

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026871.D
 Acq On : 09 Feb 2022 16:11
 Operator : JC/MD
 Sample : N1429-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:06:52 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)

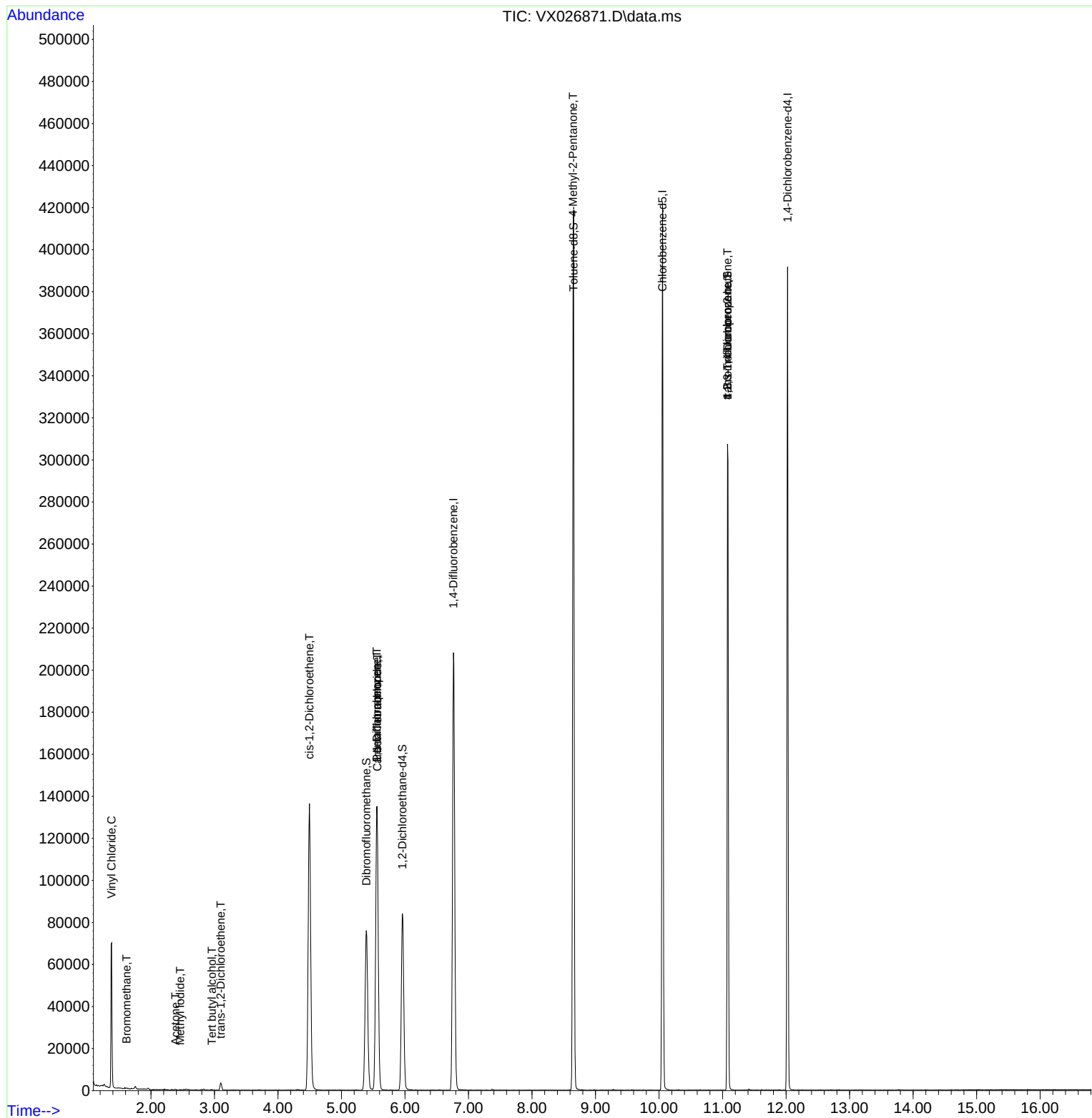
Internal Standards						
1) Pentafluorobenzene	5.556	168	127592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83306	54.391	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.780%			
35) Dibromofluoromethane	5.391	113	67471	52.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.653	98	244269	52.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.140%			
62) 4-Bromofluorobenzene	11.079	95	86674	52.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.960%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	45950	34.010	ug/l	98
5) Bromomethane	1.617	94	185	0.323	ug/l	99
10) Methyl Iodide	2.459	142	176	2.347	ug/l #	64
11) Tert butyl alcohol	2.959	59	127	0.459	ug/l #	75
16) Acetone	2.386	43	356	0.529	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	1385	1.008	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	86116	54.584	ug/l	88
36) 1,1-Dichloropropene	5.556	75	10001	4.961	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12938	6.120	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1069	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43367	25.206	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43367	76.855	ug/l #	3

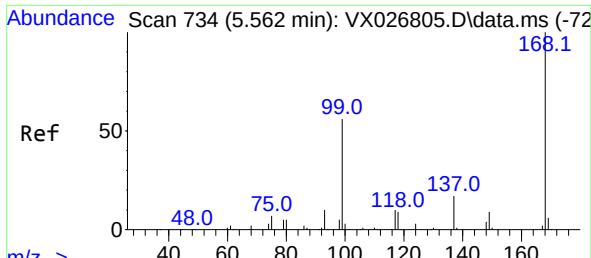
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX026871.D

Acq: 09 Feb 2022 16:11

Instrument :

MSVOA_X

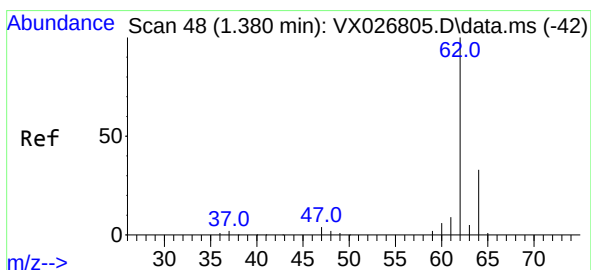
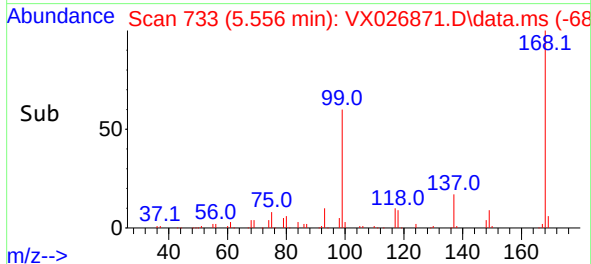
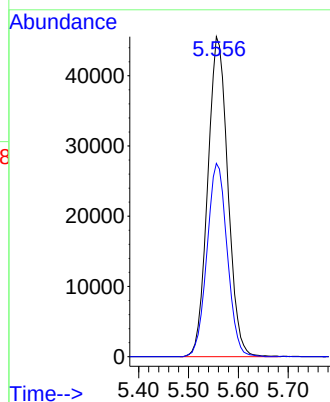
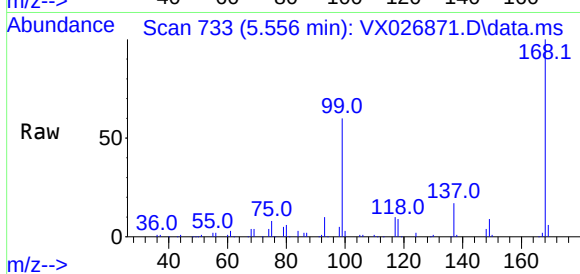
ClientSampleId :

Tgt Ion:168 Resp: 127592

Ion Ratio Lower Upper

168 100

99 60.4 50.3 75.5



#4

Vinyl Chloride

Concen: 34.010 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX026871.D

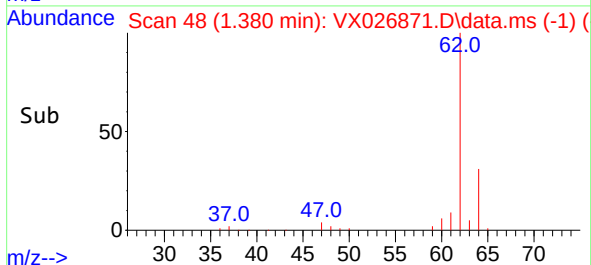
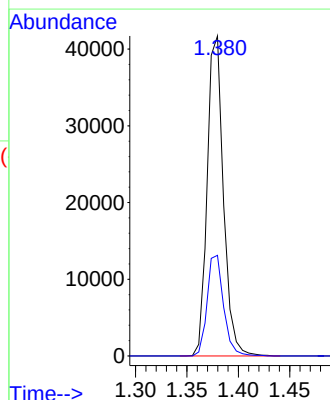
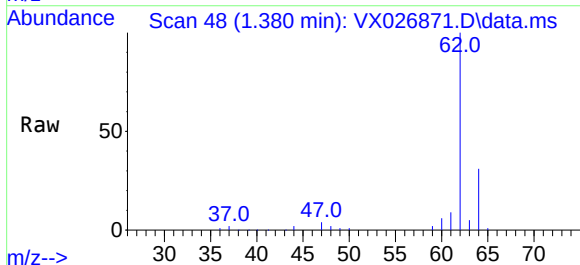
Acq: 09 Feb 2022 16:11

Tgt Ion: 62 Resp: 45950

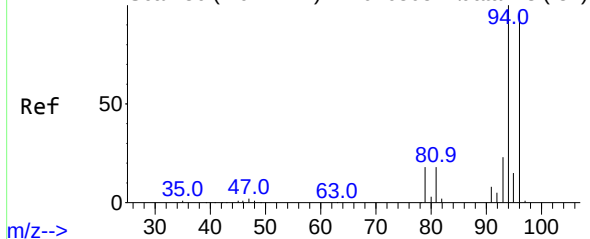
Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.2



Abundance Scan 86 (1.611 min): VX026805.D\data.ms (-81)



#5

Bromomethane

Concen: 0.323 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX026871.D

Acq: 09 Feb 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

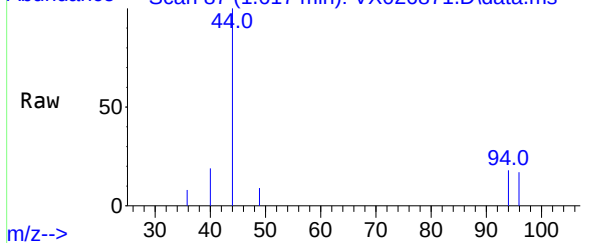
Tgt Ion: 94 Resp: 185

Ion Ratio Lower Upper

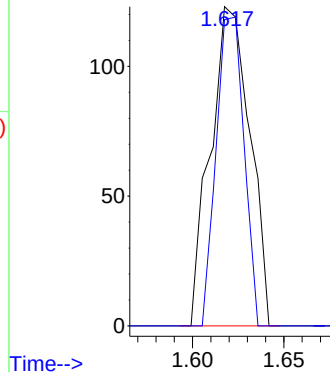
94 100

96 95.9 75.9 113.9

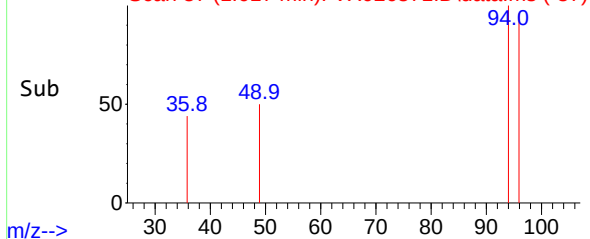
Abundance Scan 87 (1.617 min): VX026871.D\data.ms



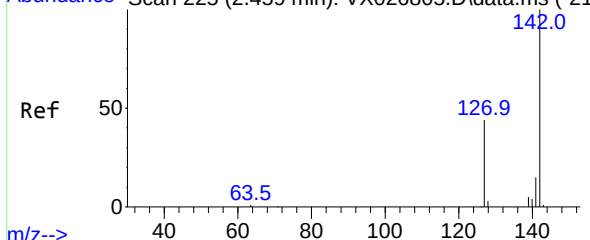
Abundance



Abundance Scan 87 (1.617 min): VX026871.D\data.ms (-37)



Abundance Scan 225 (2.459 min): VX026805.D\data.ms (-21)



#10

Methyl Iodide

Concen: 2.347 ug/l

RT: 2.459 min Scan# 225

Delta R.T. -0.000 min

Lab File: VX026871.D

Acq: 09 Feb 2022 16:11

Tgt Ion: 142 Resp: 176

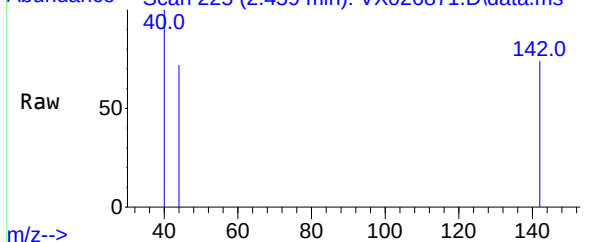
Ion Ratio Lower Upper

142 100

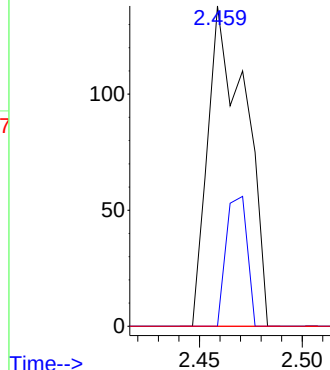
127 22.7 38.1 57.1#

141 0.0 11.2 16.8#

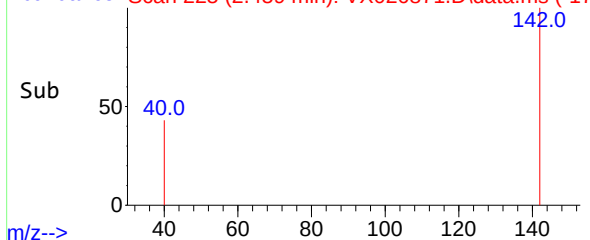
Abundance Scan 225 (2.459 min): VX026871.D\data.ms

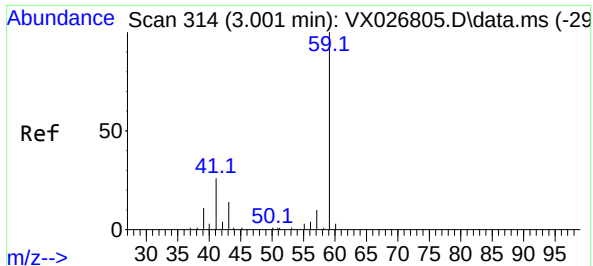


Abundance



Abundance Scan 225 (2.459 min): VX026871.D\data.ms (-17)

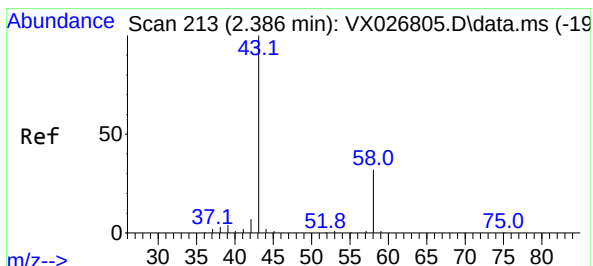
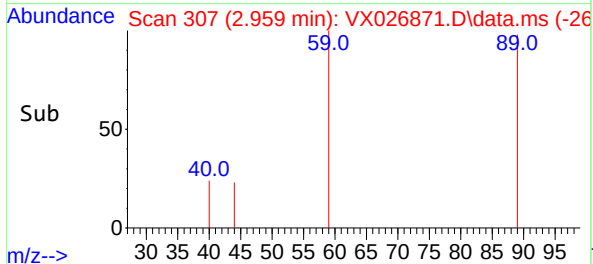
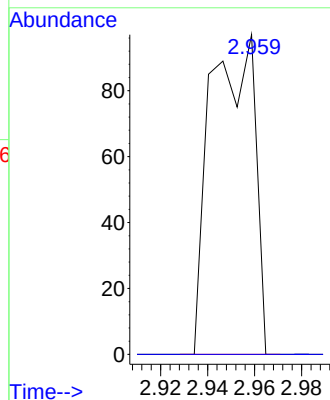
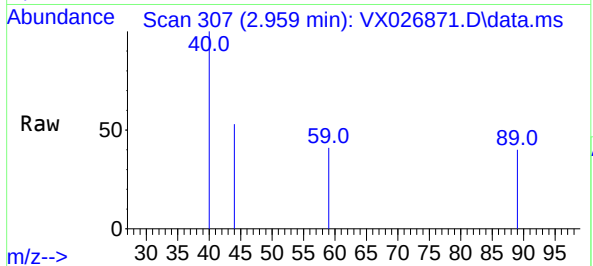




#11
Tert butyl alcohol
Concen: 0.459 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.042 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

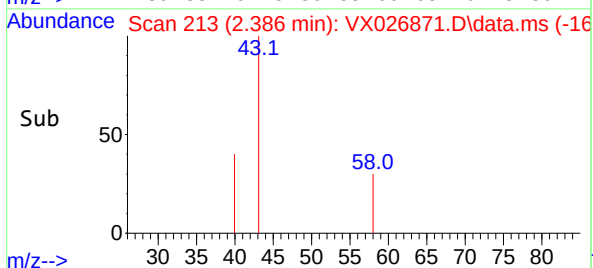
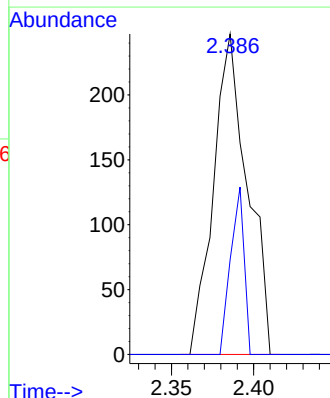
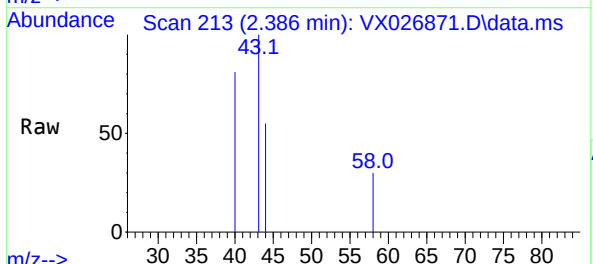
Instrument :
MSVOA_X
ClientSampleId :

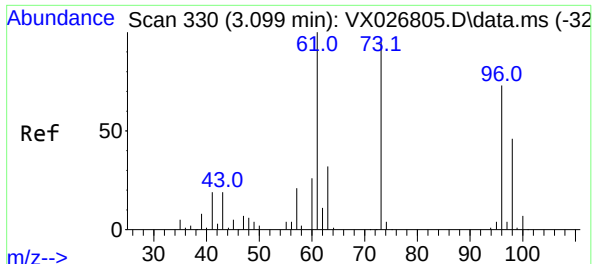
Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 0.529 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

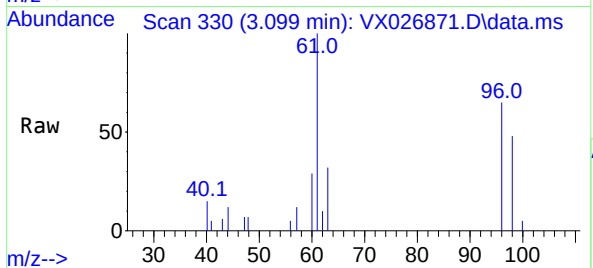
Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
58 29.6 23.0 34.6



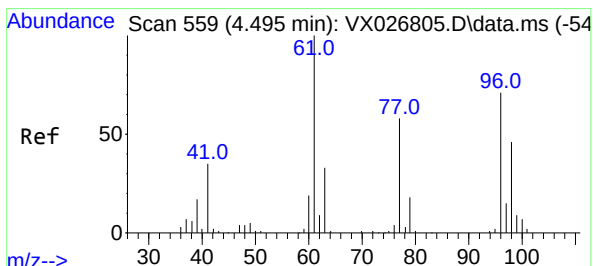
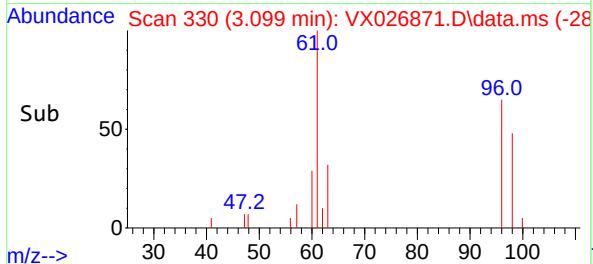
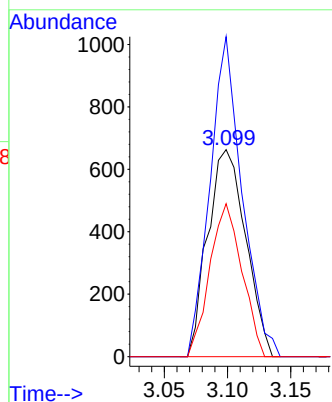


#21
trans-1,2-Dichloroethene
Concen: 1.008 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

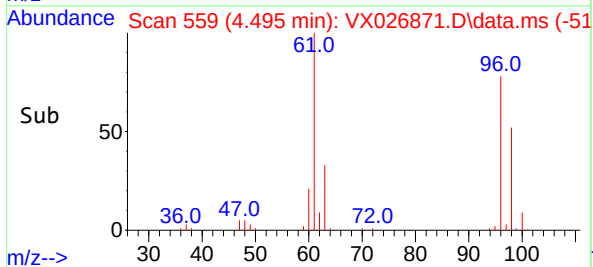
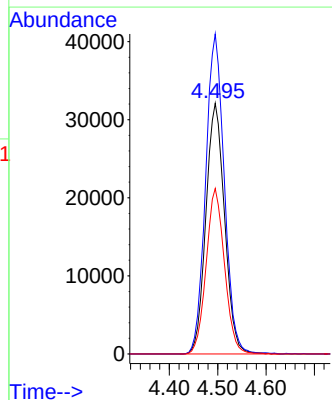
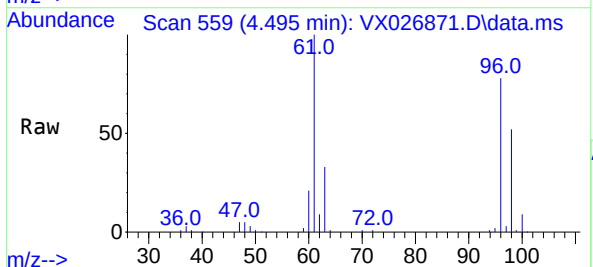


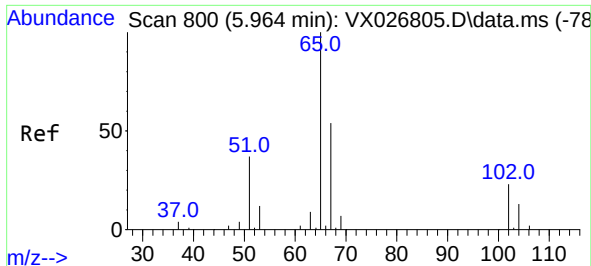
Tgt Ion: 96 Resp: 1385
Ion Ratio Lower Upper
96 100
61 154.6 112.9 169.3
98 73.9 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 54.584 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Tgt Ion: 96 Resp: 86116
Ion Ratio Lower Upper
96 100
61 127.3 0.0 296.6
98 64.9 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 54.391 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026871.D

Acq: 09 Feb 2022 16:11

Instrument :

MSVOA_X

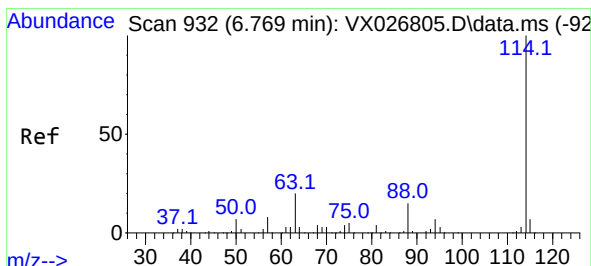
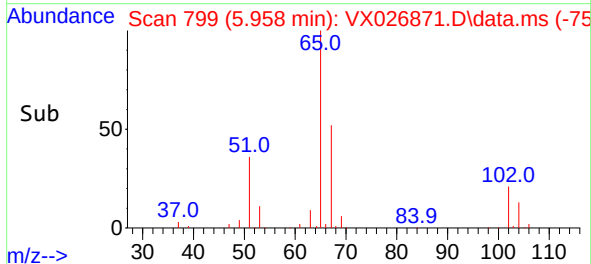
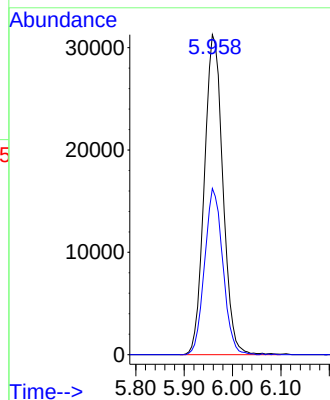
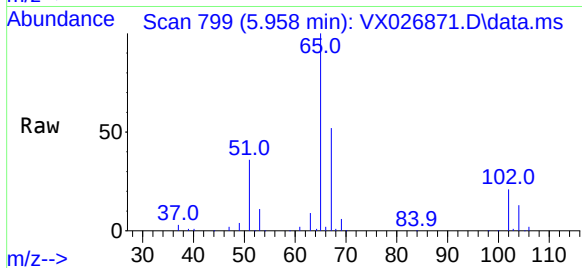
ClientSampleId :

Tgt Ion: 65 Resp: 83306

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026871.D

Acq: 09 Feb 2022 16:11

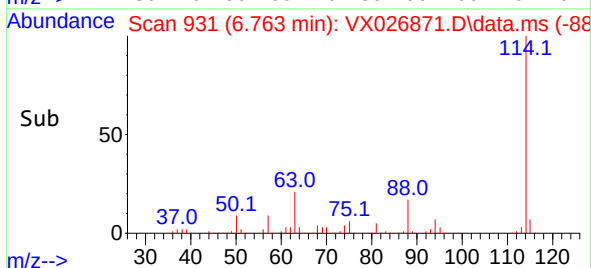
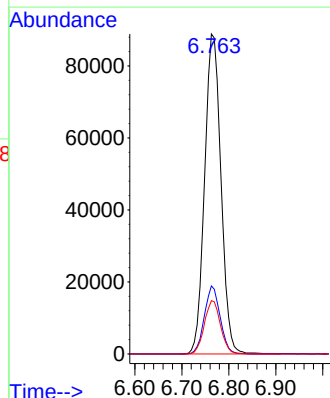
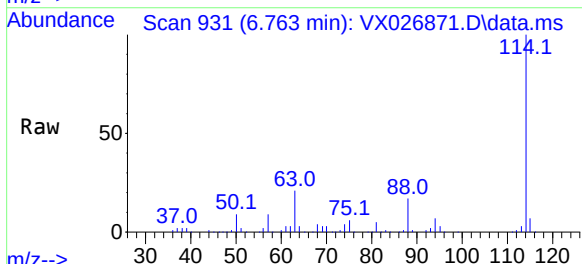
Tgt Ion: 114 Resp: 214498

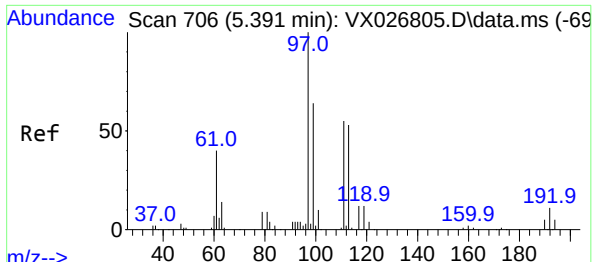
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

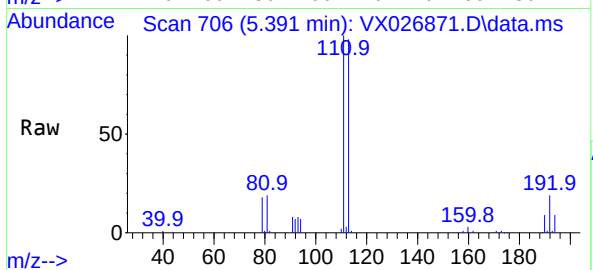
88 16.7 0.0 33.0



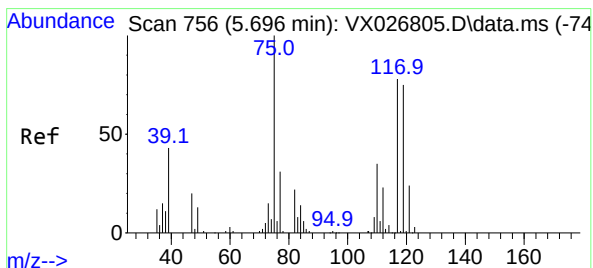
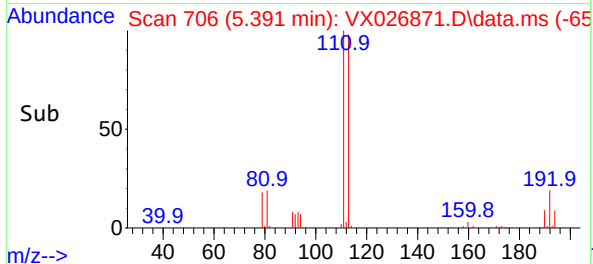
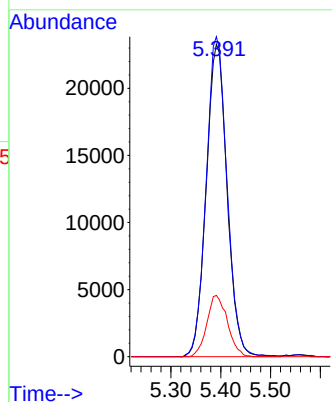


#35
Dibromofluoromethane
Concen: 52.797 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

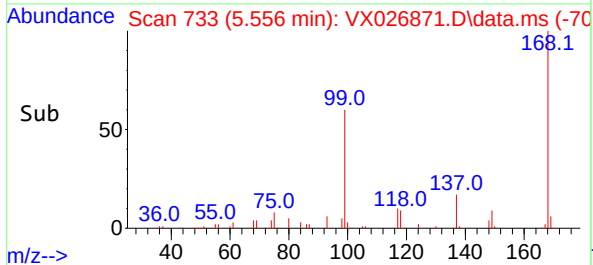
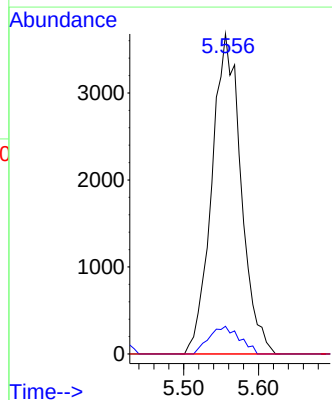
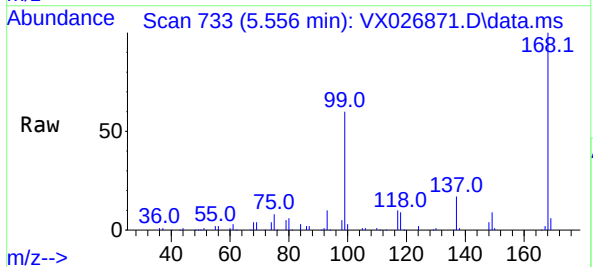


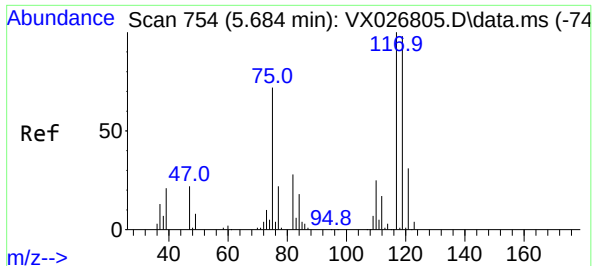
Tgt Ion:113 Resp: 67471
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

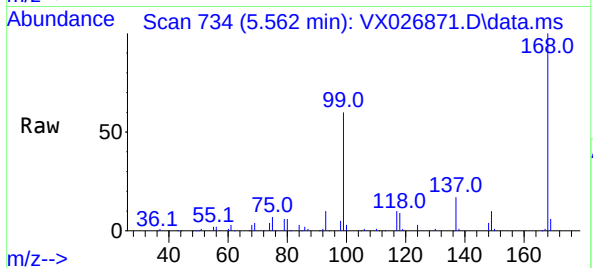
Tgt Ion: 75 Resp: 10001
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



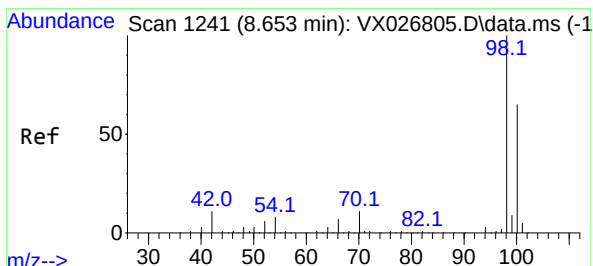
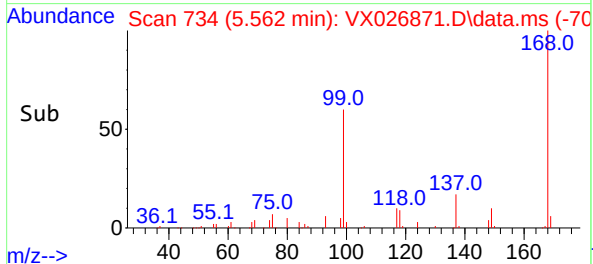
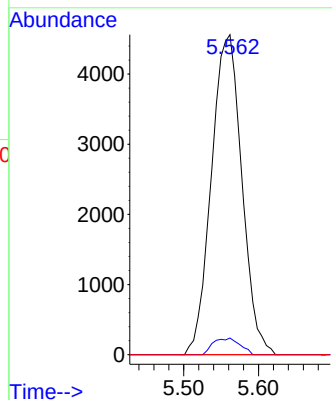


#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

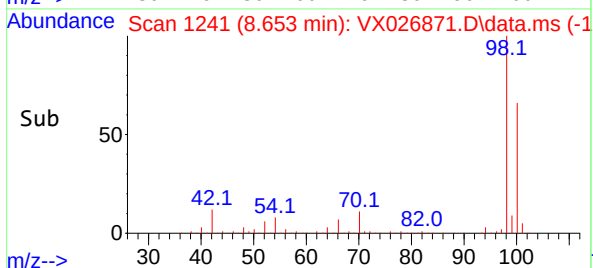
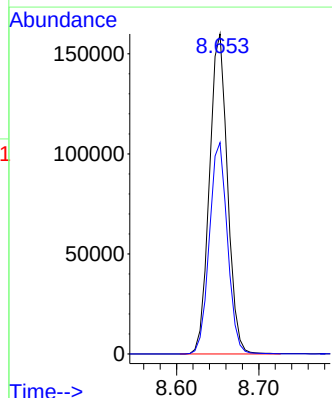
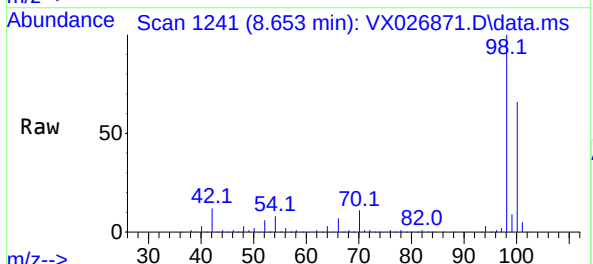


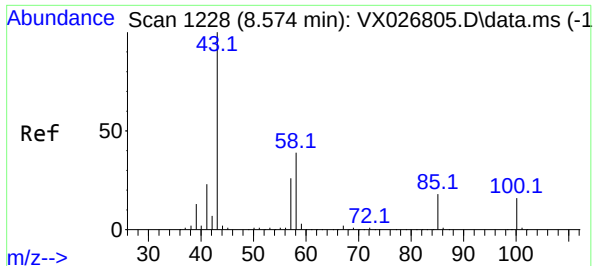
Tgt Ion:117 Resp: 12938
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.072 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Tgt Ion: 98 Resp: 244269
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

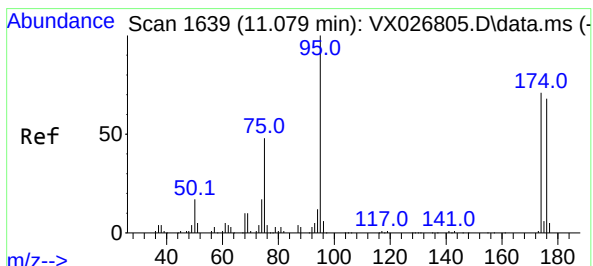
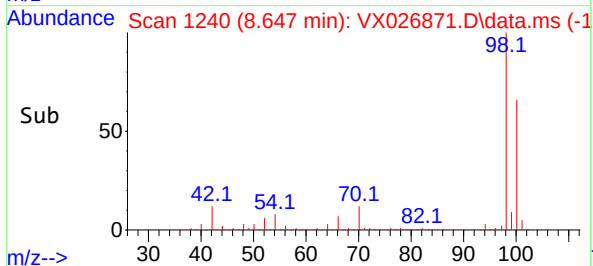
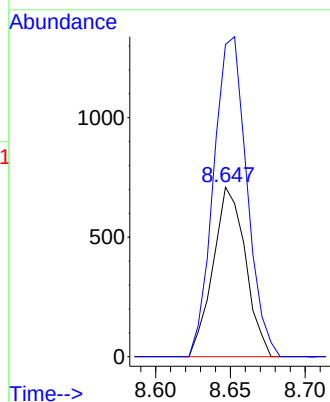
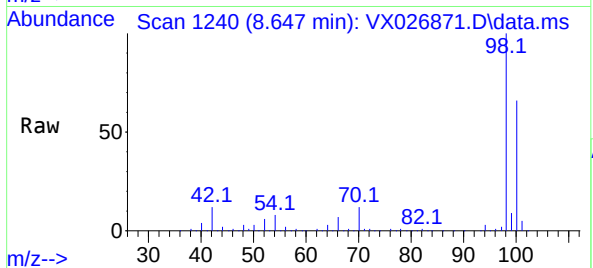




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

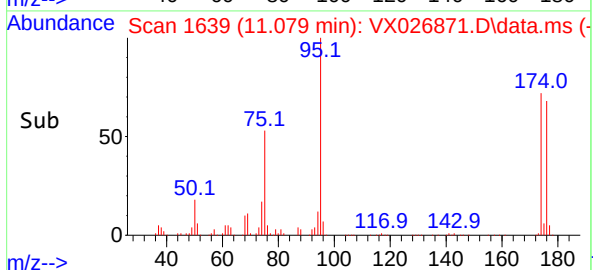
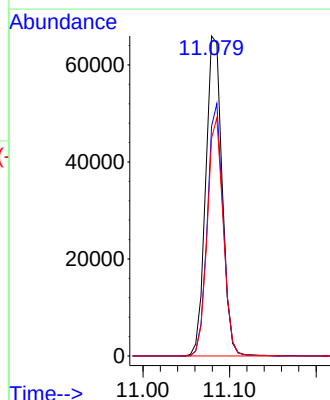
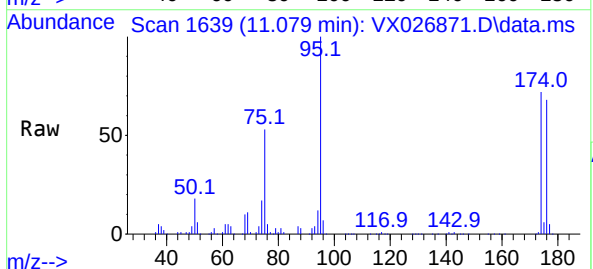
Instrument :
MSVOA_X
ClientSampleId :

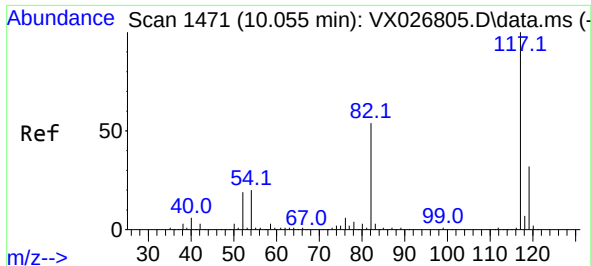
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 193.9 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 52.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

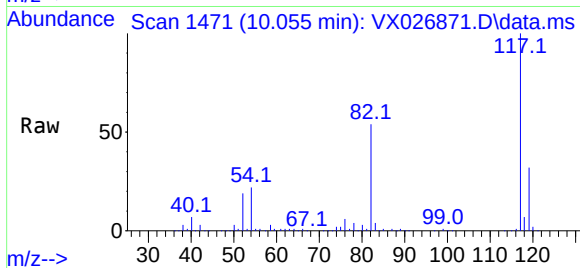
Tgt Ion: 95 Resp: 86674
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.6
176 72.4 0.0 141.4



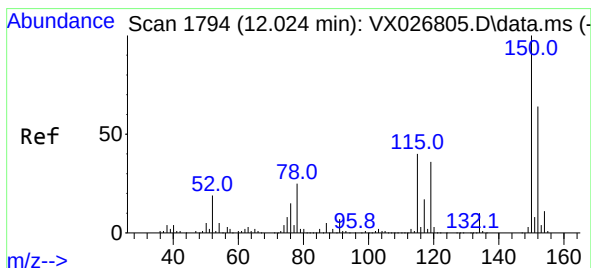
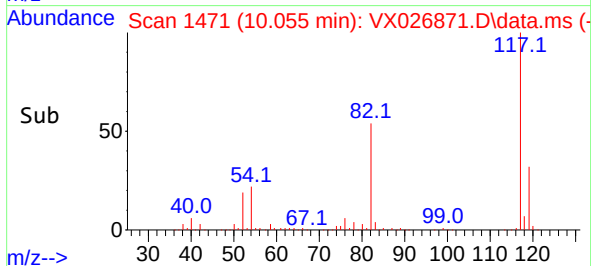
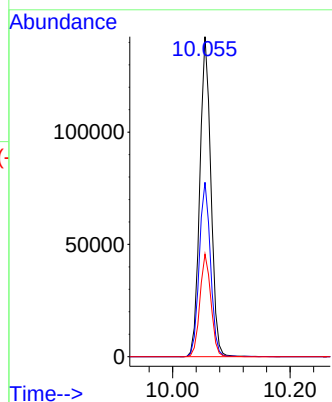


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

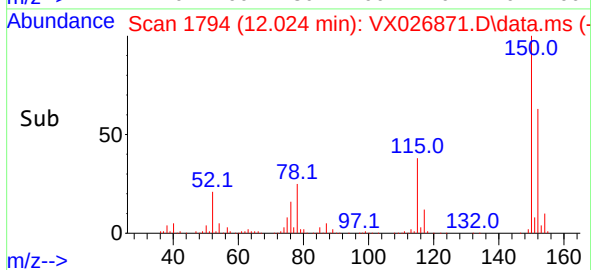
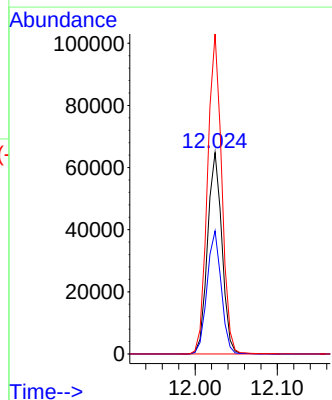
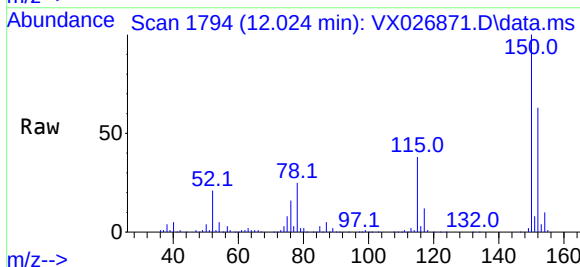


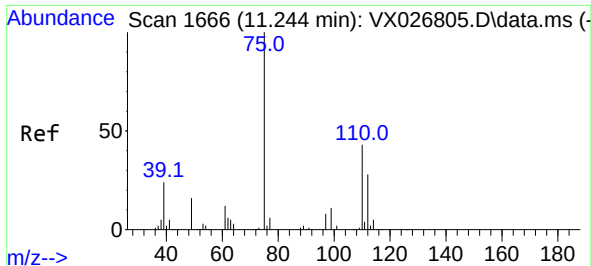
Tgt Ion:117 Resp: 185991
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Tgt Ion:152 Resp: 78597
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 157.3 0.0 348.2

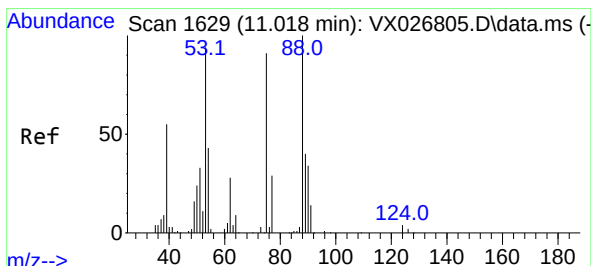
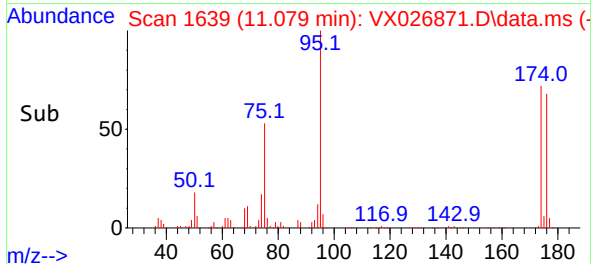
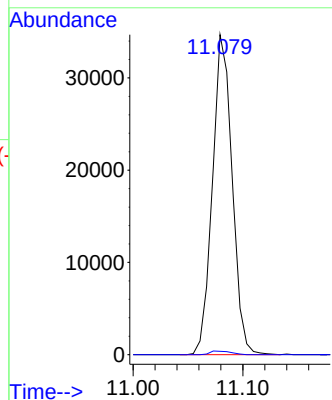
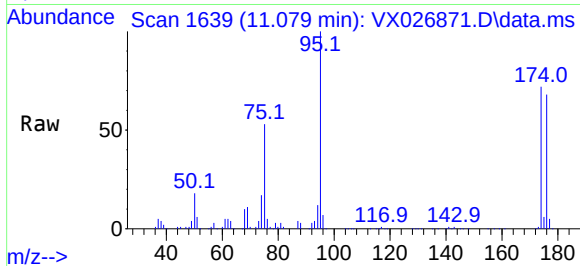




#76
1,2,3-Trichloropropane
Concen: 25.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43367
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026871.D
Acq: 09 Feb 2022 16:11

Tgt Ion: 75 Resp: 43367
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

