

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027663.D
 Acq On : 23 Mar 2022 13:29
 Operator : JC/MD
 Sample : N1998-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:35:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

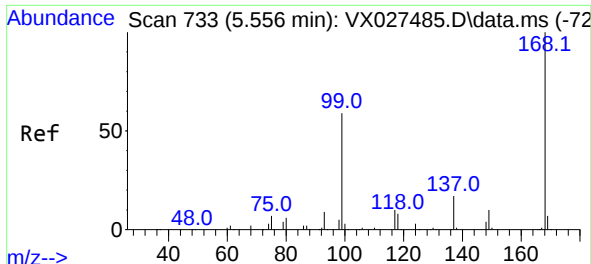
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	351640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	526801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206501	47.670	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.340%
35) Dibromofluoromethane	5.391	113	183119	50.537	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.080%
50) Toluene-d8	8.653	98	650920	47.472	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.940%
62) 4-Bromofluorobenzene	11.079	95	246502	48.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.820%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	899	Below Cal	#	71
10) Methyl Iodide	2.453	142	1769	0.393	ug/l #	90
11) Tert butyl alcohol	2.947	59	15576	18.867	ug/l #	75
16) Acetone	2.380	43	4405	2.495	ug/l #	80
18) Methyl Acetate	2.709	43	860	0.203	ug/l #	56
20) Methylene Chloride	2.794	84	1362	0.359	ug/l #	94
25) 2-Butanone	4.562	43	800	0.301	ug/l #	44
31) Cyclohexane	5.550	56	6069	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24012	4.849	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34120	6.023	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	114451	22.662	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	114451	68.826	ug/l #	15

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

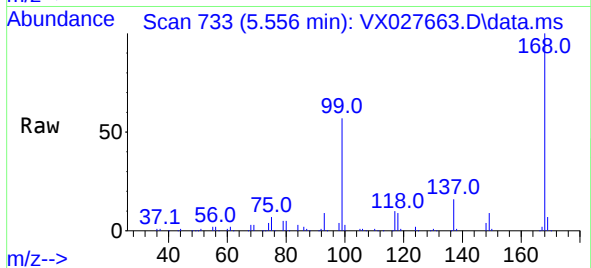
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



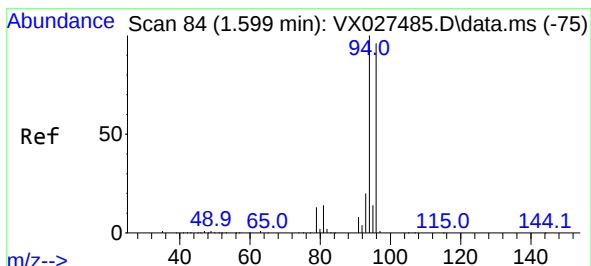
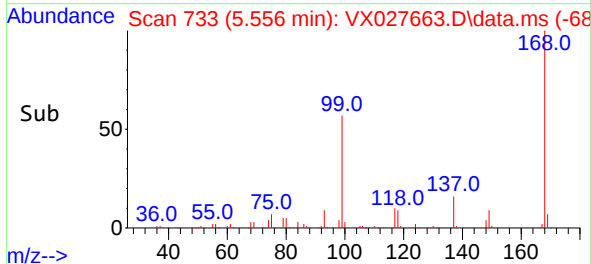
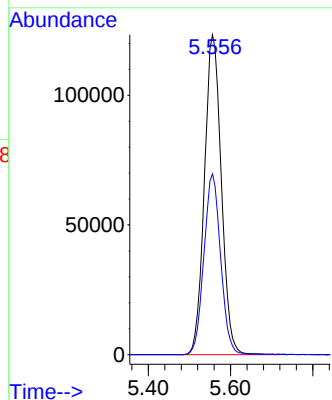


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Instrument :
MSVOA_X
ClientSampleId :

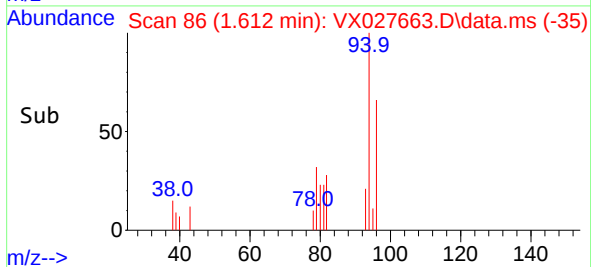
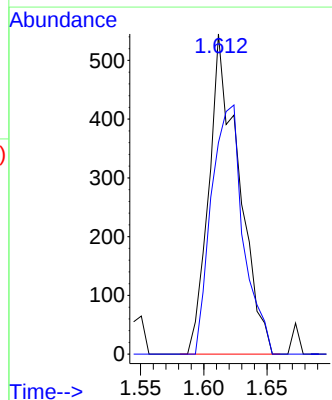
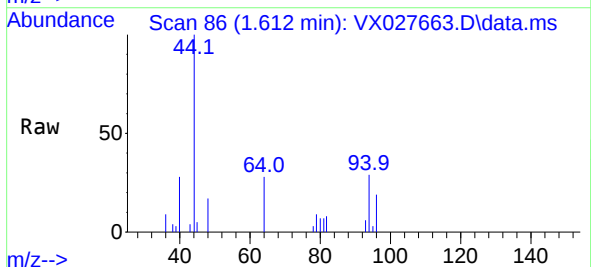


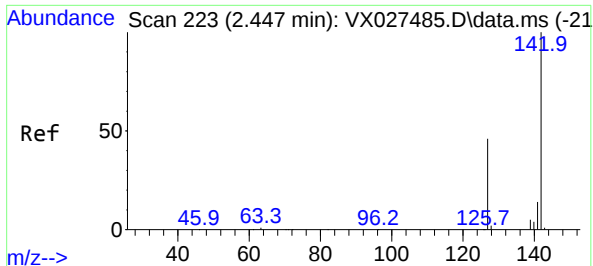
Tgt Ion:168 Resp: 351640
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

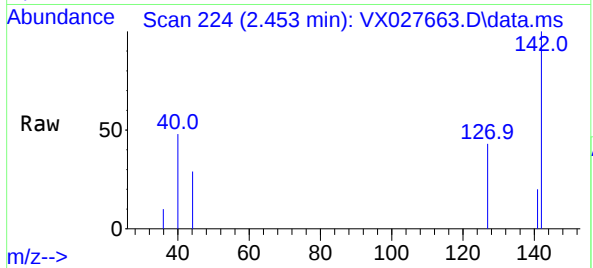
Tgt Ion: 94 Resp: 899
Ion Ratio Lower Upper
94 100
96 66.1 75.3 112.9#



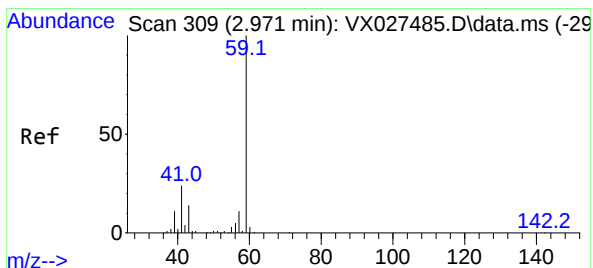
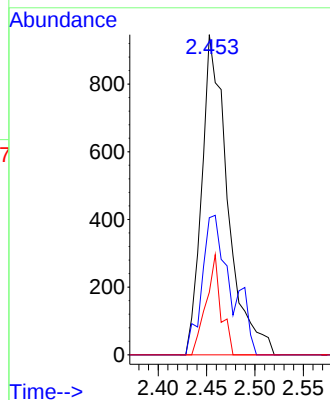
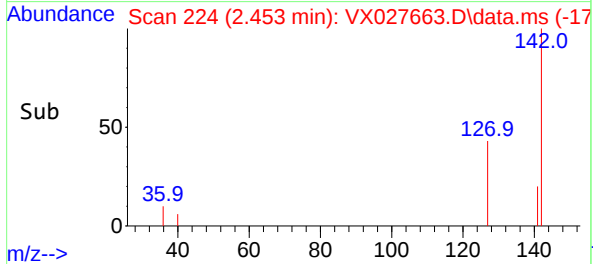


#10
Methyl Iodide
Concen: 0.393 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

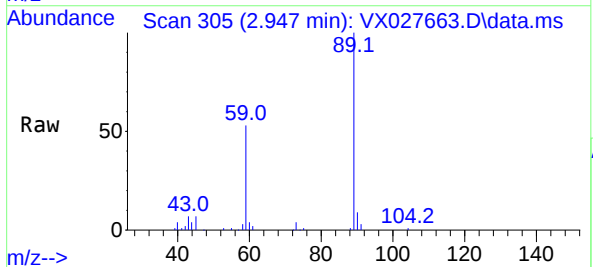
Instrument :
MSVOA_X
ClientSampleId :



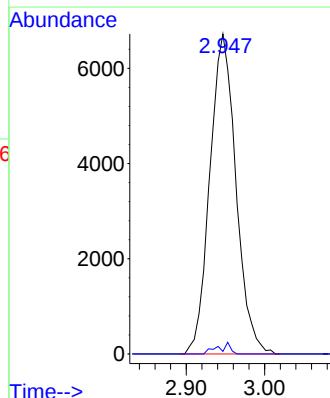
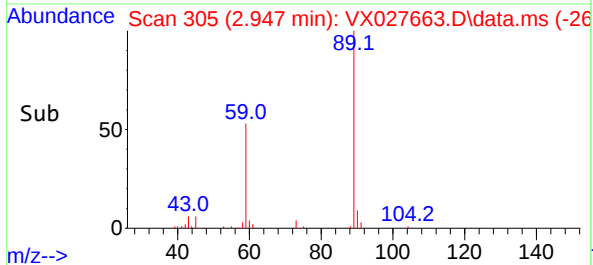
Tgt Ion:142 Resp: 1769
Ion Ratio Lower Upper
142 100
127 48.8 33.9 50.9
141 18.0 11.4 17.2#

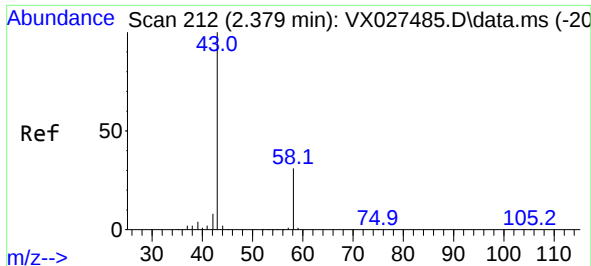


#11
Tert butyl alcohol
Concen: 18.867 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29



Tgt Ion: 59 Resp: 15576
Ion Ratio Lower Upper
59 100
57 1.0 8.3 12.5#

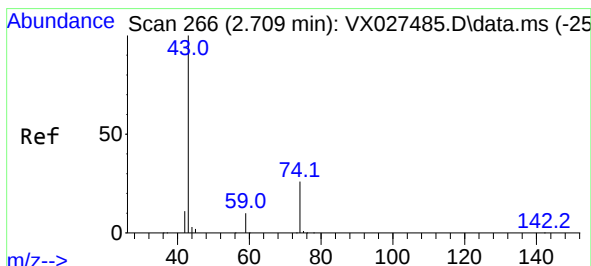
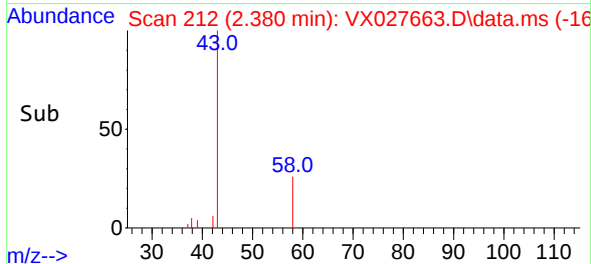
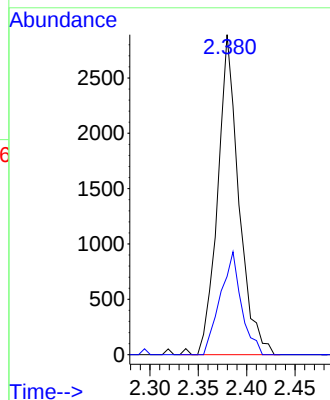
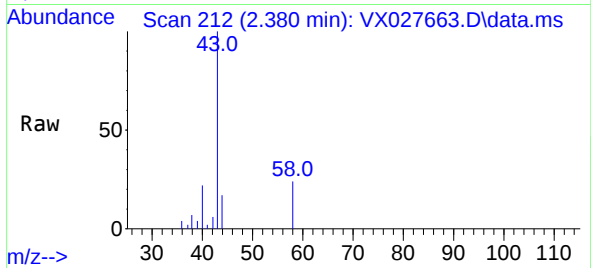




#16
Acetone
Concen: 2.495 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

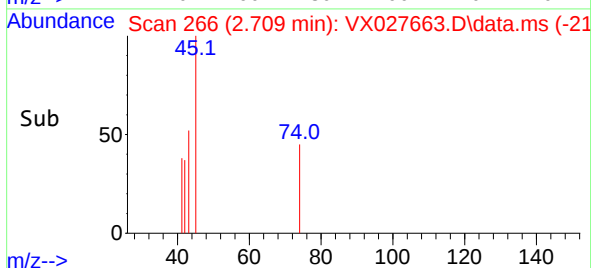
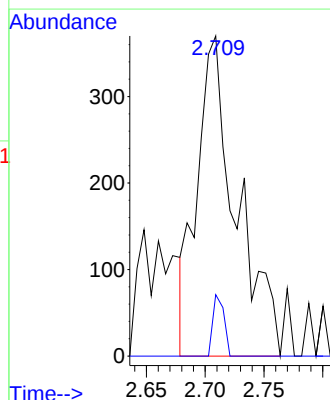
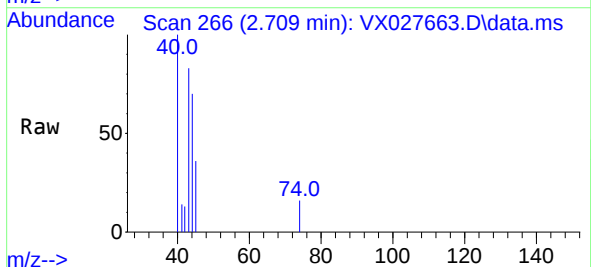
Instrument : MSVOA_X
ClientSampleId :

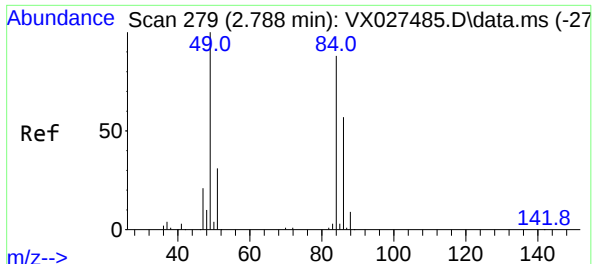
Tgt Ion: 43 Resp: 4405
Ion Ratio Lower Upper
43 100
58 24.5 28.8 43.2#



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

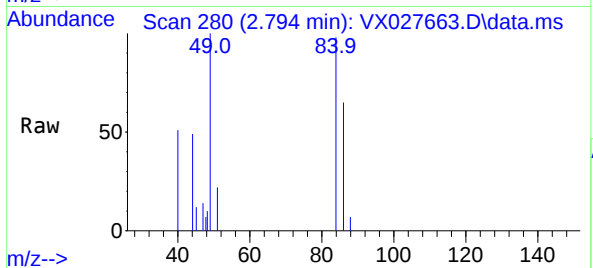
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
74 5.3 22.8 34.2#





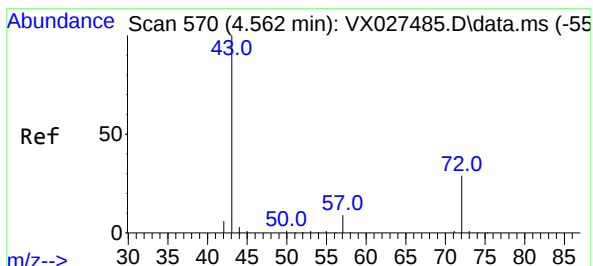
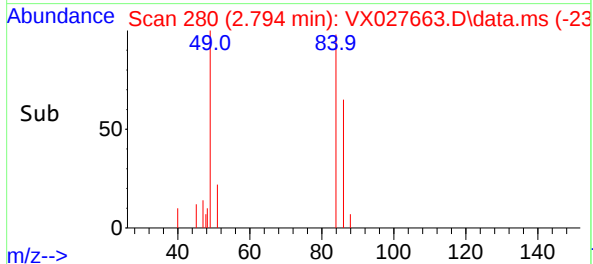
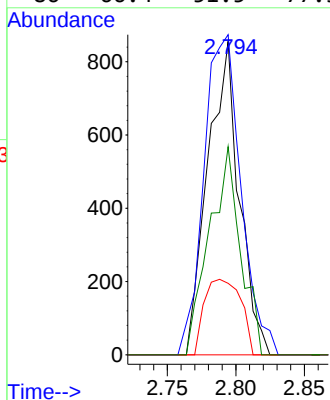
#20
Methylene Chloride
Concen: 0.359 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1362

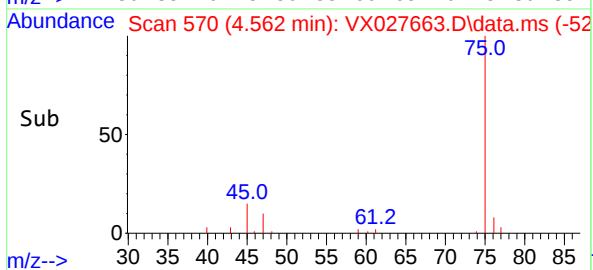
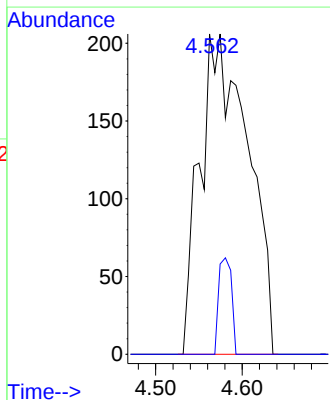
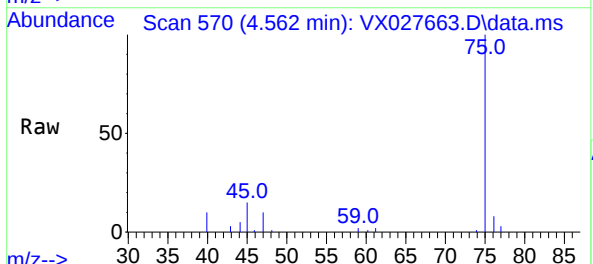
Ion	Ratio	Lower	Upper
84	100		
49	102.1	85.5	128.3
51	22.8	26.6	39.8#
86	66.4	51.5	77.3

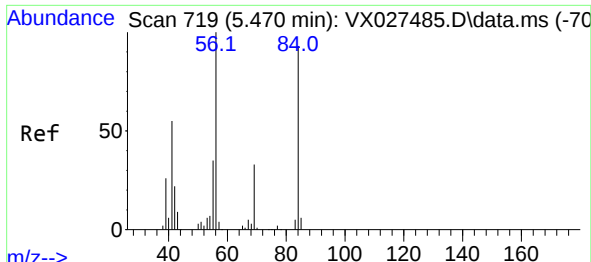


#25
2-Butanone
Concen: 0.301 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Tgt Ion: 43 Resp: 800

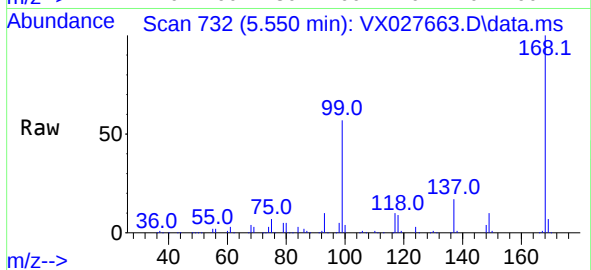
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.4	36.6#



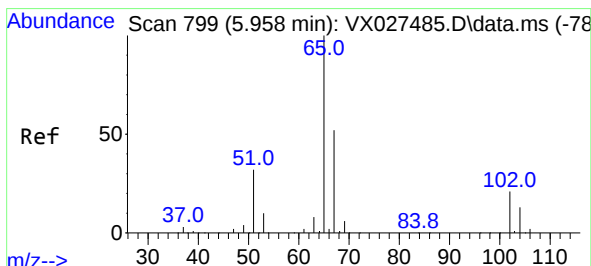
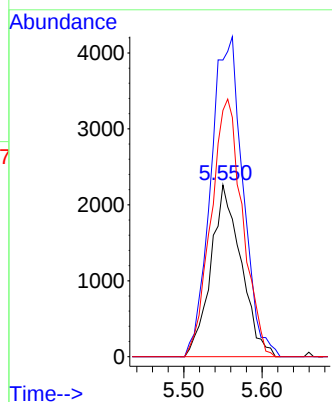
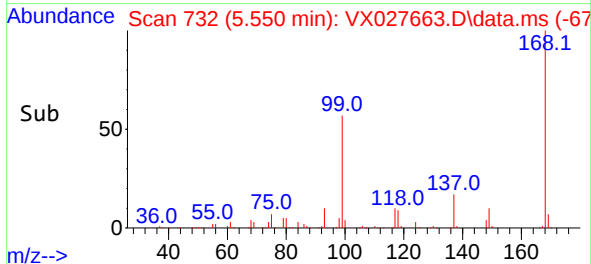


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Instrument :
MSVOA_X
ClientSampleId :

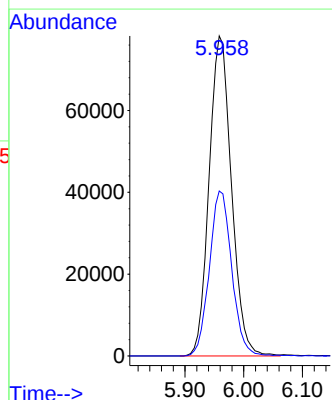
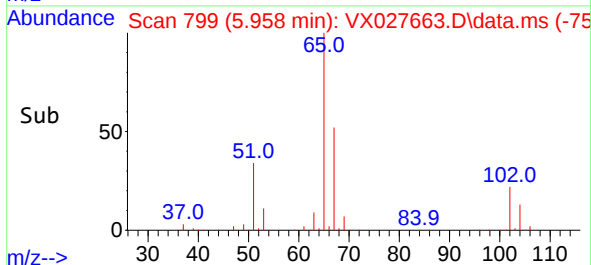
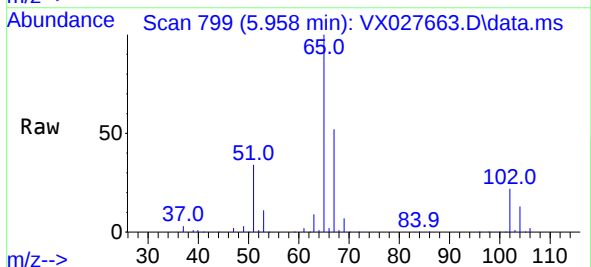


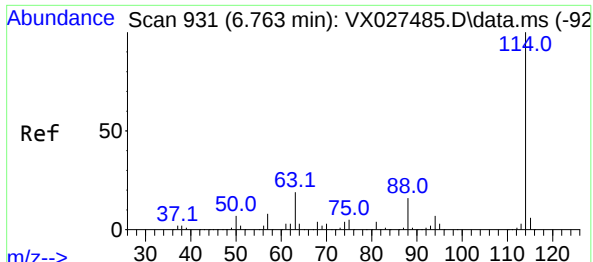
Tgt Ion: 56 Resp: 6069
Ion Ratio Lower Upper
56 100
69 172.7 26.7 40.1#
84 143.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.670 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Tgt Ion: 65 Resp: 206501
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

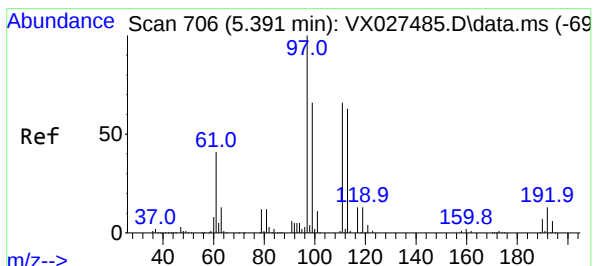
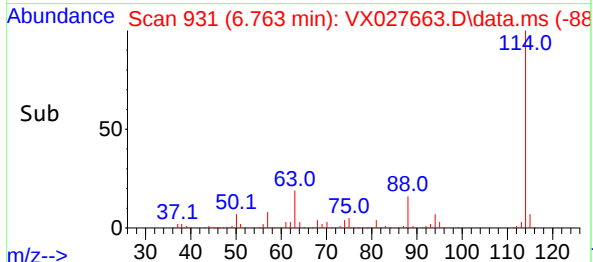
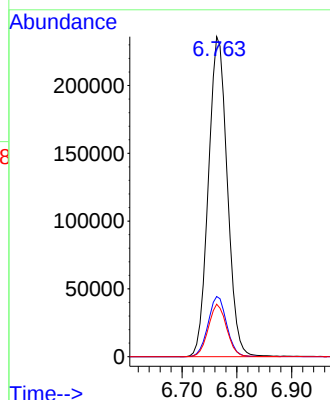
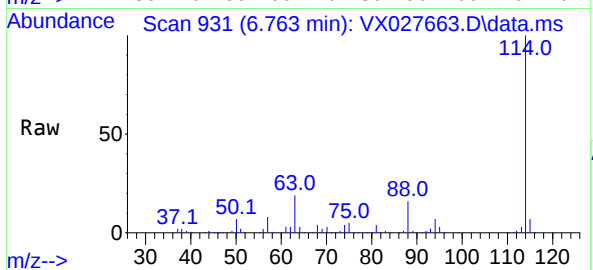




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

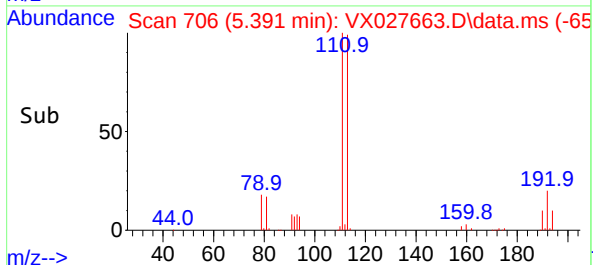
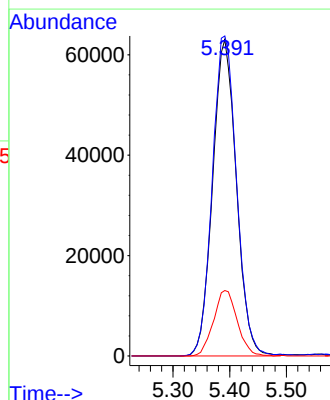
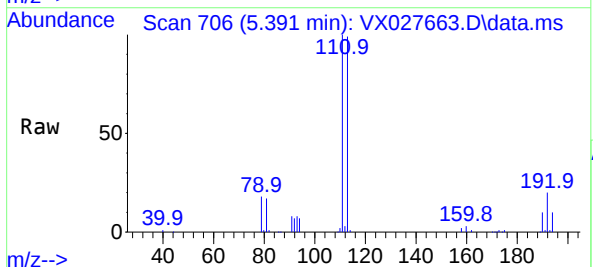
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MSVOA_X
ClientSampleId :

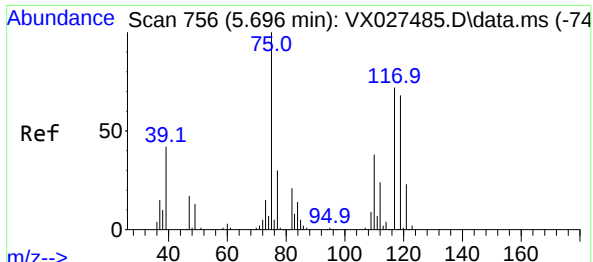
Tgt Ion:114 Resp: 563190
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.537 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

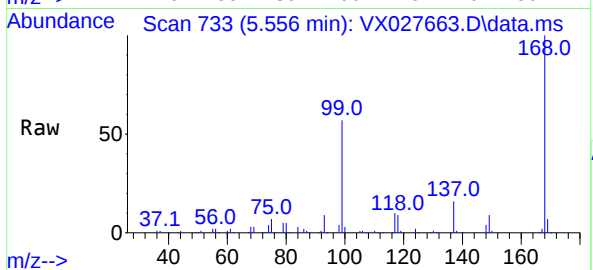
Tgt Ion:113 Resp: 183119
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.7 16.9 25.3



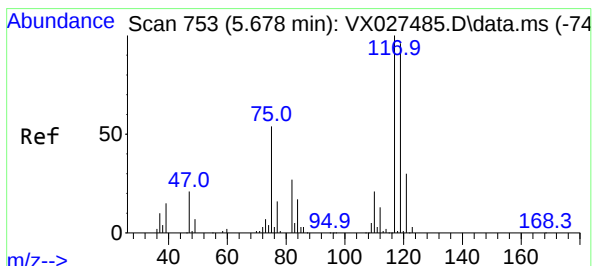
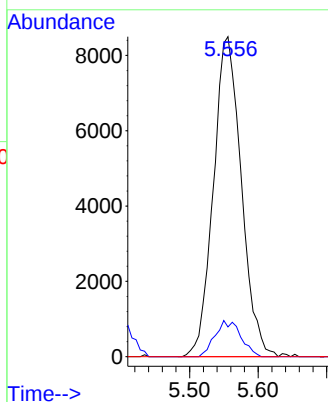
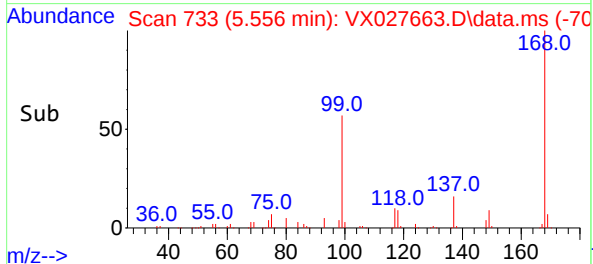


#36
1,1-Dichloropropene
Concen: 4.849 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

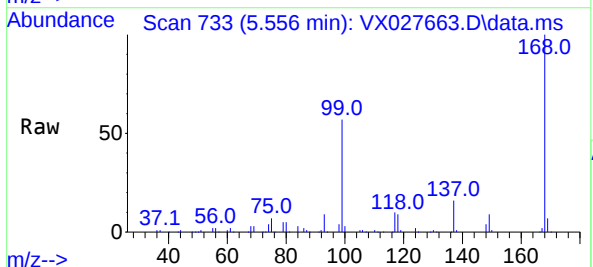
Instrument :
MSVOA_X
ClientSampleId :



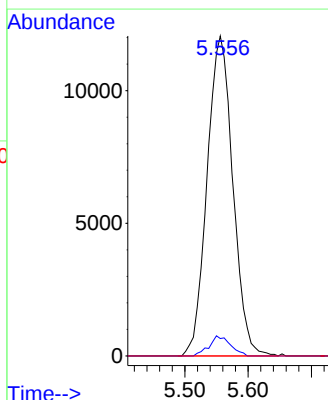
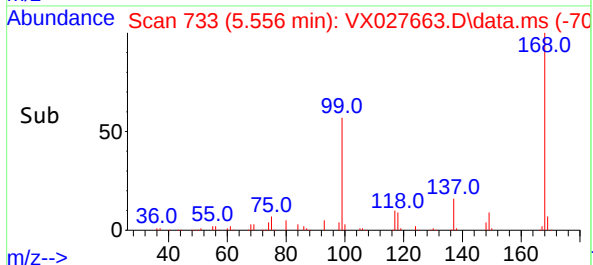
Tgt Ion: 75 Resp: 24012
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#

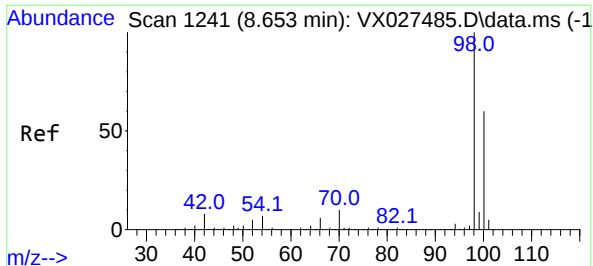


#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29



Tgt Ion: 117 Resp: 34120
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

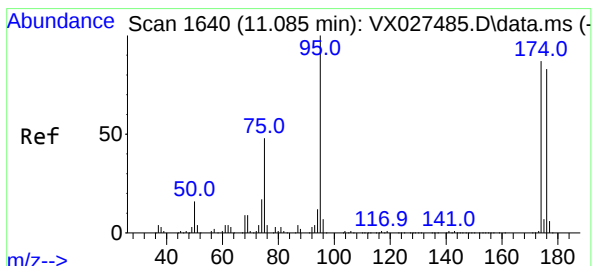
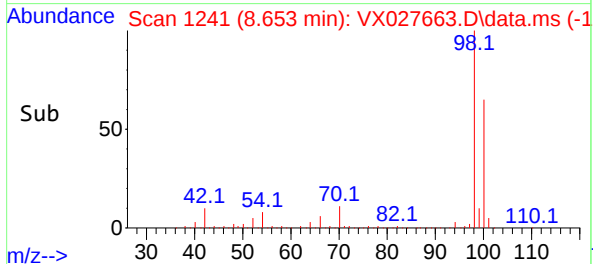
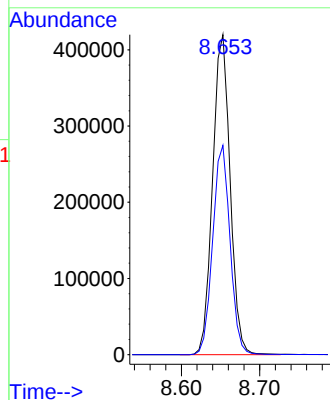
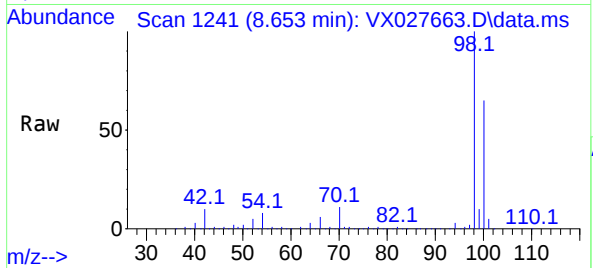




#50
Toluene-d8
Concen: 47.472 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

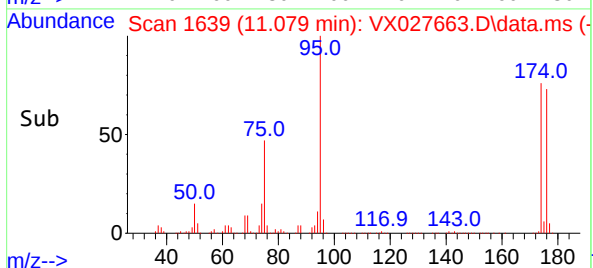
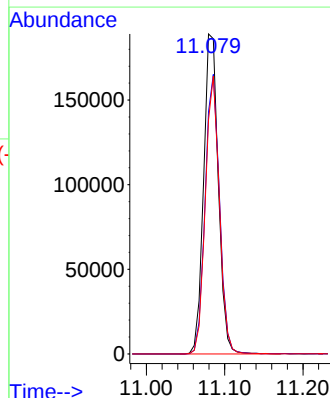
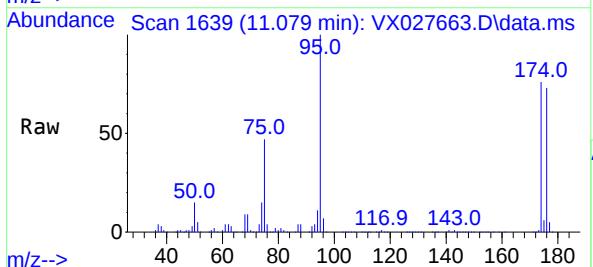
Instrument :
MSVOA_X
ClientSampleId :

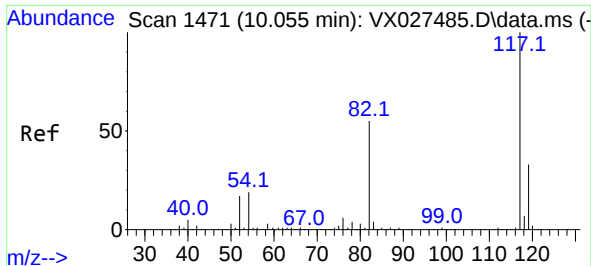
Tgt Ion: 98 Resp: 650920
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

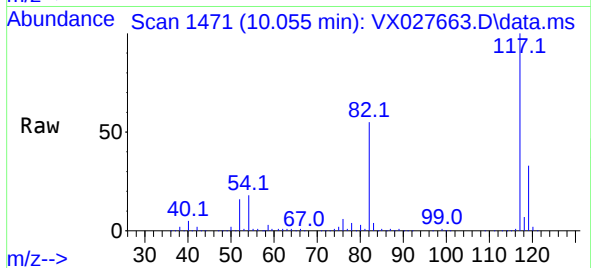
Tgt Ion: 95 Resp: 246502
Ion Ratio Lower Upper
95 100
174 85.3 0.0 163.0
176 83.1 0.0 155.0



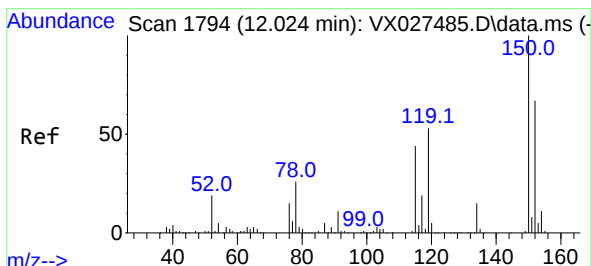
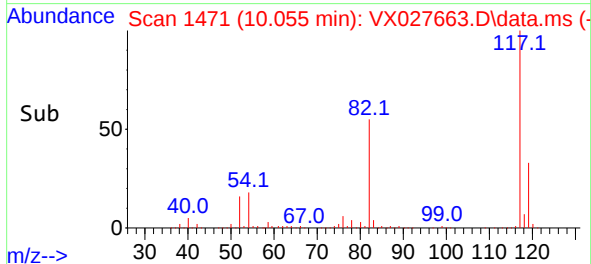
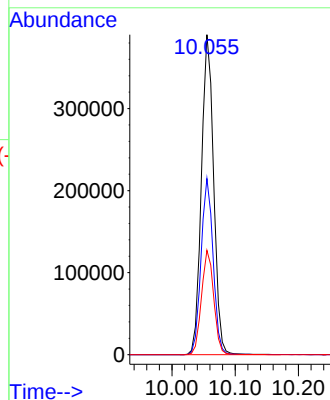


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Instrument :
MSVOA_X
ClientSampleId :

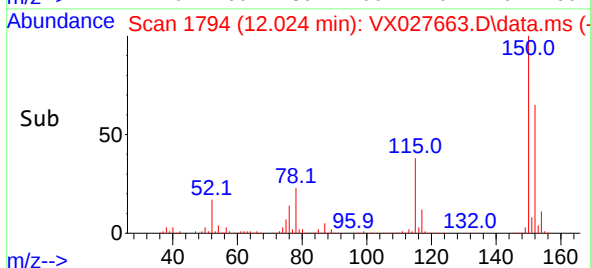
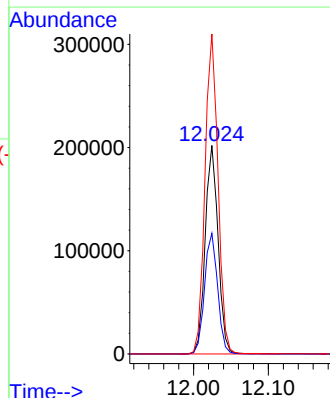
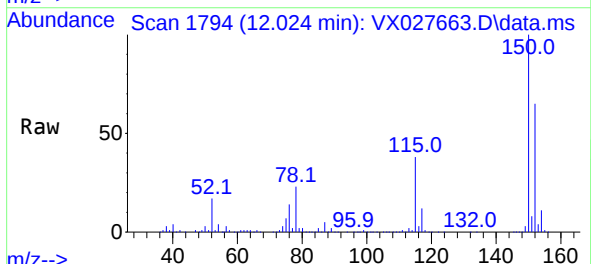


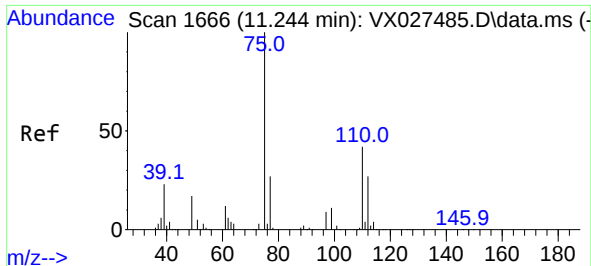
Tgt Ion:117 Resp: 526801
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Tgt Ion:152 Resp: 241448
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 155.3 0.0 338.2

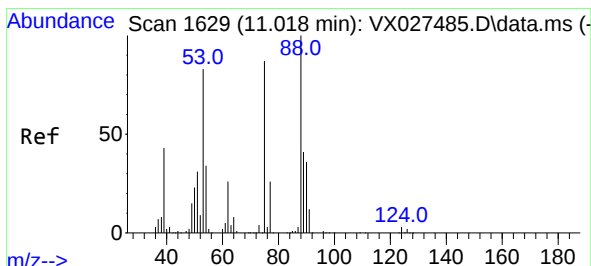
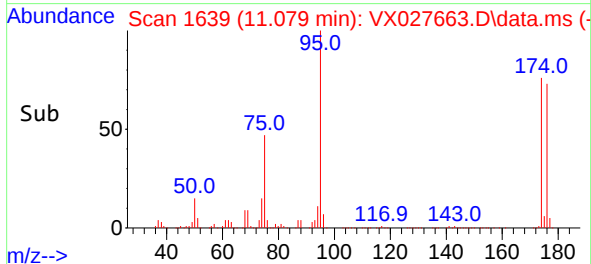
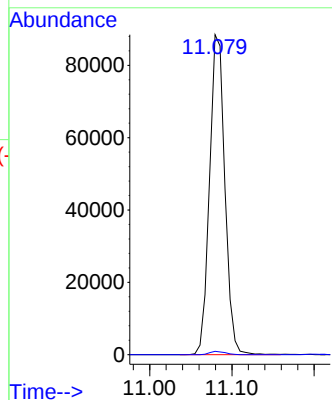
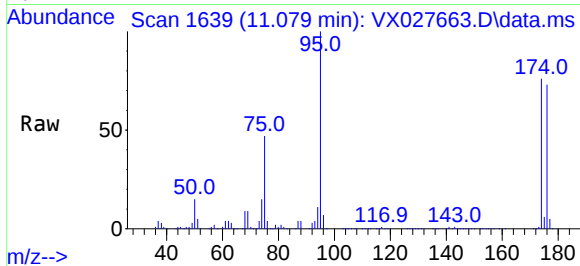




#76
1,2,3-Trichloropropane
Concen: 22.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 114451
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027663.D
Acq: 23 Mar 2022 13:29

Tgt Ion: 75 Resp: 114451
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

