

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027313.D
 Acq On : 04 Mar 2022 19:48
 Operator : JC/MD
 Sample : N1783-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 05 00:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

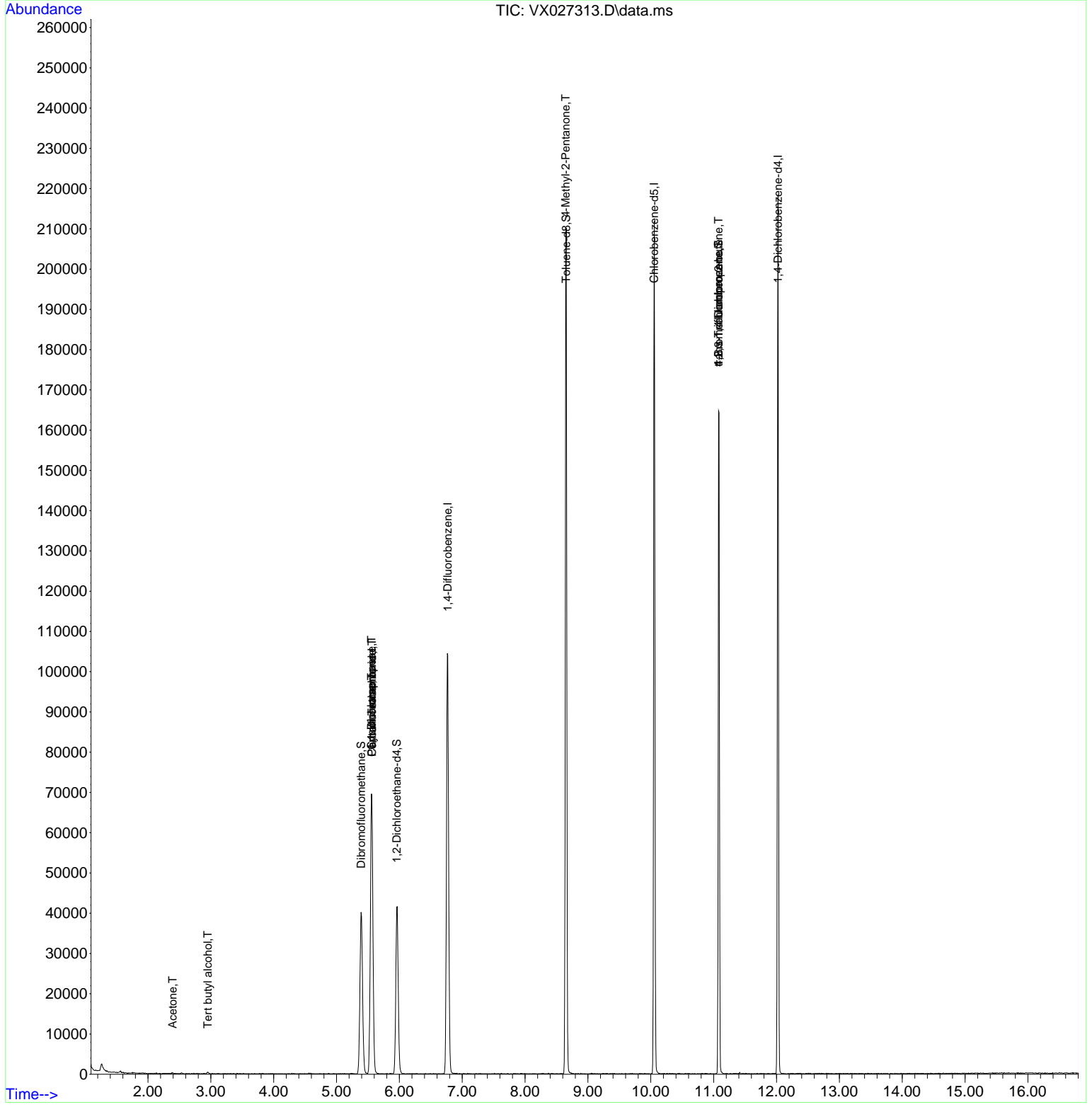
Internal Standards						
1) Pentafluorobenzene	5.562	168	68246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	110625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41470	50.595	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.200%	
35) Dibromofluoromethane	5.391	113	35333	51.456	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.920%	
50) Toluene-d8	8.653	98	127147	49.521	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.040%	
62) 4-Bromofluorobenzene	11.079	95	46182	46.859	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	20	Below Cal	#	2
11) Tert butyl alcohol	2.953	59	183	1.148	ug/l #	75
16) Acetone	2.392	43	226	0.628	ug/l #	89
31) Cyclohexane	5.556	56	1145	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	4816	4.806	ug/l #	50
38) Carbon Tetrachloride	5.562	117	6720	6.429	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	494	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	22699	25.137	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	22699	71.165	ug/l #	3

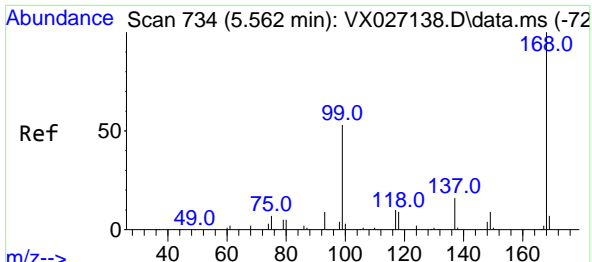
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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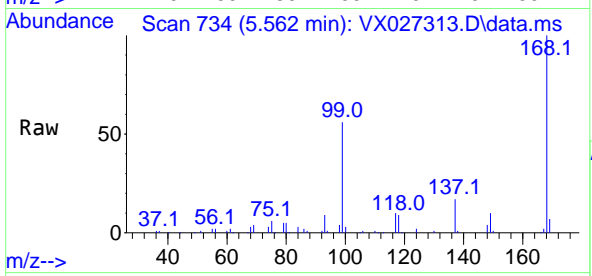
Quant Time: Mar 05 00:46:35 2022
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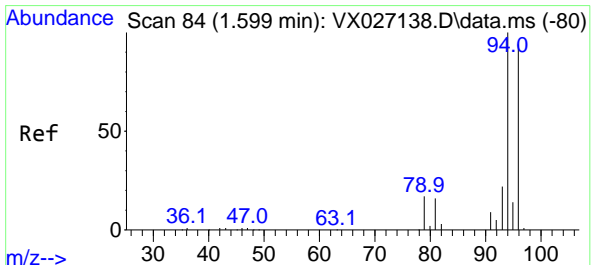
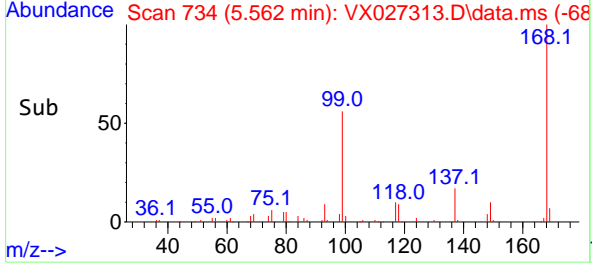
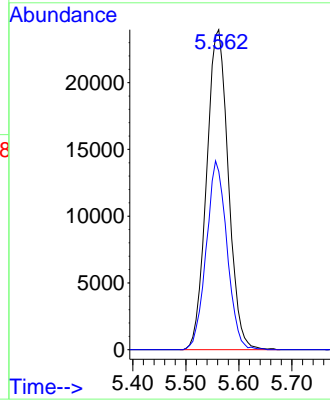


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.562 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument :
 MSVOA_X
 ClientSampleId :

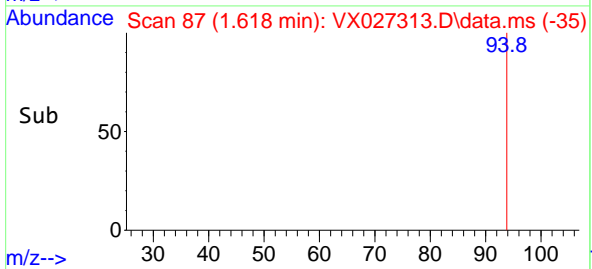
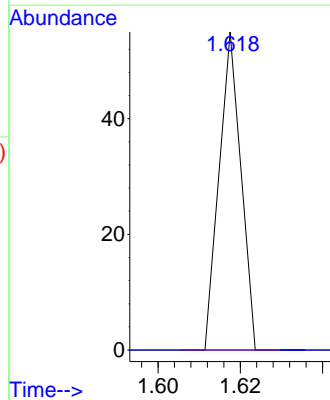
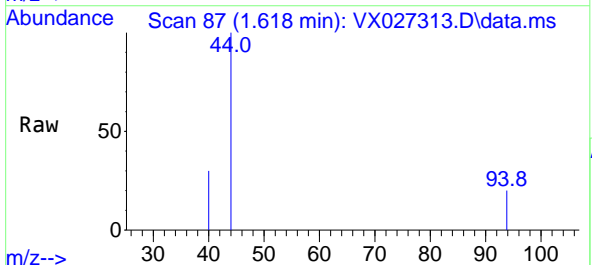


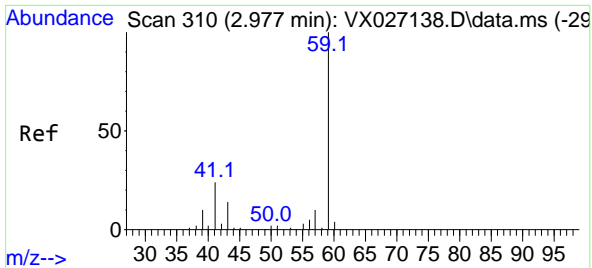
Tgt Ion:168 Resp: 68246
 Ion Ratio Lower Upper
 168 100
 99 55.7 50.3 75.5



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

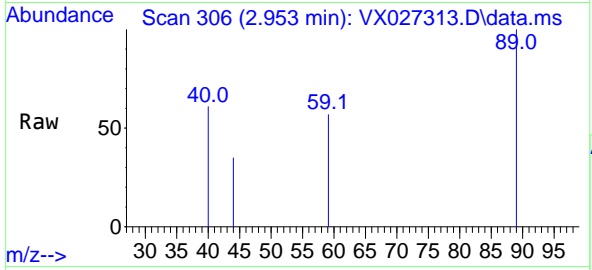
Tgt Ion: 94 Resp: 20
 Ion Ratio Lower Upper
 94 100
 96 0.0 75.9 113.9#



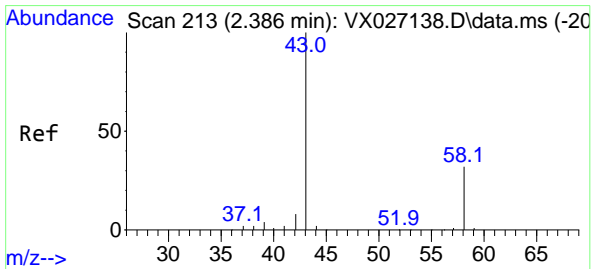
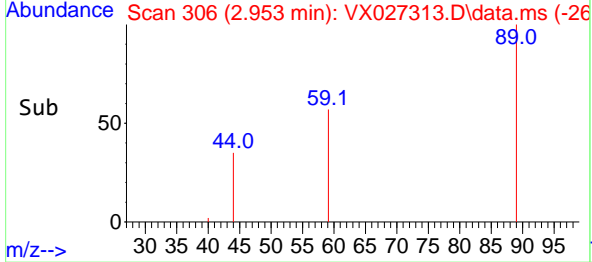
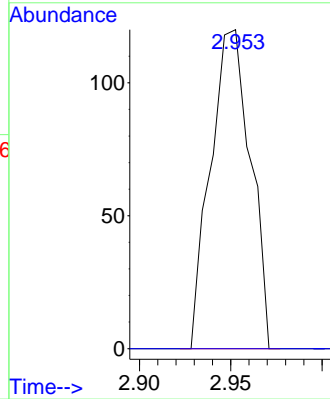


#11
 Tert butyl alcohol
 Concen: 1.148 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.024 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument : MSVOA_X
 ClientSampleId :

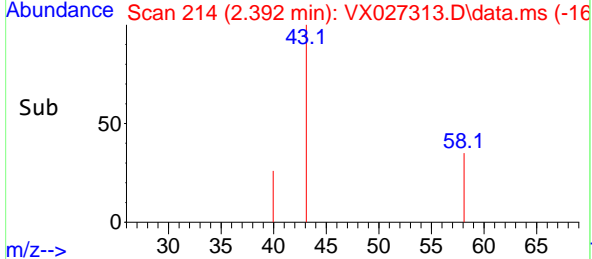
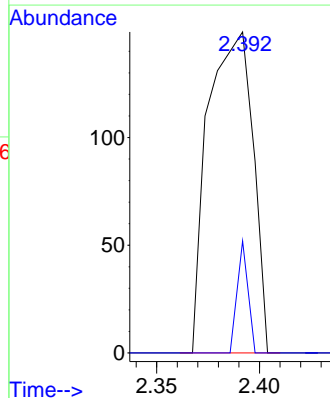
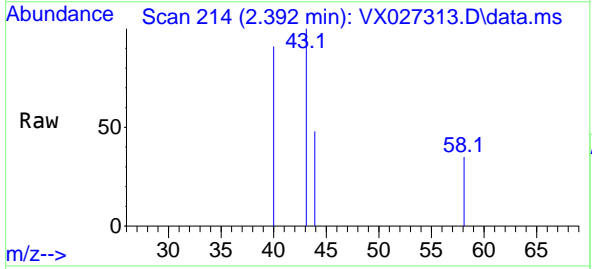


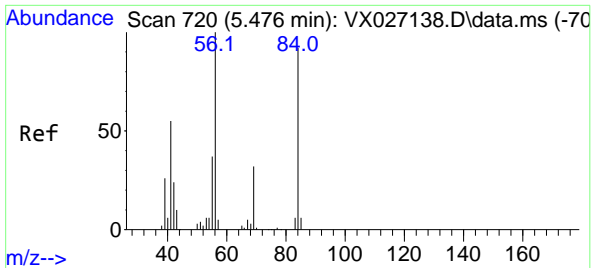
Tgt Ion: 59 Resp: 183
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.2 10.8#



#16
 Acetone
 Concen: 0.628 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

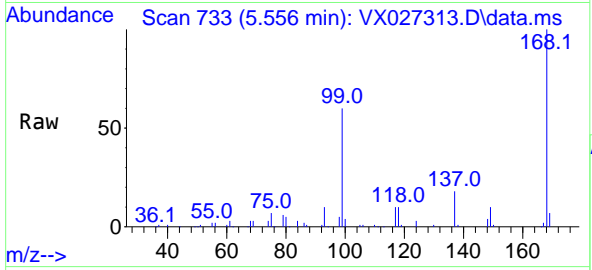
Tgt Ion: 43 Resp: 226
 Ion Ratio Lower Upper
 43 100
 58 34.9 23.0 34.6#



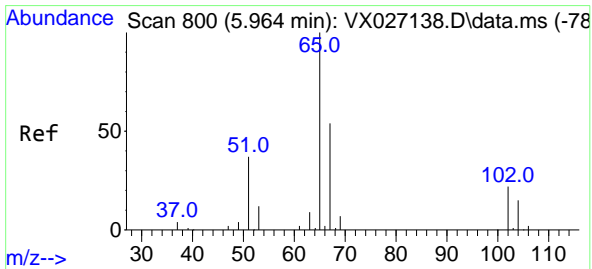
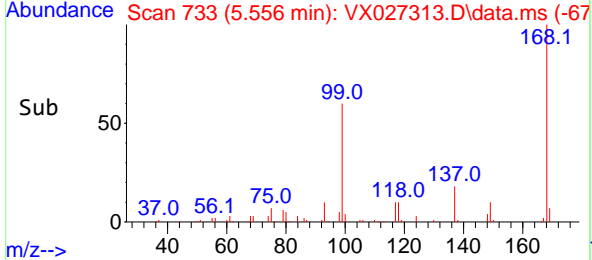
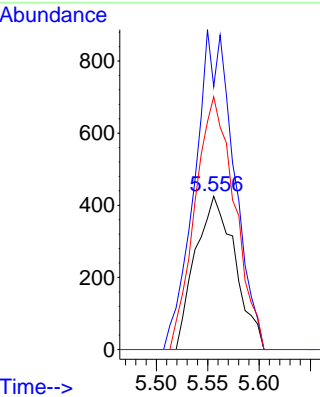


#31
 Cyclohexane
 Concen: 0.933 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. 0.080 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument :
 MSVOA_X
 ClientSampleId :

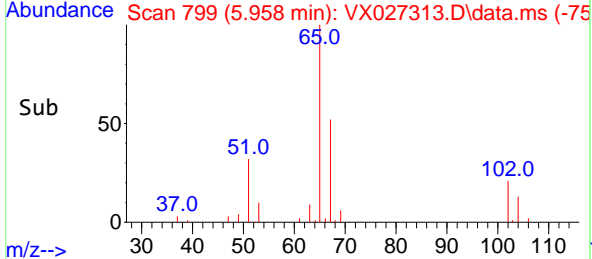
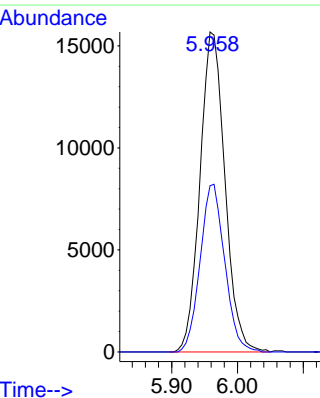
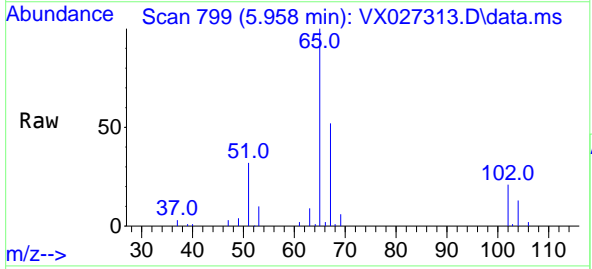


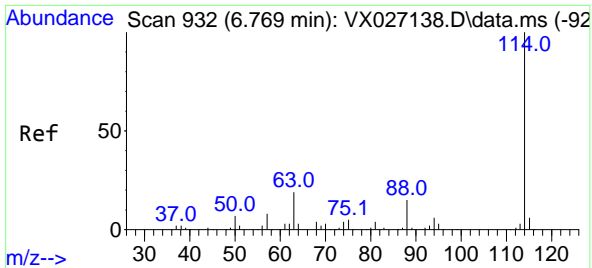
Tgt Ion: 56 Resp: 1145
 Ion Ratio Lower Upper
 56 100
 69 171.5 25.8 38.6#
 84 164.9 68.9 103.3#



#33
 1,2-Dichloroethane-d4
 Concen: 50.595 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

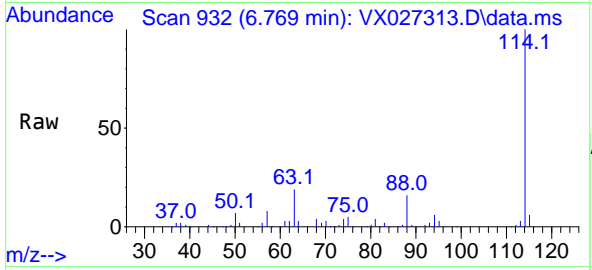
Tgt Ion: 65 Resp: 41470
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.8





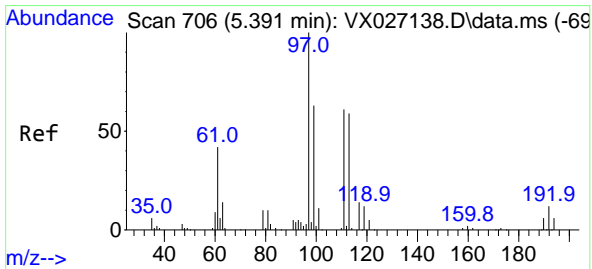
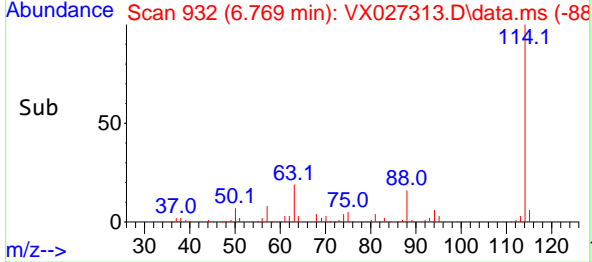
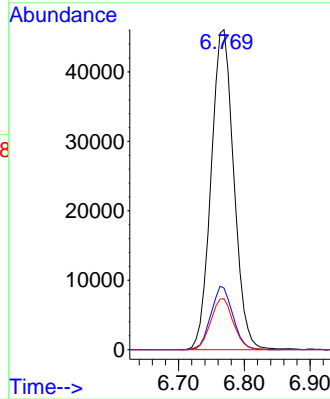
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument : MSVOA_X
 ClientSampleId :

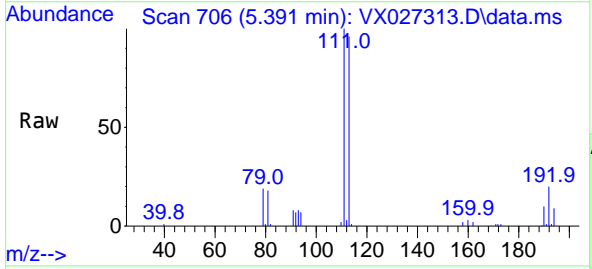


Tgt Ion:114 Resp: 110625

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.8
88	15.9	0.0	33.0

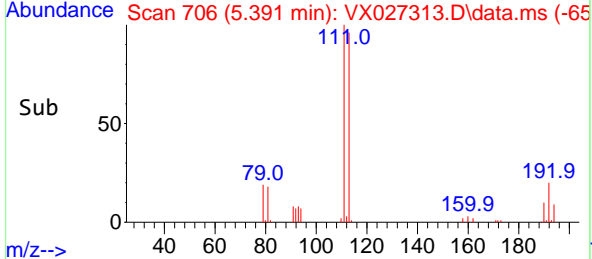
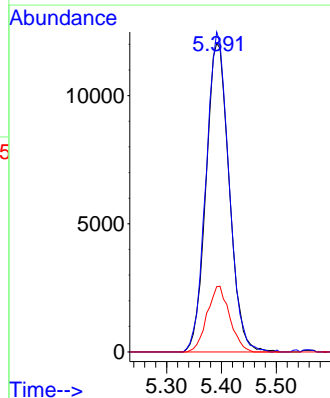


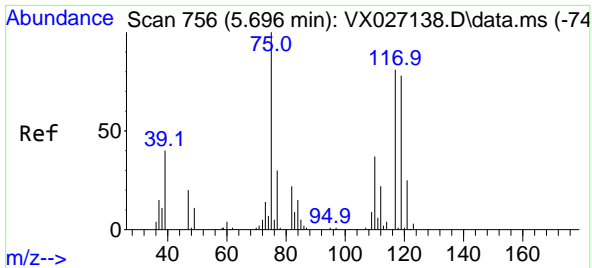
#35
 Dibromofluoromethane
 Concen: 51.456 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48



Tgt Ion:113 Resp: 35333

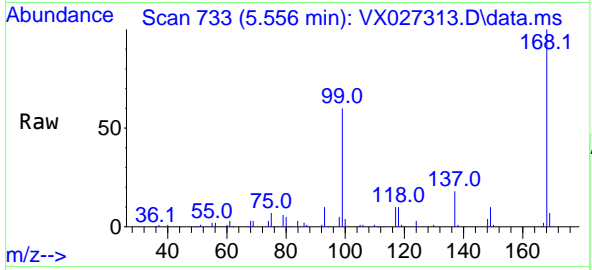
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	20.7	15.0	22.4



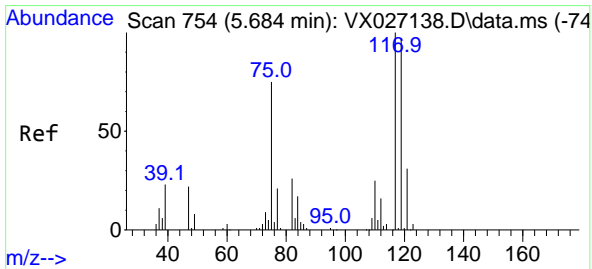
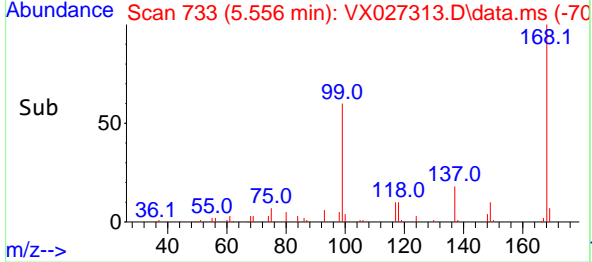
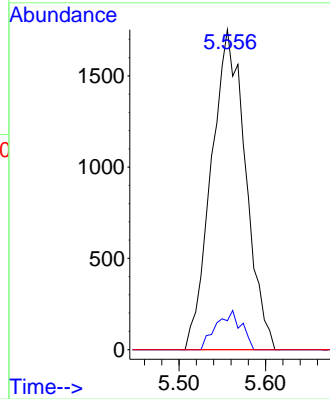


#36
 1,1-Dichloropropene
 Concen: 4.806 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument : MSVOA_X
 ClientSampleId :

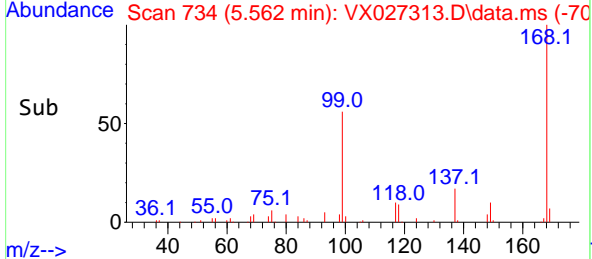
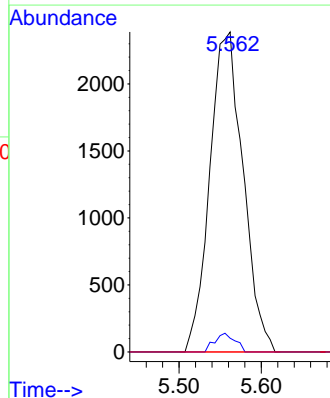
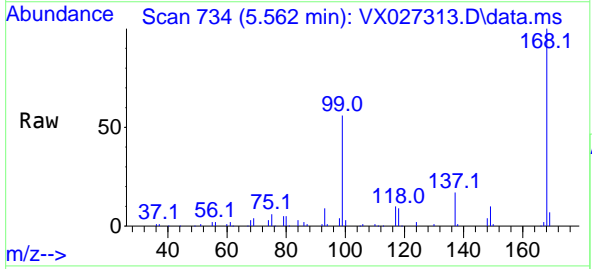


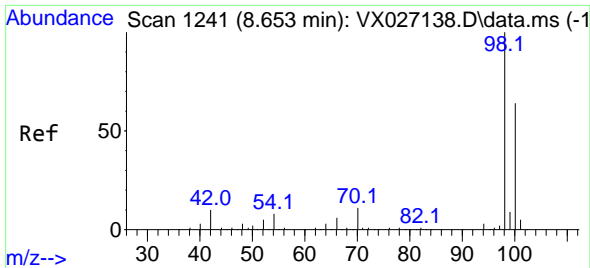
Tgt Ion: 75 Resp: 4816
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.2 51.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.429 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.122 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

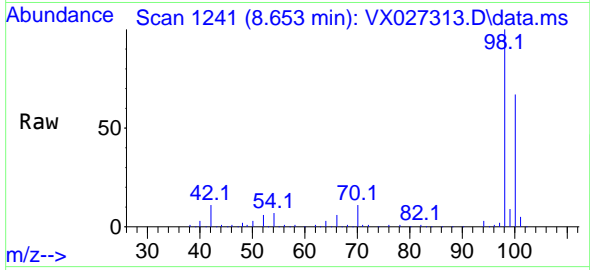
Tgt Ion: 117 Resp: 6720
 Ion Ratio Lower Upper
 117 100
 119 4.3 74.7 112.1#
 121 0.0 25.4 38.0#



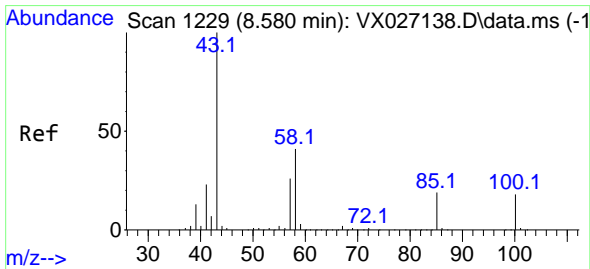
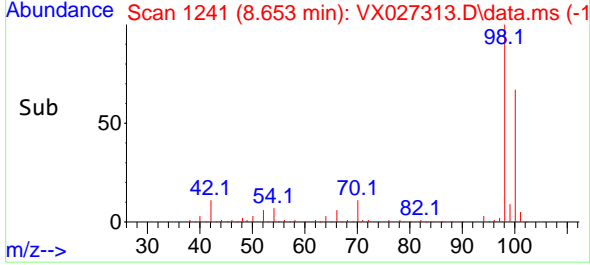
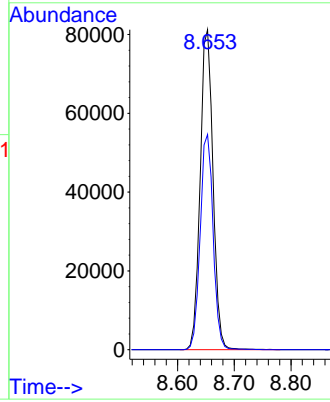


#50
 Toluene-d8
 Concen: 49.521 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument :
 MSVOA_X
 ClientSampleId :

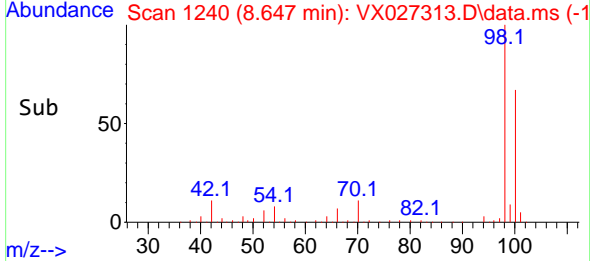
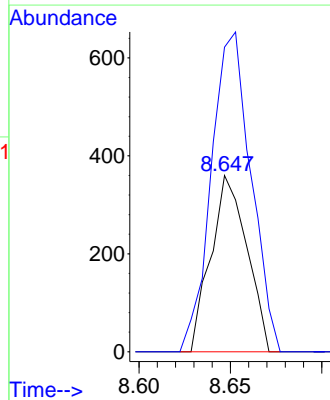
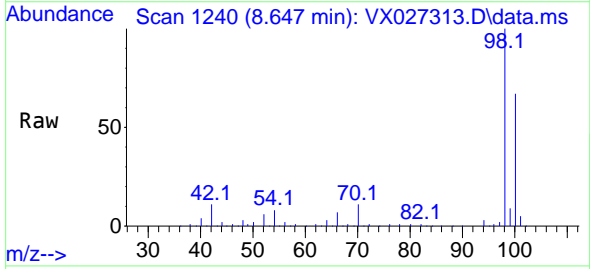


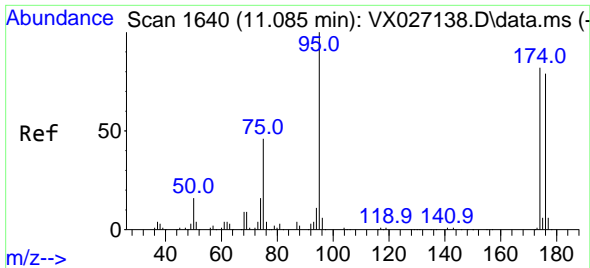
Tgt Ion: 98 Resp: 127147
 Ion Ratio Lower Upper
 98 100
 100 67.8 53.2 79.8



#51
 4-Methyl-2-Pentanone
 Concen: 0.449 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.067 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

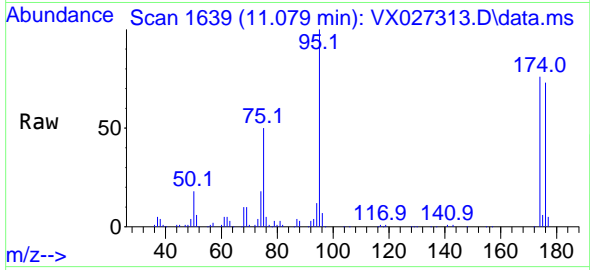
Tgt Ion: 43 Resp: 494
 Ion Ratio Lower Upper
 43 100
 58 199.6 30.5 45.7#



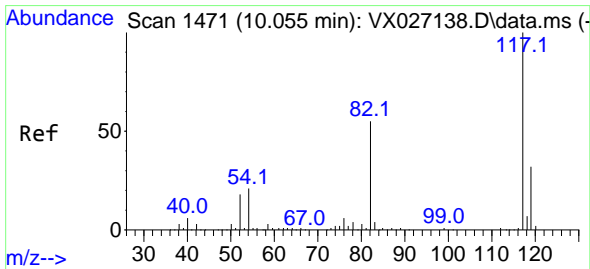
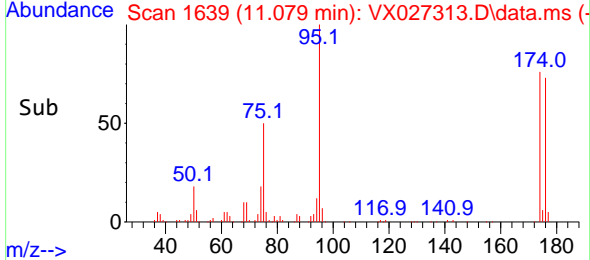
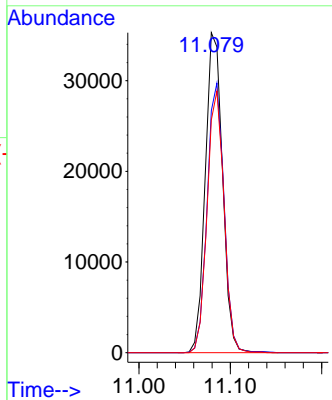


#62
 4-Bromofluorobenzene
 Concen: 46.859 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument : MSVOA_X
 ClientSampleId :

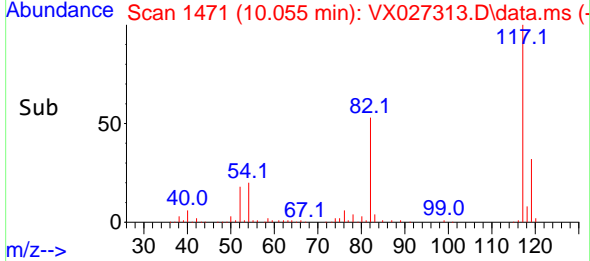
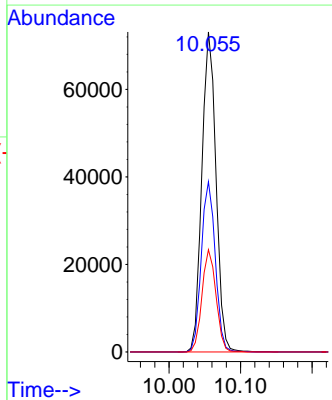
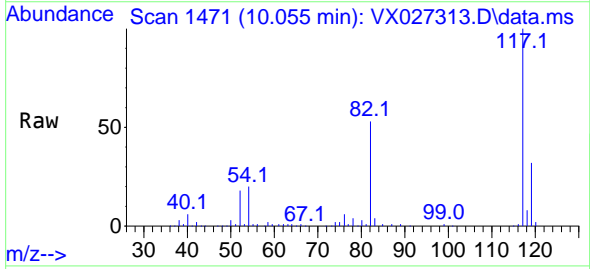


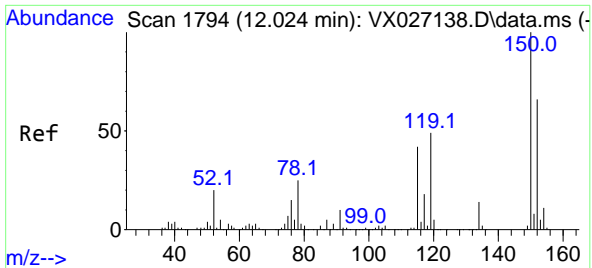
Tgt Ion: 95 Resp: 46182
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 148.6
 176 79.9 0.0 141.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

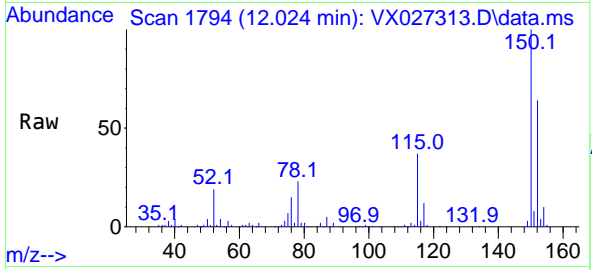
Tgt Ion: 117 Resp: 100475
 Ion Ratio Lower Upper
 117 100
 82 53.2 45.2 67.8
 119 32.0 26.2 39.2



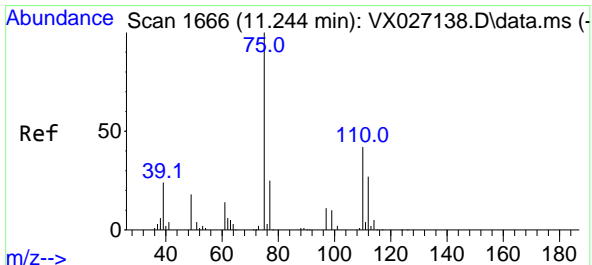
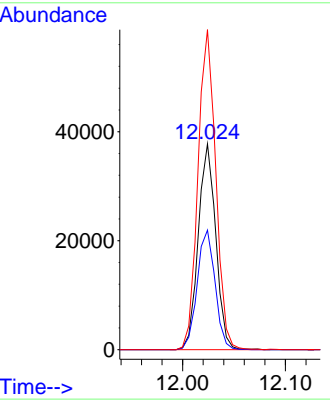
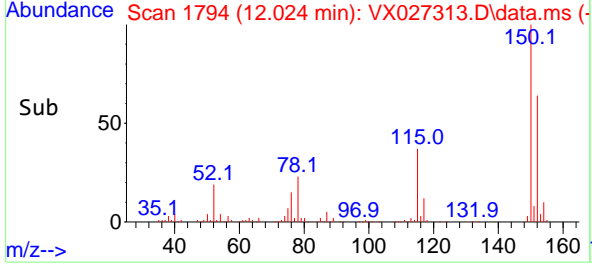


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

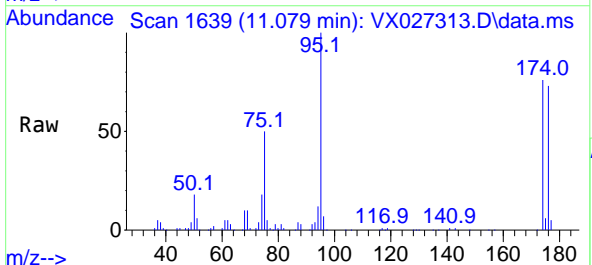
Instrument :
 MSVOA_X
 ClientSampleId :



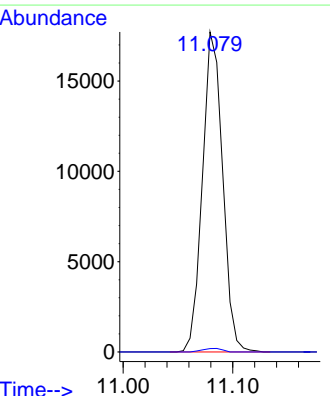
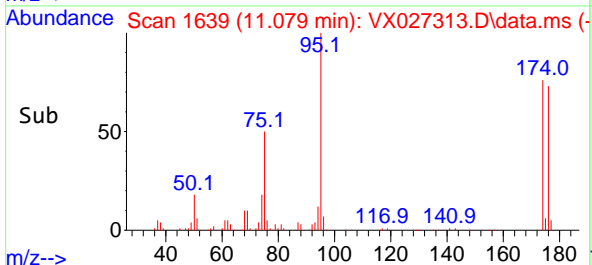
Tgt Ion:152 Resp: 44831
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.2 132.6
 150 158.2 0.0 348.2

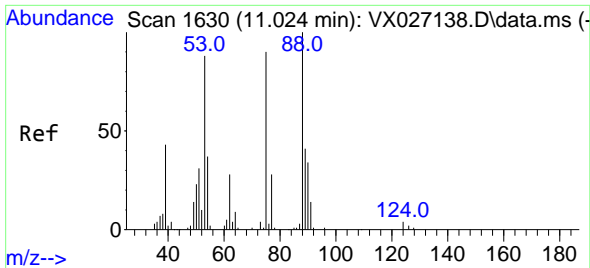


#76
 1,2,3-Trichloropropane
 Concen: 25.137 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48



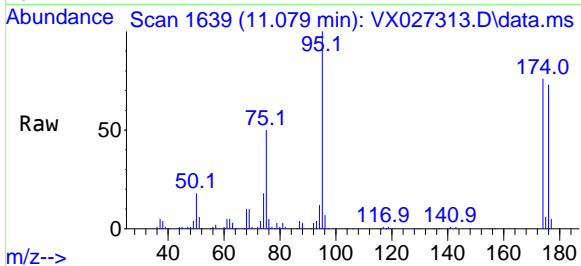
Tgt Ion: 75 Resp: 22699
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.165 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX027313.D
 Acq: 04 Mar 2022 19:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 22699

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.0	141.0#
89	0.0	37.0	55.4#

