

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026859.D
 Acq On : 09 Feb 2022 06:15
 Operator : JC/MD
 Sample : N1432-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-5

Quant Time: Feb 09 06:44:15 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

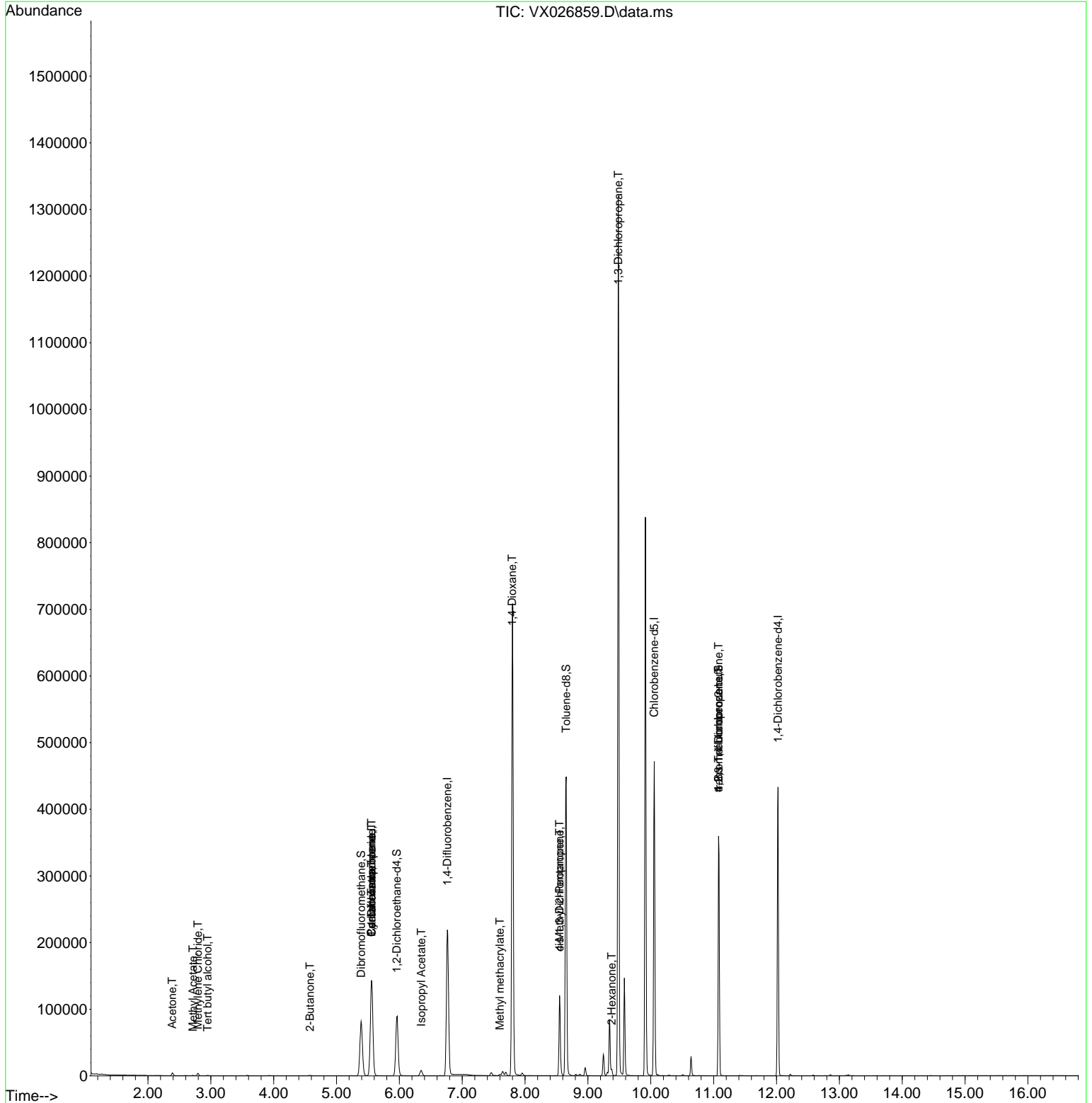
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	136342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86976	53.143	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	106.280%	
35) Dibromofluoromethane	5.391	113	70908	52.297	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.600%	
50) Toluene-d8	8.653	98	269828	54.214	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	108.420%	
62) 4-Bromofluorobenzene	11.079	95	99278	56.657	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	113.320%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	413	1.397	ug/l #	75
16) Acetone	2.386	43	5144	7.156	ug/l	96
18) Methyl Acetate	2.715	43	930	0.450	ug/l #	77
20) Methylene Chloride	2.794	84	1682	1.080	ug/l	94
25) 2-Butanone	4.574	43	1006	0.869	ug/l #	50
31) Cyclohexane	5.556	56	2663	1.024	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10416	4.870	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13906	6.200	ug/l #	17
43) Isopropyl Acetate	6.348	43	11340	3.032	ug/l	98
48) Methyl methacrylate	7.598	41	3329	1.796	ug/l #	16
49) 1,4-Dioxane	7.793	88	20	0.626	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	40707	17.960	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18827	8.158	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	10966	4.274	ug/l #	43
59) 2-Hexanone	9.378	43	5319	3.208	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	49488	25.147	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	49488	76.685	ug/l #	3

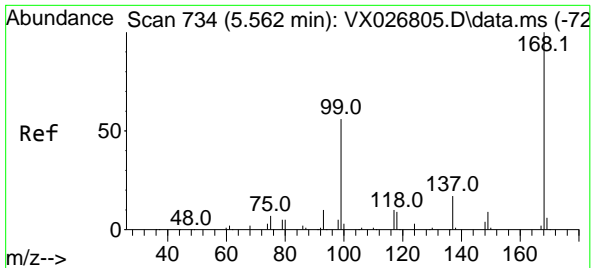
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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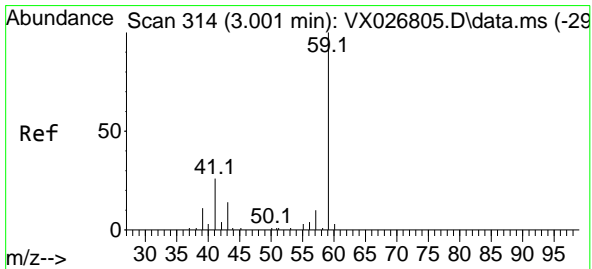
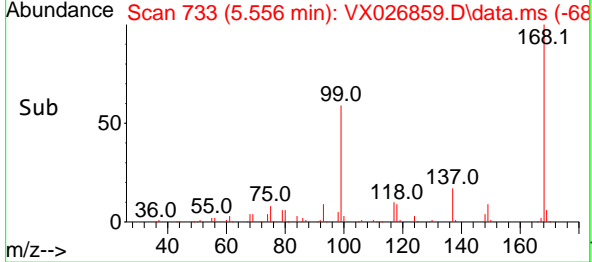
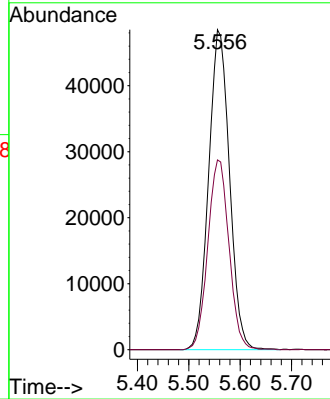
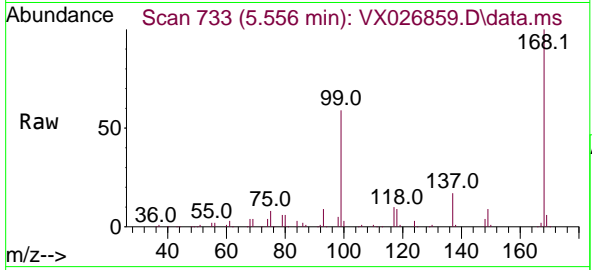




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

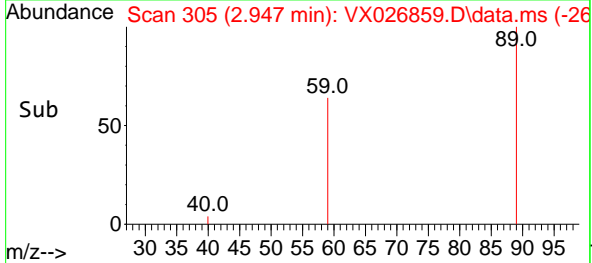
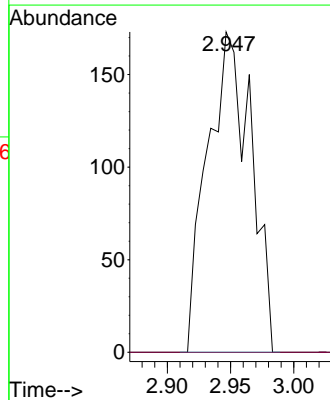
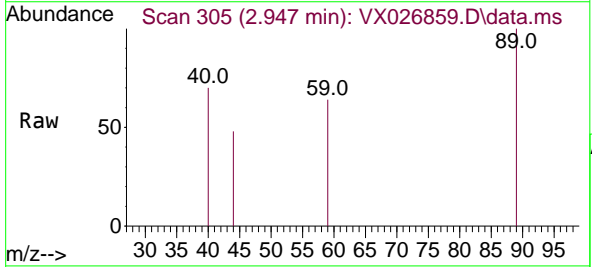
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-5

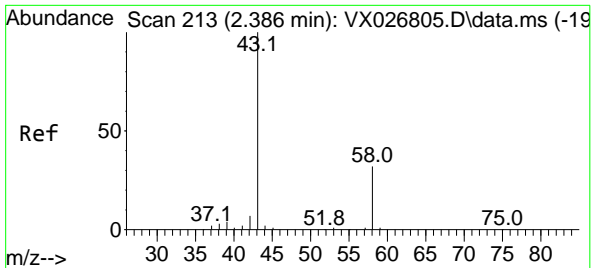
Tgt Ion:168 Resp: 136342
 Ion Ratio Lower Upper
 168 100
 99 59.3 50.3 75.5



#11
 Tert butyl alcohol
 Concen: 1.397 ug/l
 RT: 2.947 min Scan# 305
 Delta R.T. -0.054 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

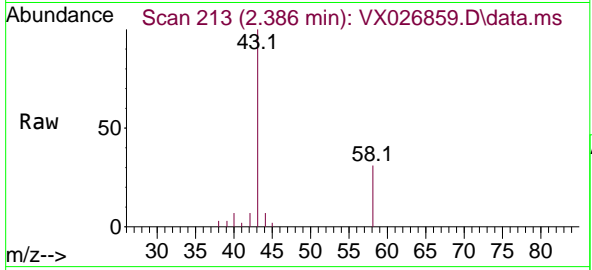
Tgt Ion: 59 Resp: 413
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.2 10.8#



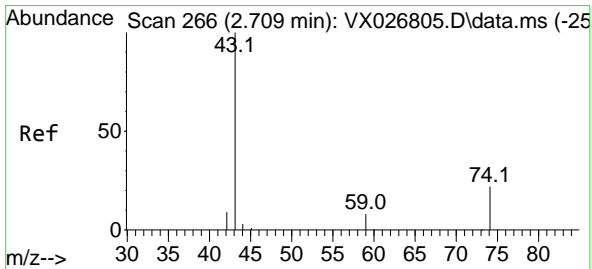
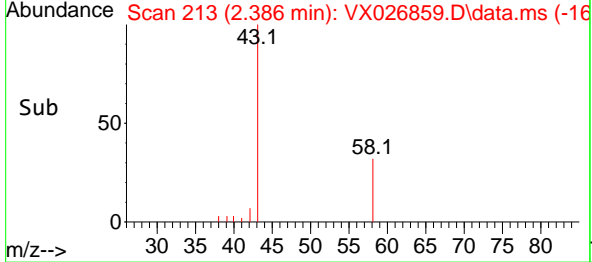
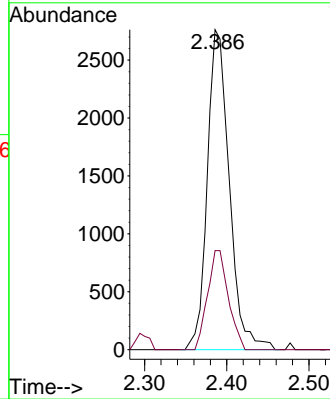


#16
 Acetone
 Concen: 7.156 ug/l
 RT: 2.386 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Instrument : MSVOA_X
 ClientSampleId : SP-5

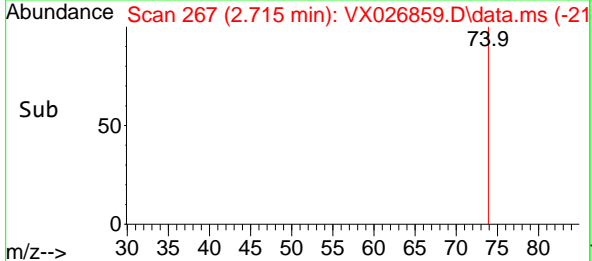
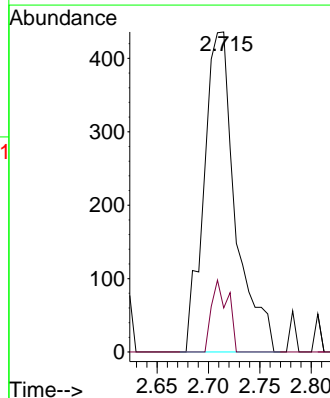
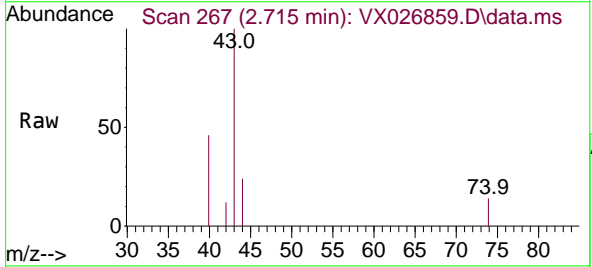


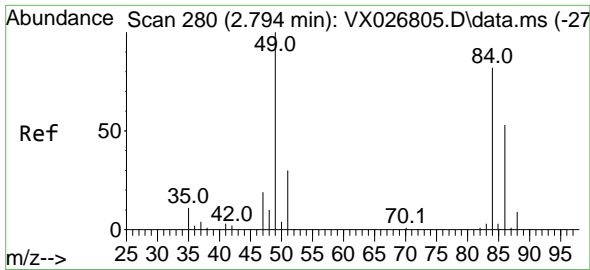
Tgt Ion: 43 Resp: 5144
 Ion Ratio Lower Upper
 43 100
 58 30.9 23.0 34.6



#18
 Methyl Acetate
 Concen: 0.450 ug/l
 RT: 2.715 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

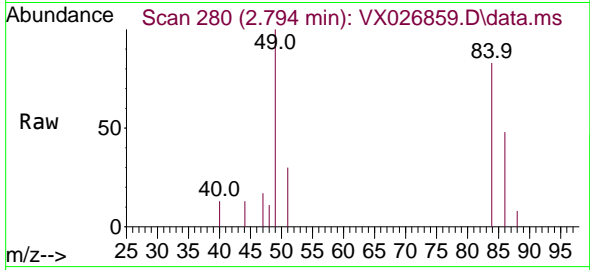
Tgt Ion: 43 Resp: 930
 Ion Ratio Lower Upper
 43 100
 74 11.8 18.3 27.5#





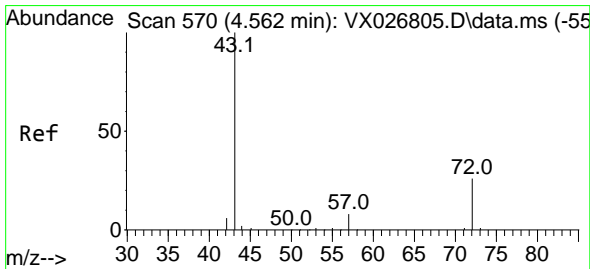
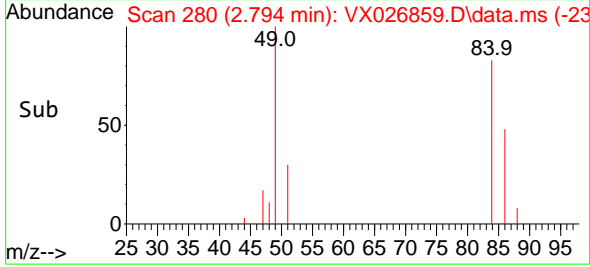
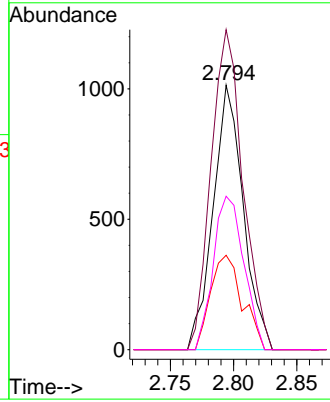
#20
 Methylene Chloride
 Concen: 1.080 ug/l
 RT: 2.794 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-5



Tgt Ion: 84 Resp: 1682

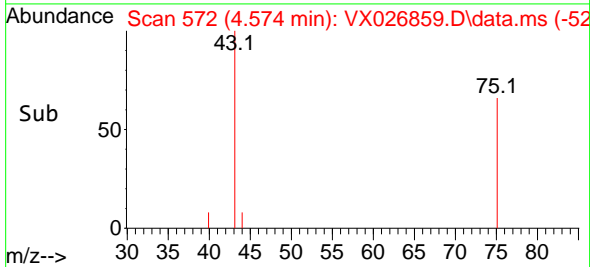
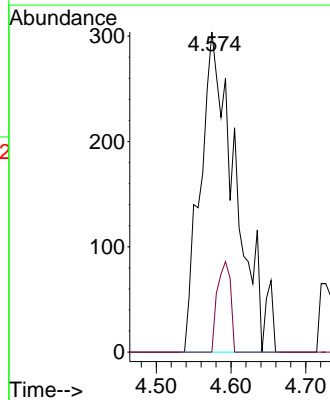
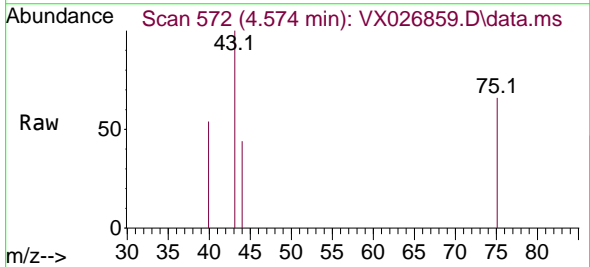
Ion	Ratio	Lower	Upper
84	100		
49	121.0	101.5	152.3
51	35.7	31.2	46.8
86	58.0	51.3	76.9

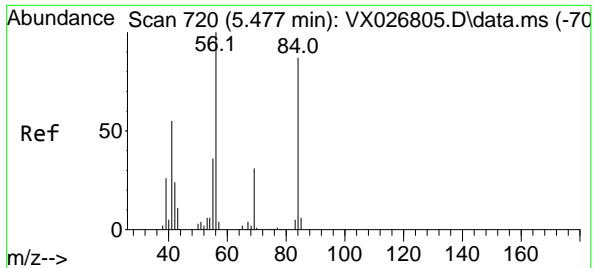


#25
 2-Butanone
 Concen: 0.869 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion: 43 Resp: 1006

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.4	30.6#

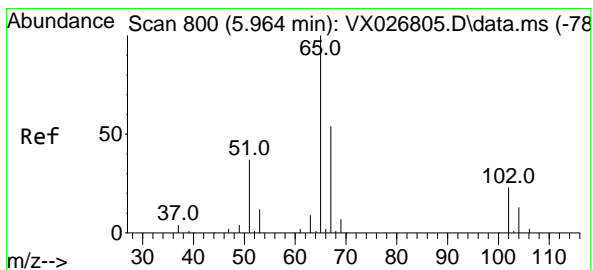
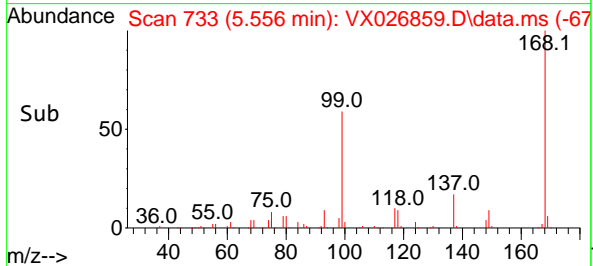
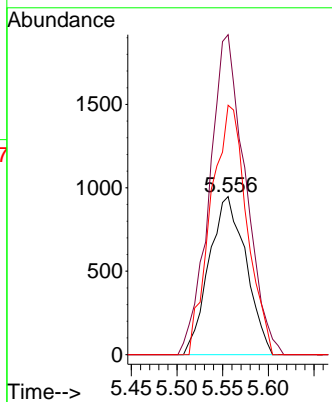
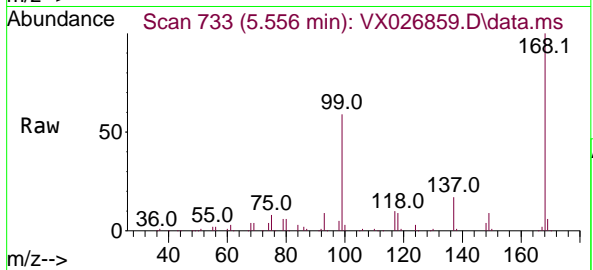




#31
 Cyclohexane
 Concen: 1.024 ug/l
 RT: 5.556 min Scan# 719
 Delta R.T. 0.079 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

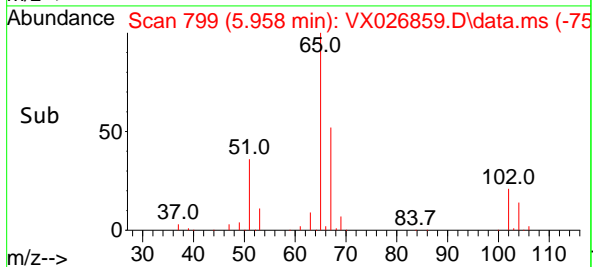
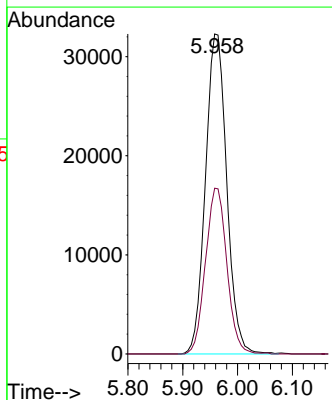
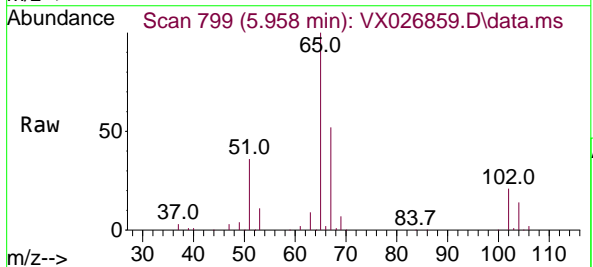
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-5

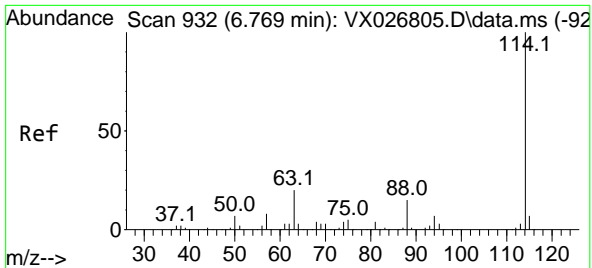
Tgt Ion	Resp	Ion Ratio	Lower	Upper
56	2663	100		
69		202.5	25.8	38.6#
84		157.9	68.9	103.3#



#33
 1,2-Dichloroethane-d4
 Concen: 53.143 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion	Resp	Ion Ratio	Lower	Upper
65	86976	100		
67		52.0	0.0	100.8



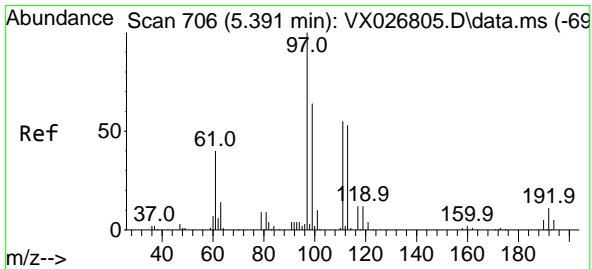
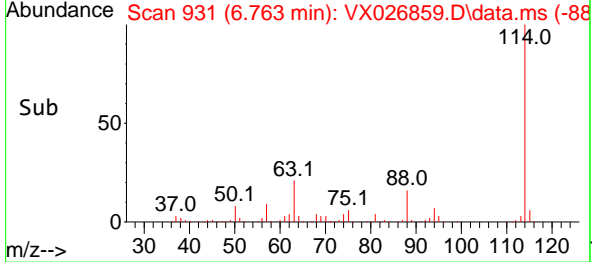
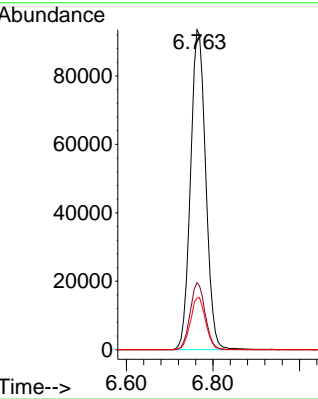
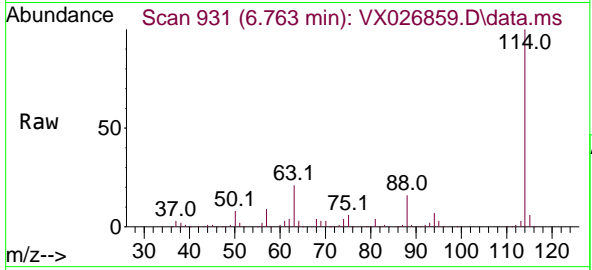


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Instrument : MSVOA_X
 ClientSampleId : SP-5

Tgt Ion:114 Resp: 227581

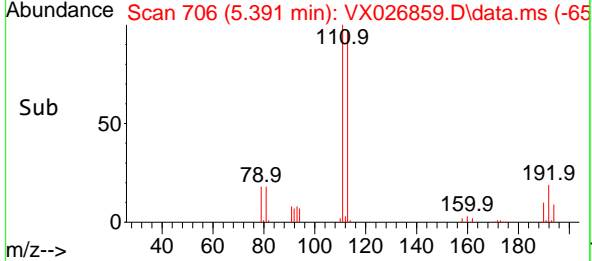
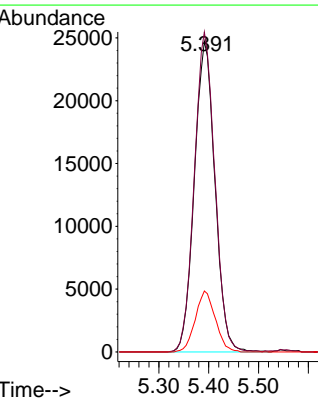
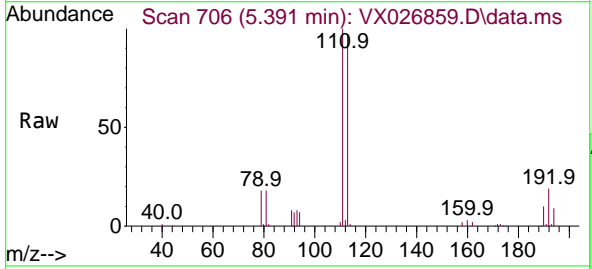
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.8
88	16.1	0.0	33.0

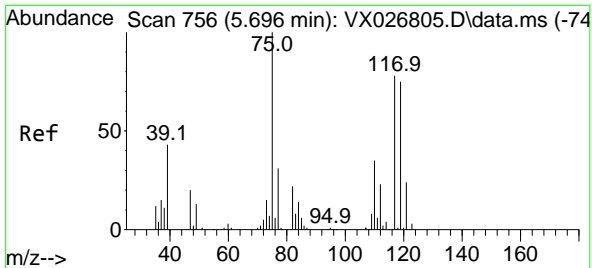


#35
 Dibromofluoromethane
 Concen: 52.297 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion:113 Resp: 70908

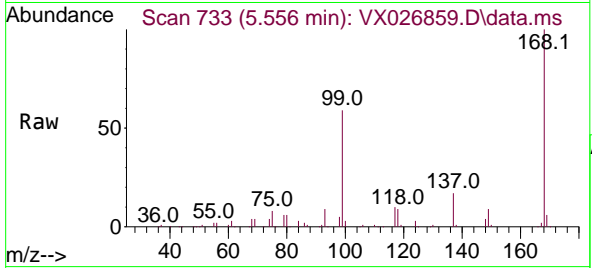
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.2	121.8
192	19.1	15.0	22.4



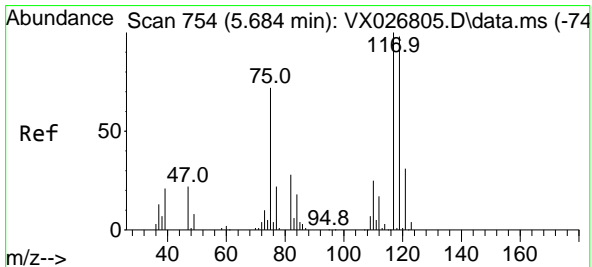
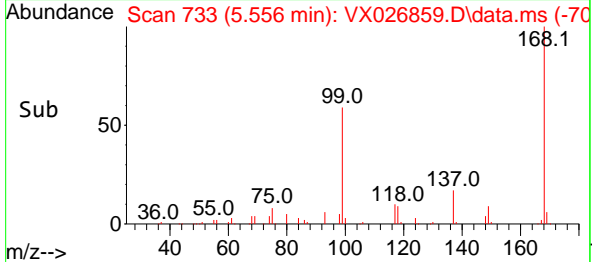
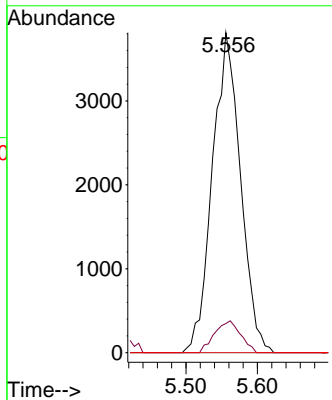


#36
 1,1-Dichloropropene
 Concen: 4.870 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Instrument : MSVOA_X
 ClientSampleId : SP-5

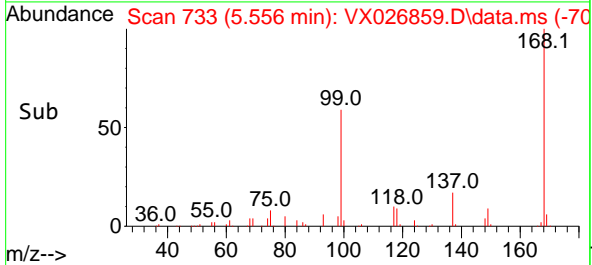
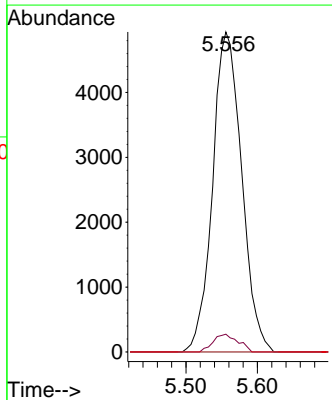
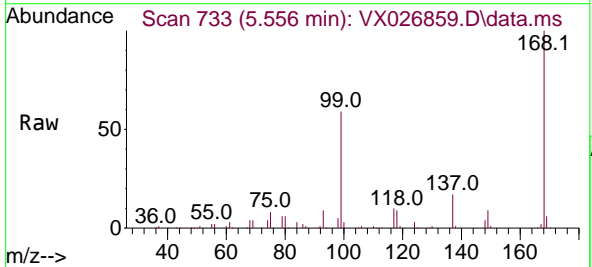


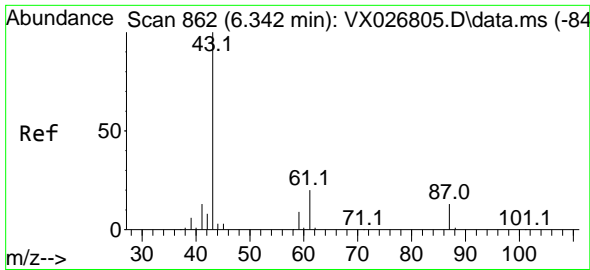
Tgt Ion: 75 Resp: 10416
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.2 51.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.200 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion: 117 Resp: 13906
 Ion Ratio Lower Upper
 117 100
 119 5.6 74.7 112.1#
 121 0.0 25.4 38.0#



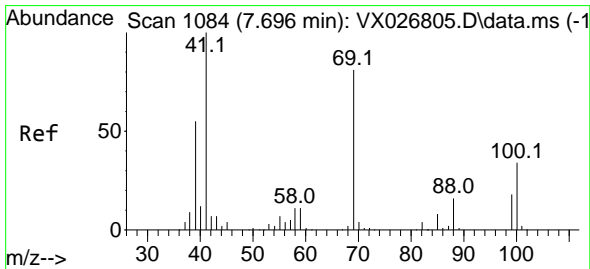
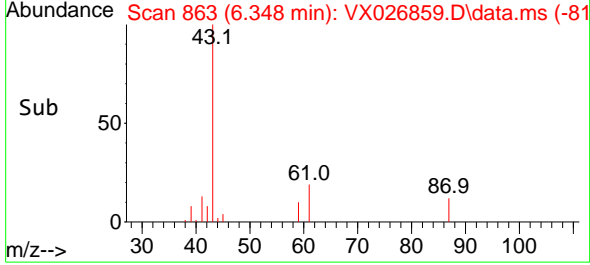
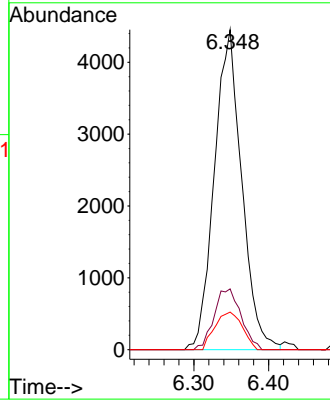
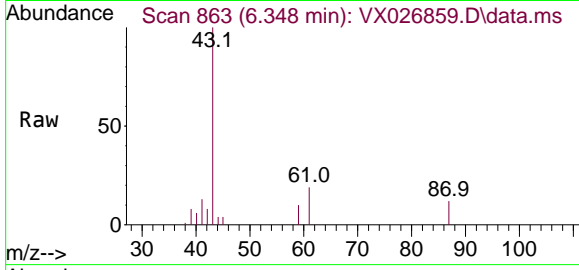


#43
 Isopropyl Acetate
 Concen: 3.032 ug/l
 RT: 6.348 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-5

Tgt Ion: 43 Resp: 11340

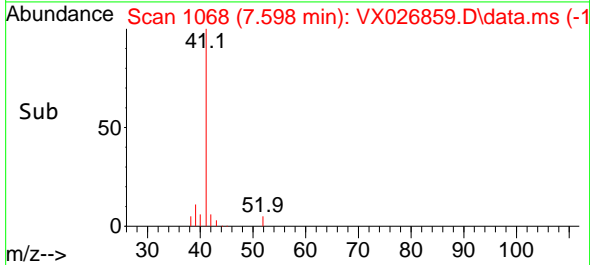
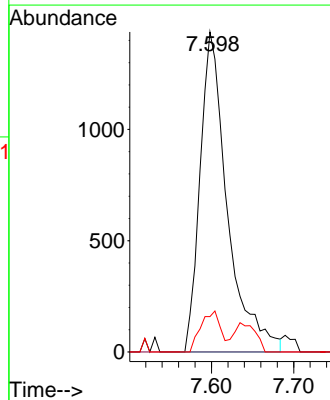
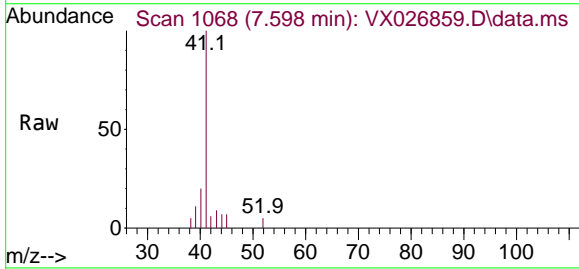
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.4	23.0
87	11.8	10.2	15.2

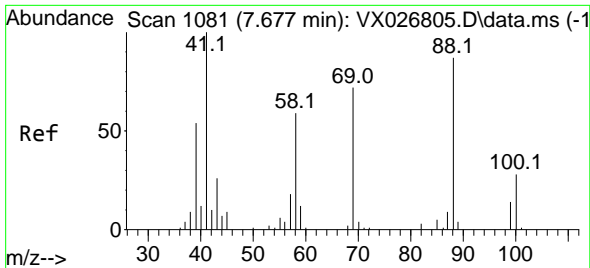


#48
 Methyl methacrylate
 Concen: 1.796 ug/l
 RT: 7.598 min Scan# 1068
 Delta R.T. -0.098 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion: 41 Resp: 3329

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.2	93.4#
39	0.0	45.4	68.0#

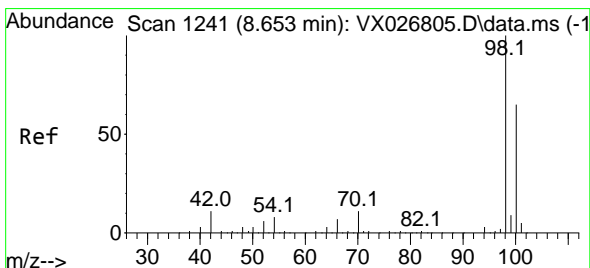
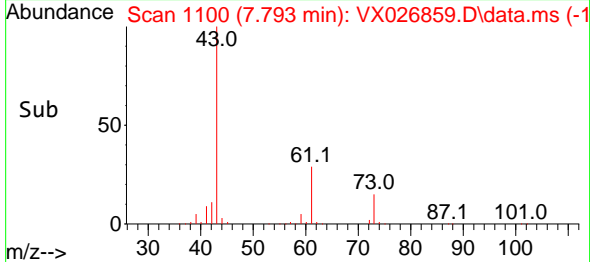
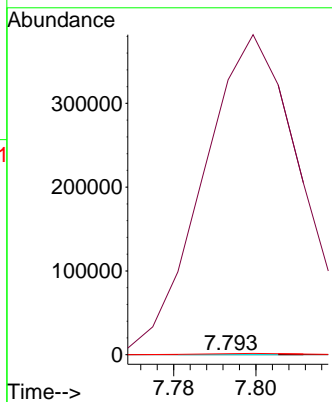
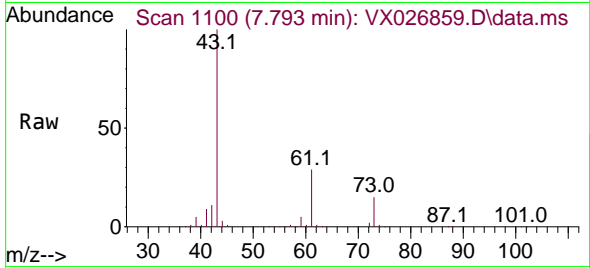




#49
 1,4-Dioxane
 Concen: 0.626 ug/l
 RT: 7.793 min Scan# 1100
 Delta R.T. 0.116 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

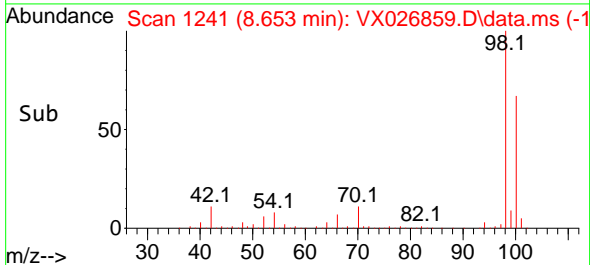
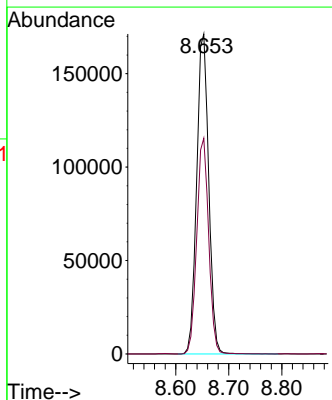
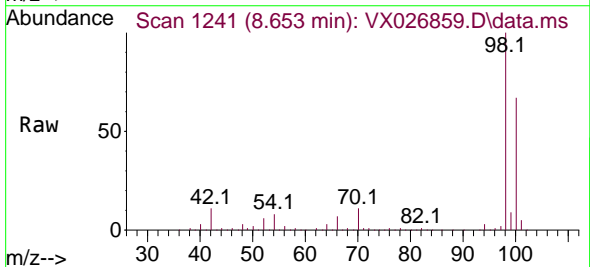
Instrument : MSVOA_X
 ClientSampleId : SP-5

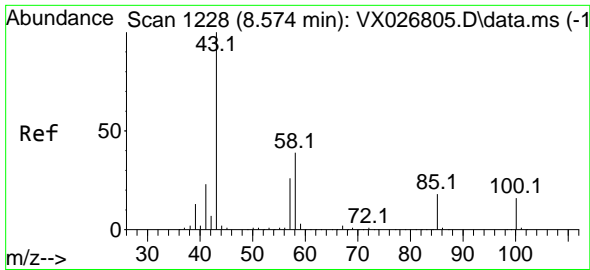
Tgt Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 3218410.0 29.9 44.9#
 58 12220.0 57.8 86.6#



#50
 Toluene-d8
 Concen: 54.214 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion: 98 Resp: 269828
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.2 79.8

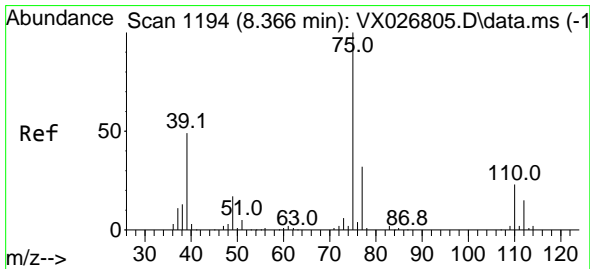
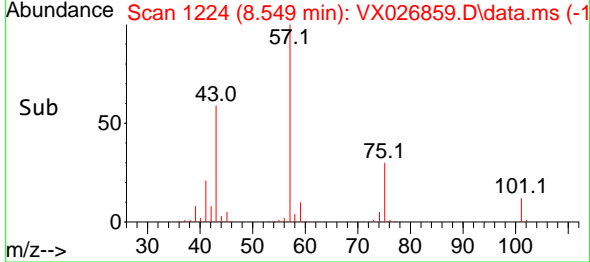
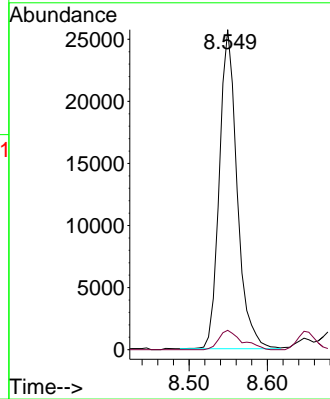
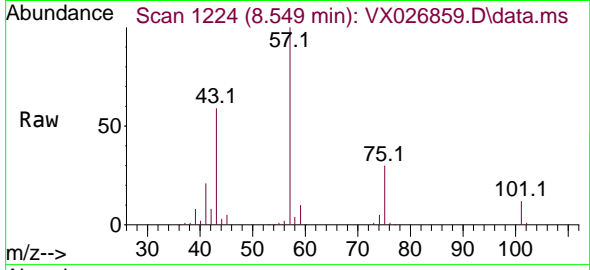




#51
 4-Methyl-2-Pentanone
 Concen: 17.960 ug/l
 RT: 8.549 min Scan# 1124
 Delta R.T. -0.024 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

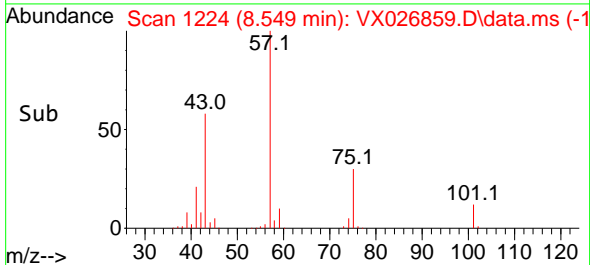
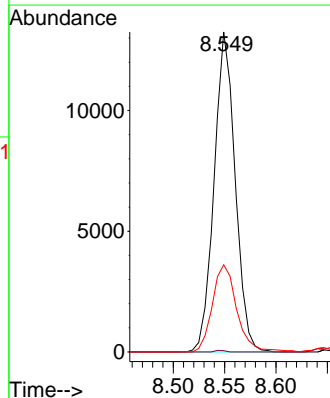
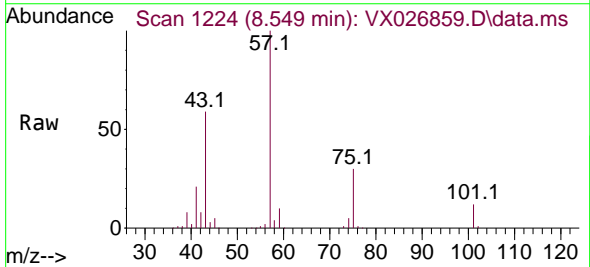
Instrument : MSVOA_X
 ClientSampleId : SP-5

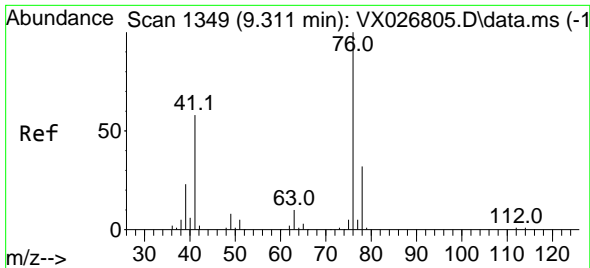
Tgt Ion: 43 Resp: 40707
 Ion Ratio Lower Upper
 43 100
 58 7.9 30.5 45.7#



#54
 cis-1,3-Dichloropropene
 Concen: 8.158 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion: 75 Resp: 18827
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.2 39.2#
 39 27.3 43.5 65.3#

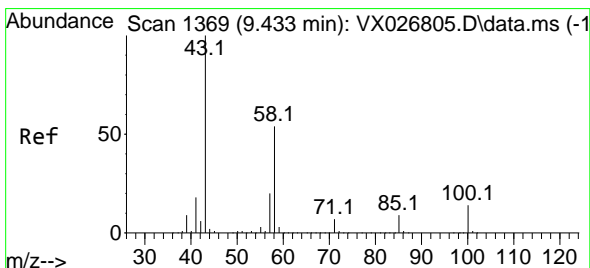
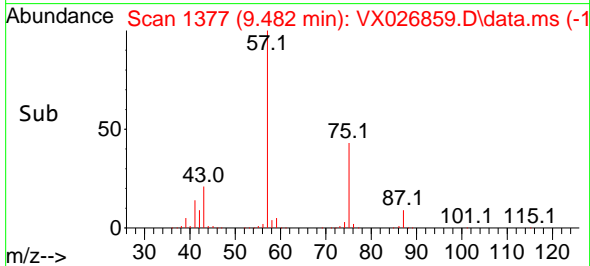
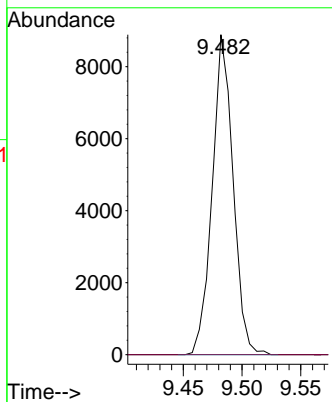
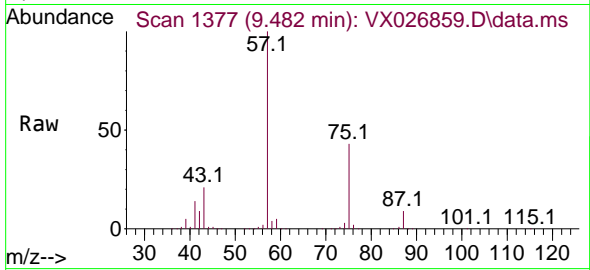




#57
 1,3-Dichloropropane
 Concen: 4.274 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

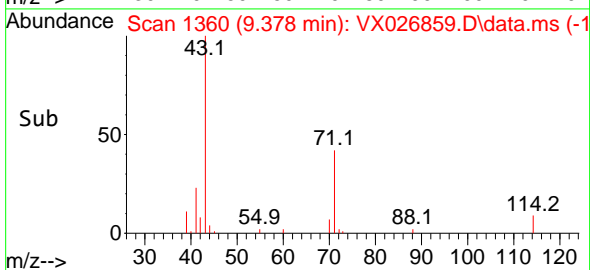
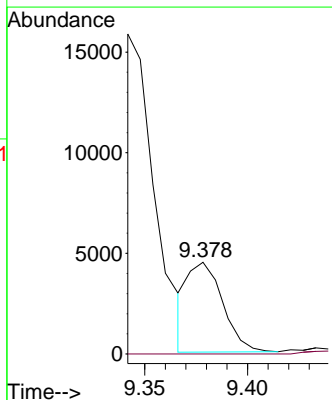
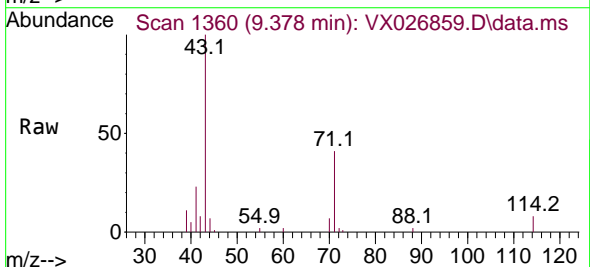
Instrument : MSVOA_X
 ClientSampleId : SP-5

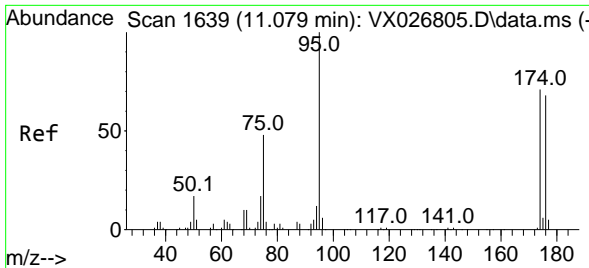
Tgt Ion: 76 Resp: 10966
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 3.208 ug/l
 RT: 9.378 min Scan# 1360
 Delta R.T. -0.055 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion: 43 Resp: 5319
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.4 79.2#

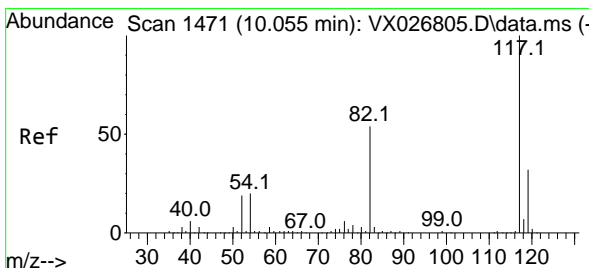
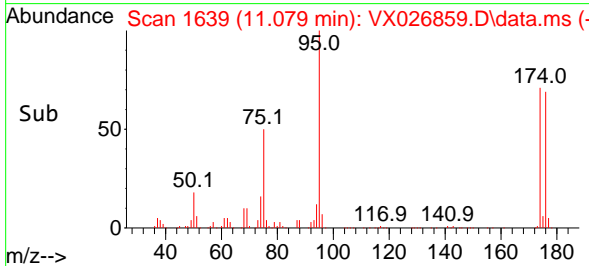
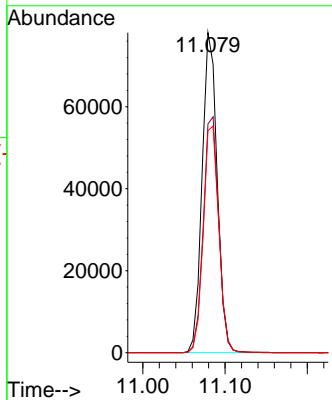
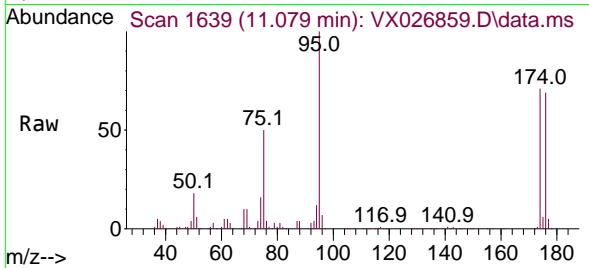




#62
 4-Bromofluorobenzene
 Concen: 56.657 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

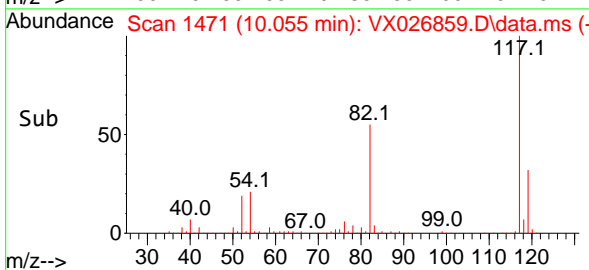
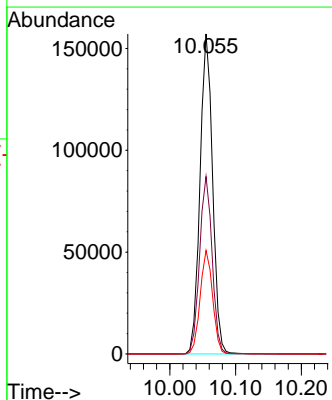
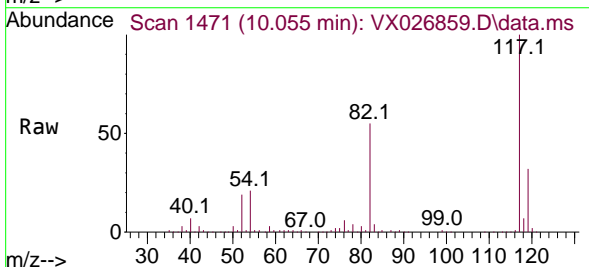
Instrument : MSVOA_X
 ClientSampleId : SP-5

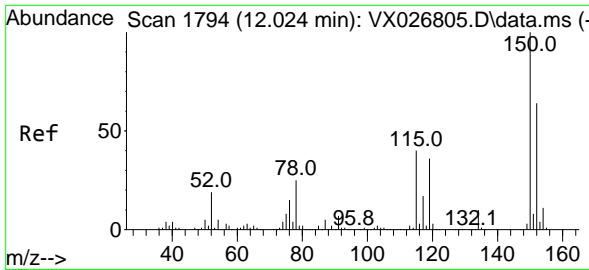
Tgt Ion	Resp	Ion Ratio	Lower	Upper
95	99278	100		
174	75.9	0.0	148.6	
176	72.9	0.0	141.4	



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

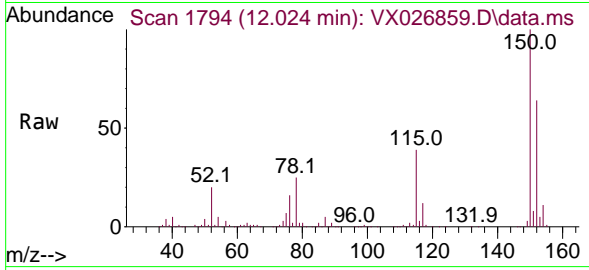
Tgt Ion	Resp	Ion Ratio	Lower	Upper
117	208307	100		
82	55.4	45.2	67.8	
119	32.4	26.2	39.2	



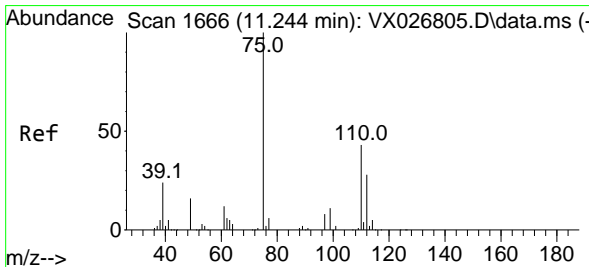
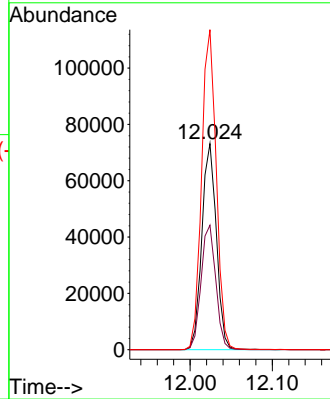
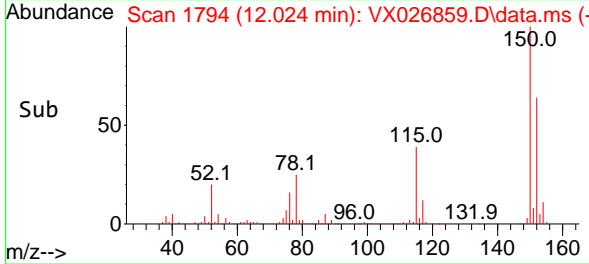


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

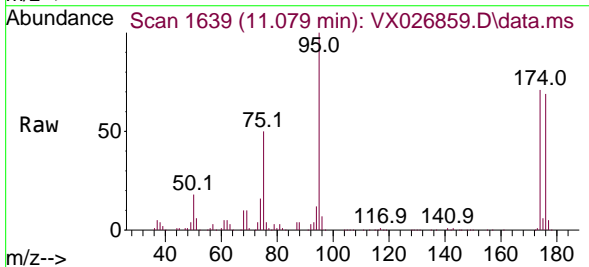
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-5



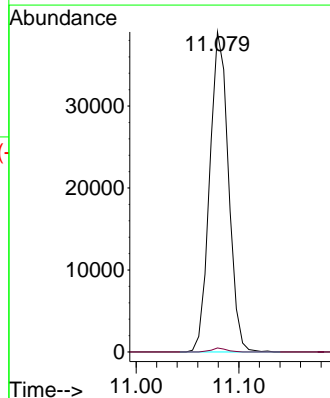
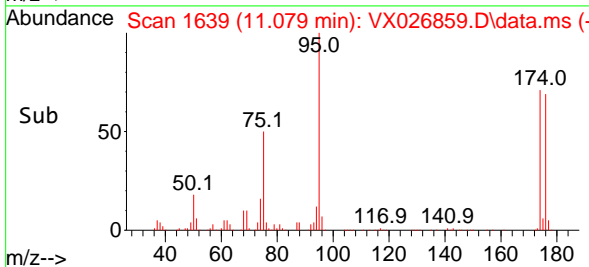
Tgt Ion:152 Resp: 89899
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.2 132.6
 150 156.6 0.0 348.2

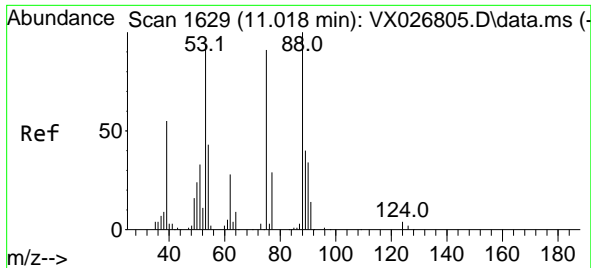


#76
 1,2,3-Trichloropropane
 Concen: 25.147 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15



Tgt Ion: 75 Resp: 49488
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.685 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-5

Tgt Ion: 75 Resp: 49488

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

