

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032254.D
 Acq On : 20 Oct 2022 11:47
 Operator : JC/MD
 Sample : VX1020WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBL01

Quant Time: Oct 21 01:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

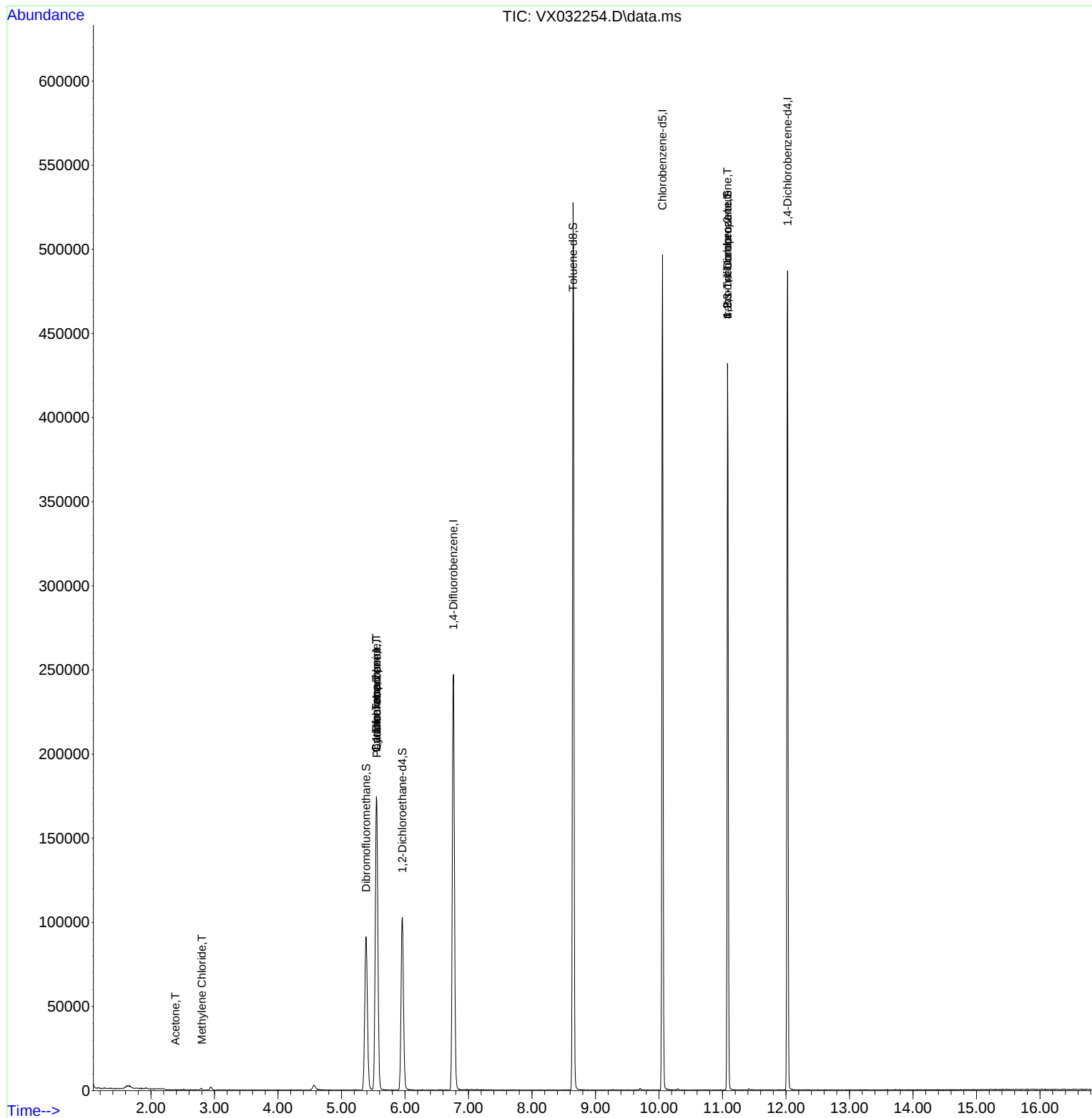
Internal Standards						
1) Pentafluorobenzene	5.556	168	163552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105424	49.550	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.100%	
35) Dibromofluoromethane	5.385	113	79026	45.049	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.100%	
50) Toluene-d8	8.647	98	304036	48.148	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.300%	
62) 4-Bromofluorobenzene	11.079	95	107150	46.339	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	92.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	24	Below Cal	#	44
11) Tert butyl alcohol	2.941	59	1069	Below Cal	#	74
16) Acetone	2.386	43	388	0.562	ug/l #	44
20) Methylene Chloride	2.800	84	532	0.300	ug/l #	71
31) Cyclohexane	5.550	56	3731	1.534	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	12985	5.754	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17451	7.326	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	58904	29.758	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	58904	91.086	ug/l #	6

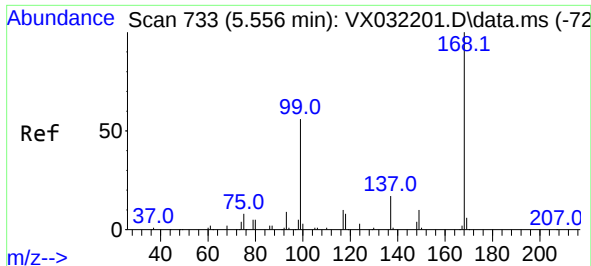
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VX1020WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
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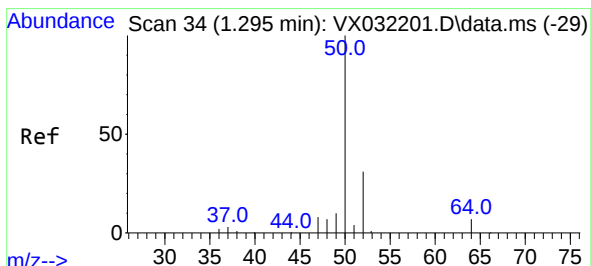
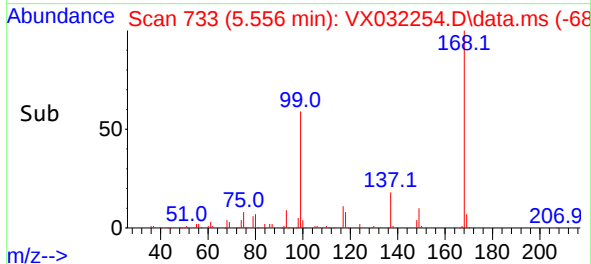
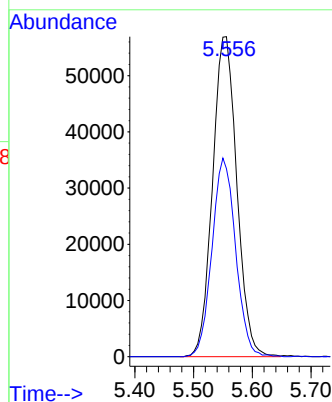
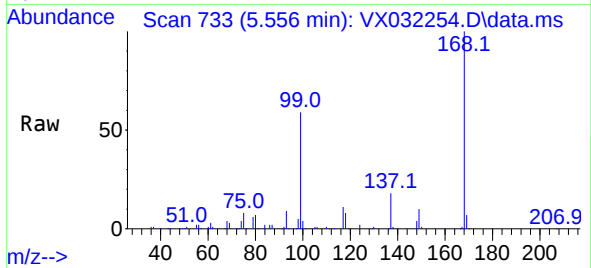




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

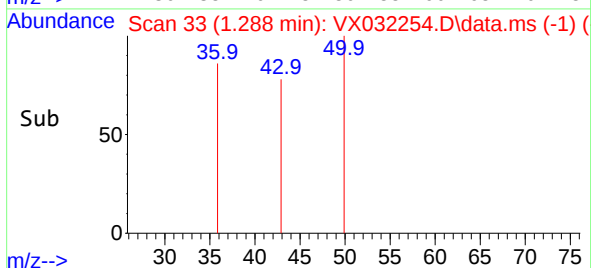
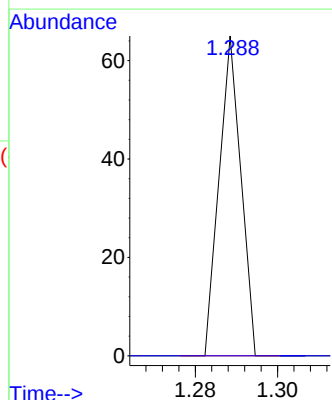
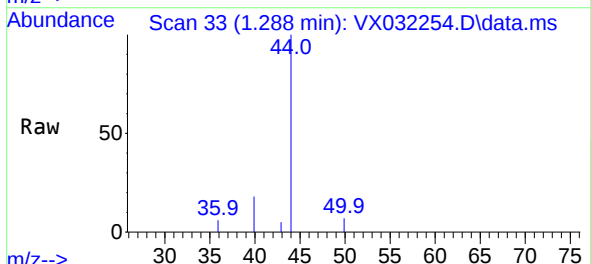
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

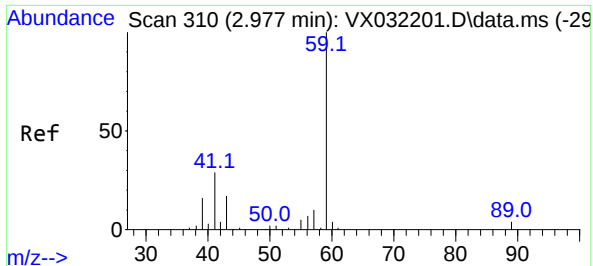
Tgt Ion:168 Resp: 163552
Ion Ratio Lower Upper
168 100
99 58.8 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Tgt Ion: 50 Resp: 24
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

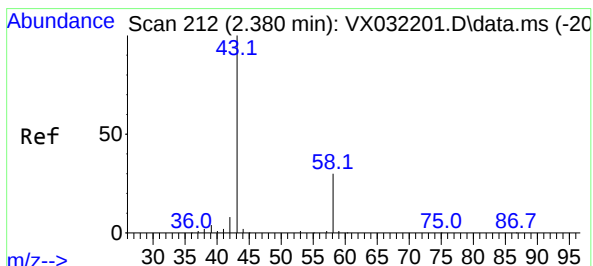
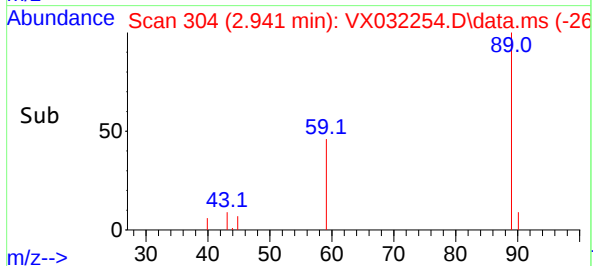
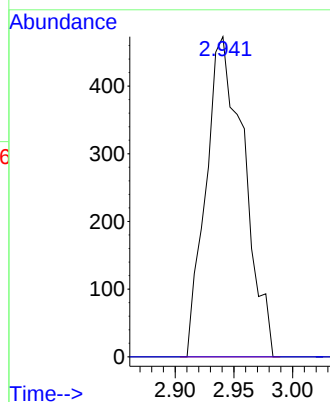
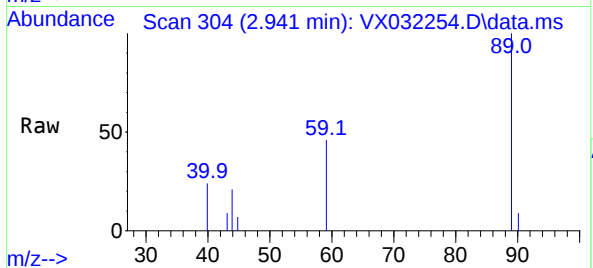




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

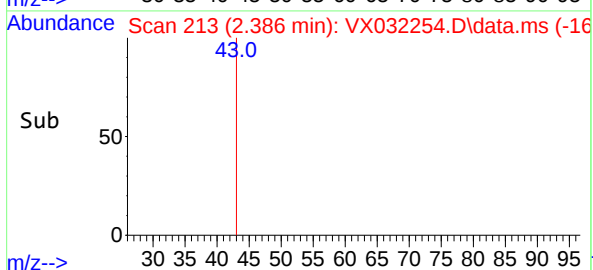
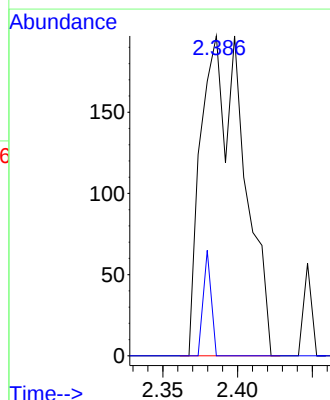
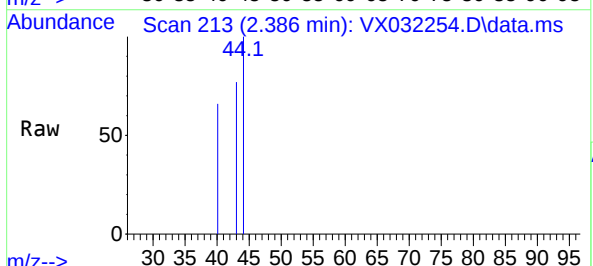
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

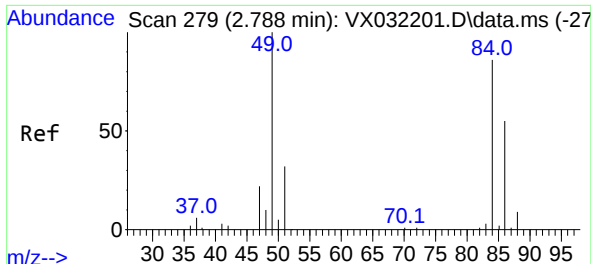
Tgt Ion: 59 Resp: 1069
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#16
Acetone
Concen: 0.562 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



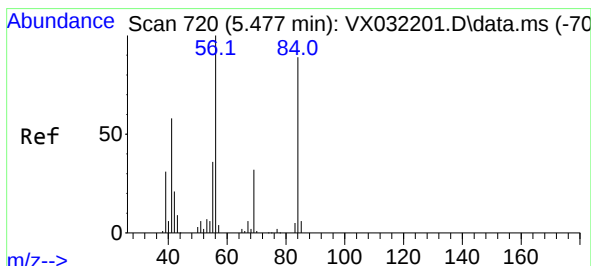
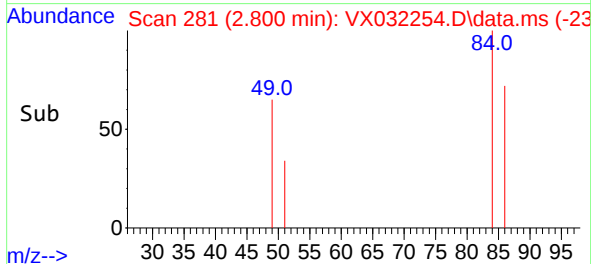
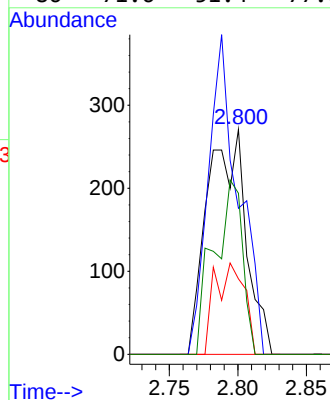
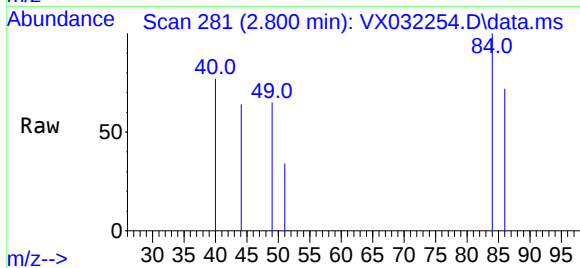


#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

Tgt Ion: 84 Resp: 532

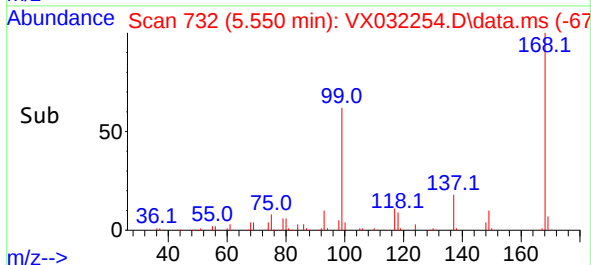
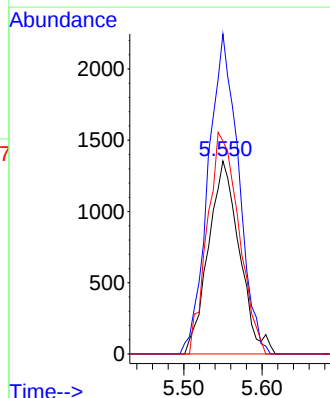
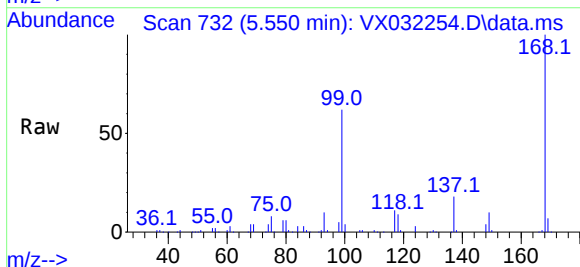
Ion	Ratio	Lower	Upper
84	100		
49	64.9	92.6	139.0#
51	33.6	29.2	43.8
86	71.6	51.4	77.0

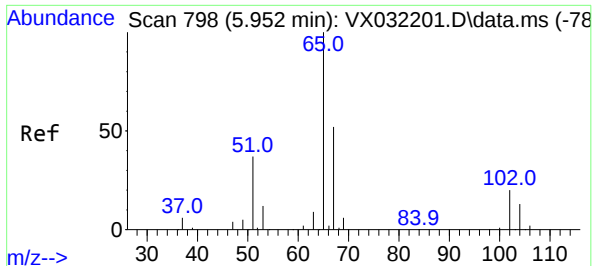


#31
Cyclohexane
Concen: 1.534 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Tgt Ion: 56 Resp: 3731

Ion	Ratio	Lower	Upper
56	100		
69	165.8	25.4	38.0#
84	110.3	71.2	106.8#





#33

1,2-Dichloroethane-d4

Concen: 49.550 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032254.D

Acq: 20 Oct 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

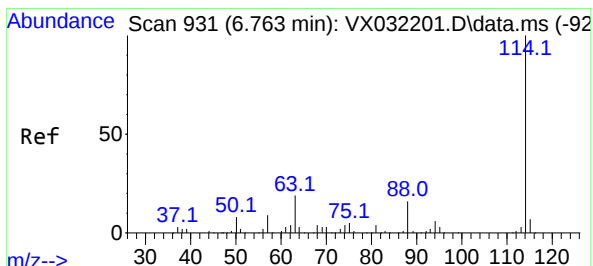
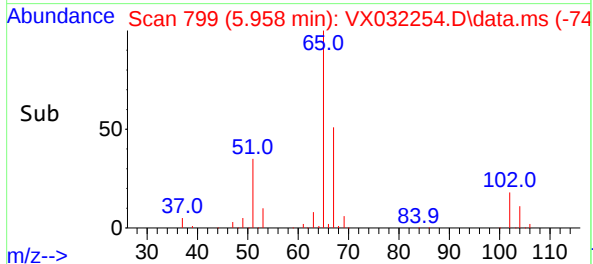
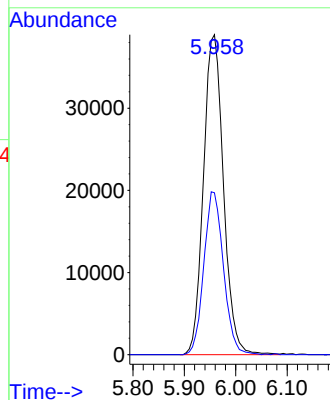
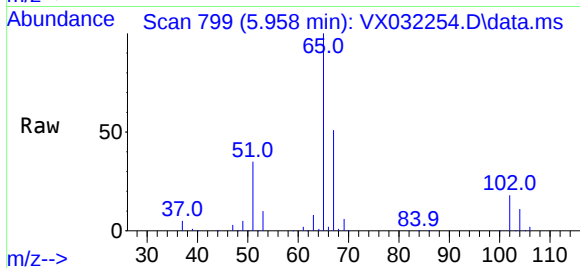
VX1020WBL01

Tgt Ion: 65 Resp: 105424

Ion Ratio Lower Upper

65 100

67 49.9 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: VX032254.D

Acq: 20 Oct 2022 11:47

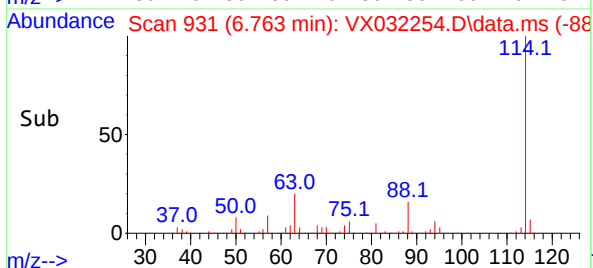
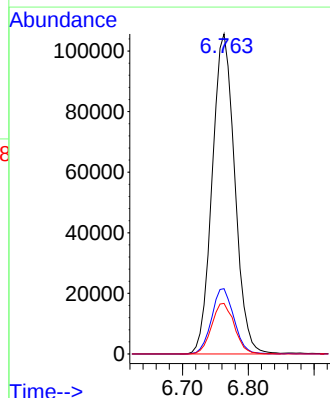
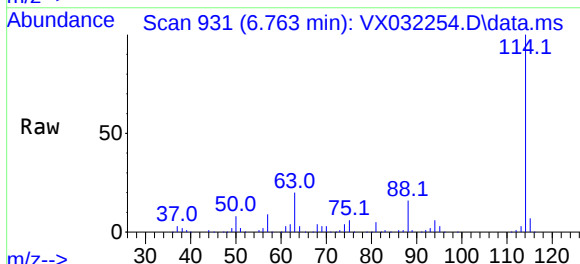
Tgt Ion: 114 Resp: 252089

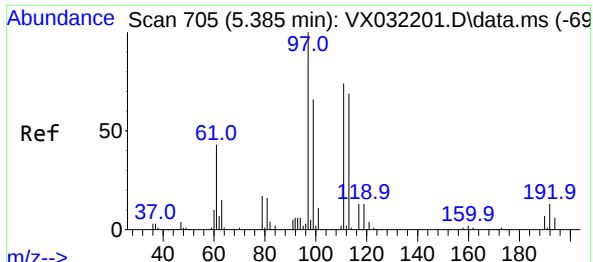
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.6

88 15.8 0.0 32.6

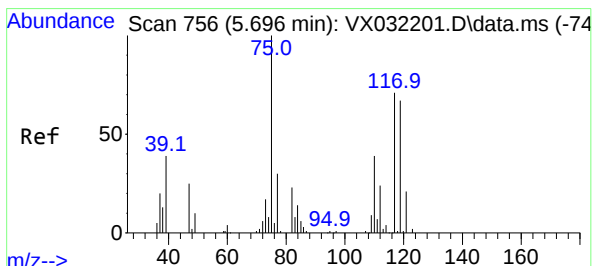
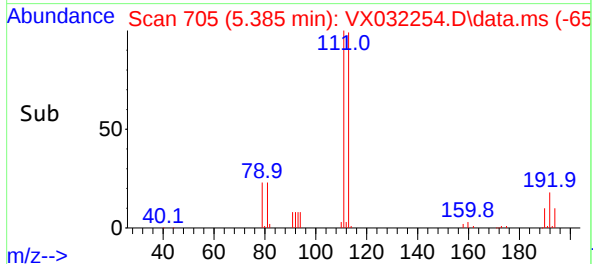
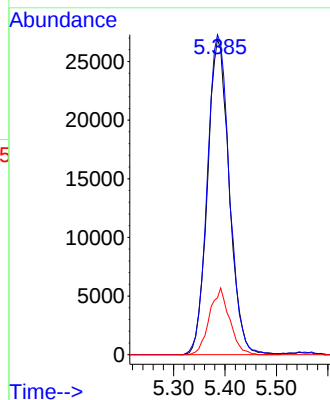
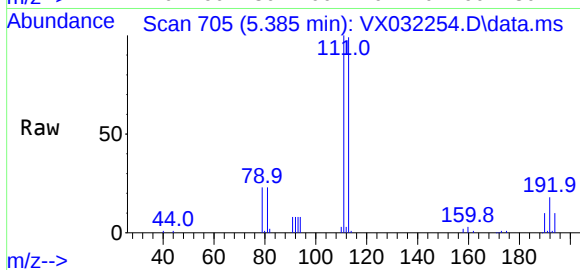




#35
Dibromofluoromethane
Concen: 45.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

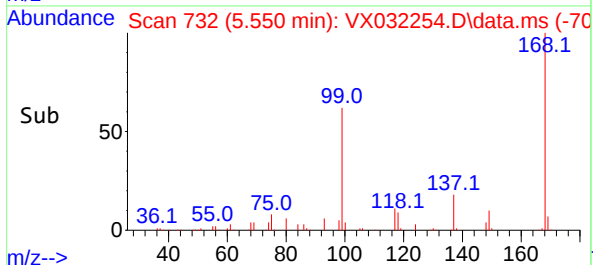
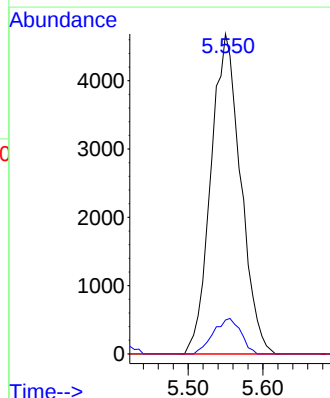
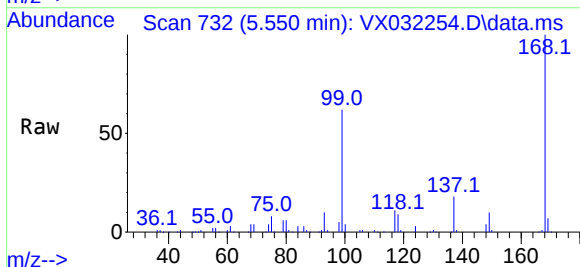
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

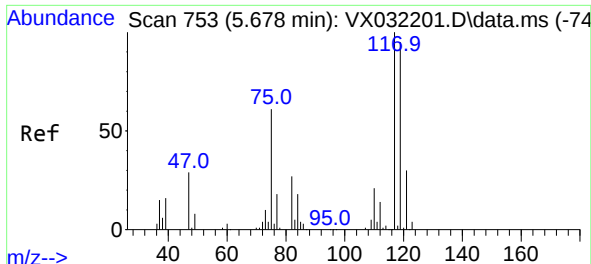
Tgt Ion:	113	Resp:	79026
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	19.5	15.5	23.3



#36
1,1-Dichloropropene
Concen: 5.754 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

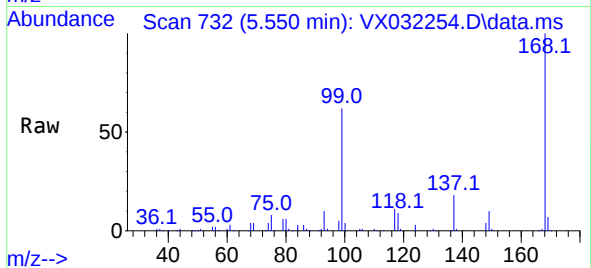
Tgt Ion:	75	Resp:	12985
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.4	55.0#
77	0.0	24.7	37.1#



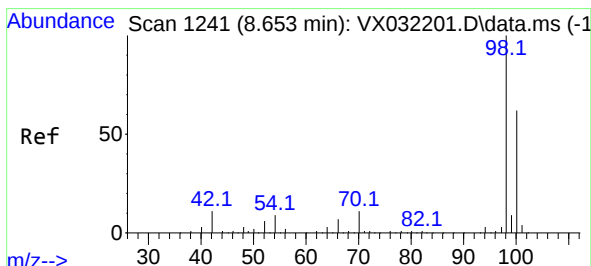
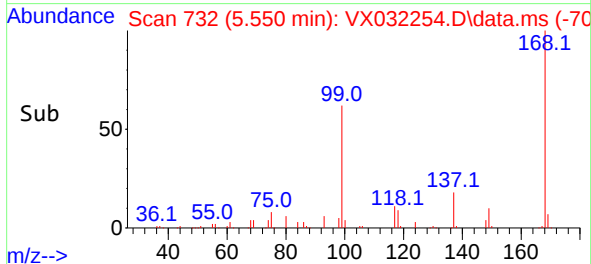
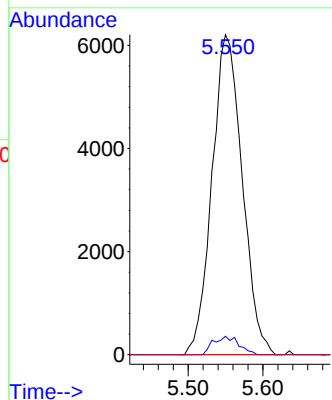


#38
Carbon Tetrachloride
Concen: 7.326 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

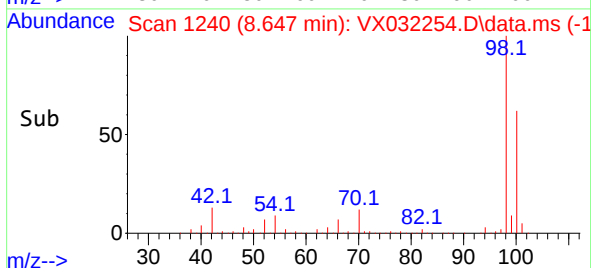
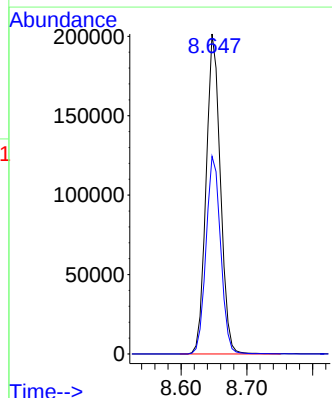
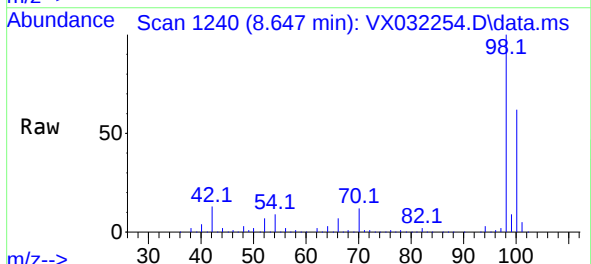


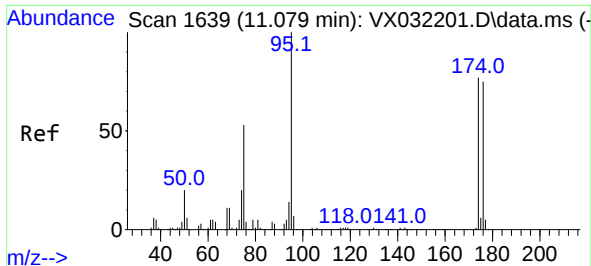
Tgt Ion:117 Resp: 17451
Ion Ratio Lower Upper
117 100
119 5.8 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 48.148 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Tgt Ion: 98 Resp: 304036
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1

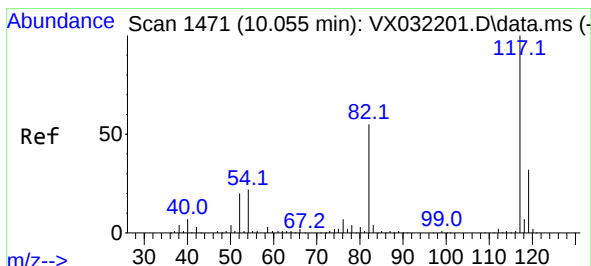
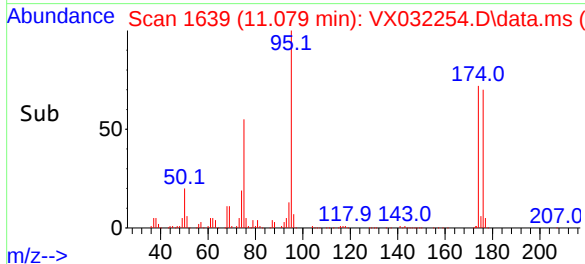
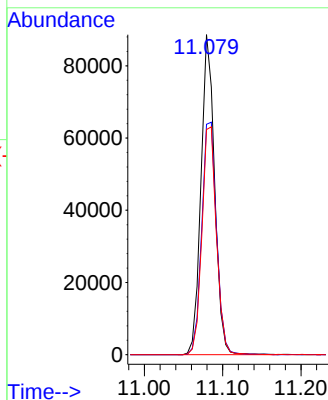
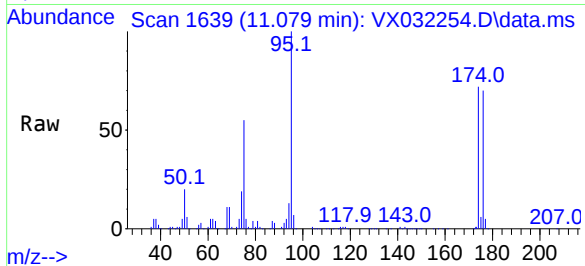




#62
4-Bromofluorobenzene
Concen: 46.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

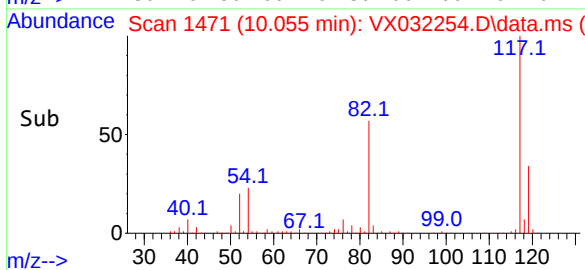
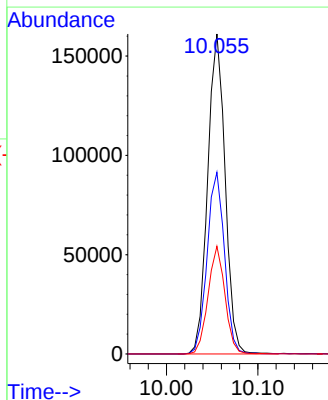
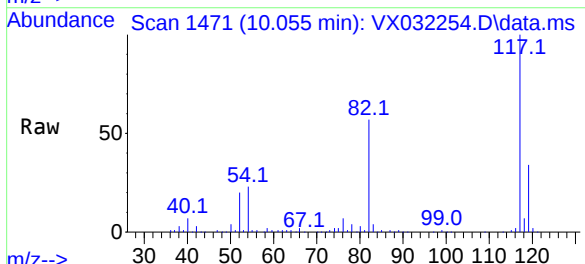
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

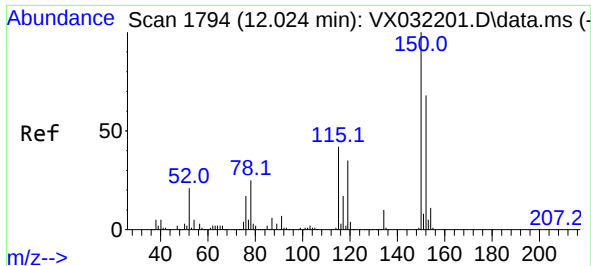
Tgt Ion: 95 Resp: 107150
Ion Ratio Lower Upper
95 100
174 78.7 0.0 166.8
176 75.8 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Tgt Ion: 117 Resp: 213199
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.4
119 33.6 25.8 38.8

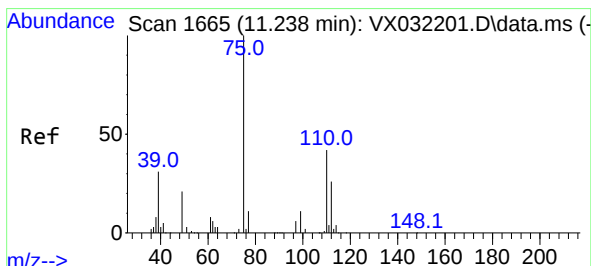
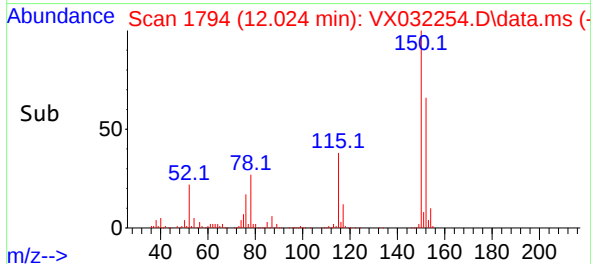
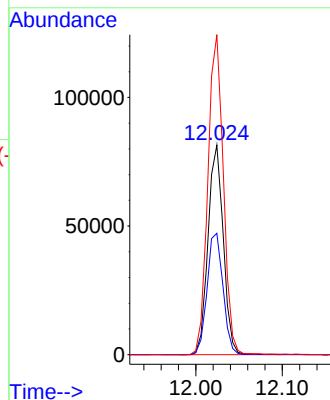
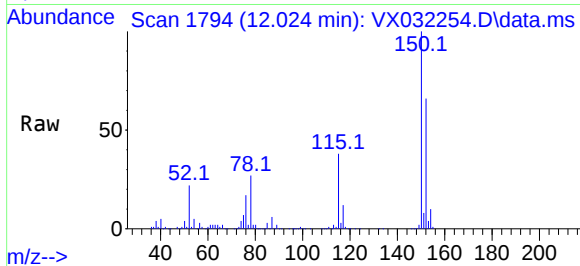




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

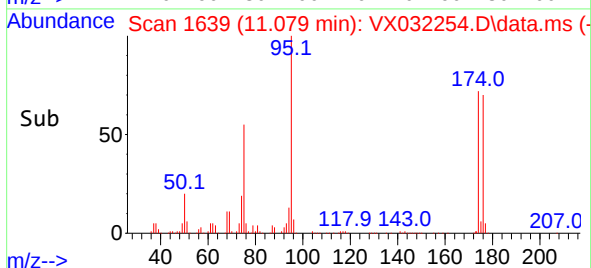
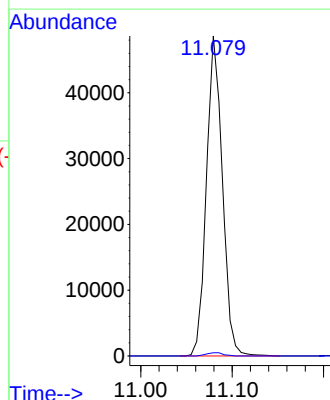
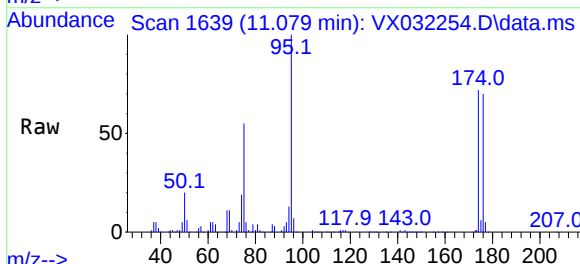
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

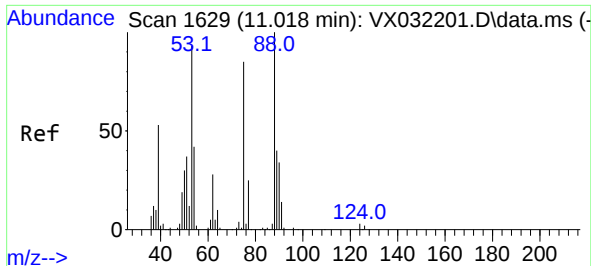
Tgt Ion:152 Resp: 99901
Ion Ratio Lower Upper
152 100
115 60.5 43.1 129.4
150 155.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.758 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Tgt Ion: 75 Resp: 58904
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.086 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032254.D
Acq: 20 Oct 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

Tgt Ion: 75 Resp: 58904
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

