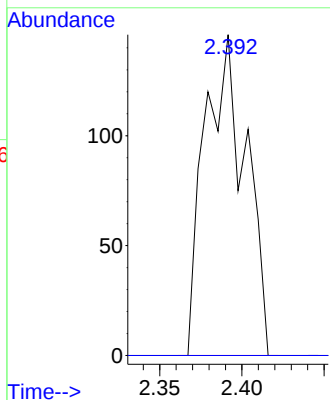
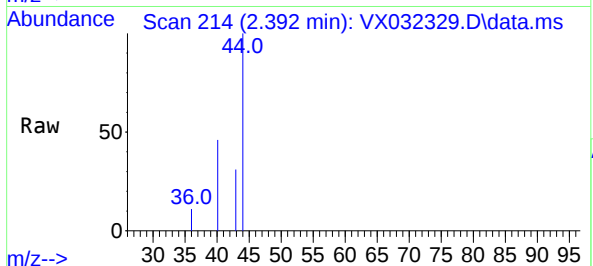




#16
Acetone
Concen: 0.451 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

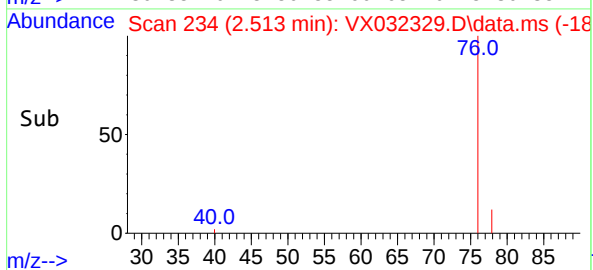
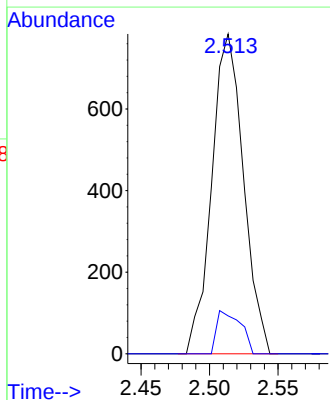
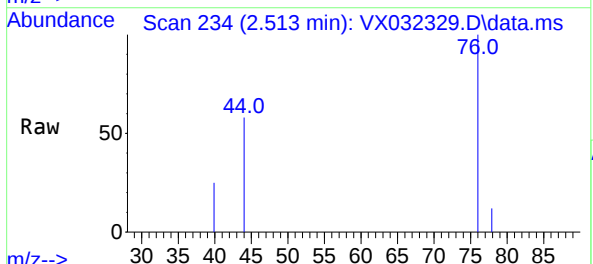
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

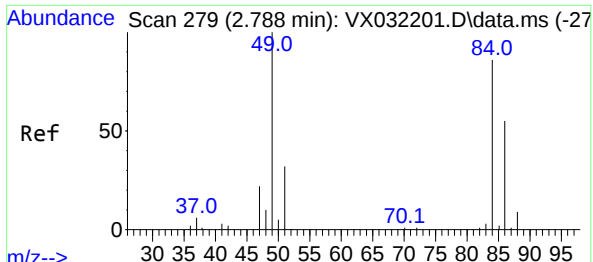
Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#17
Carbon Disulfide
Concen: 0.455 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

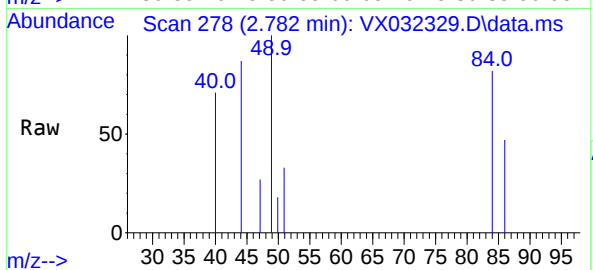
Tgt Ion: 76 Resp: 1264
Ion Ratio Lower Upper
76 100
78 11.9 7.6 11.4#





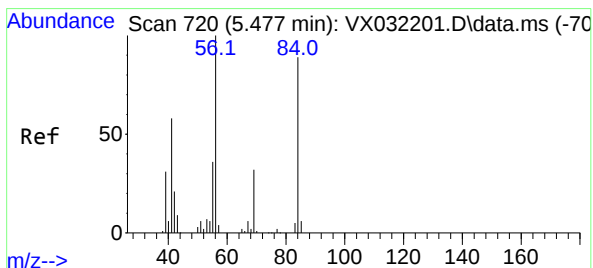
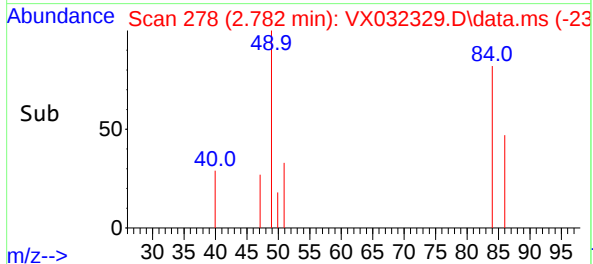
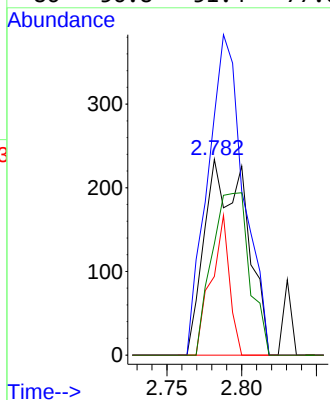
#20
Methylene Chloride
Concen: 0.314 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01



Tgt Ion: 84 Resp: 452

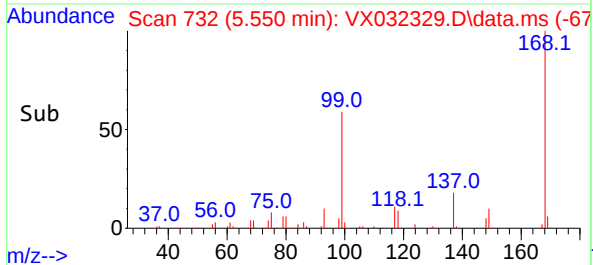
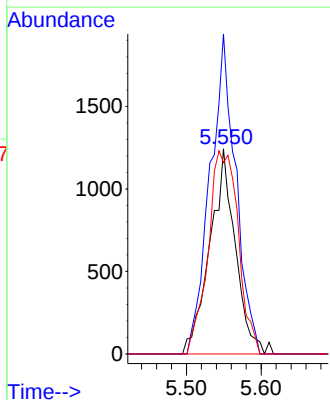
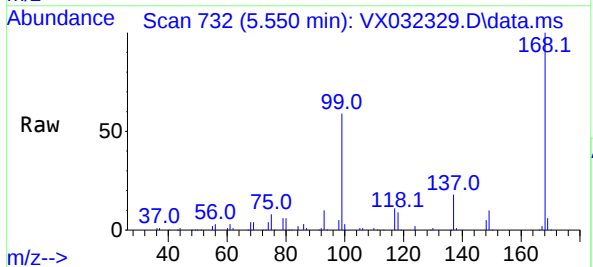
Ion	Ratio	Lower	Upper
84	100		
49	122.2	92.6	139.0
51	40.2	29.2	43.8
86	56.8	51.4	77.0

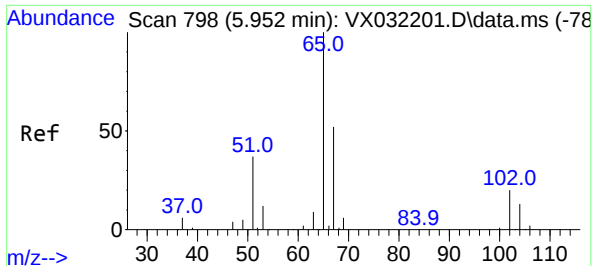


#31
Cyclohexane
Concen: 1.499 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Tgt Ion: 56 Resp: 2961

Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.4	38.0#
84	93.3	71.2	106.8

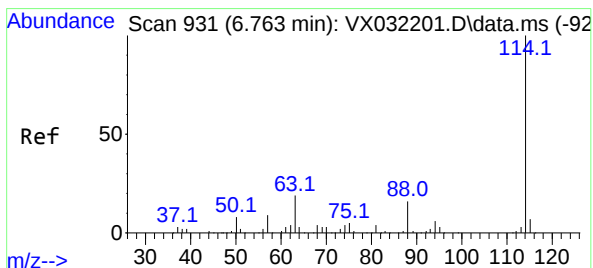
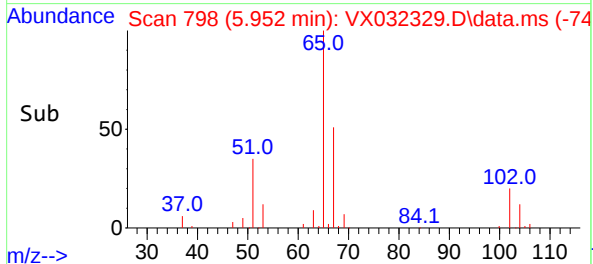
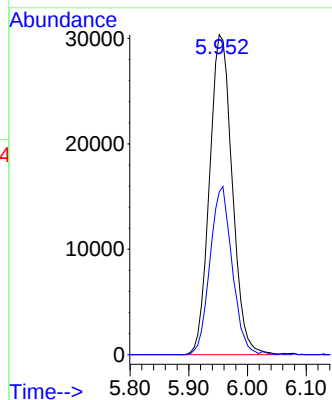
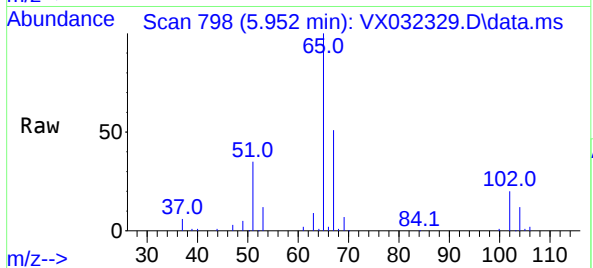




#33
 1,2-Dichloroethane-d4
 Concen: 47.210 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX032329.D
 Acq: 24 Oct 2022 10:49

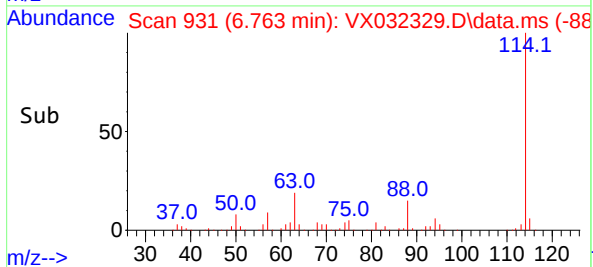
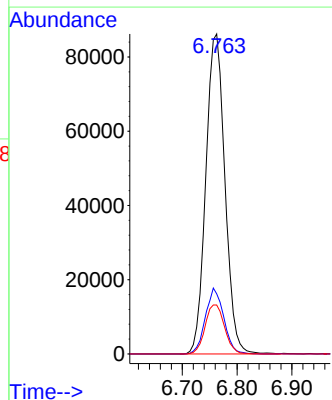
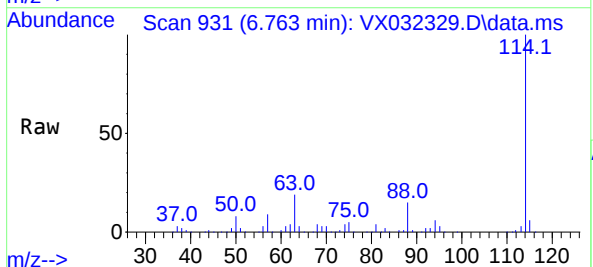
Instrument :
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 ClientSampleId :
 VX1024MBL01

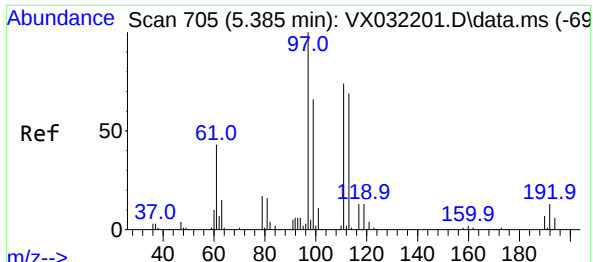
Tgt Ion: 65 Resp: 81573
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032329.D
 Acq: 24 Oct 2022 10:49

Tgt Ion: 114 Resp: 208266
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.3 0.0 32.6

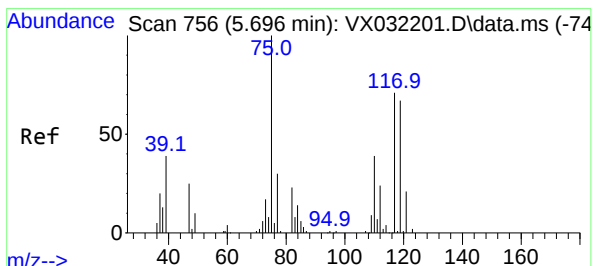
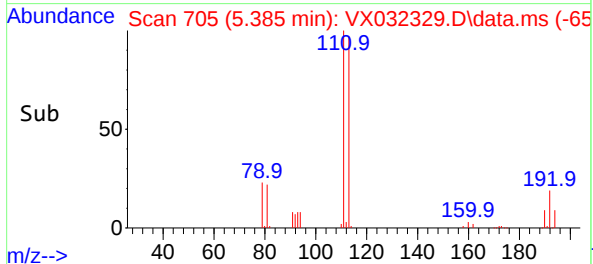
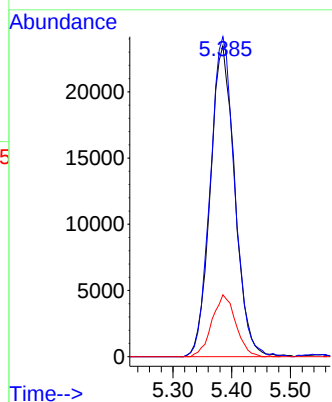
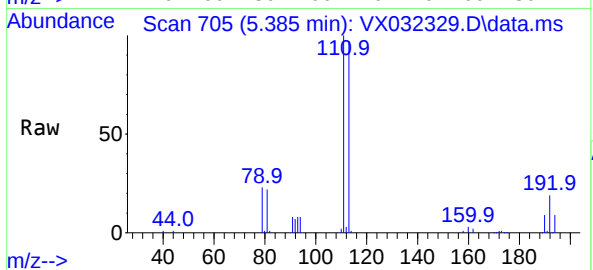




#35
Dibromofluoromethane
Concen: 46.919 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

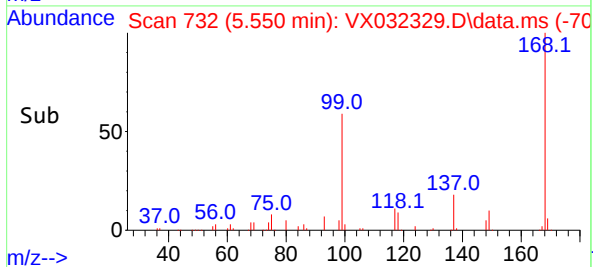
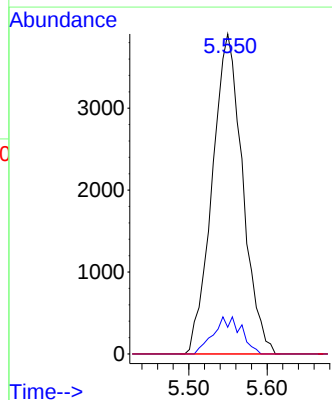
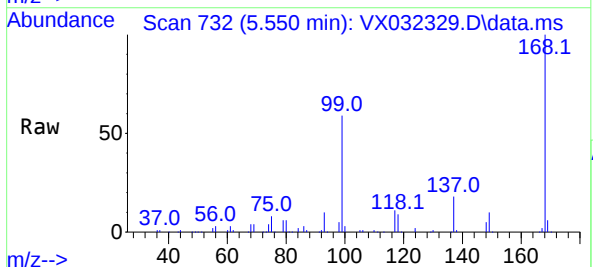
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

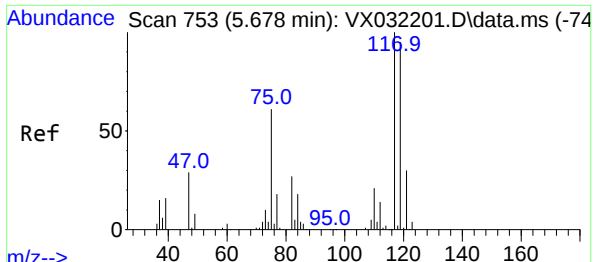
Tgt Ion:113 Resp: 67998
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.3 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.645 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

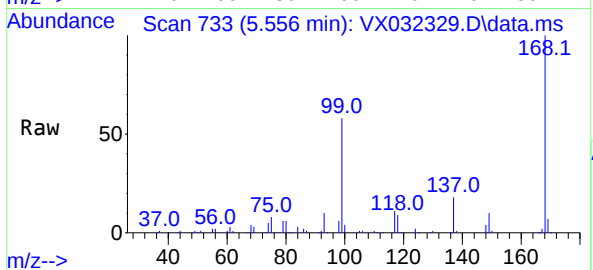
Tgt Ion: 75 Resp: 10523
Ion Ratio Lower Upper
75 100
110 10.7 18.4 55.0#
77 0.0 24.7 37.1#



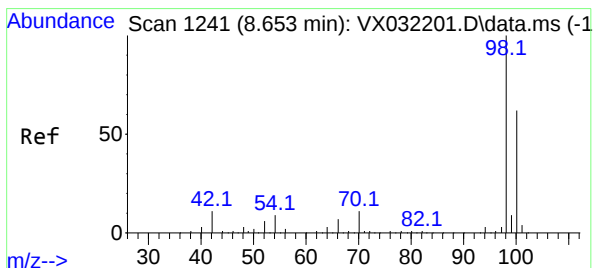
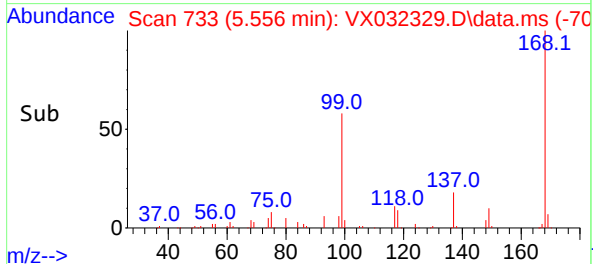
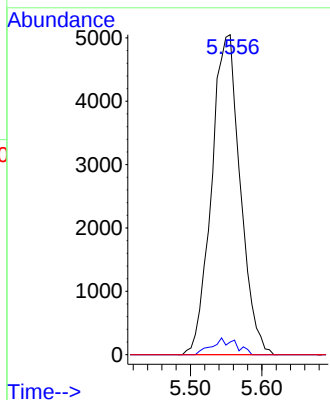


#38
Carbon Tetrachloride
Concen: 7.148 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

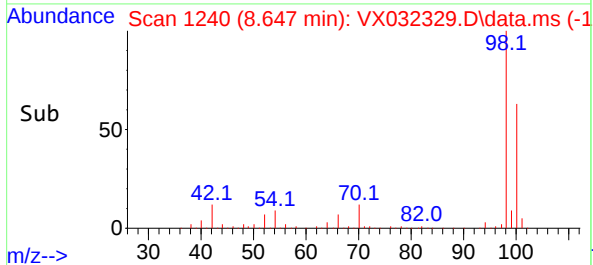
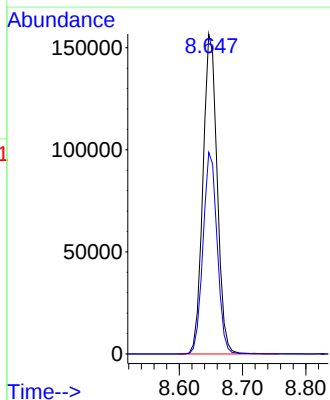
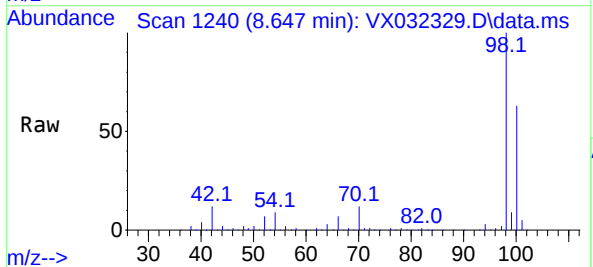


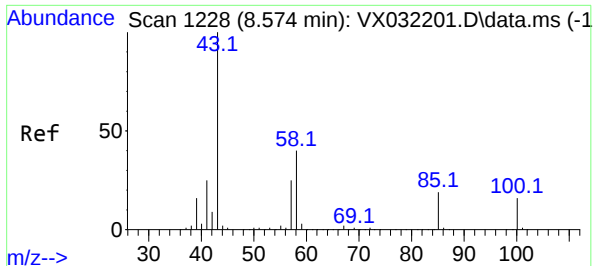
Tgt Ion:117 Resp: 14067
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.959 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Tgt Ion: 98 Resp: 244977
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1

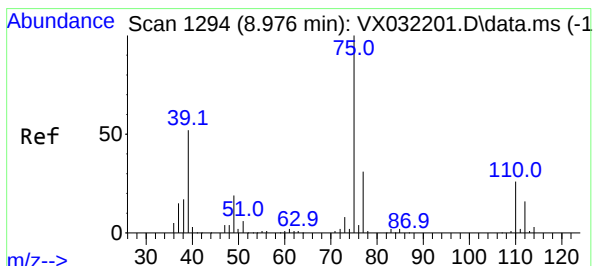
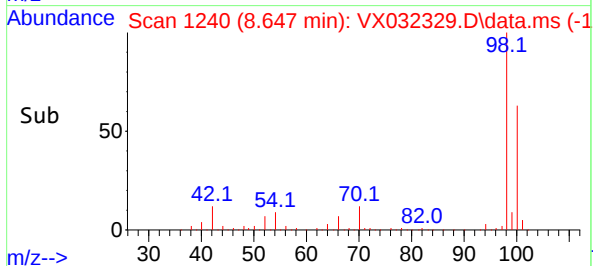
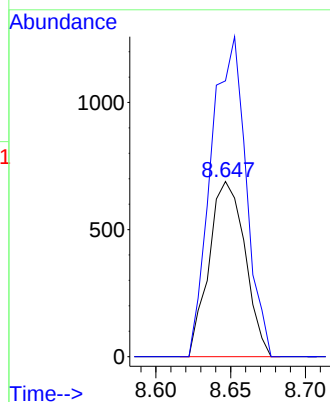
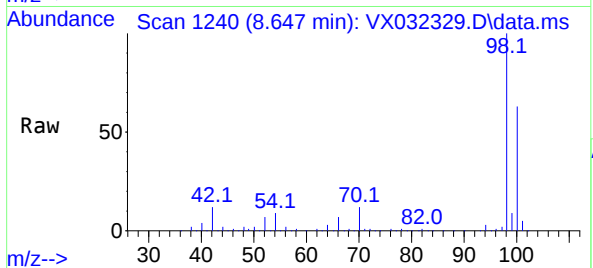




#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 8.647 min Scan# 1152
Delta R.T. 0.073 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

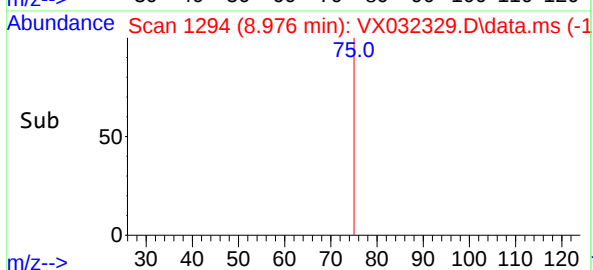
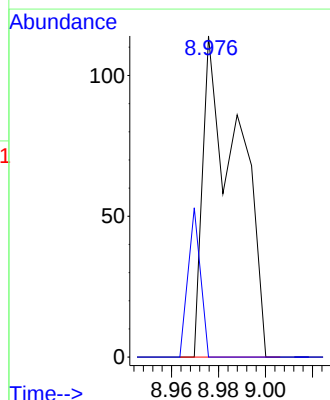
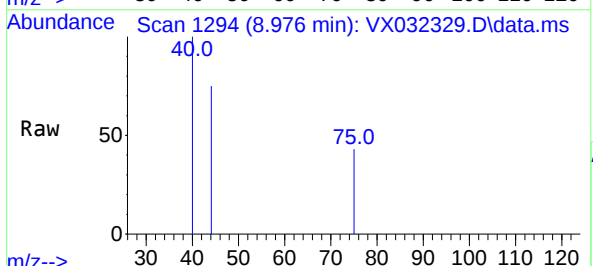
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

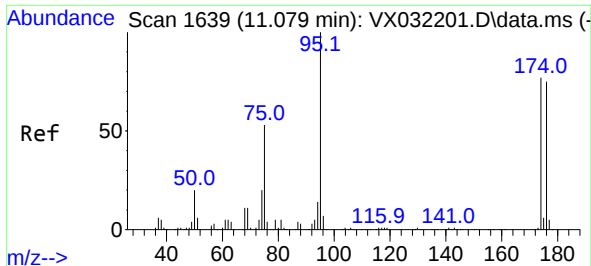
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 177.5 31.0 46.4#



#53
t-1,3-Dichloropropene
Concen: 1.873 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Tgt Ion: 75 Resp: 119
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#

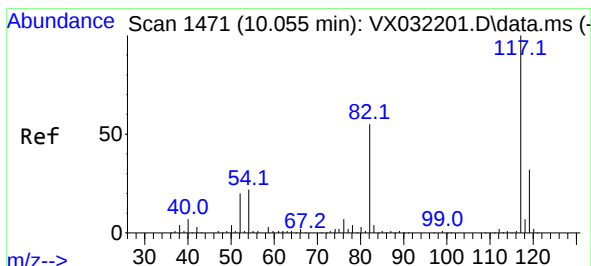
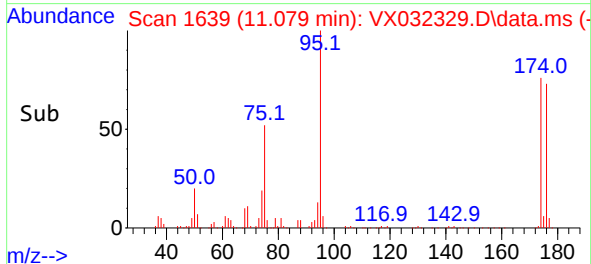
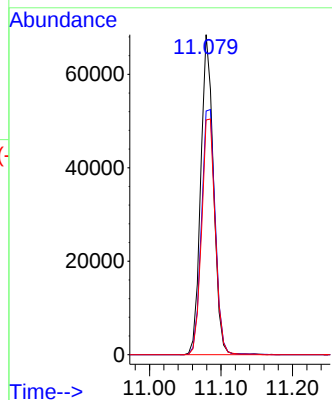
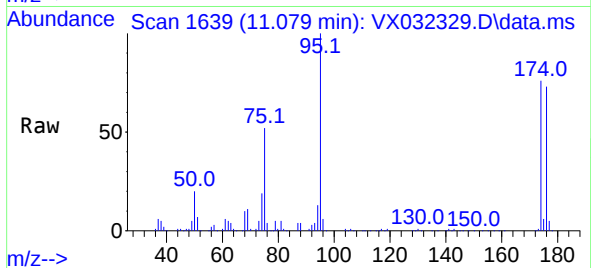




#62
4-Bromofluorobenzene
Concen: 44.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

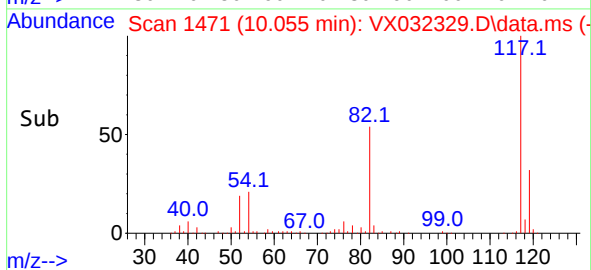
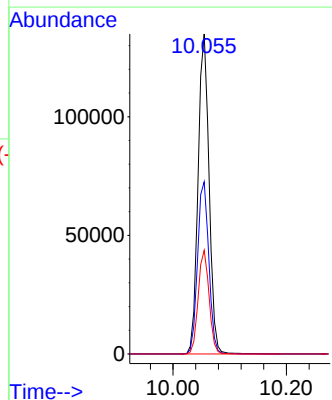
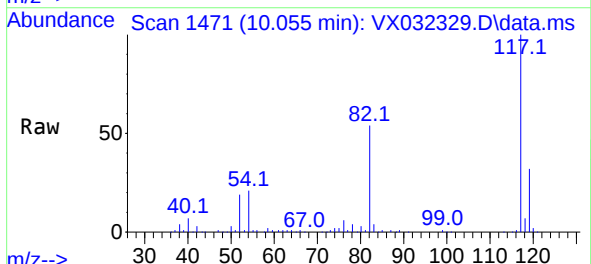
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

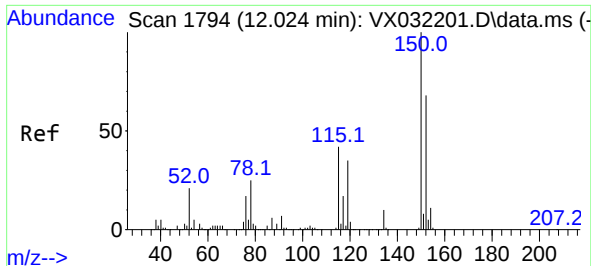
Tgt Ion: 95 Resp: 84455
Ion Ratio Lower Upper
95 100
174 83.2 0.0 166.8
176 78.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Tgt Ion: 117 Resp: 181395
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.4
119 32.4 25.8 38.8

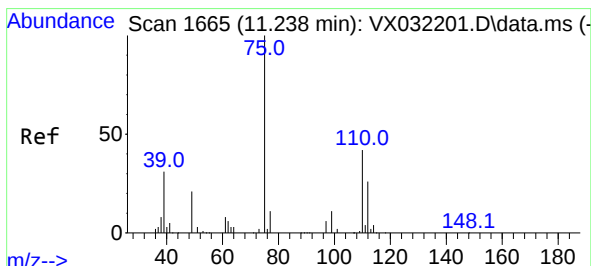
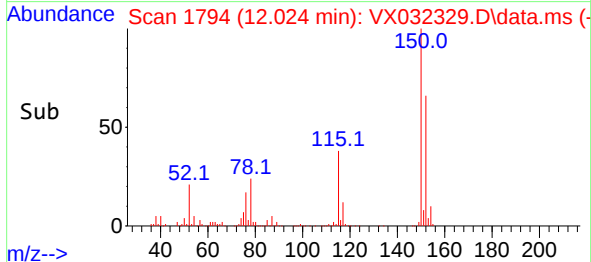
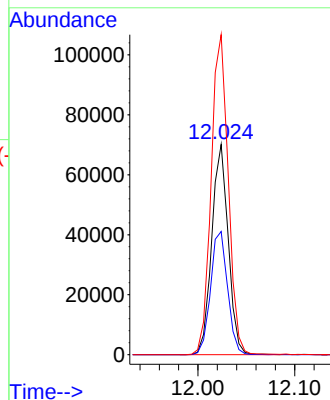
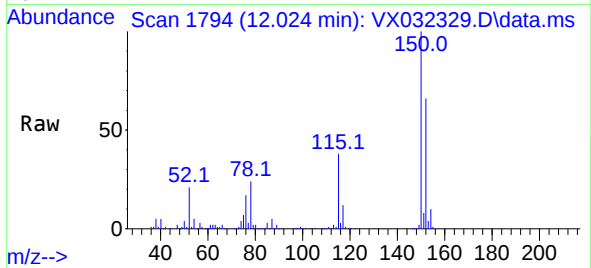




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

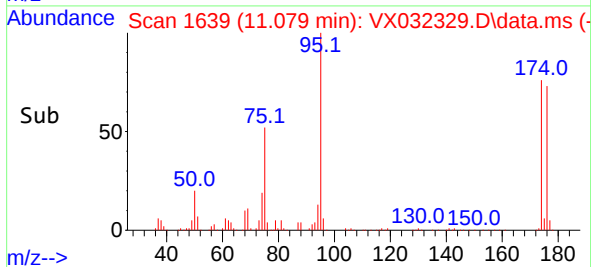
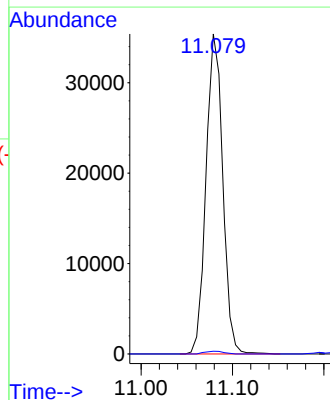
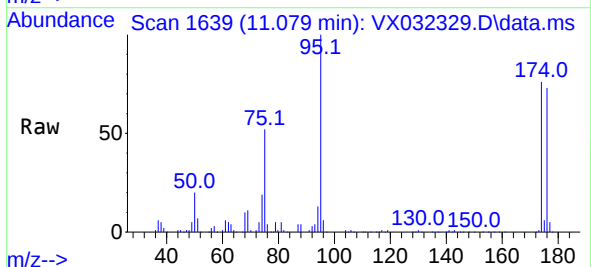
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

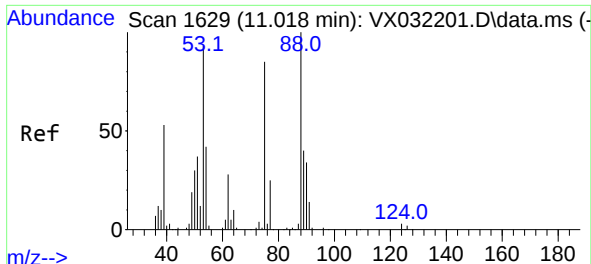
Tgt Ion:152 Resp: 83087
Ion Ratio Lower Upper
152 100
115 60.6 43.1 129.4
150 158.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Tgt Ion: 75 Resp: 45002
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#

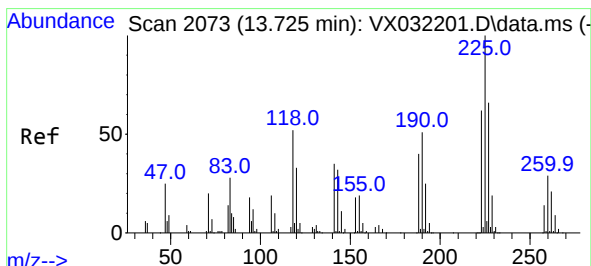
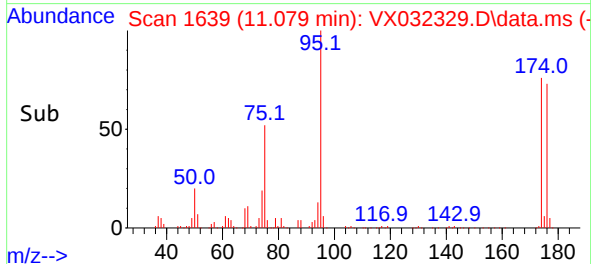
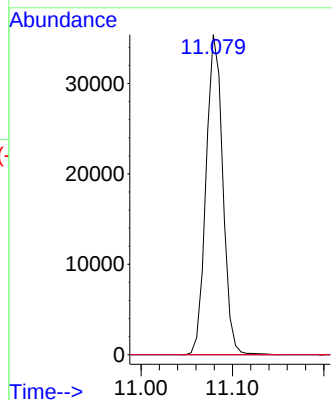
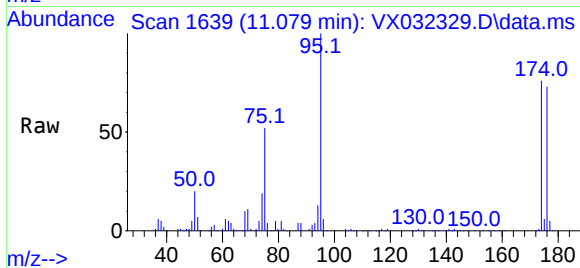




#81
trans-1,4-Dichloro-2-butene
Concen: 83.897 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

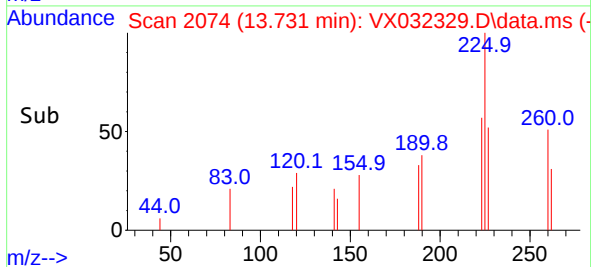
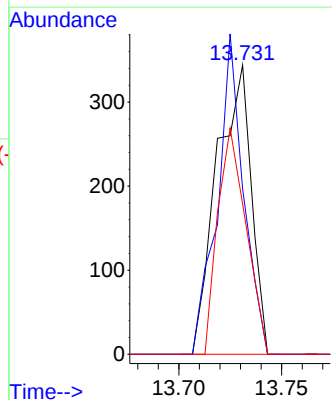
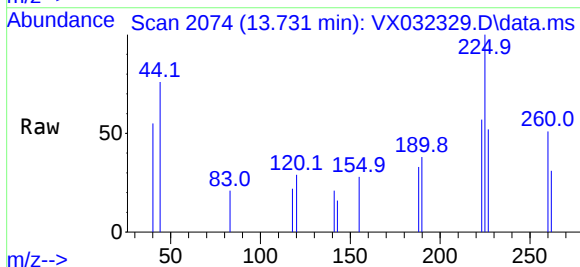
Instrument :
MSVOA_X
ClientSampleId :
VX1024MBL01

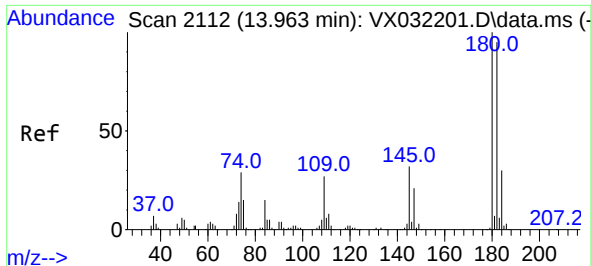
Tgt Ion: 75 Resp: 45002
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#94
Hexachlorobutadiene
Concen: 0.516 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX032329.D
Acq: 24 Oct 2022 10:49

Tgt Ion: 225 Resp: 400
Ion Ratio Lower Upper
225 100
223 84.3 31.4 94.3
227 64.3 32.0 96.0





#96

1,2,3-Trichlorobenzene

Concen: 0.204 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032329.D

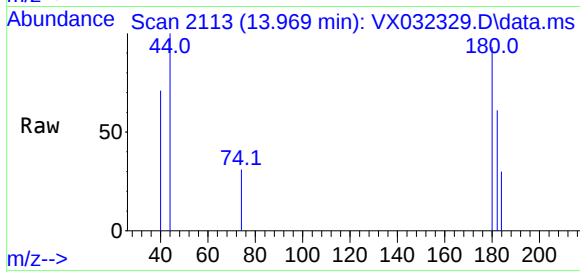
Acq: 24 Oct 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX1024MBL01



Tgt Ion:180 Resp: 367

Ion Ratio Lower Upper

180 100

182 73.8 47.4 142.2

145 16.3 16.5 49.5#

