

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026992.D
 Acq On : 12 Feb 2022 01:20
 Operator : JC/MD
 Sample : N1517-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20994

Quant Time: Feb 12 04:42:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

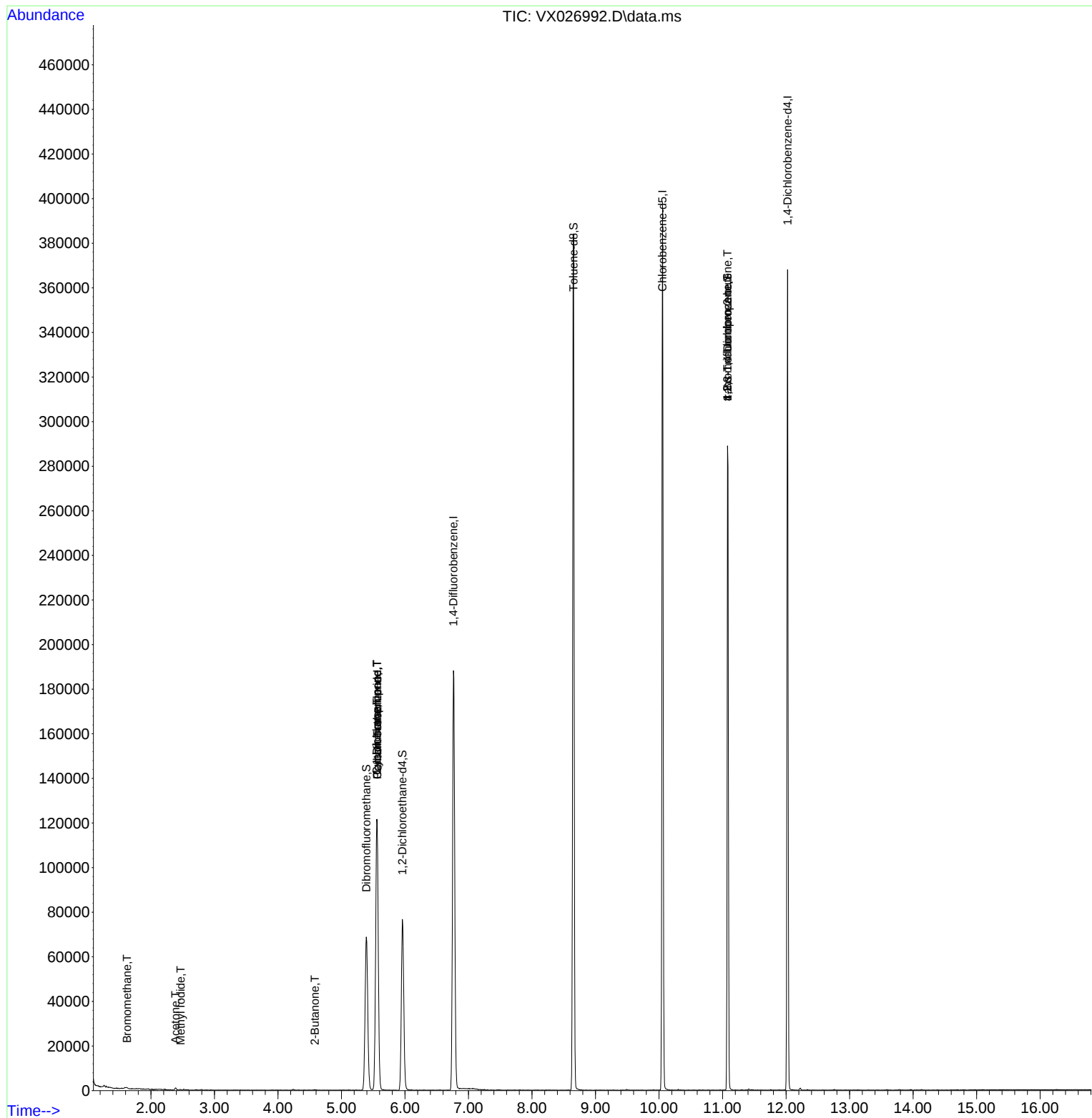
Internal Standards						
1) Pentafluorobenzene	5.562	168	116997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74833	53.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.560%	
35) Dibromofluoromethane	5.391	113	61245	52.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	8.653	98	229279	53.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	11.079	95	81436	54.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	144	0.274	ug/l #	69
10) Methyl Iodide	2.465	142	322	2.439	ug/l #	77
16) Acetone	2.386	43	1136	1.842	ug/l #	89
25) 2-Butanone	4.580	43	400	0.402	ug/l #	50
31) Cyclohexane	5.556	56	2288	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9037	4.928	ug/l #	50
38) Carbon Tetrachloride	5.562	117	11987	6.233	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	40931	25.339	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40931	77.242	ug/l #	3

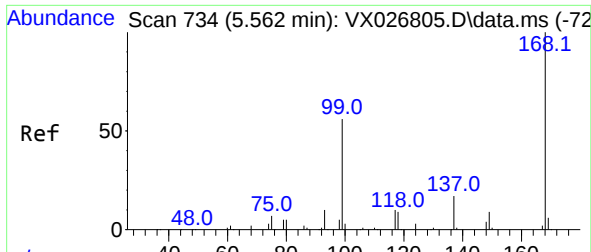
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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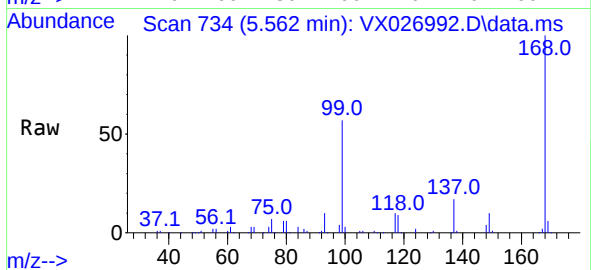
Quant Time: Feb 12 04:42:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
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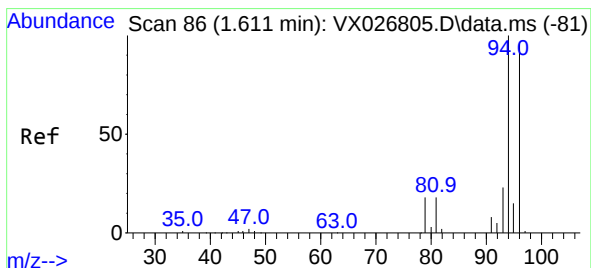
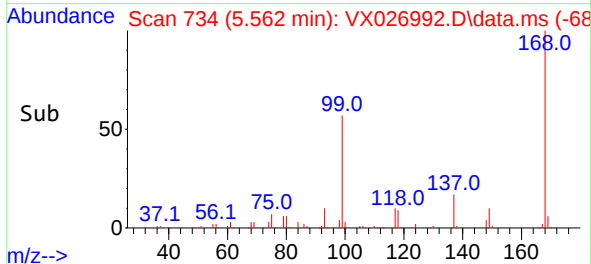
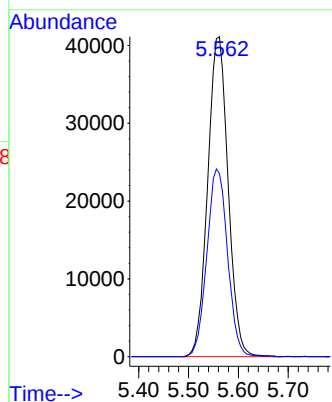


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

Instrument :
MSVOA_X
ClientSampleId :
20994

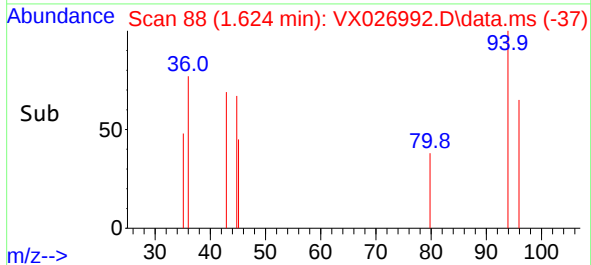
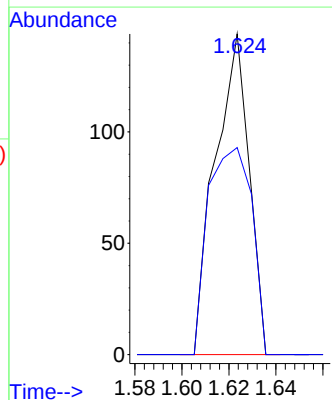
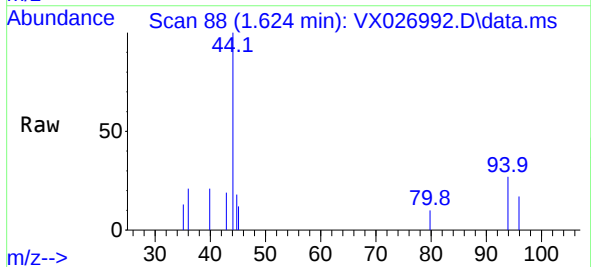


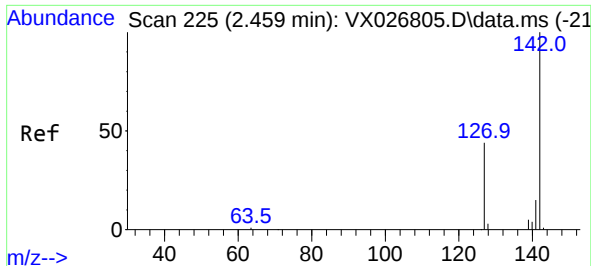
Tgt Ion:168 Resp: 116997
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#5
Bromomethane
Concen: 0.274 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 64.6 75.9 113.9#

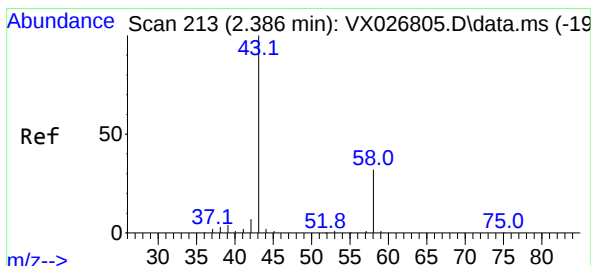
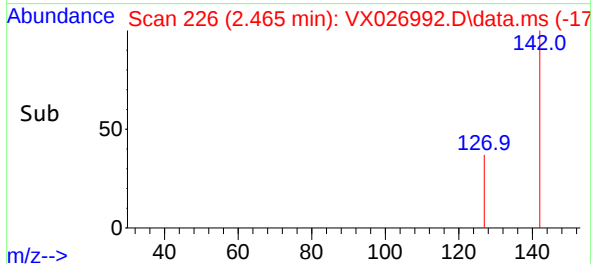
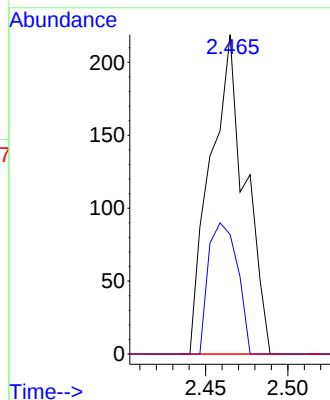
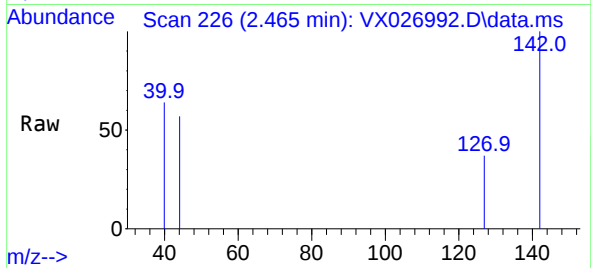




#10
Methyl Iodide
Concen: 2.439 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

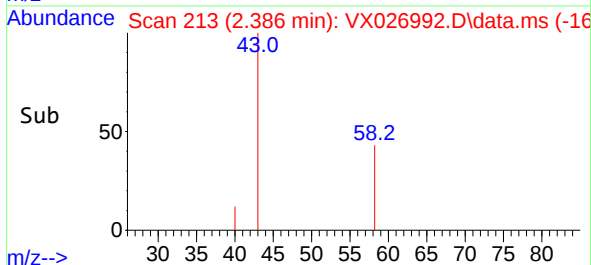
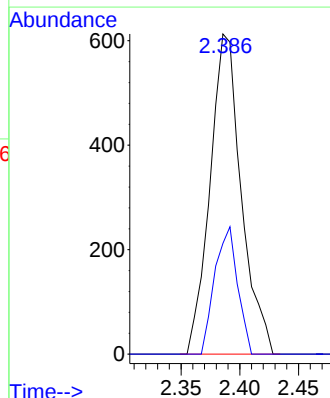
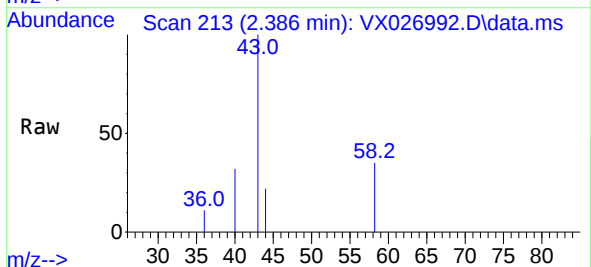
Instrument :
MSVOA_X
ClientSampleId :
20994

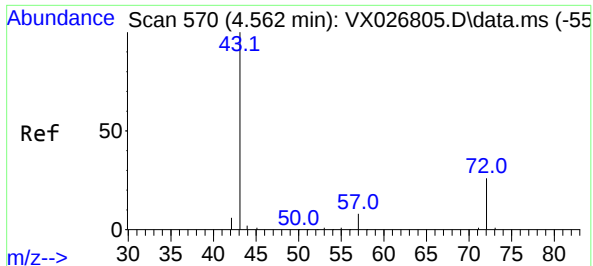
Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
127 34.2 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.842 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 34.6 23.0 34.6#





#25

2-Butanone

Concen: 0.402 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026992.D

Acq: 12 Feb 2022 01:20

Instrument :

MSVOA_X

ClientSampleId :

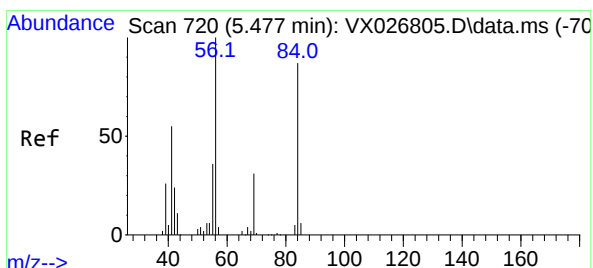
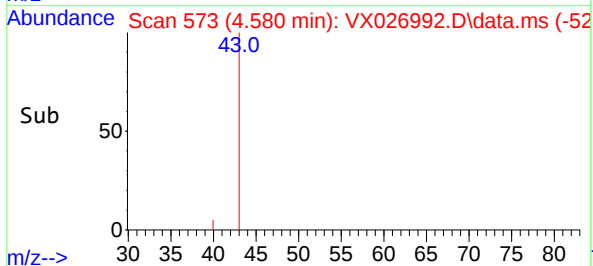
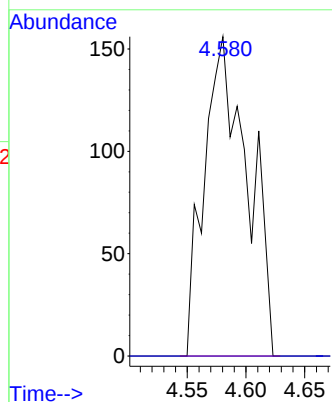
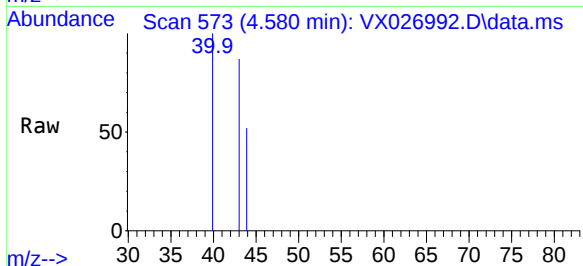
20994

Tgt Ion: 43 Resp: 400

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026992.D

Acq: 12 Feb 2022 01:20

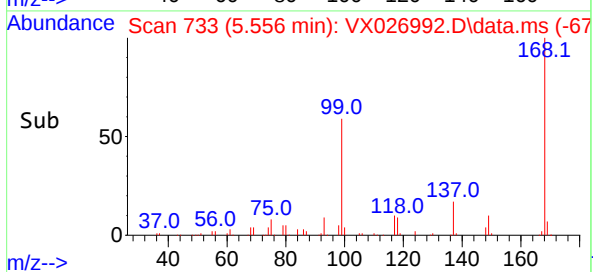
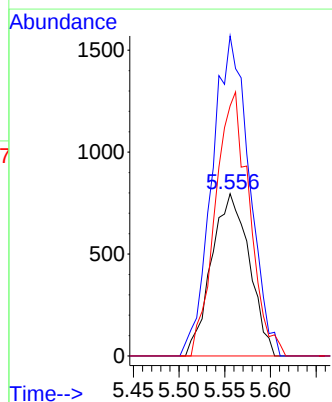
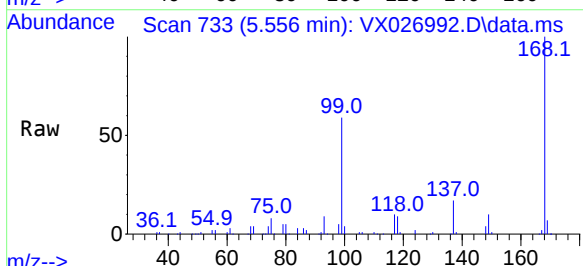
Tgt Ion: 56 Resp: 2288

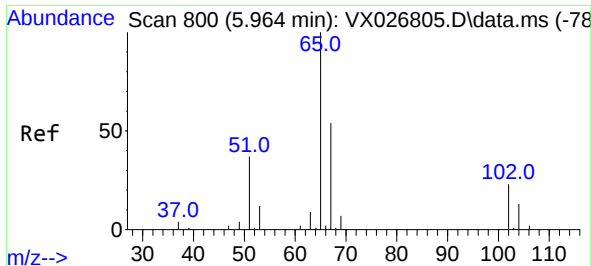
Ion Ratio Lower Upper

56 100

69 197.2 25.8 38.6#

84 154.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.283 ug/l

RT: 5.958 min Scan# 74

Delta R.T. -0.006 min

Lab File: VX026992.D

Acq: 12 Feb 2022 01:20

Instrument :

MSVOA_X

ClientSampleId :

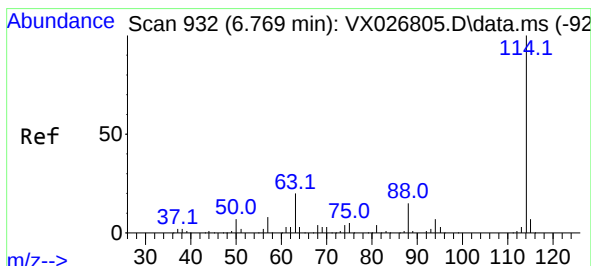
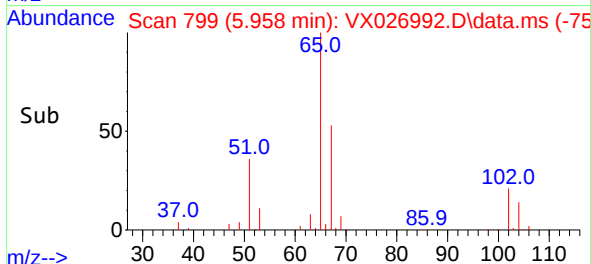
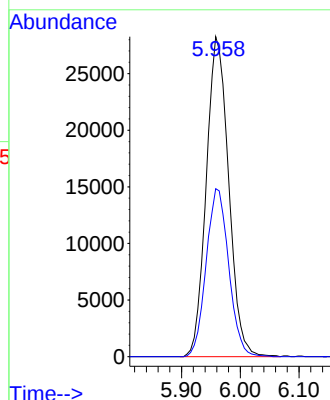
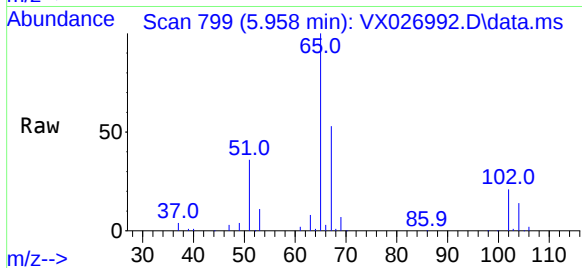
20994

Tgt Ion: 65 Resp: 74833

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026992.D

Acq: 12 Feb 2022 01:20

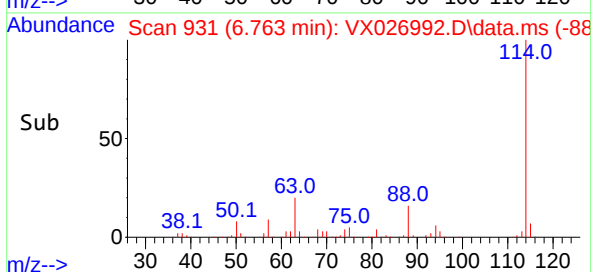
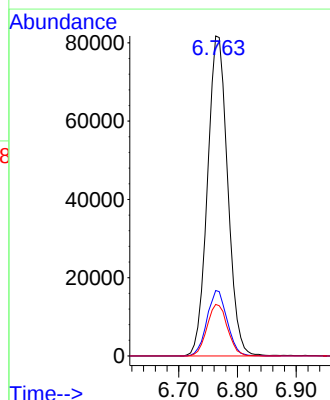
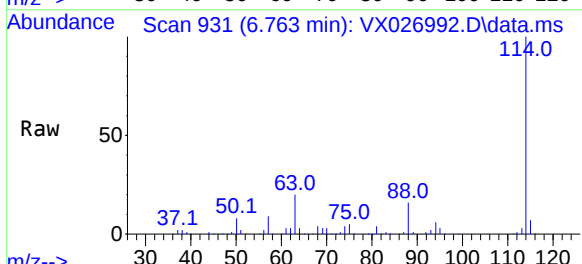
Tgt Ion: 114 Resp: 195112

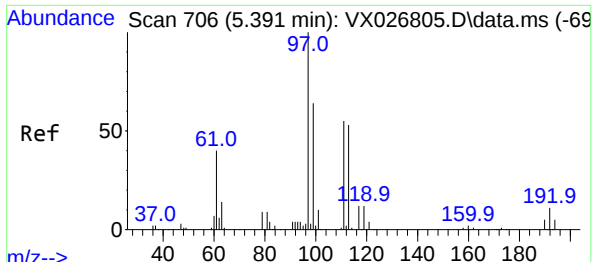
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

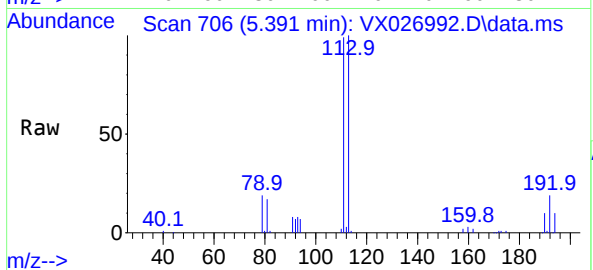
88 16.1 0.0 33.0



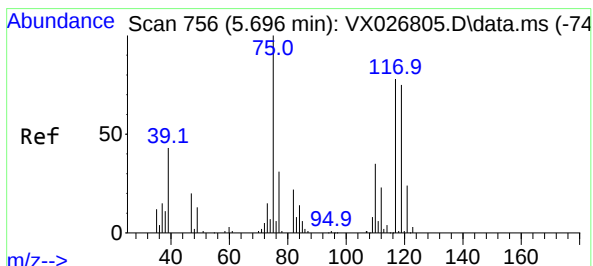
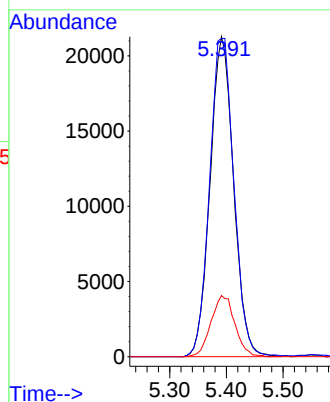
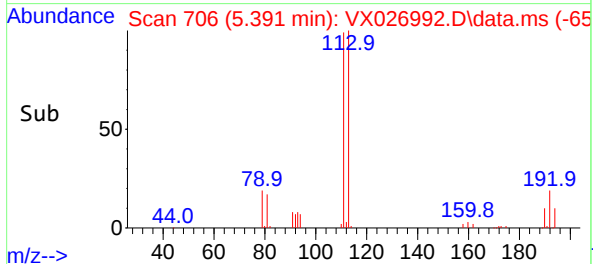


#35
Dibromofluoromethane
Concen: 52.687 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

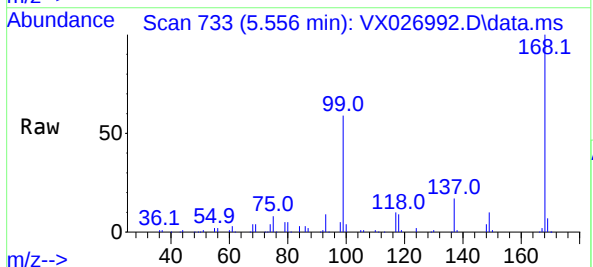
Instrument :
MSVOA_X
ClientSampleId :
20994



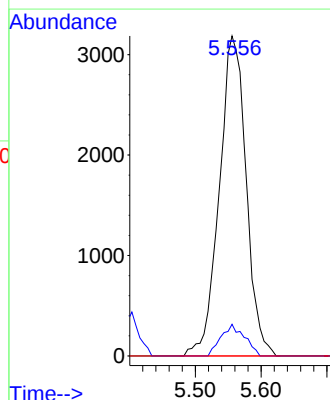
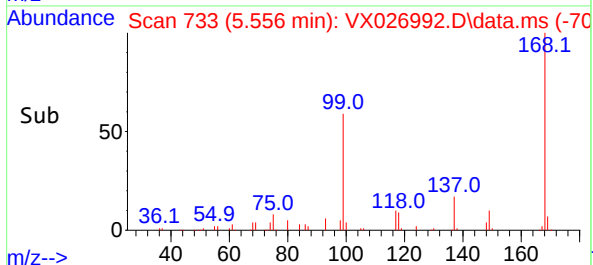
Tgt Ion:113 Resp: 61245
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.4 15.0 22.4

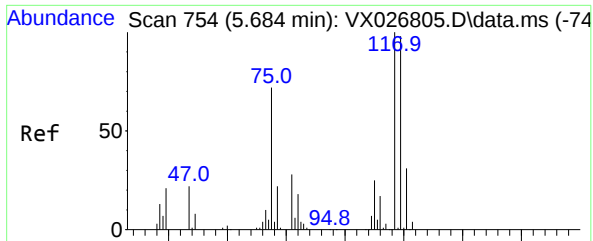


#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20



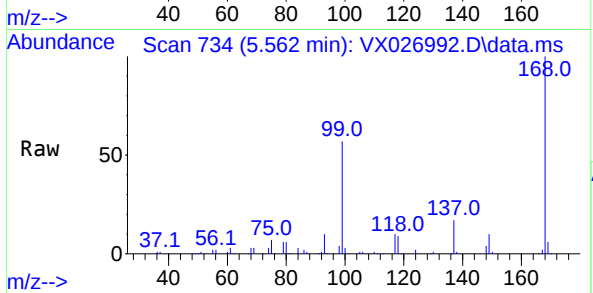
Tgt Ion: 75 Resp: 9037
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



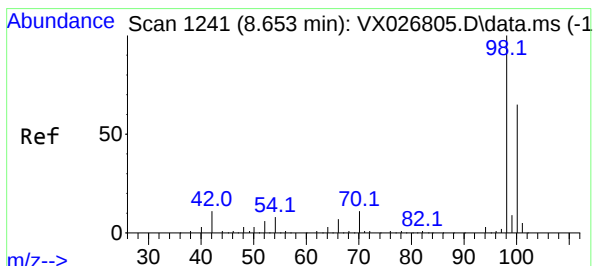
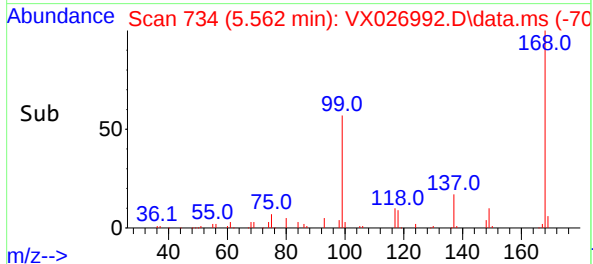
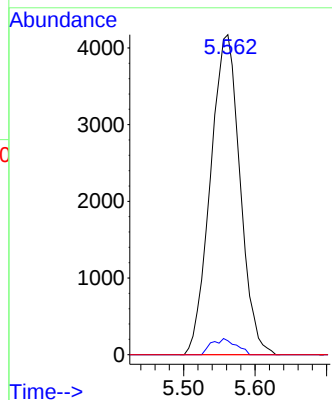


#38
Carbon Tetrachloride
Concen: 6.233 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

Instrument :
MSVOA_X
ClientSampleId :
20994

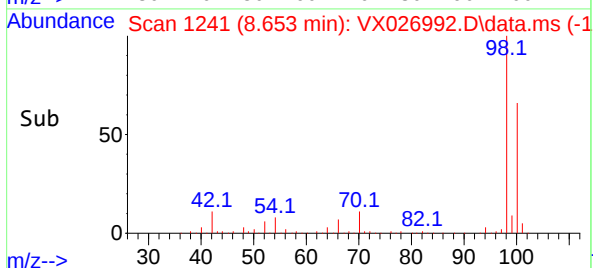
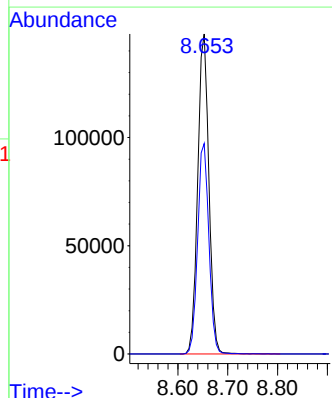
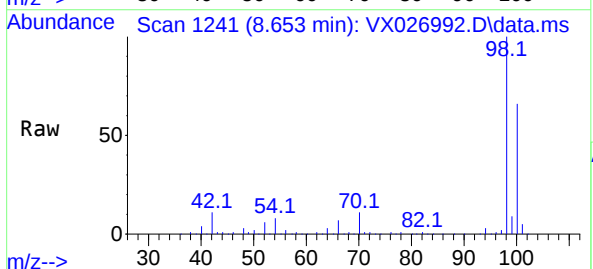


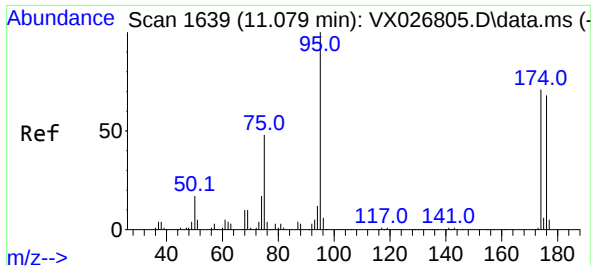
Tgt Ion:117 Resp: 11987
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 53.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

Tgt Ion: 98 Resp: 229279
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8

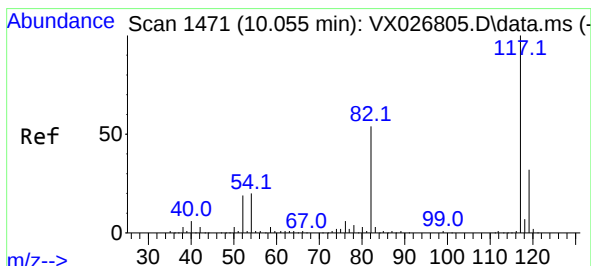
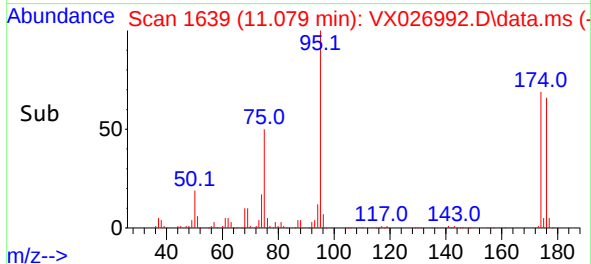
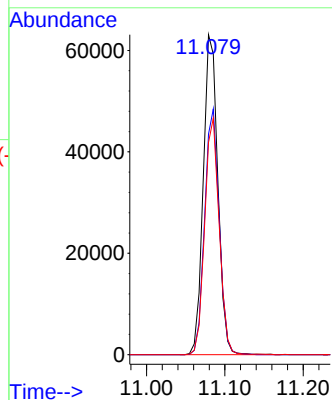
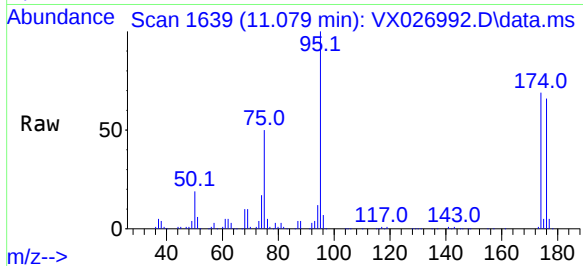




#62
4-Bromofluorobenzene
Concen: 54.209 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

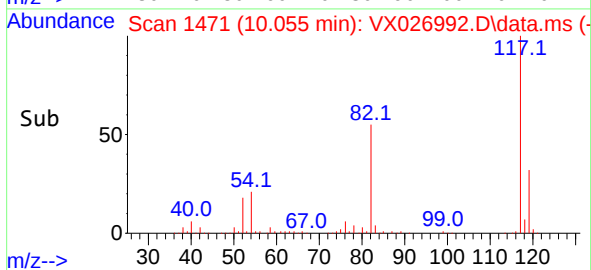
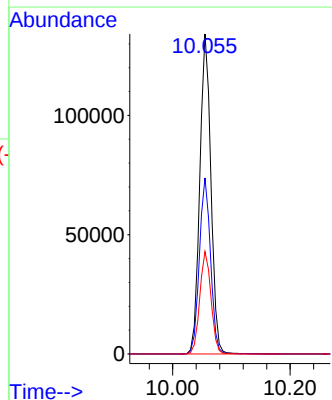
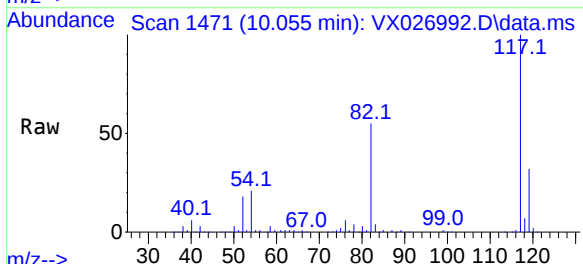
Instrument :
MSVOA_X
ClientSampleId :
20994

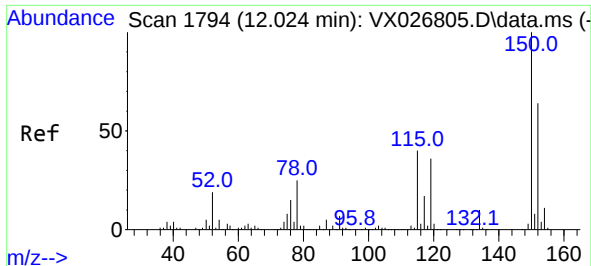
Tgt Ion: 95 Resp: 81436
Ion Ratio Lower Upper
95 100
174 76.4 0.0 148.6
176 73.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

Tgt Ion: 117 Resp: 176143
Ion Ratio Lower Upper
117 100
82 55.0 45.2 67.8
119 32.0 26.2 39.2

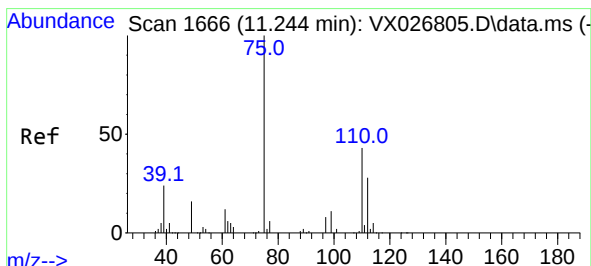
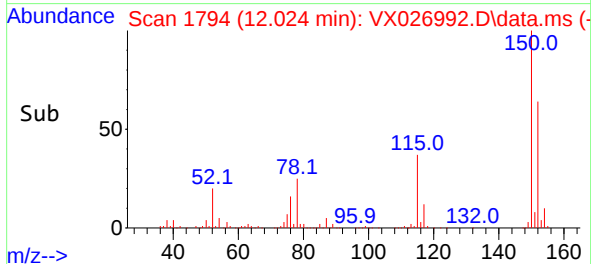
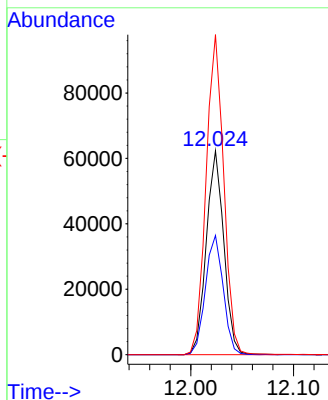
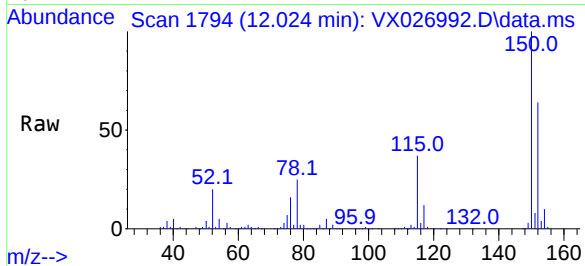




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026992.D
 Acq: 12 Feb 2022 01:20

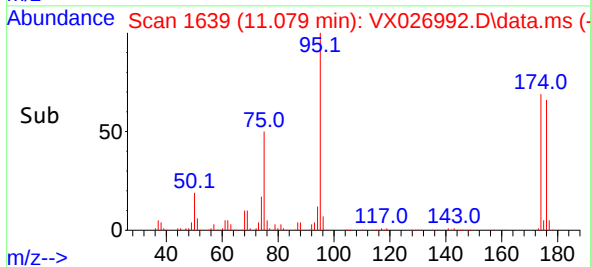
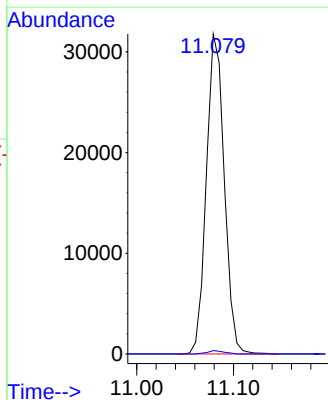
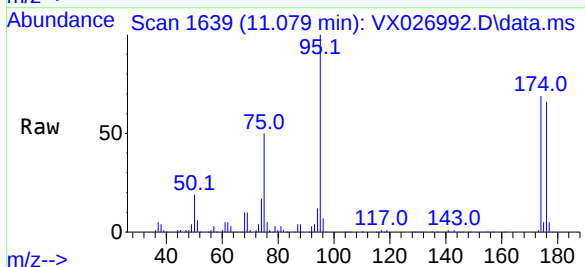
Instrument :
 MSVOA_X
 ClientSampleId :
 20994

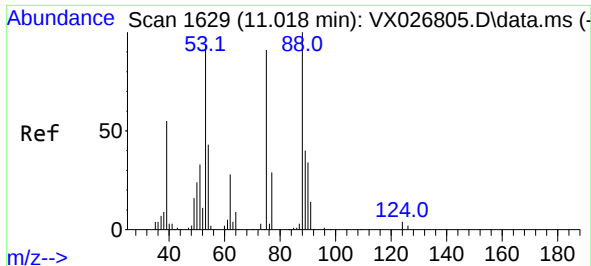
Tgt Ion:152 Resp: 73793
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.2 132.6
 150 158.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.339 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026992.D
 Acq: 12 Feb 2022 01:20

Tgt Ion: 75 Resp: 40931
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.242 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026992.D
Acq: 12 Feb 2022 01:20

Instrument :
MSVOA_X
ClientSampleId :
20994

Tgt Ion: 75 Resp: 40931
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

