

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028826.D
 Acq On : 19 May 2022 15:33
 Operator : JC/MD
 Sample : N2941-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29S-20220518

Quant Time: May 20 01:47:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

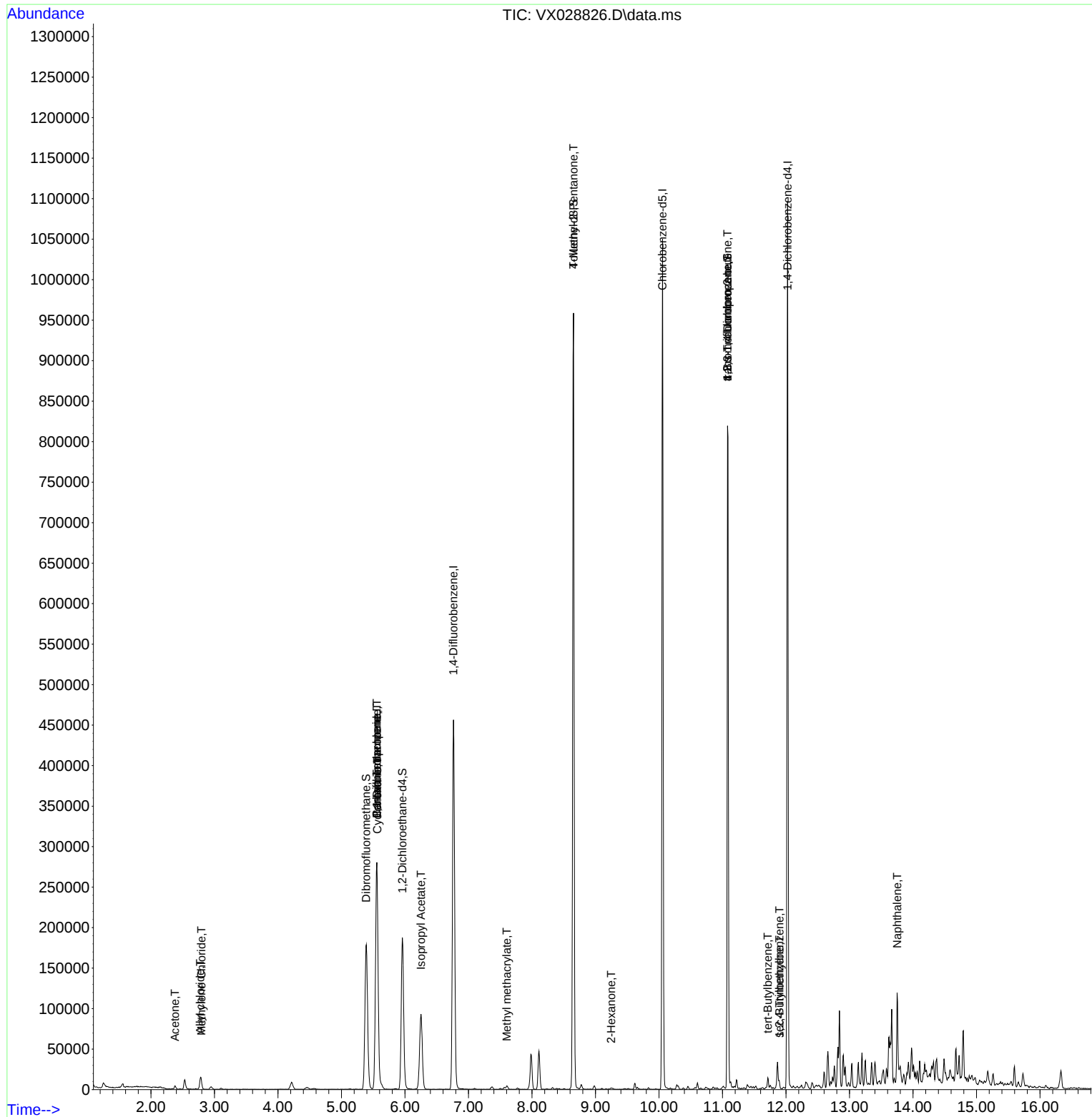
Internal Standards						
1) Pentafluorobenzene	5.556	168	256301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180066	51.253	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.500%
35) Dibromofluoromethane	5.385	113	154365	50.395	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.780%
50) Toluene-d8	8.653	98	559285	48.429	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	215225	49.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	483	Below Cal	#	66
6) Chloroethane	1.660	64	292	Below Cal		92
11) Tert butyl alcohol	2.947	59	1997	Below Cal	#	72
14) Allyl chloride	2.776	41	4312	1.014	ug/l #	64
16) Acetone	2.380	43	4588	3.043	ug/l #	78
20) Methylene Chloride	2.794	84	841	0.266	ug/l #	75
31) Cyclohexane	5.562	56	6435	1.320	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	21318	4.634	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27423	5.923	ug/l #	15
43) Isopropyl Acetate	6.251	43	21968	2.922	ug/l #	56
48) Methyl methacrylate	7.604	41	1239	0.341	ug/l #	30
51) 4-Methyl-2-Pentanone	8.653	43	2785	0.562	ug/l #	1
59) 2-Hexanone	9.244	43	1008	0.262	ug/l	68
76) 1,2,3-Trichloropropane	11.079	75	114700	23.332	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	114700	68.087	ug/l #	15
83) tert-Butylbenzene	11.713	119	4655	0.362	ug/l	75
84) 1,2,4-Trimethylbenzene	11.896	105	4173	0.314	ug/l #	31
85) sec-Butylbenzene	11.896	105	4173	0.263	ug/l #	56
95) Naphthalene	13.750	128	7660	0.514	ug/l #	1

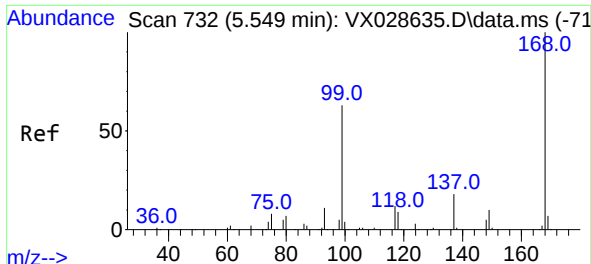
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
Data File : VX028826.D
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Sample : N2941-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

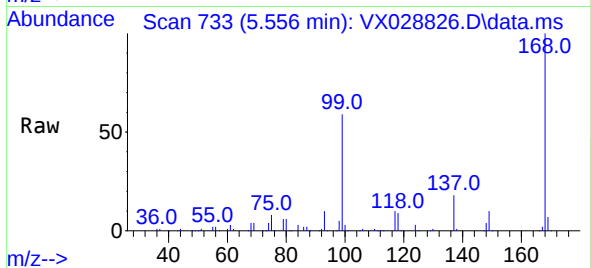
Quant Time: May 20 01:47:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration



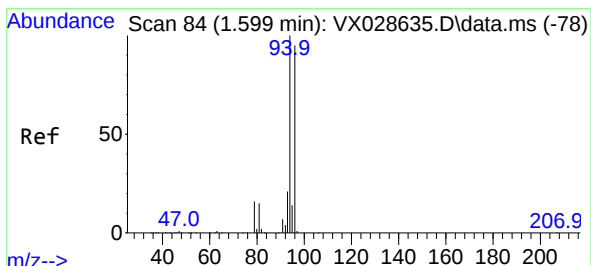
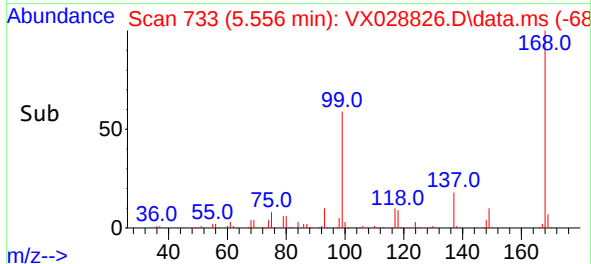
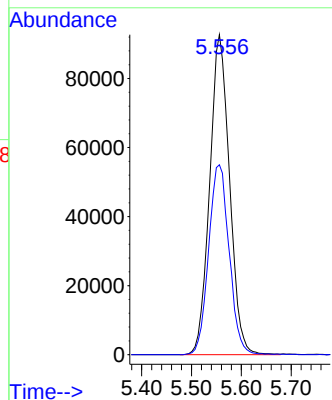


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

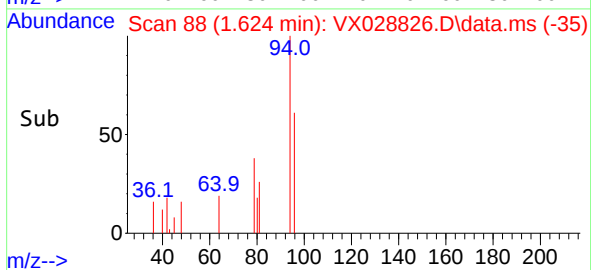
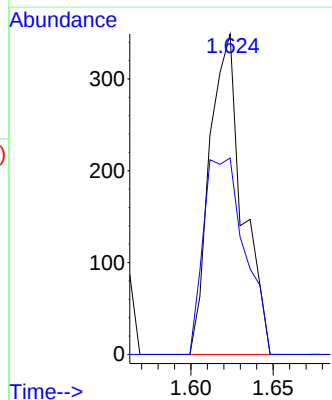
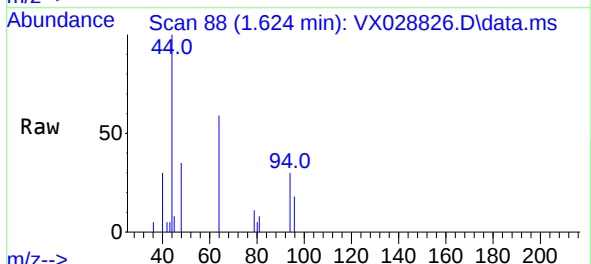


Tgt Ion:168 Resp: 256301
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5

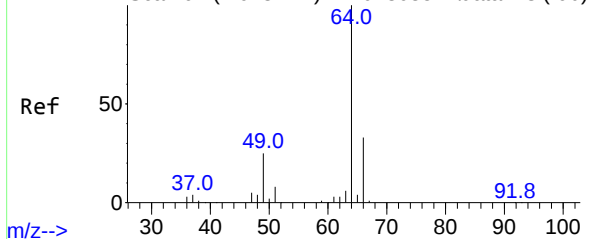


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 61.3 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.660 min Scan# 94

Delta R.T. -0.018 min

Lab File: VX028826.D

Acq: 19 May 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

29S-20220518

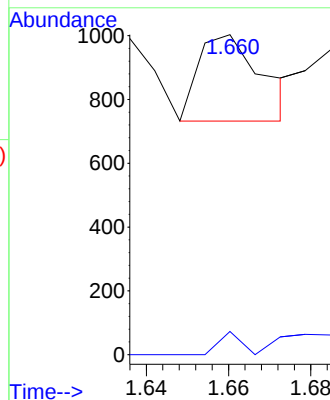
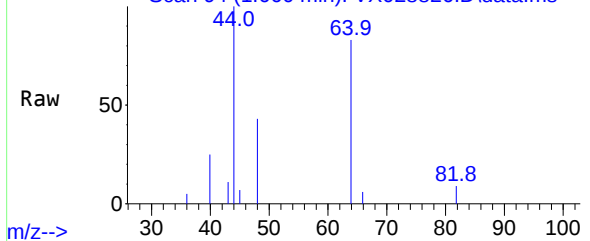
Tgt Ion: 64 Resp: 292

Ion Ratio Lower Upper

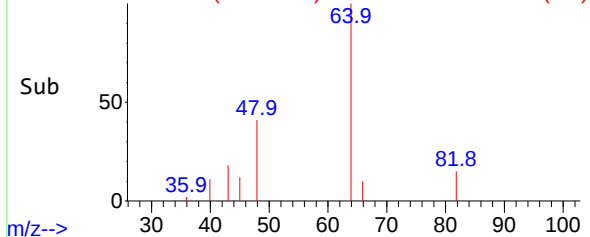
64 100

66 26.9 25.3 37.9

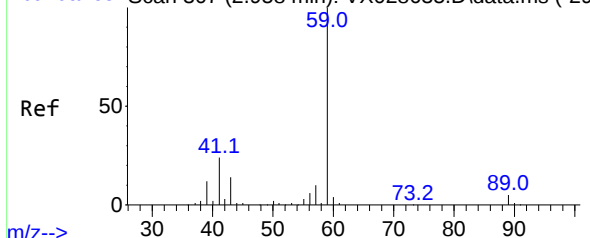
Abundance Scan 94 (1.660 min): VX028826.D\data.ms



Abundance Scan 94 (1.660 min): VX028826.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.011 min

Lab File: VX028826.D

Acq: 19 May 2022 15:33

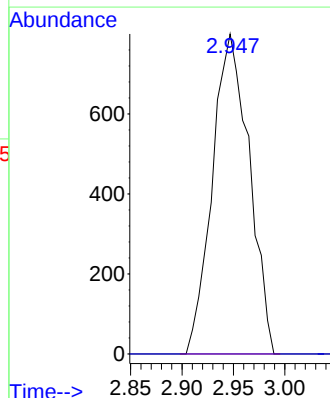
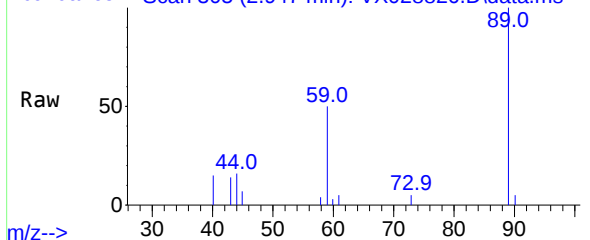
Tgt Ion: 59 Resp: 1997

Ion Ratio Lower Upper

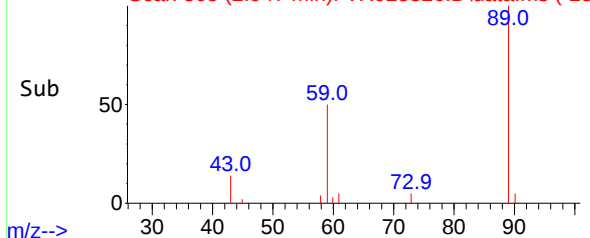
59 100

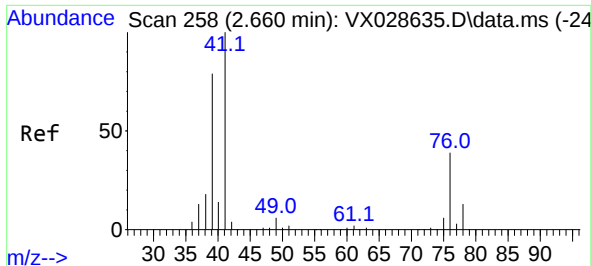
57 0.0 8.3 12.5#

Abundance Scan 305 (2.947 min): VX028826.D\data.ms



Abundance Scan 305 (2.947 min): VX028826.D\data.ms (-25)

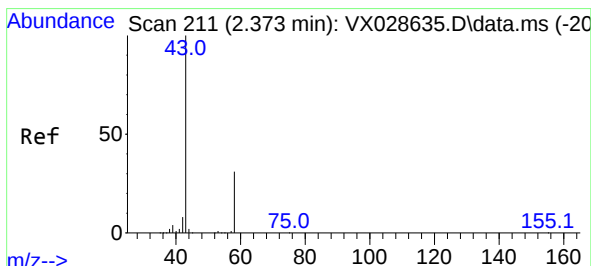
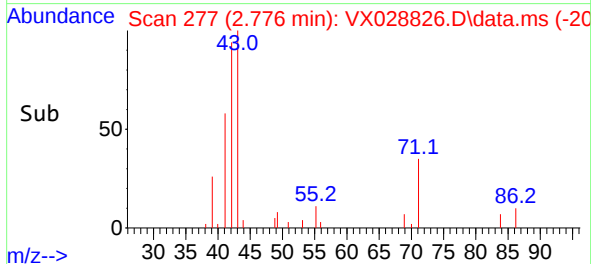
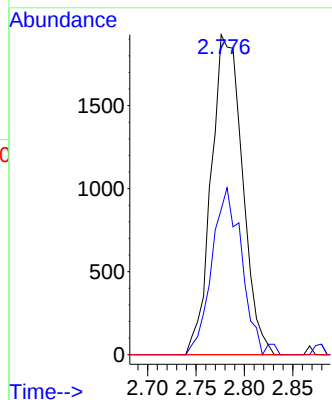
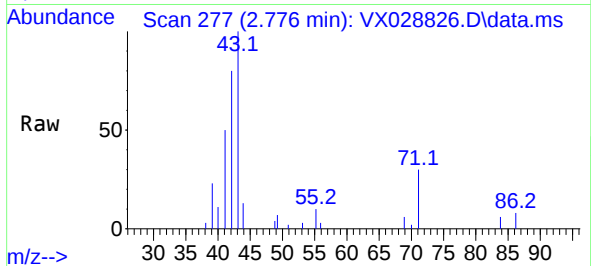




#14
 Allyl chloride
 Concen: 1.014 ug/l
 RT: 2.776 min Scan# 211
 Delta R.T. 0.116 min
 Lab File: VX028826.D
 Acq: 19 May 2022 15:33

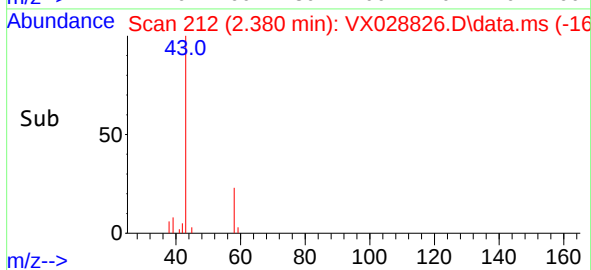
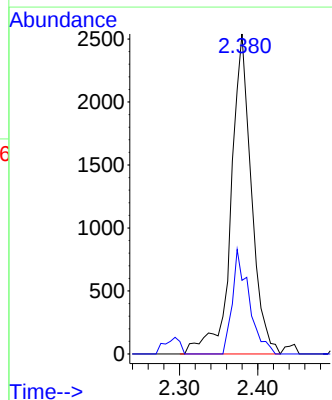
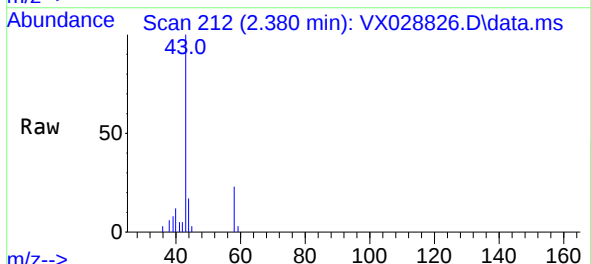
Instrument :
 MSVOA_X
 ClientSampleId :
 29S-20220518

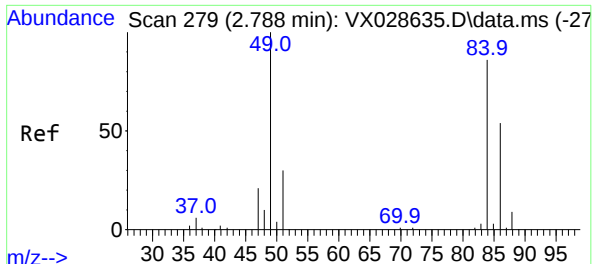
Tgt Ion: 41 Resp: 4312
 Ion Ratio Lower Upper
 41 100
 39 50.5 50.4 75.6
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 3.043 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.007 min
 Lab File: VX028826.D
 Acq: 19 May 2022 15:33

Tgt Ion: 43 Resp: 4588
 Ion Ratio Lower Upper
 43 100
 58 23.0 28.8 43.2#

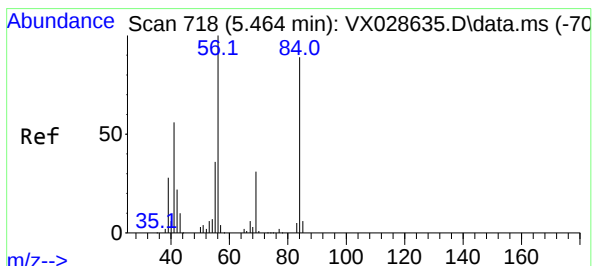
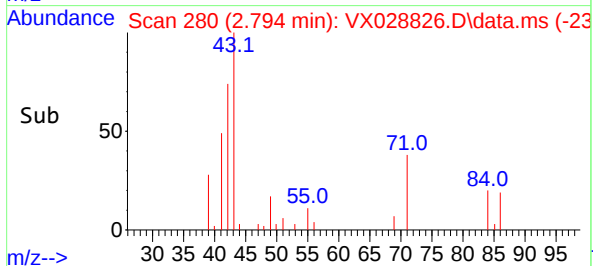
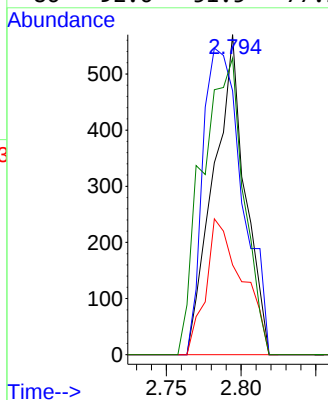
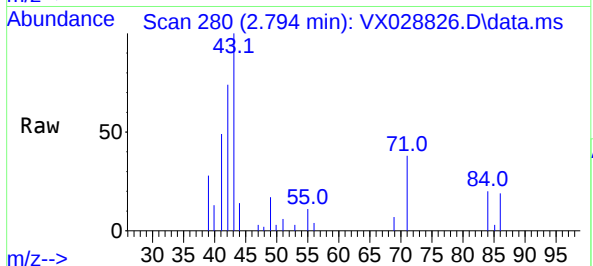




#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

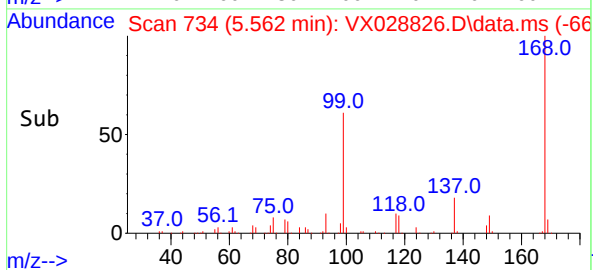
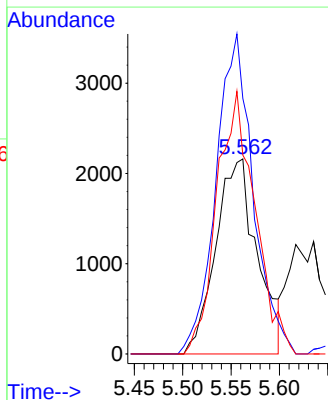
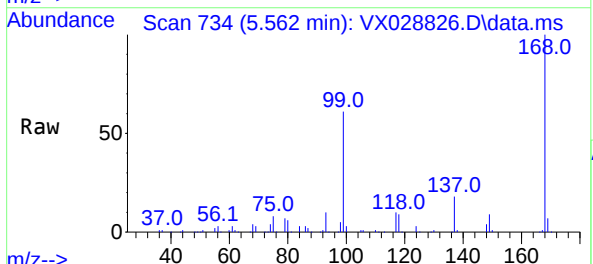
Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

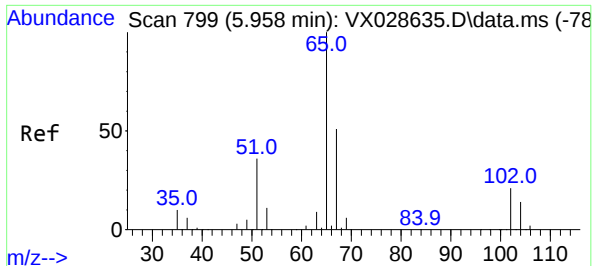
Tgt Ion: 84	Resp:	841
Ion	Ratio	Lower Upper
84	100	
49	82.5	85.5 128.3#
51	28.1	26.6 39.8
86	92.6	51.5 77.3#



#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 56	Resp:	6435
Ion	Ratio	Lower Upper
56	100	
69	131.0	26.7 40.1#
84	102.0	77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 51.253 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028826.D

Acq: 19 May 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

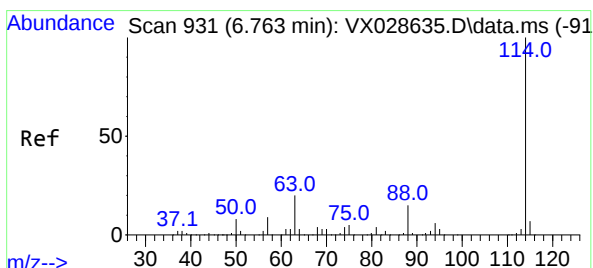
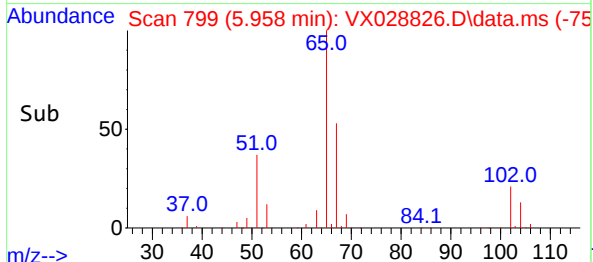
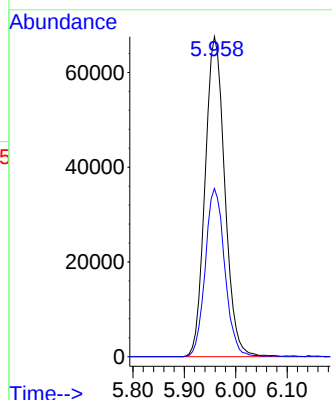
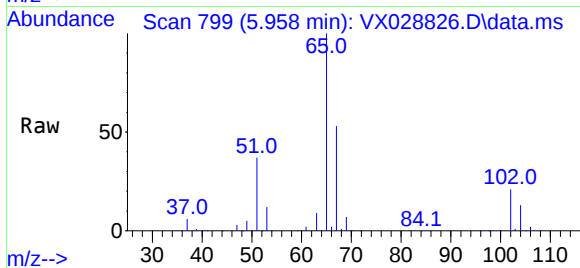
29S-20220518

Tgt Ion: 65 Resp: 180066

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028826.D

Acq: 19 May 2022 15:33

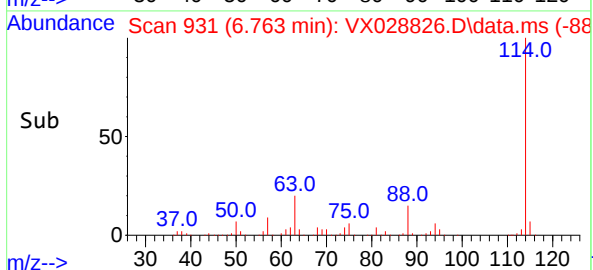
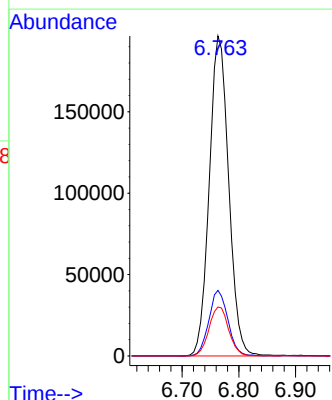
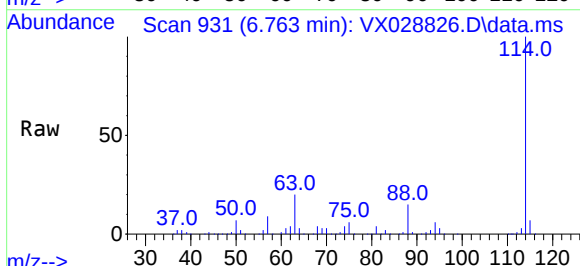
Tgt Ion: 114 Resp: 467521

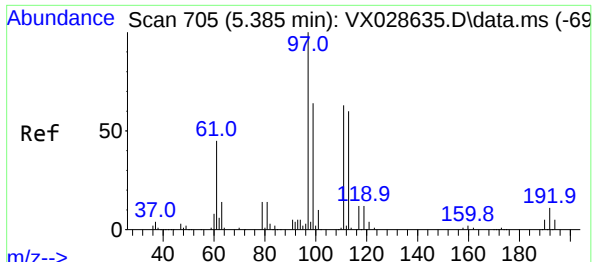
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

88 15.3 0.0 32.4



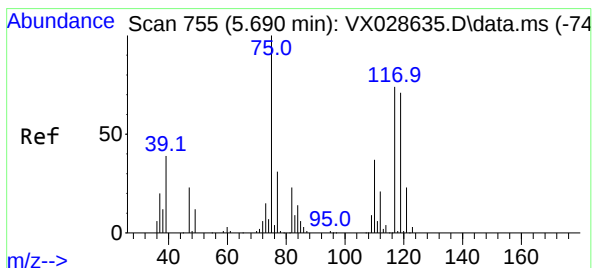
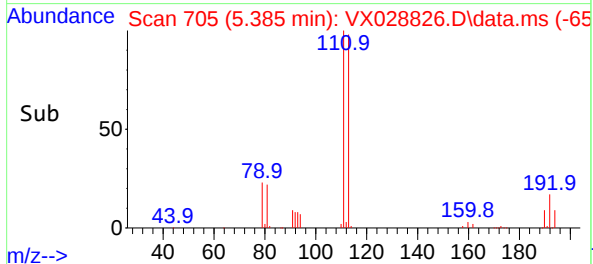
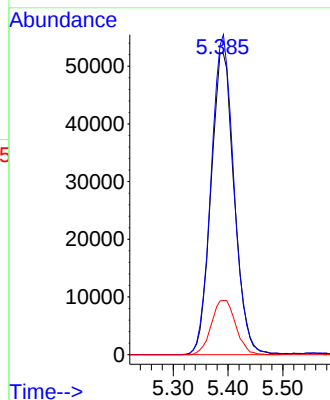
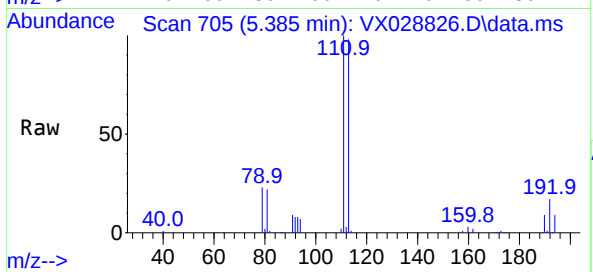


#35
Dibromofluoromethane
Concen: 50.395 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

Tgt Ion: 113 Resp: 154365

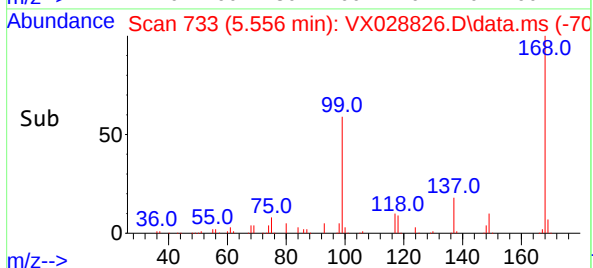
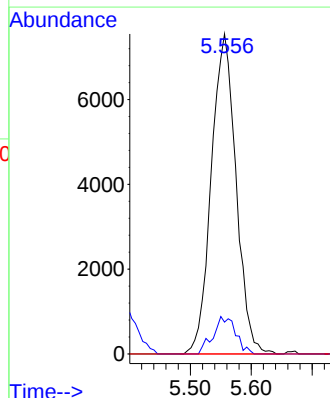
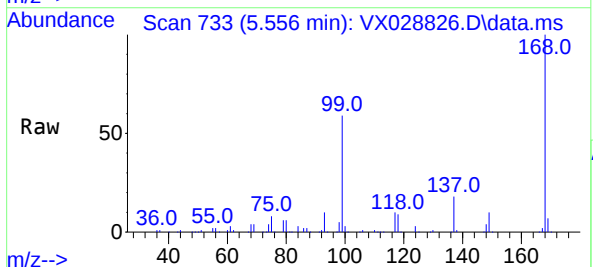
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	18.8	16.9	25.3

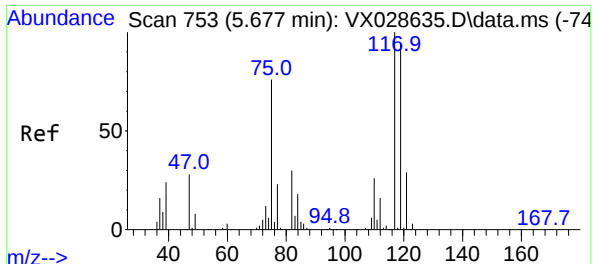


#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 75 Resp: 21318

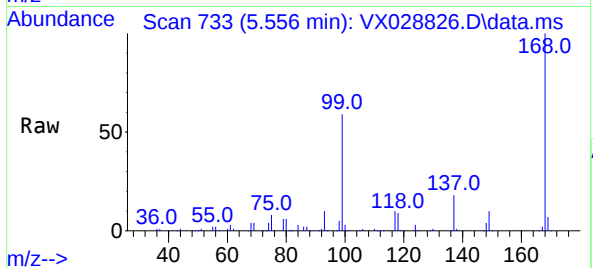
Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.3	54.8#
77	0.0	24.8	37.2#



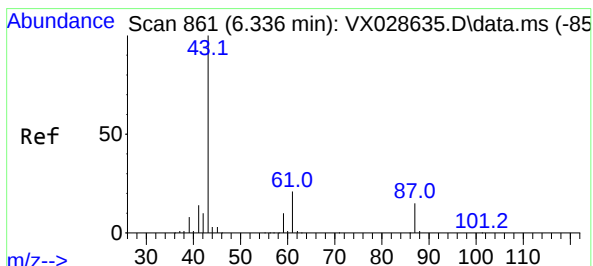
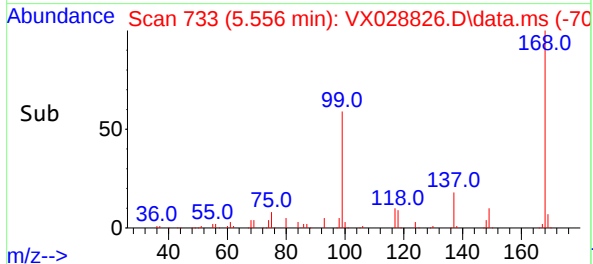
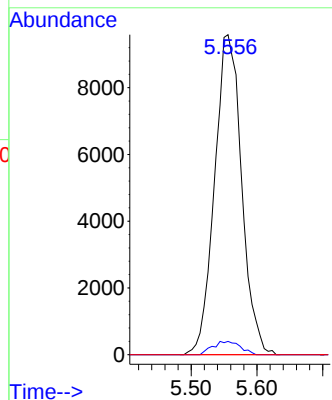


#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.121 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

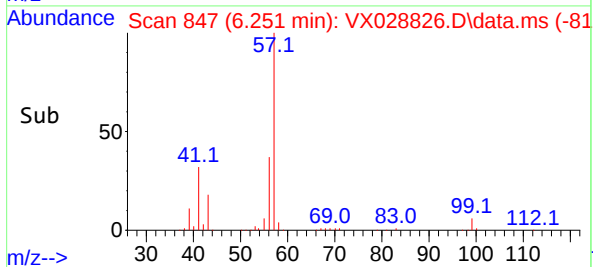
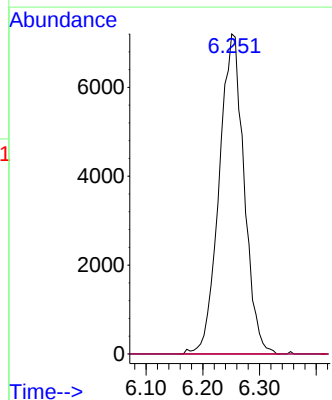
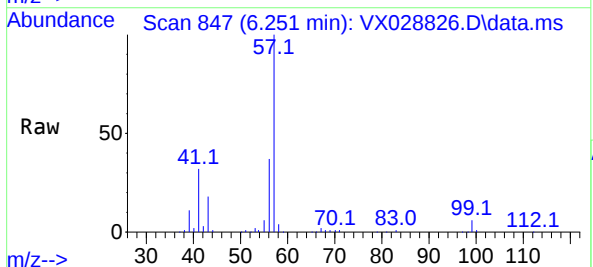


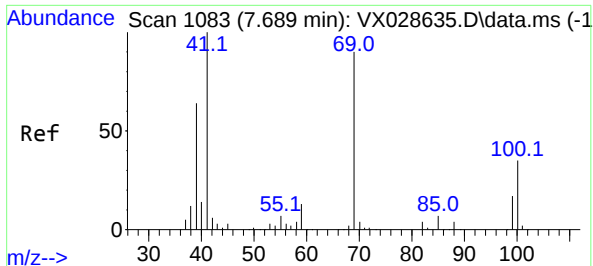
Tgt Ion:117 Resp: 27423
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.922 ug/l
RT: 6.251 min Scan# 847
Delta R.T. -0.085 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 43 Resp: 21968
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

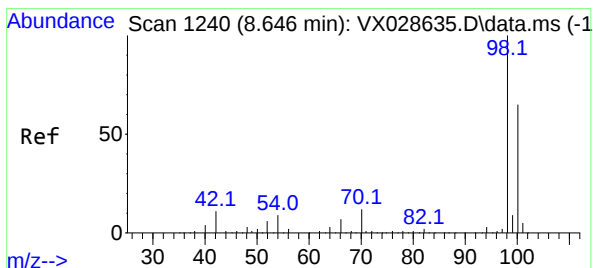
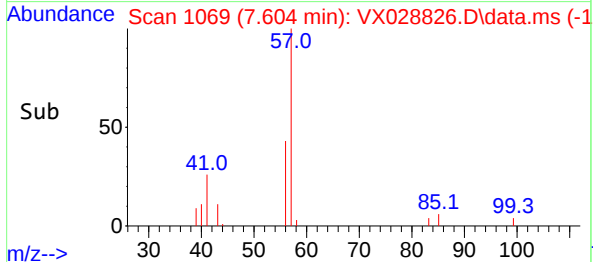
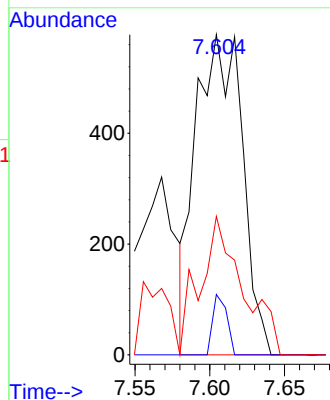
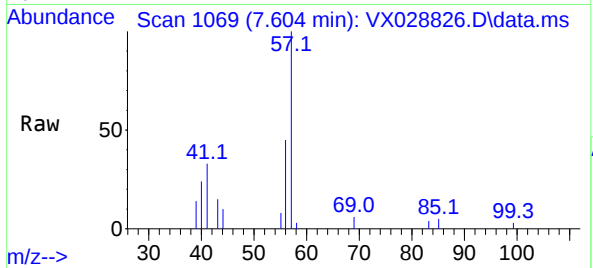




#48
Methyl methacrylate
Concen: 0.341 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.085 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

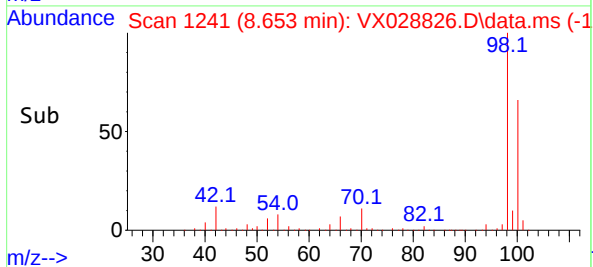
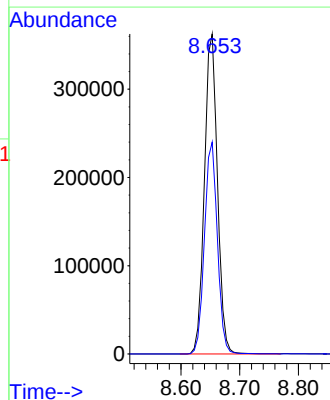
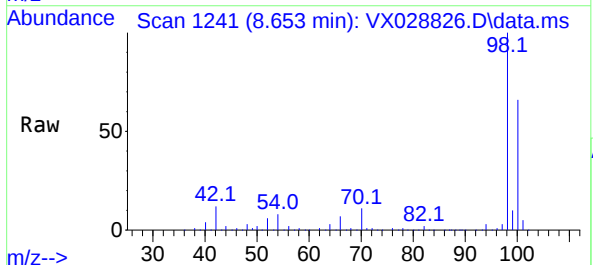
Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

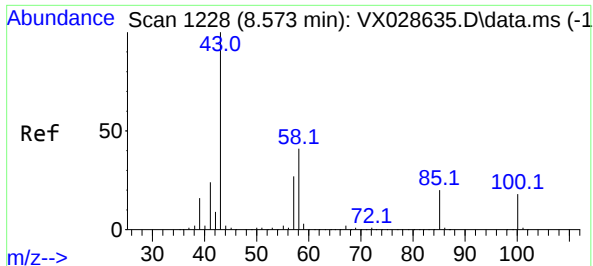
Tgt Ion: 41 Resp: 1239
Ion Ratio Lower Upper
41 100
69 5.7 82.5 123.7#
39 40.1 43.8 65.8#



#50
Toluene-d8
Concen: 48.429 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 98 Resp: 559285
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

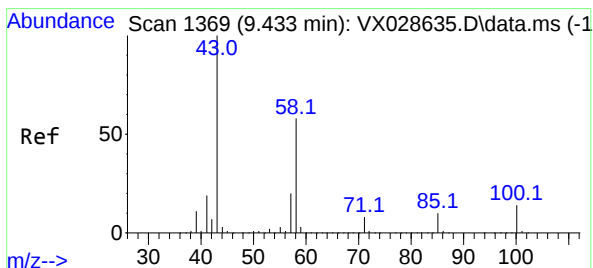
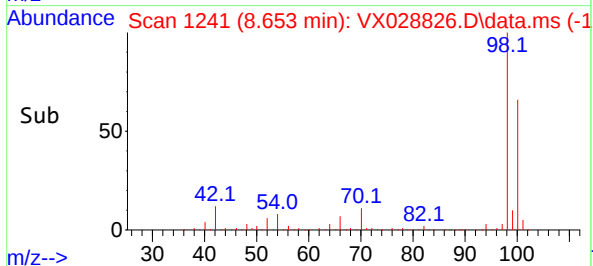
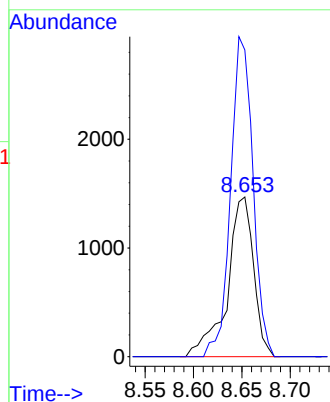
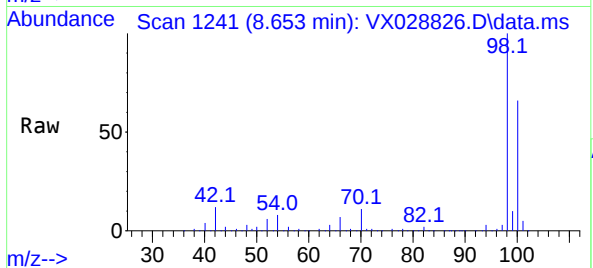




#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

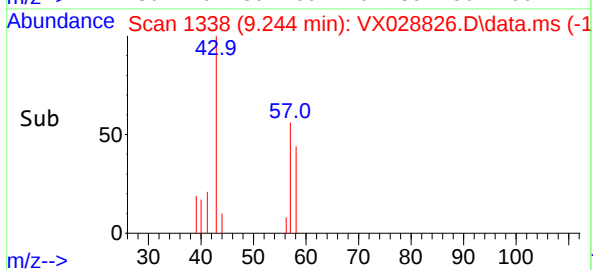
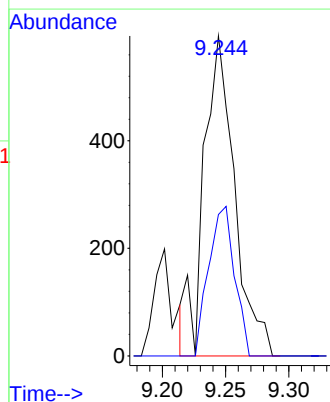
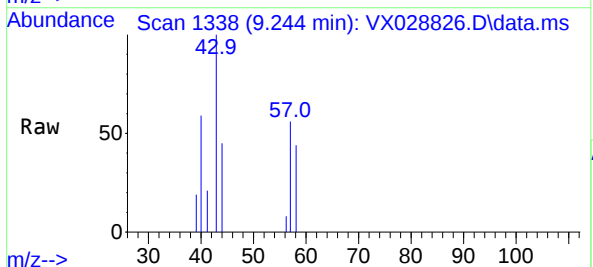
Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

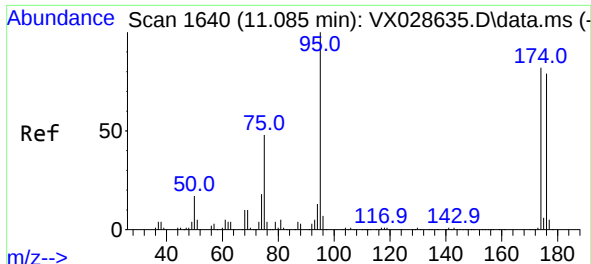
Tgt Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
58 169.8 36.1 54.1#



#59
2-Hexanone
Concen: 0.262 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.189 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 39.2 31.9 95.7

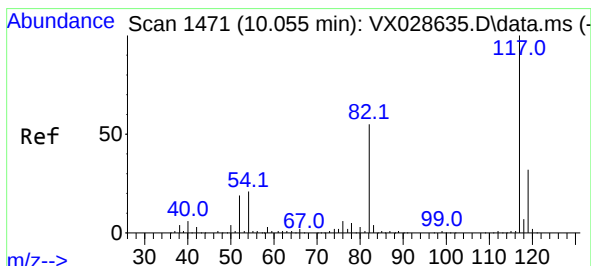
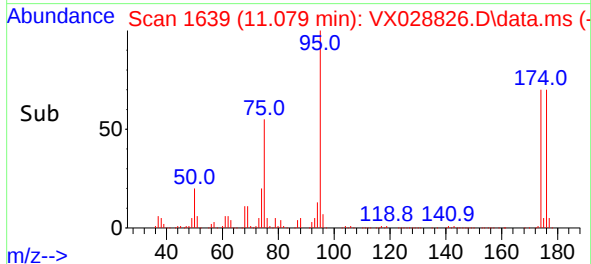
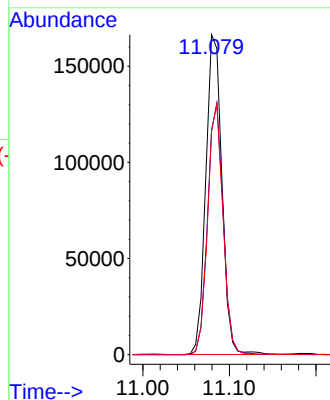
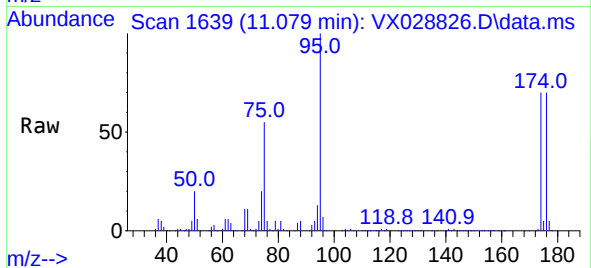




#62
4-Bromofluorobenzene
Concen: 49.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

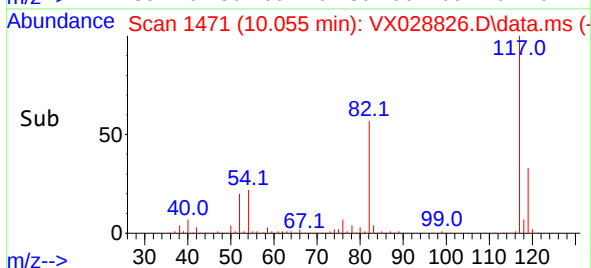
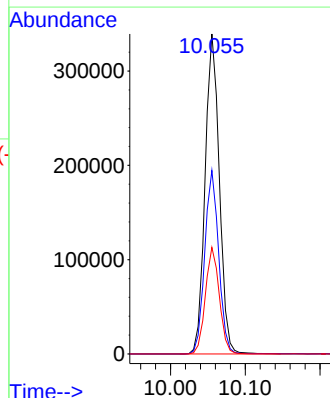
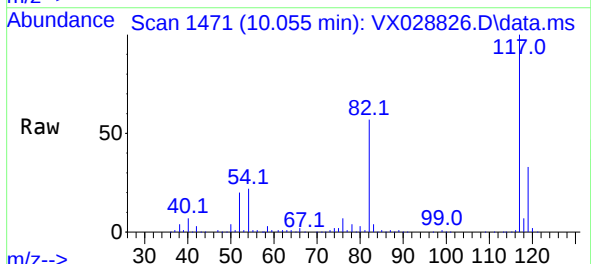
Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

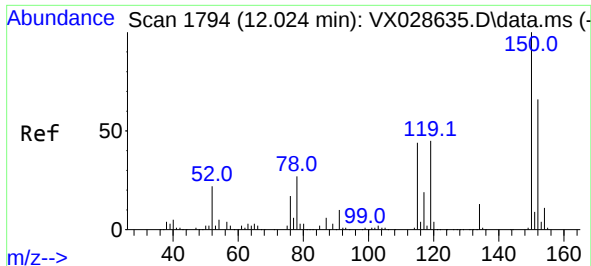
Tgt Ion: 95 Resp: 215225
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 74.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 117 Resp: 448446
Ion Ratio Lower Upper
117 100
82 57.3 41.8 62.8
119 33.3 24.8 37.2

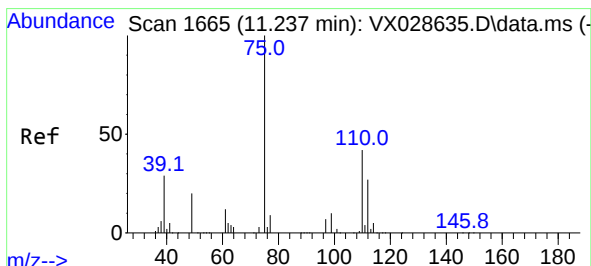
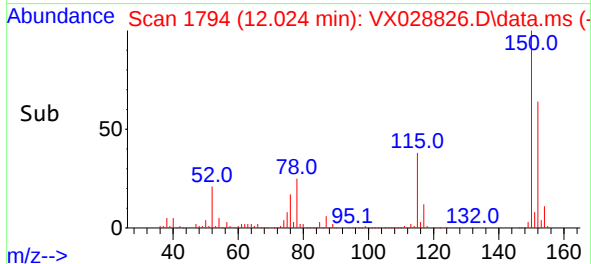
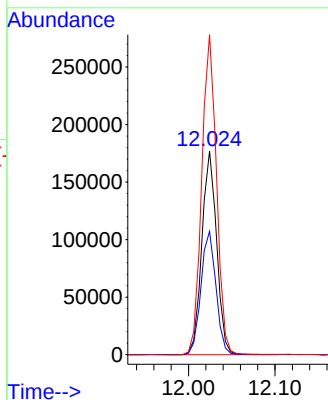
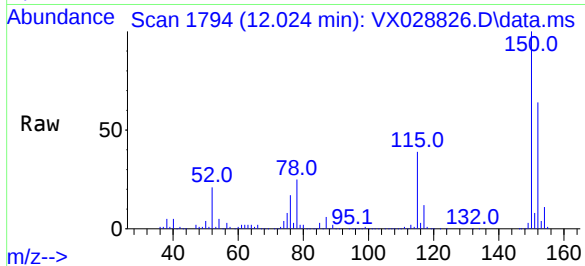




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

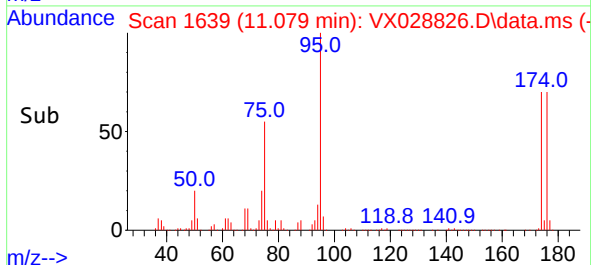
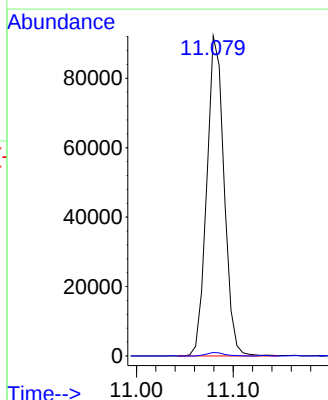
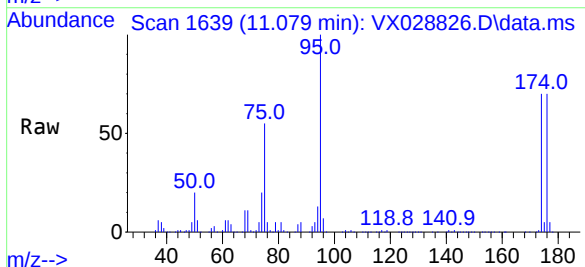
Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

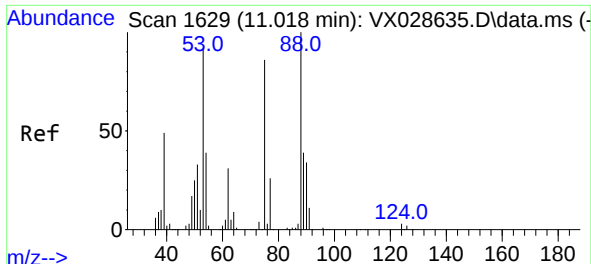
Tgt Ion:152 Resp: 209917
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 156.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.332 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 75 Resp: 114700
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

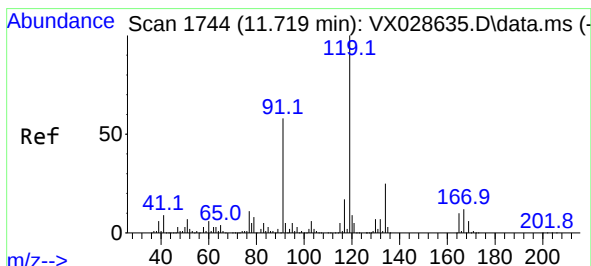
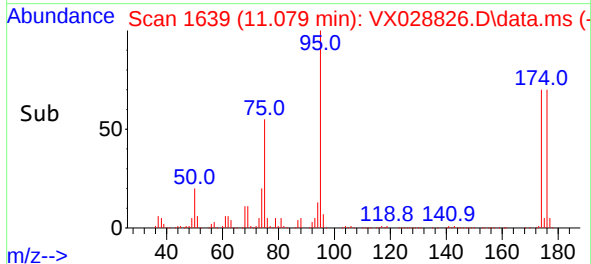
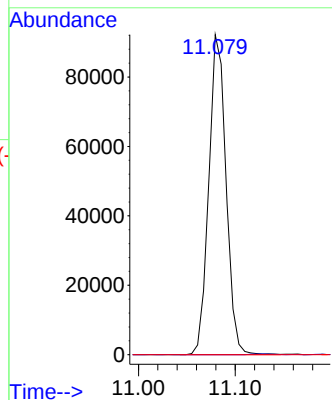
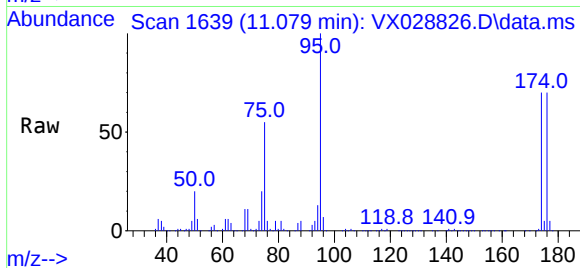




#81
trans-1,4-Dichloro-2-butene
Concen: 68.087 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

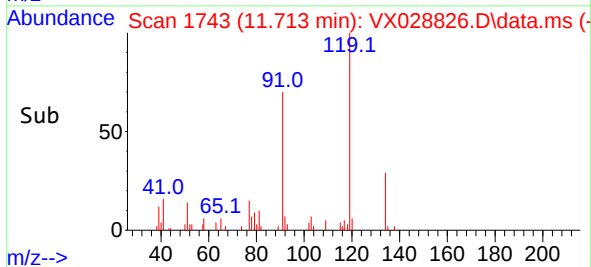
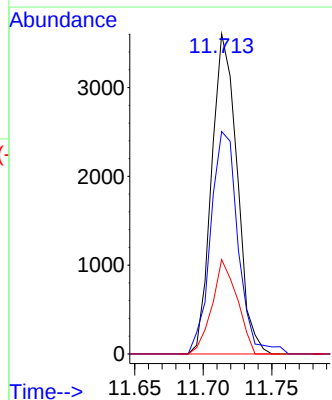
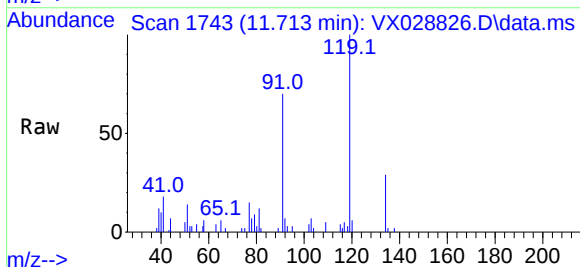
Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

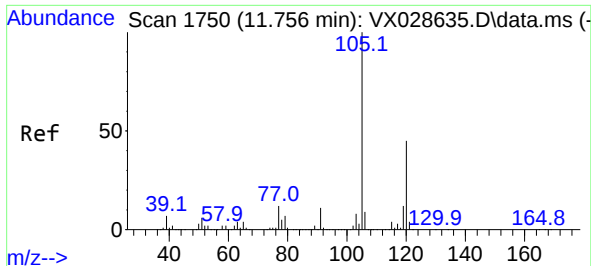
Tgt Ion: 75 Resp: 114700
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#83
tert-Butylbenzene
Concen: 0.362 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Tgt Ion: 119 Resp: 4655
Ion Ratio Lower Upper
119 100
91 75.0 26.9 80.6
134 28.9 11.4 34.2

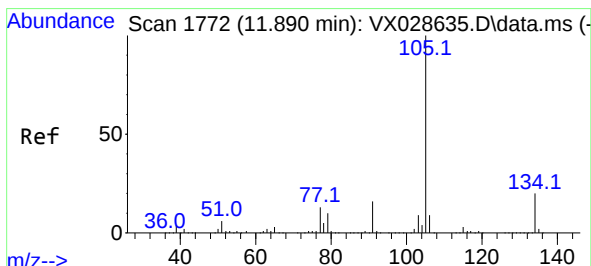
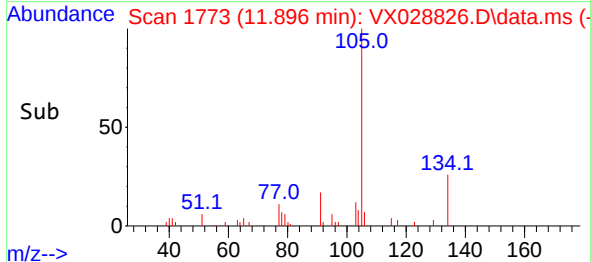
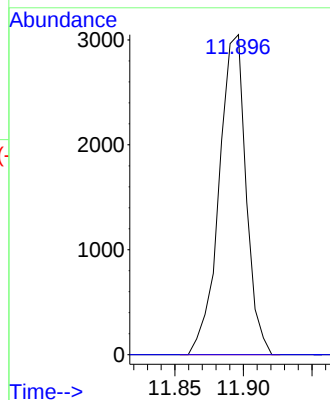
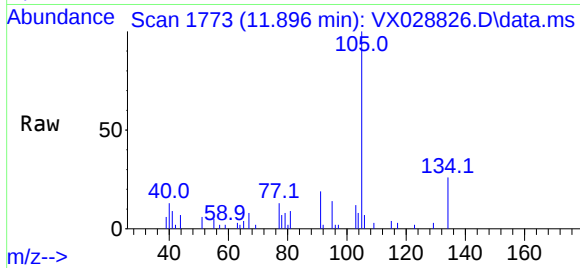




#84
1,2,4-Trimethylbenzene
Concen: 0.314 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.140 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

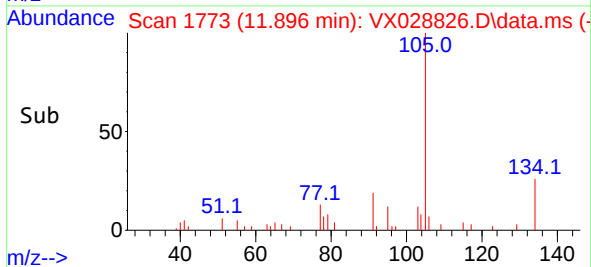
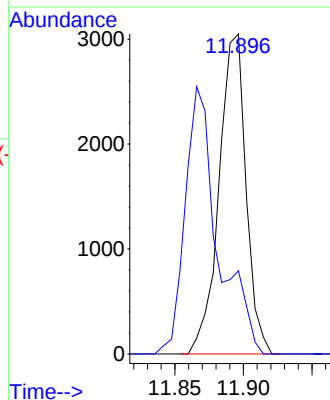
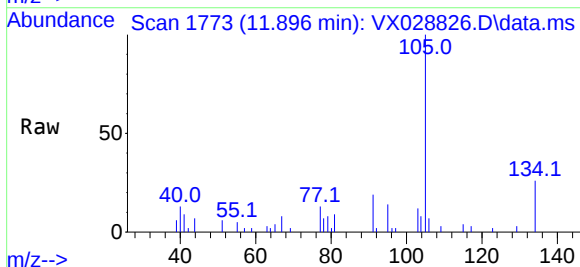
Instrument :
MSVOA_X
ClientSampleId :
29S-20220518

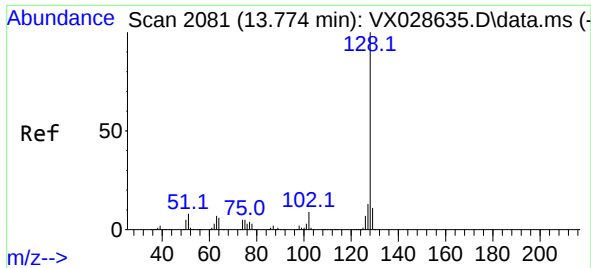
Tgt Ion:105 Resp: 4173
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.8#



#85
sec-Butylbenzene
Concen: 0.263 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

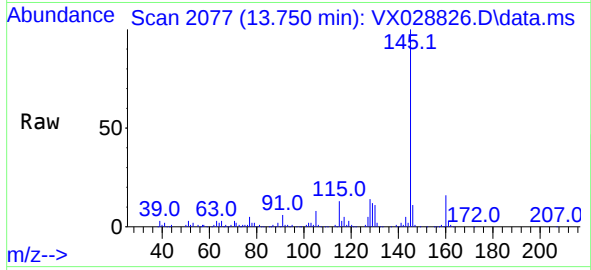
Tgt Ion:105 Resp: 4173
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 0.514 ug/l
RT: 13.750 min Scan# 2081
Delta R.T. -0.024 min
Lab File: VX028826.D
Acq: 19 May 2022 15:33

Instrument :
MSVOA_X
ClientSampleId :
29S-20220518



Tgt Ion:128 Resp: 7660
Ion Ratio Lower Upper
128 100
127 30.5 10.2 15.4#
129 74.0 8.7 13.1#

