

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
 Data File : VX027464.D
 Acq On : 16 Mar 2022 11:49
 Operator : JC/MD
 Sample : VX0316WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBL01

Quant Time: Mar 17 00:49:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

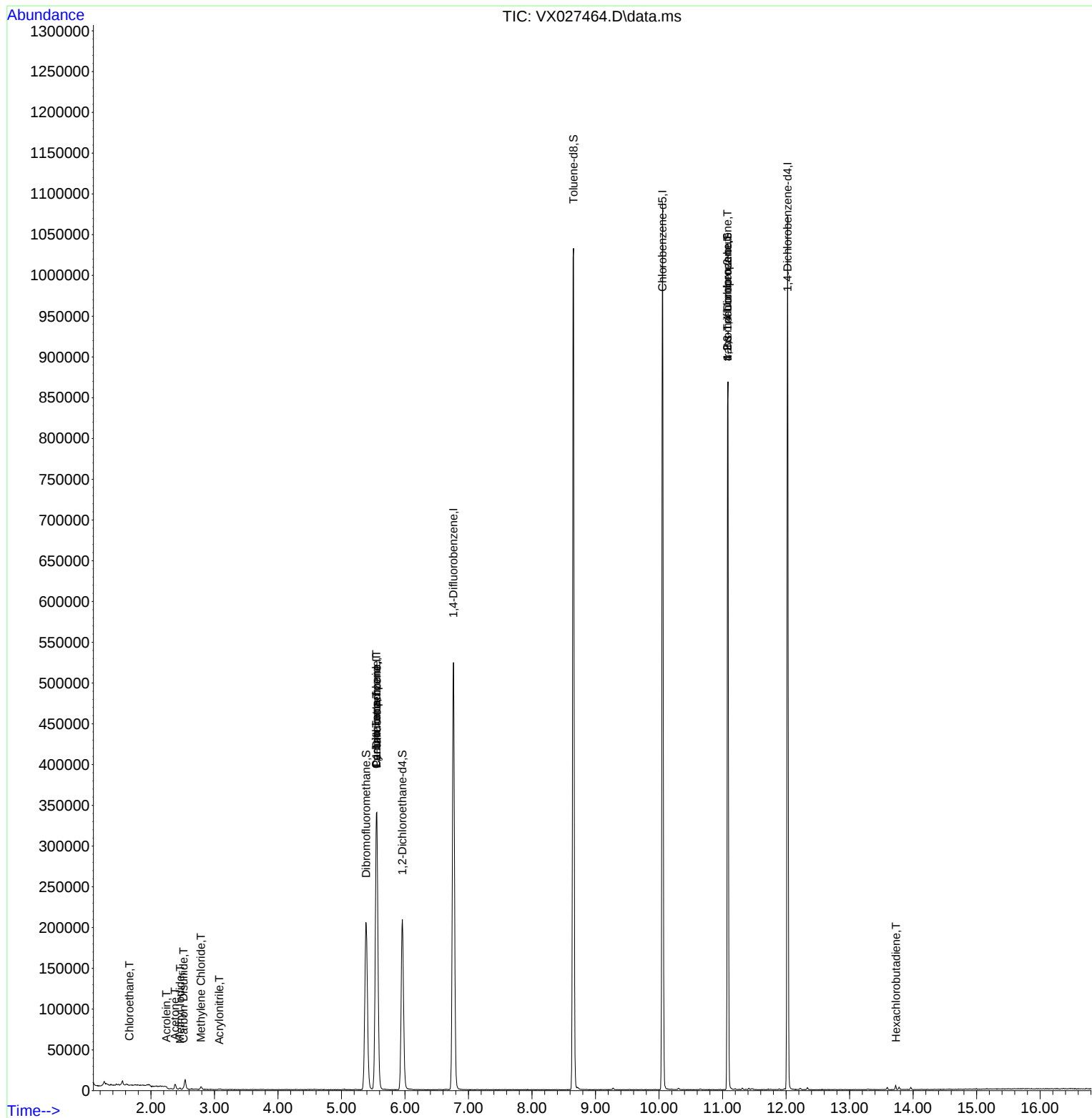
Internal Standards						
1) Pentafluorobenzene	5.556	168	334757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209752	53.731	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.460%	
35) Dibromofluoromethane	5.385	113	179701	51.447	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.900%	
50) Toluene-d8	8.653	98	640837	48.597	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	11.079	95	234147	46.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	676	Below Cal		83
6) Chloroethane	1.660	64	136	0.514	ug/l #	43
10) Methyl Iodide	2.459	142	1509	0.317	ug/l	95
13) Acrolein	2.239	56	237	0.442	ug/l #	42
15) Acrylonitrile	3.075	53	424	0.211	ug/l #	85
16) Acetone	2.380	43	6269	1.269	ug/l	96
17) Carbon Disulfide	2.514	76	2040	0.231	ug/l #	94
20) Methylene Chloride	2.788	84	1561	0.409	ug/l	92
31) Cyclohexane	5.550	56	6403	1.173	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	24721	5.098	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33621	6.704	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	117057	23.867	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	117057	77.189	ug/l #	15
94) Hexachlorobutadiene	13.731	225	733	0.333	ug/l	100

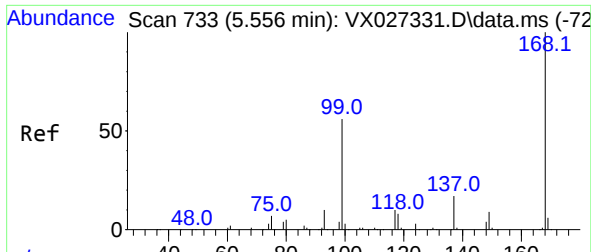
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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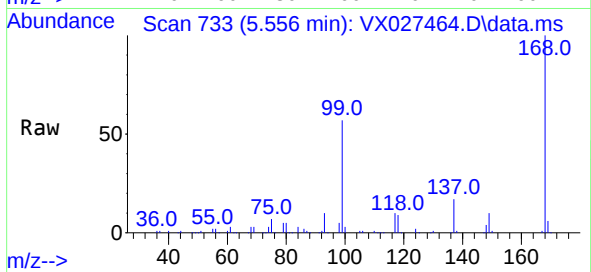
Quant Time: Mar 17 00:49:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



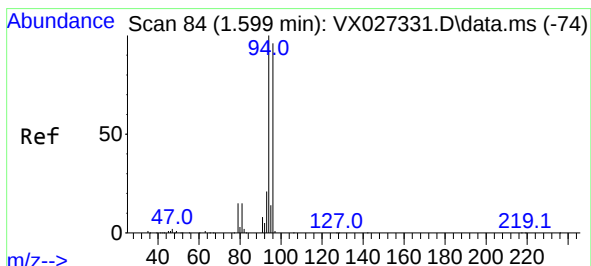
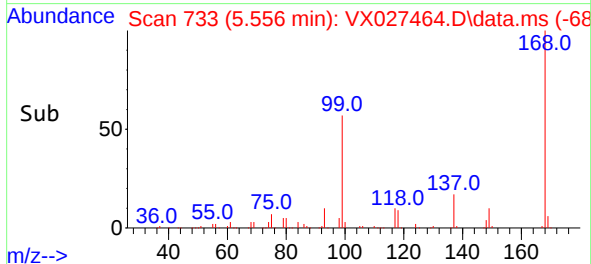
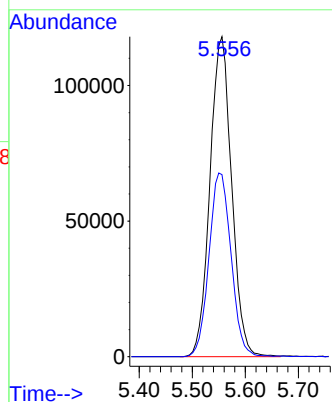


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

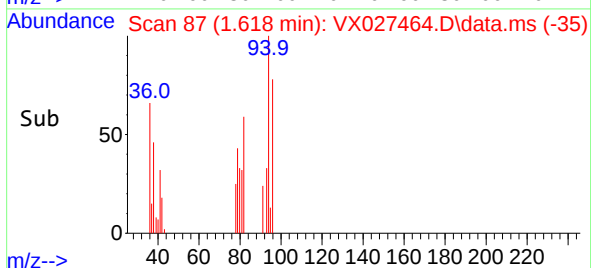
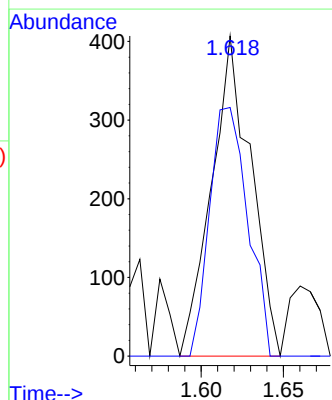
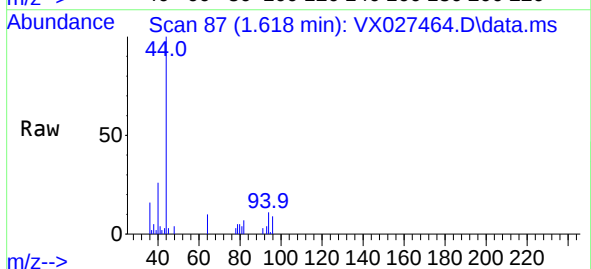


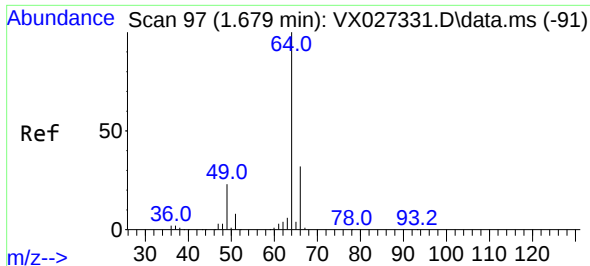
Tgt Ion:168 Resp: 334757
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 77.6 75.3 112.9

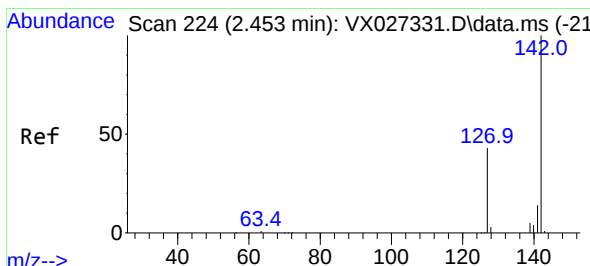
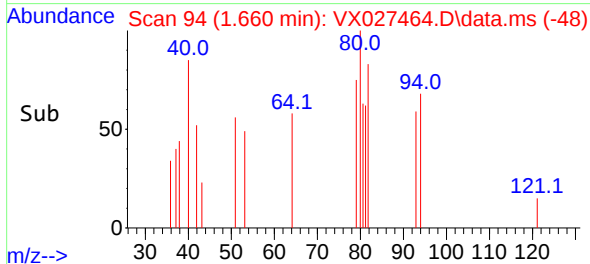
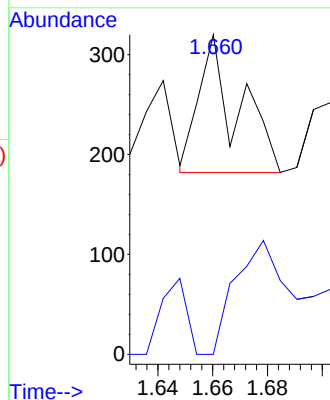
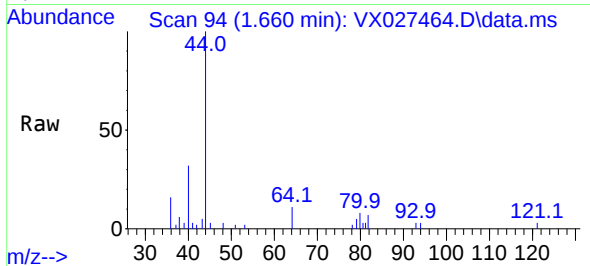




#6
Chloroethane
Concen: 0.514 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

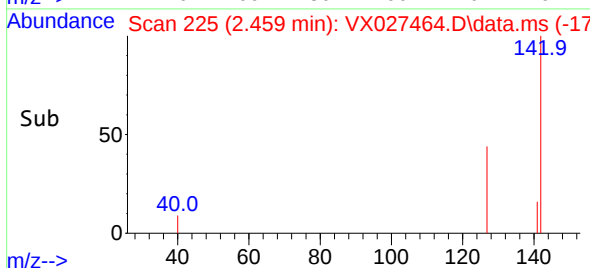
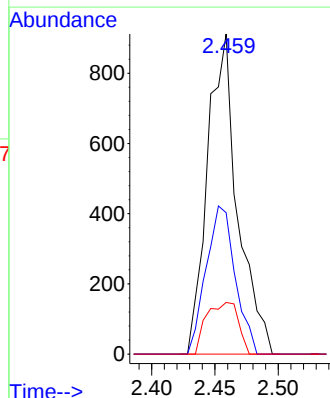
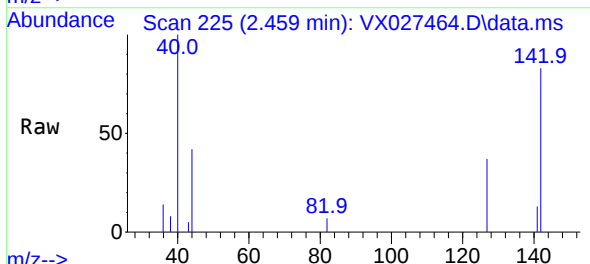
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

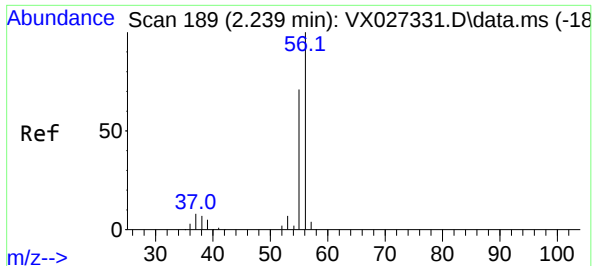
Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.317 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Tgt Ion: 142 Resp: 1509
Ion Ratio Lower Upper
142 100
127 44.8 33.9 50.9
141 17.0 11.4 17.2

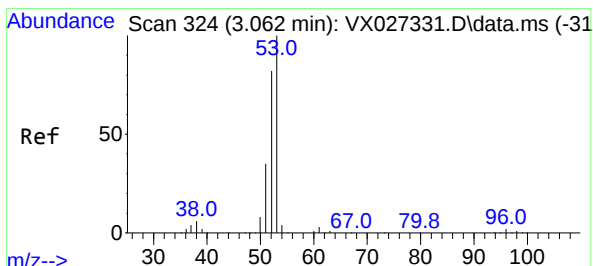
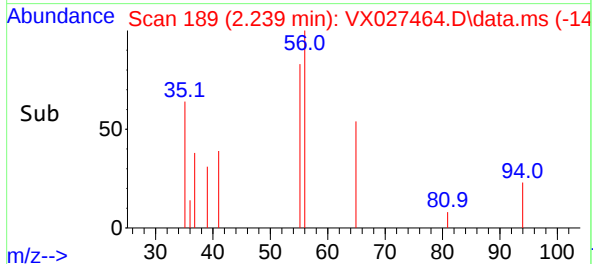
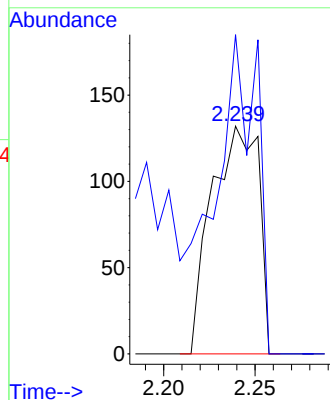
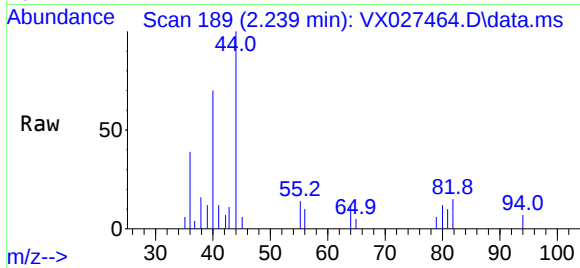




#13
Acrolein
Concen: 0.442 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

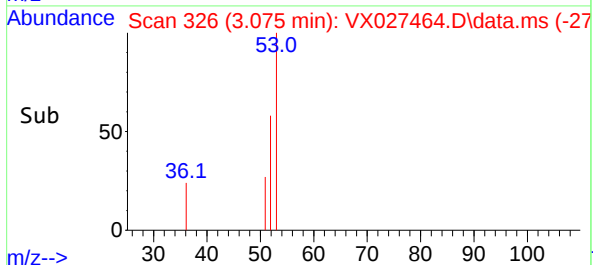
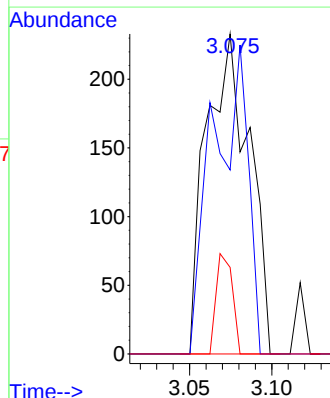
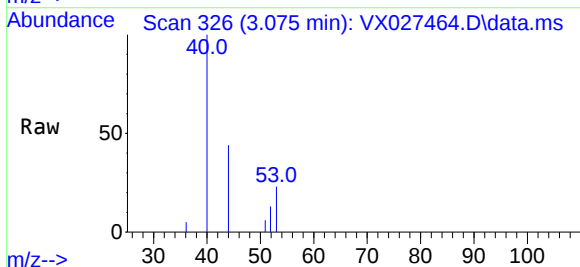
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

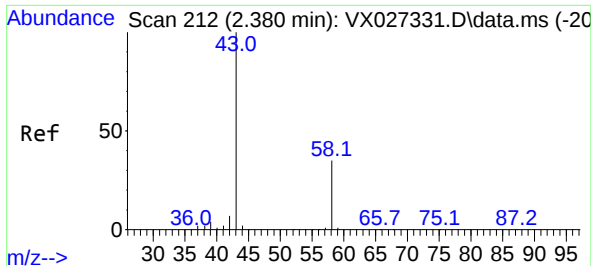
Tgt Ion: 56 Resp: 237
Ion Ratio Lower Upper
56 100
55 116.0 55.0 82.6#



#15
Acrylonitrile
Concen: 0.211 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Tgt Ion: 53 Resp: 424
Ion Ratio Lower Upper
53 100
52 78.1 65.7 98.5
51 11.8 28.4 42.6#

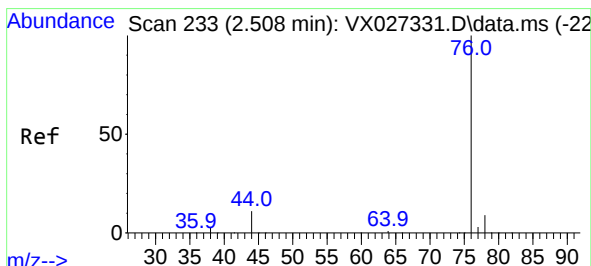
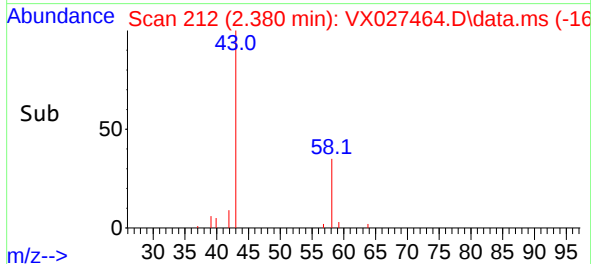
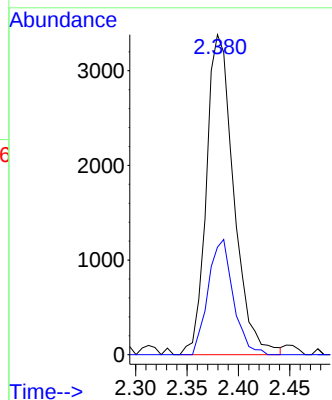
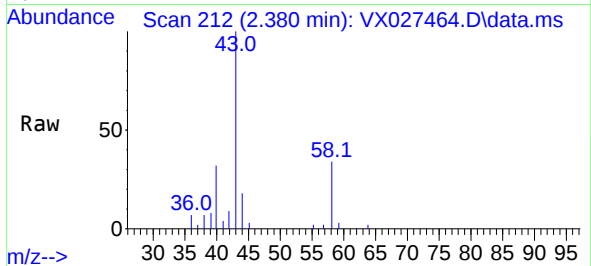




#16
Acetone
Concen: 1.269 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

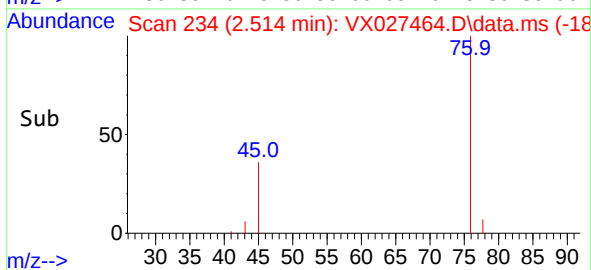
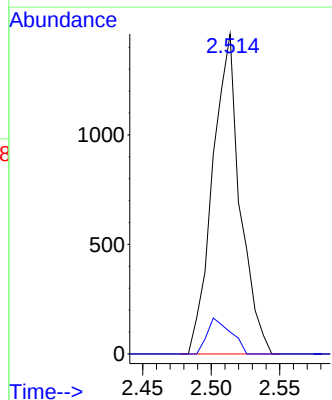
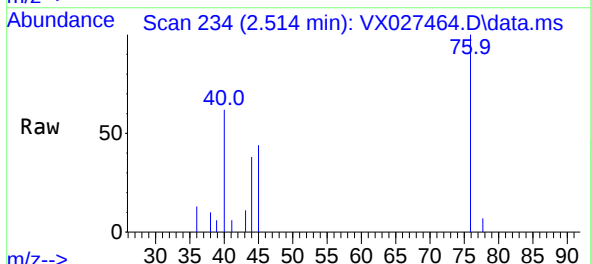
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

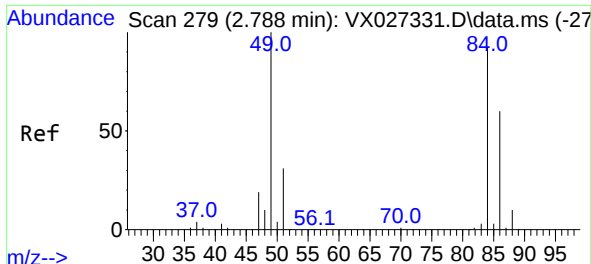
Tgt Ion: 43 Resp: 6269
Ion Ratio Lower Upper
43 100
58 33.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

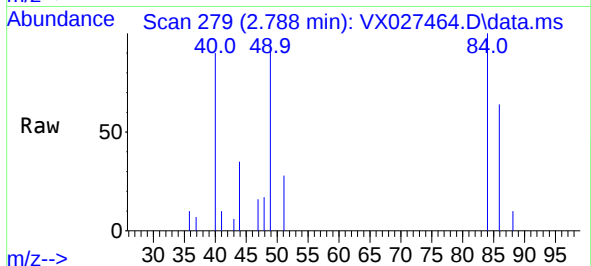
Tgt Ion: 76 Resp: 2040
Ion Ratio Lower Upper
76 100
78 6.8 7.2 10.8#



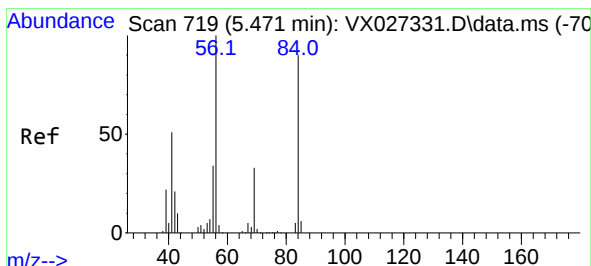
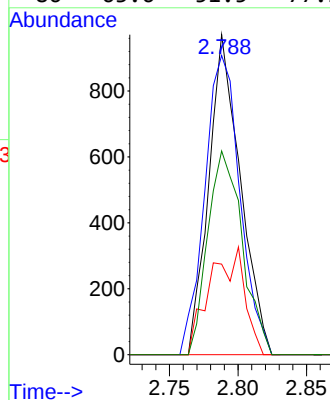
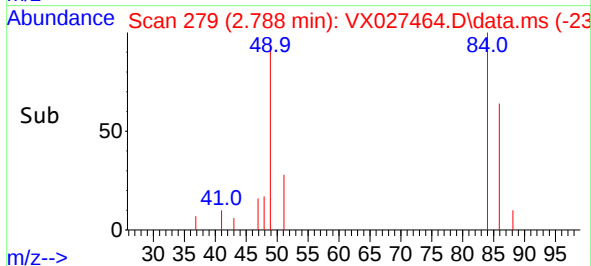


#20
Methylene Chloride
Concen: 0.409 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

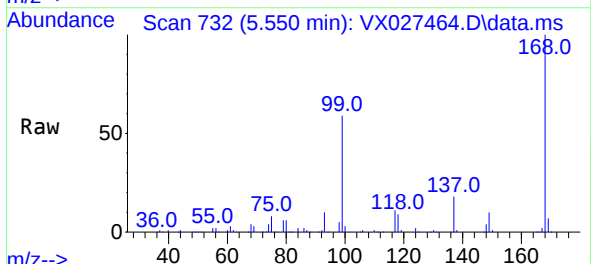
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01



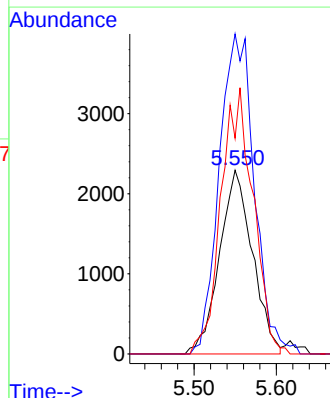
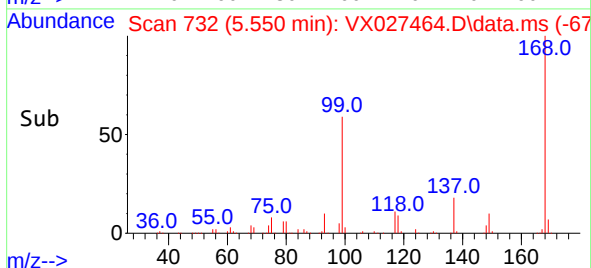
Tgt Ion:	84	Resp:	1561
Ion	Ratio	Lower	Upper
84	100		
49	93.5	85.5	128.3
51	28.3	26.6	39.8
86	63.6	51.5	77.3

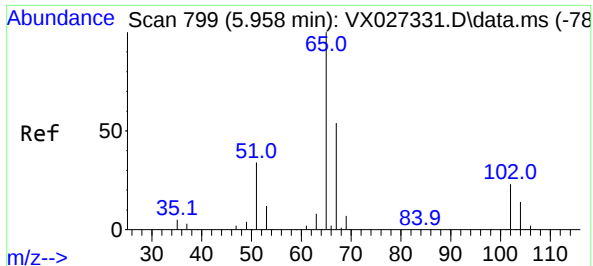


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49



Tgt Ion:	56	Resp:	6403
Ion	Ratio	Lower	Upper
56	100		
69	174.1	26.7	40.1#
84	117.3	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 53.731 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027464.D

Acq: 16 Mar 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

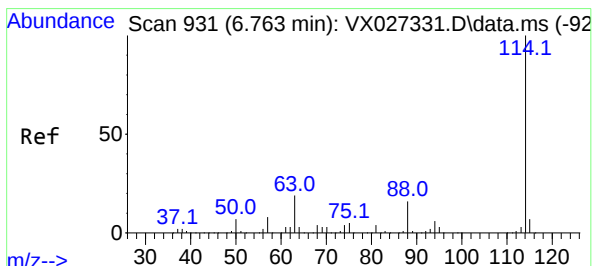
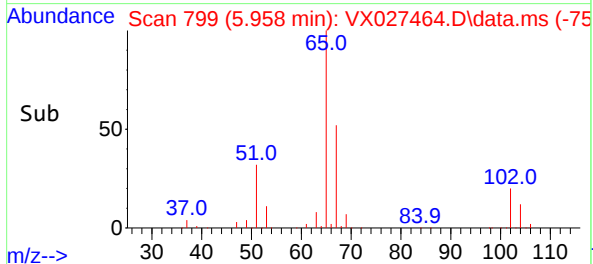
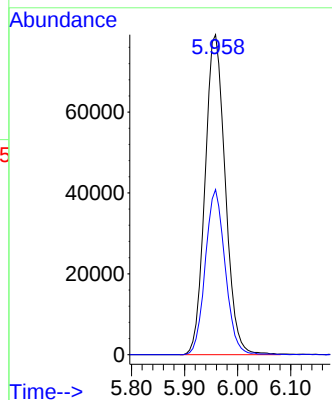
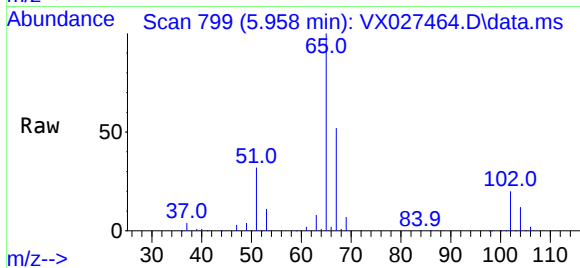
VX0316WBL01

Tgt Ion: 65 Resp: 209752

Ion Ratio Lower Upper

65 100

67 50.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027464.D

Acq: 16 Mar 2022 11:49

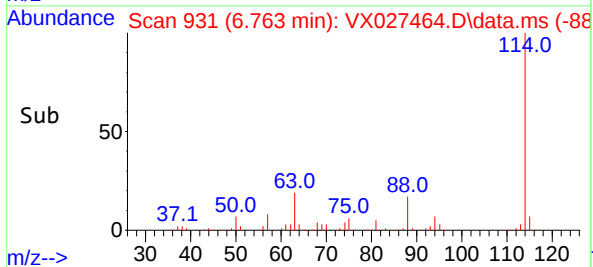
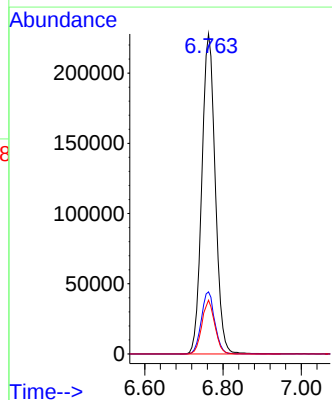
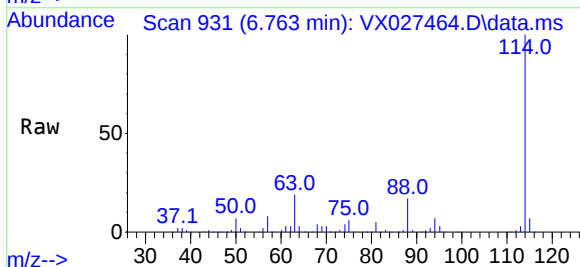
Tgt Ion: 114 Resp: 541325

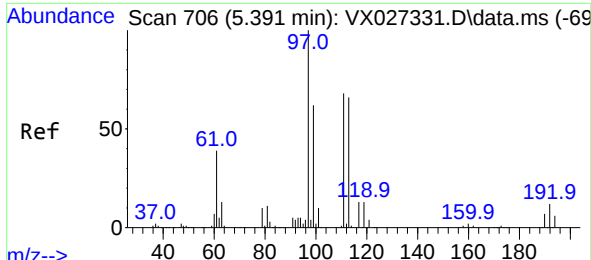
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.447 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX027464.D

Acq: 16 Mar 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBL01

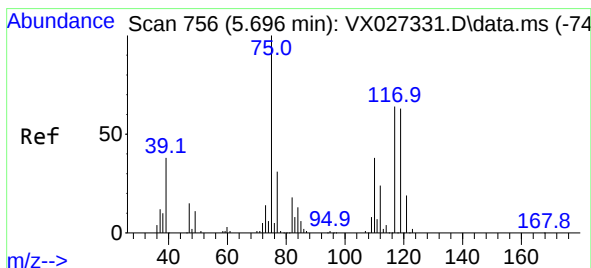
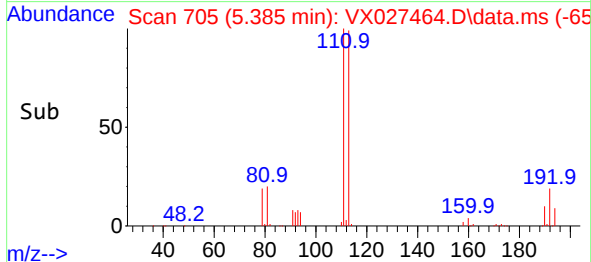
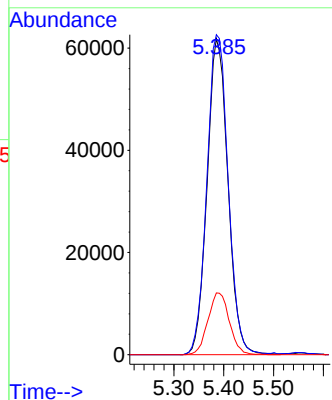
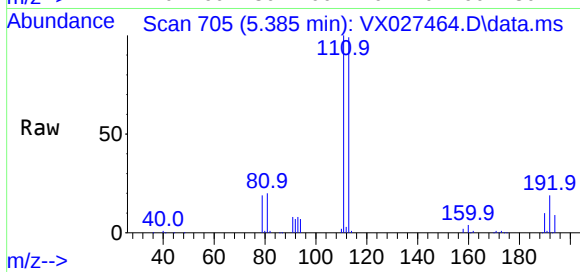
Tgt Ion:113 Resp: 179701

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 20.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.098 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX027464.D

Acq: 16 Mar 2022 11:49

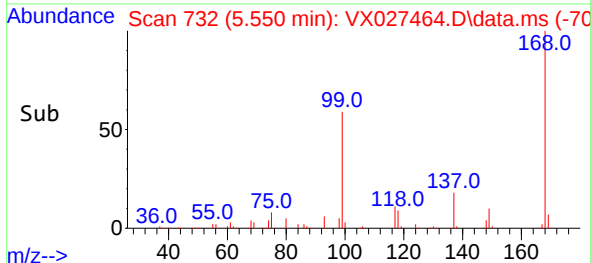
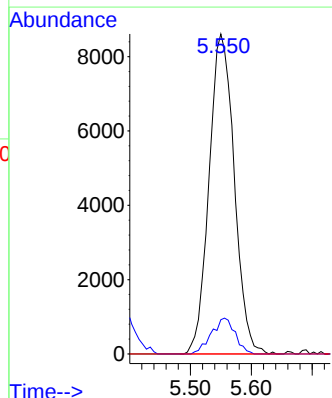
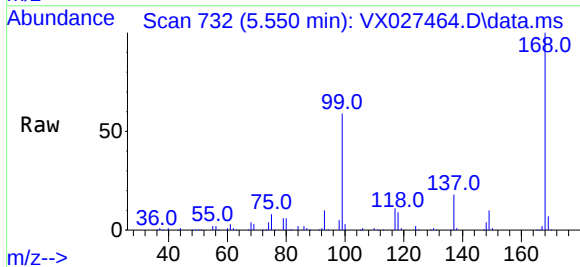
Tgt Ion: 75 Resp: 24721

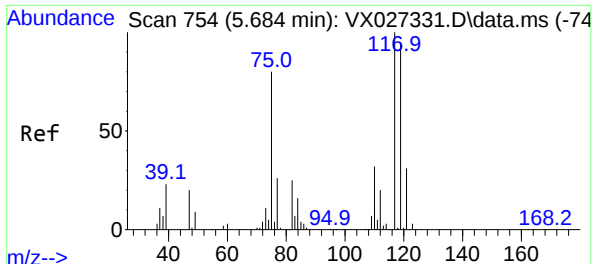
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

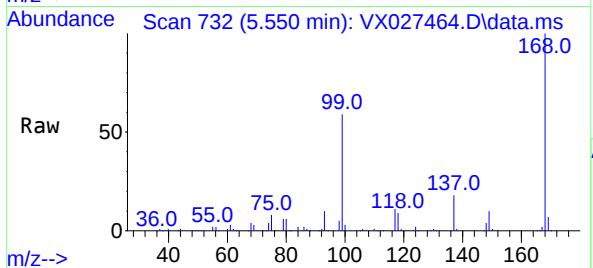
77 0.0 24.8 37.2#



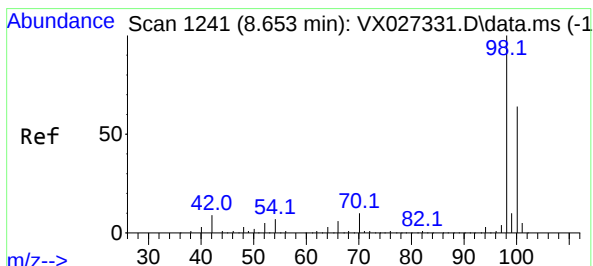
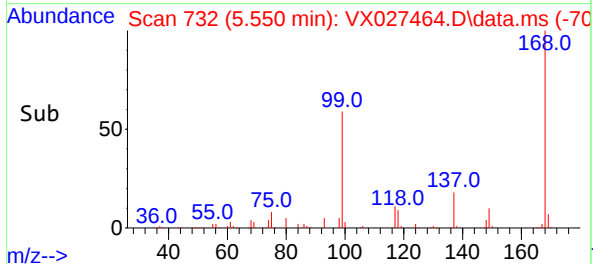
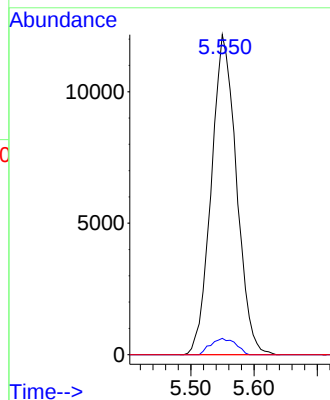


#38
Carbon Tetrachloride
Concen: 6.704 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

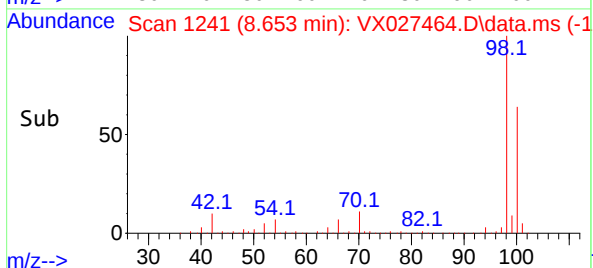
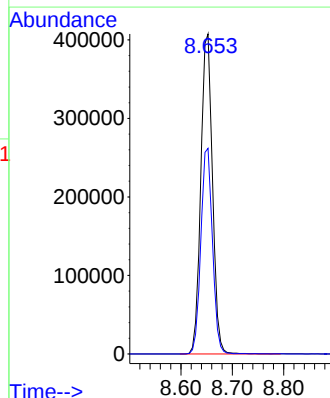
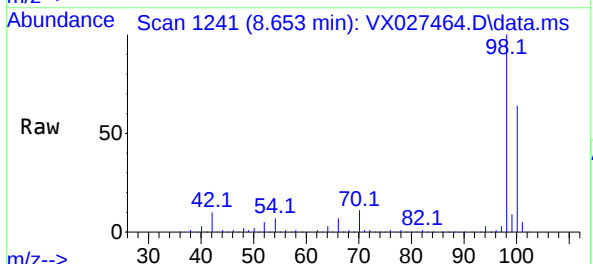


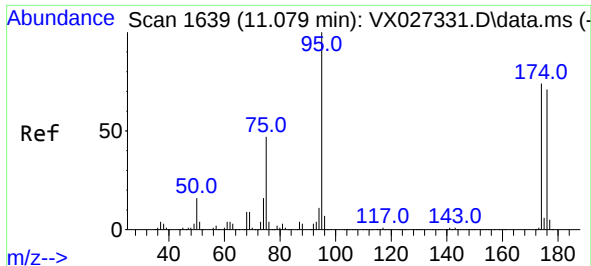
Tgt Ion:117 Resp: 33621
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.597 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Tgt Ion: 98 Resp: 640837
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

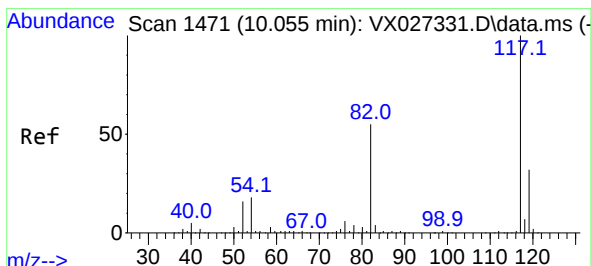
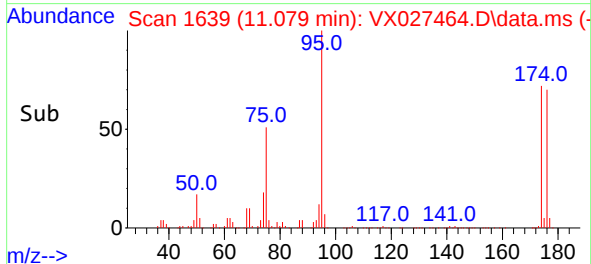
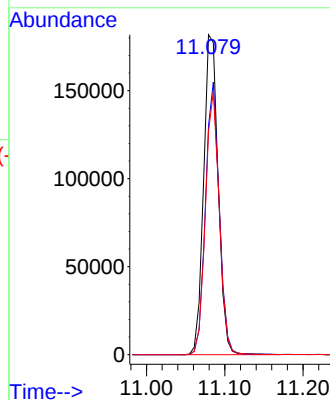
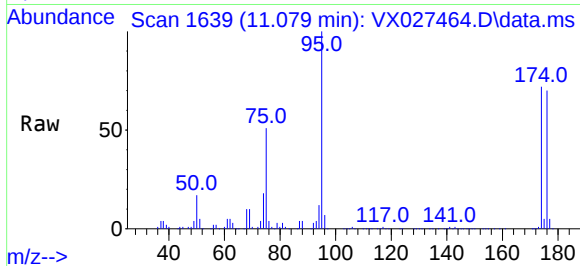




#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

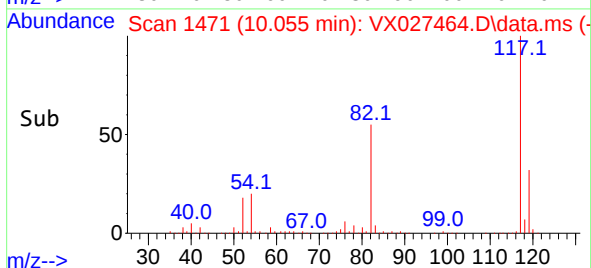
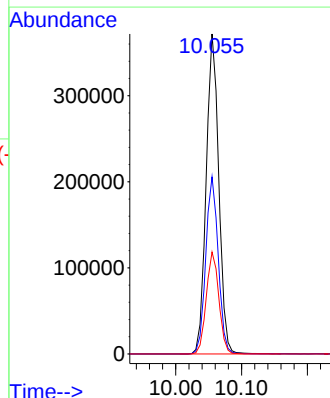
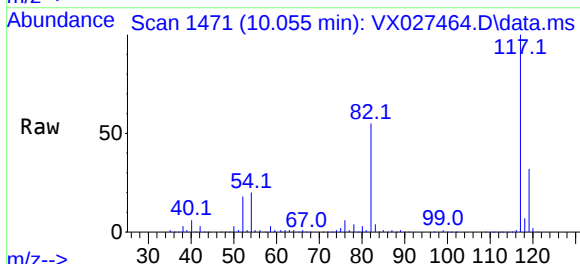
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

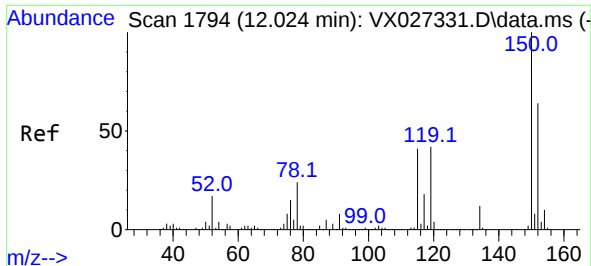
Tgt Ion: 95 Resp: 234147
Ion Ratio Lower Upper
95 100
174 80.8 0.0 163.0
176 78.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Tgt Ion: 117 Resp: 494644
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.9 24.8 37.2

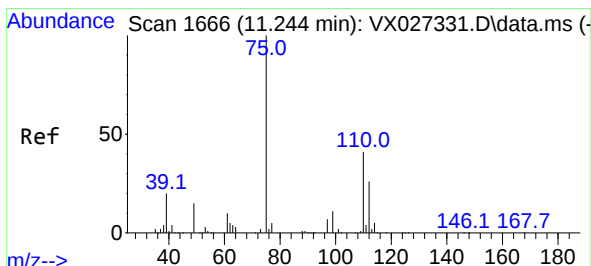
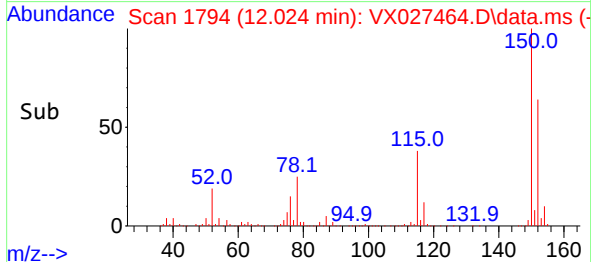
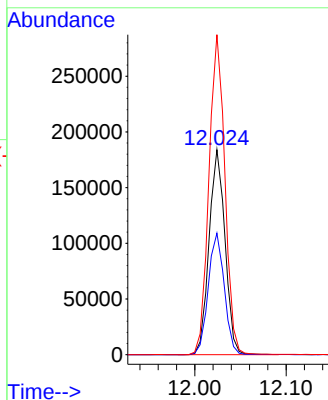
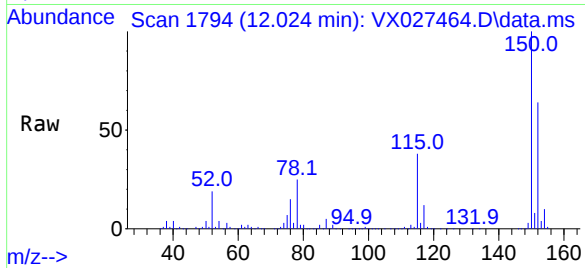




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

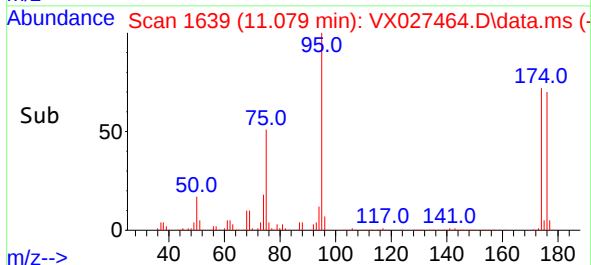
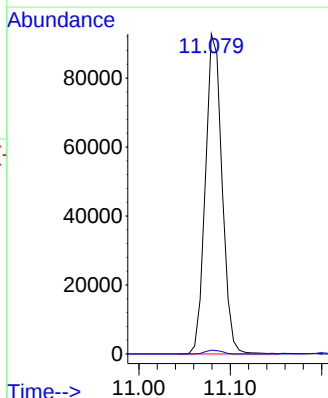
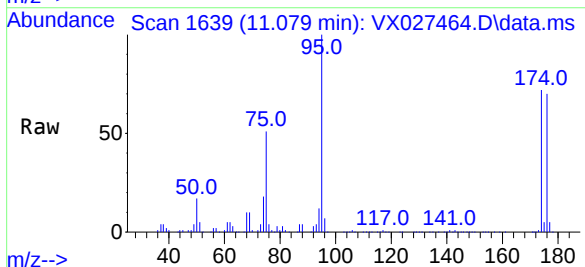
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

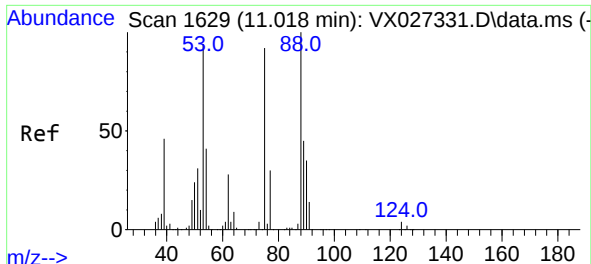
Tgt Ion:152 Resp: 223538
Ion Ratio Lower Upper
152 100
115 59.6 37.5 112.7
150 156.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.867 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Tgt Ion: 75 Resp: 117057
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

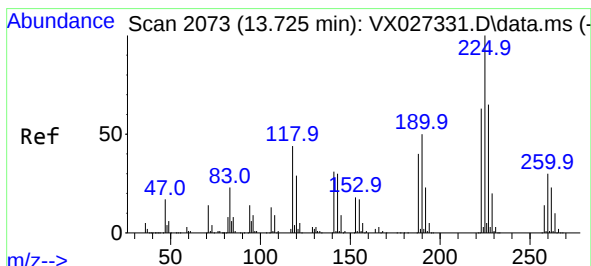
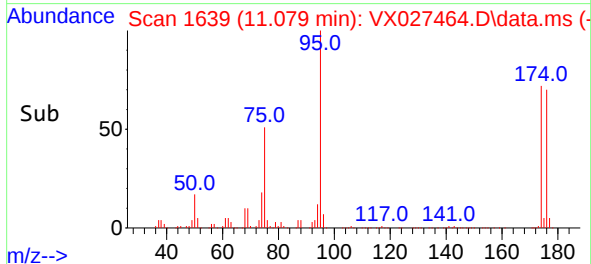
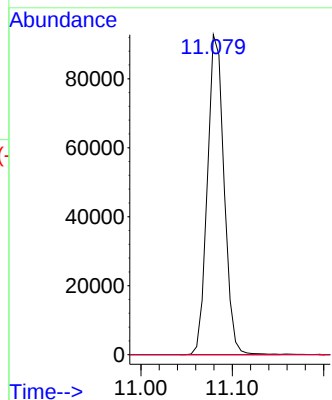
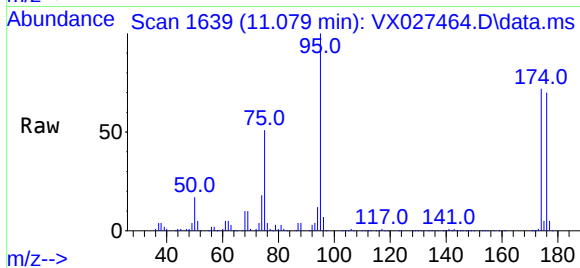




#81
trans-1,4-Dichloro-2-butene
Concen: 77.189 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBL01

Tgt Ion: 75 Resp: 117057
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.333 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX027464.D
Acq: 16 Mar 2022 11:49

Tgt Ion: 225 Resp: 733
Ion Ratio Lower Upper
225 100
223 68.1 34.2 102.5
227 67.4 33.9 101.7

