

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032656.D
 Acq On : 08 Nov 2022 16:03
 Operator : JC/MD
 Sample : N5415-15ME
 Misc : 5.07g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 17:33:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

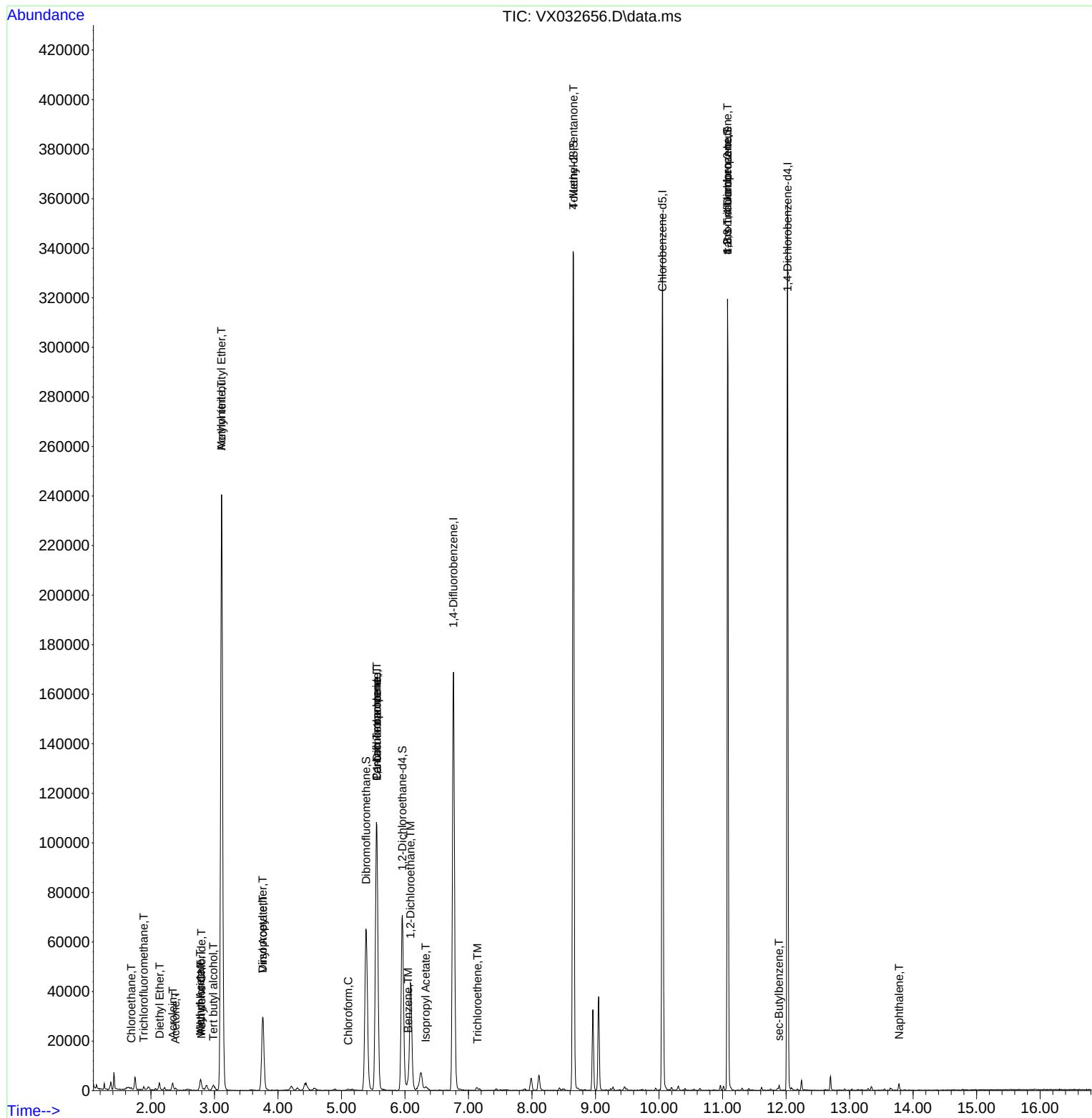
Internal Standards						
1) Pentafluorobenzene	5.556	168	101857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71193	50.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.600%	
35) Dibromofluoromethane	5.385	113	55987	46.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.700%	
50) Toluene-d8	8.653	98	203384	48.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.840%	
62) 4-Bromofluorobenzene	11.079	95	78490	47.835	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.680%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	411	0.560	ug/l #	86
7) Trichlorofluoromethane	1.886	101	826	0.399	ug/l	98
8) Diethyl Ether	2.136	74	375	0.559	ug/l	89
11) Tert butyl alcohol	2.983	59	3335	16.190	ug/l #	72
13) Acrolein	2.343	56	332	1.614	ug/l #	60
14) Allyl chloride	2.782	41	1343	0.825	ug/l #	64
15) Acrylonitrile	3.111	53	3135	5.608	ug/l #	28
16) Acetone	2.386	43	1114	2.166	ug/l	94
18) Methyl Acetate	2.776	43	3106	1.857	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	253928	70.728	ug/l	99
20) Methylene Chloride	2.794	84	410	0.348	ug/l #	55
22) Diisopropyl ether	3.757	45	30619	8.693	ug/l #	84
23) Vinyl Acetate	3.764	43	16646	5.850	ug/l #	72
30) Chloroform	5.105	83	621	0.279	ug/l #	70
36) 1,1-Dichloropropene	5.556	75	7893	4.692	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10629	5.697	ug/l #	15
40) Benzene	6.050	78	3335	0.701	ug/l	97
42) 1,2-Dichloroethane	6.086	62	49319	25.344	ug/l	100
43) Isopropyl Acetate	6.324	43	709	0.264	ug/l #	50
44) Trichloroethene	7.141	130	462	0.345	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	964	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43059	27.333	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43059	86.973	ug/l #	6
85) sec-Butylbenzene	11.890	105	1367	0.237	ug/l	82
95) Naphthalene	13.780	128	2146	0.386	ug/l	96

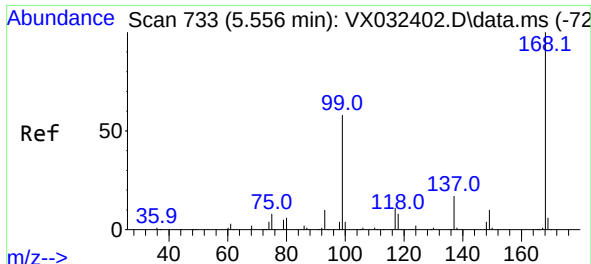
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032656.D
Acq On : 08 Nov 2022 16:03
Operator : JC/MD
Sample : N5415-15ME
Misc : 5.07g/10ml/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

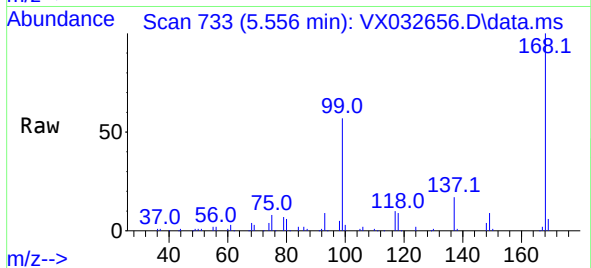
Quant Time: Nov 08 17:33:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



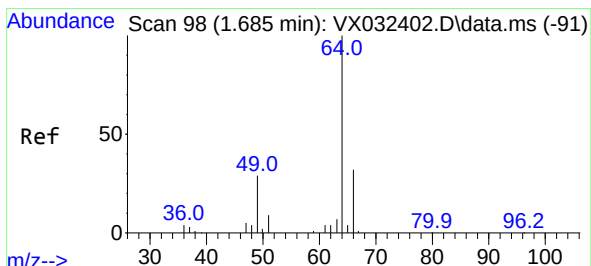
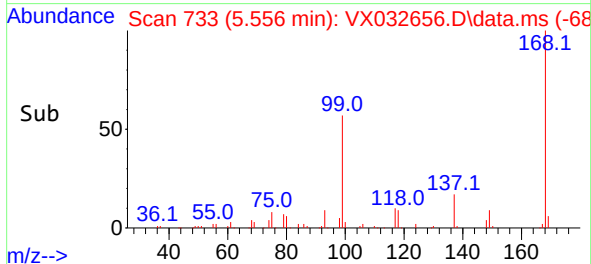
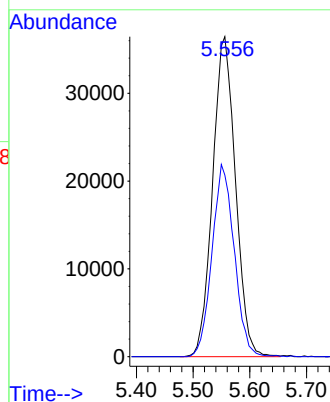


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :

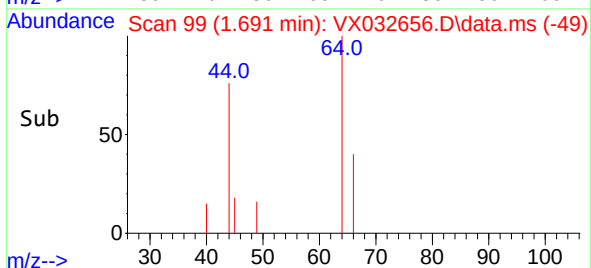
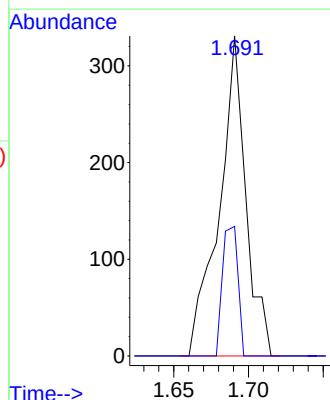
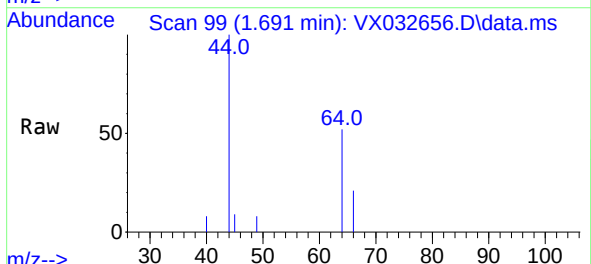


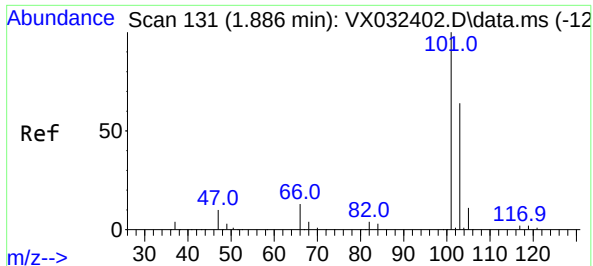
Tgt Ion:168 Resp: 101857
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#6
Chloroethane
Concen: 0.560 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 64 Resp: 411
Ion Ratio Lower Upper
64 100
66 40.5 26.0 39.0#

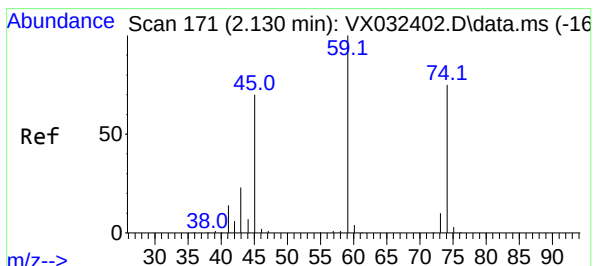
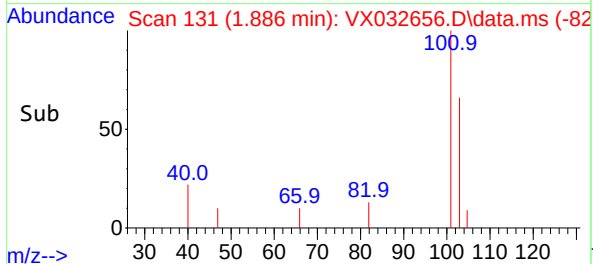
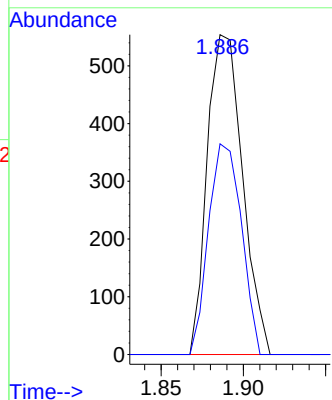
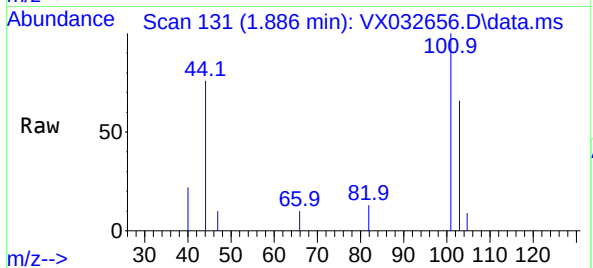




#7
Trichlorofluoromethane
Concen: 0.399 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

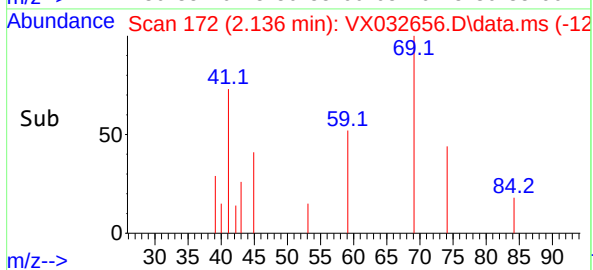
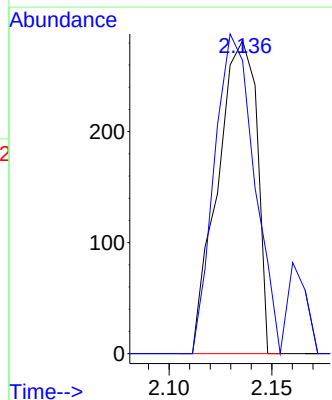
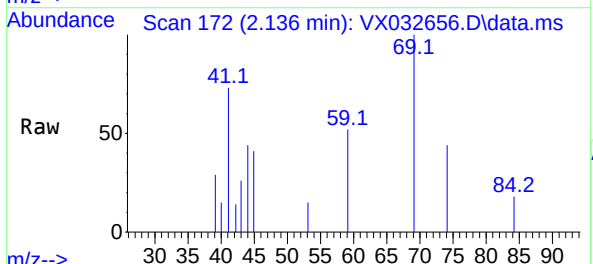
Instrument :
MSVOA_X
ClientSampleId :

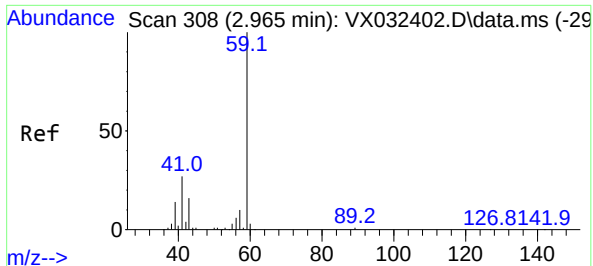
Tgt Ion:101 Resp: 826
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2



#8
Diethyl Ether
Concen: 0.559 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 74 Resp: 375
Ion Ratio Lower Upper
74 100
45 104.0 46.6 139.7

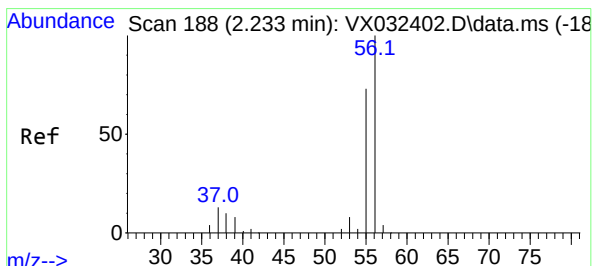
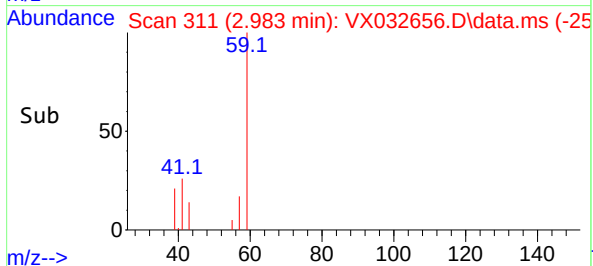
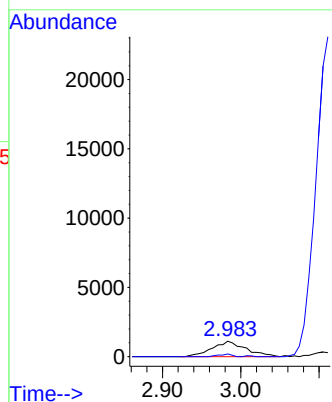
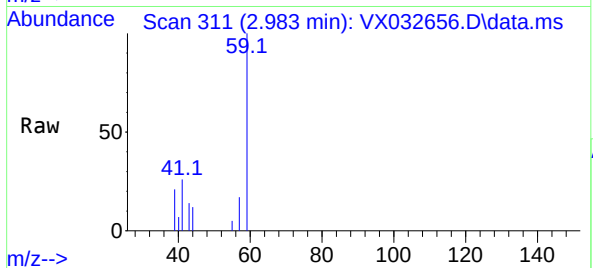




#11
Tert butyl alcohol
Concen: 16.190 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

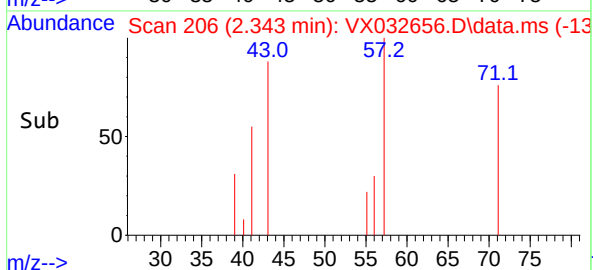
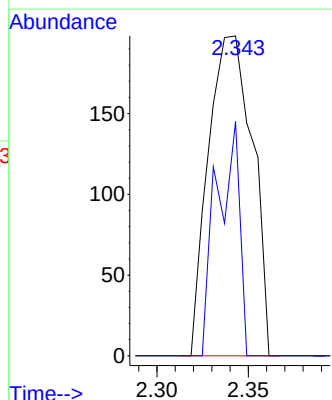
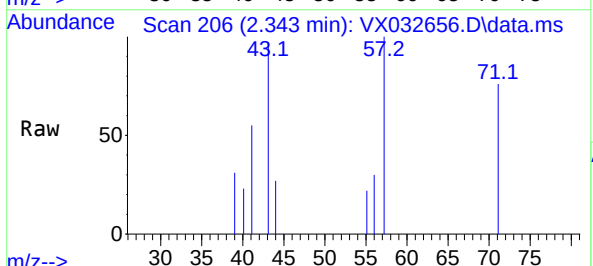
Instrument :
MSVOA_X
ClientSampleId :

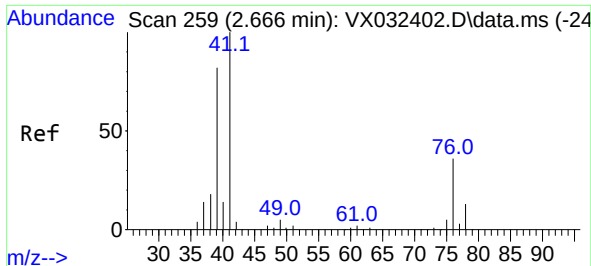
Tgt Ion: 59 Resp: 3335
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.614 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.110 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

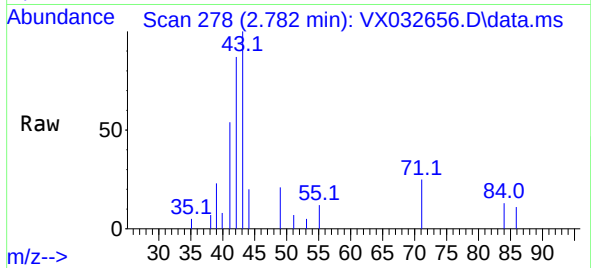
Tgt Ion: 56 Resp: 332
Ion Ratio Lower Upper
56 100
55 38.0 56.9 85.3#



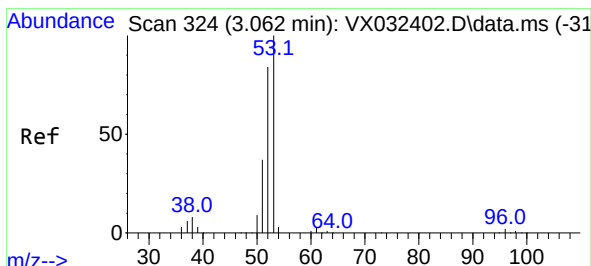
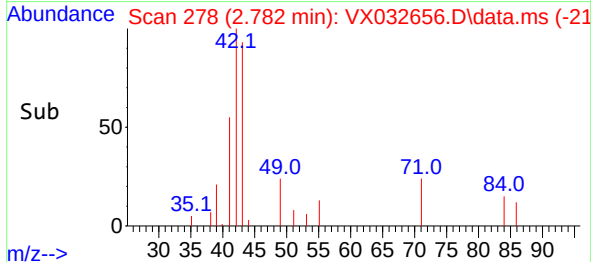
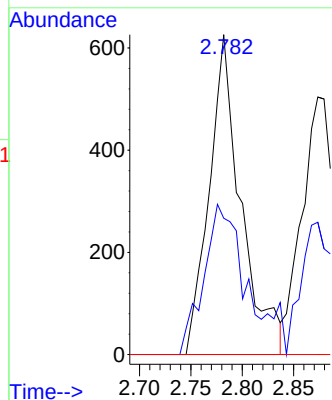


#14
 Allyl chloride
 Concen: 0.825 ug/l
 RT: 2.782 min Scan# 21
 Delta R.T. 0.116 min
 Lab File: VX032656.D
 Acq: 08 Nov 2022 16:03

Instrument :
 MSVOA_X
 ClientSampleId :

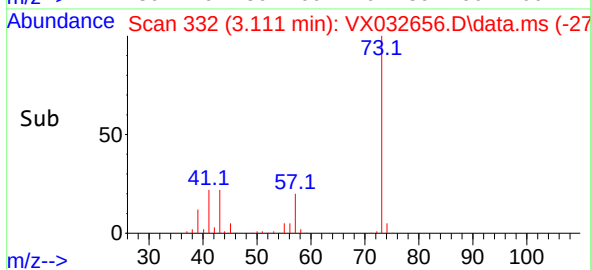
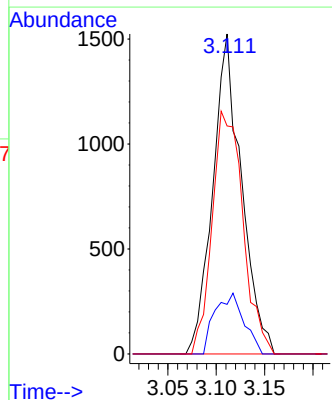
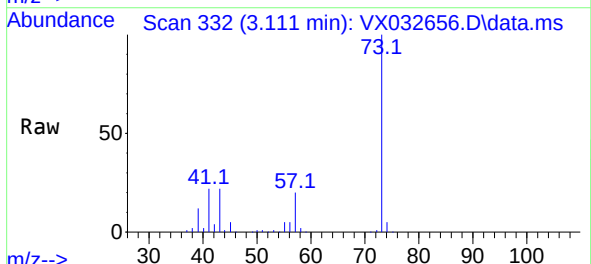


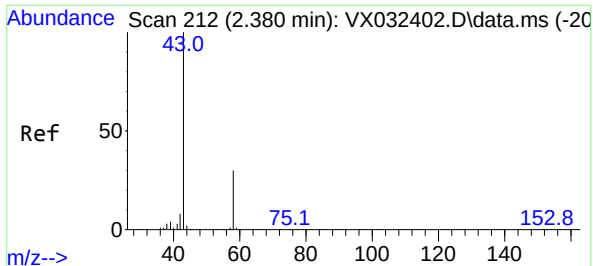
Tgt Ion: 41 Resp: 1343
 Ion Ratio Lower Upper
 41 100
 39 56.9 61.4 92.2#
 76 0.0 29.2 43.8#



#15
 Acrylonitrile
 Concen: 5.608 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.049 min
 Lab File: VX032656.D
 Acq: 08 Nov 2022 16:03

Tgt Ion: 53 Resp: 3135
 Ion Ratio Lower Upper
 53 100
 52 19.2 67.4 101.0#
 51 81.5 30.3 45.5#

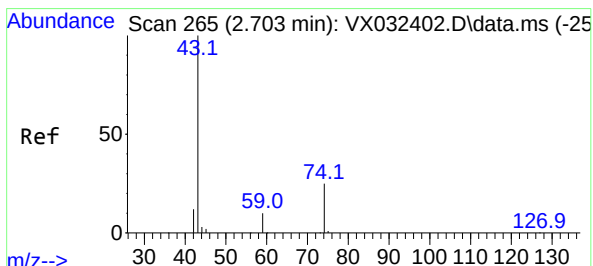
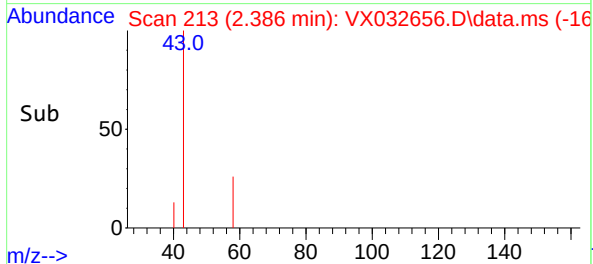
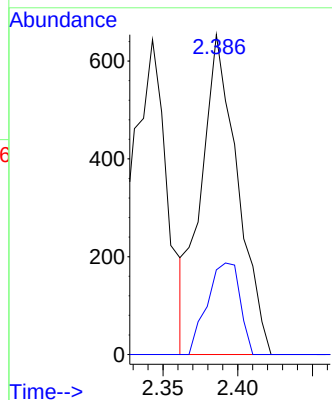
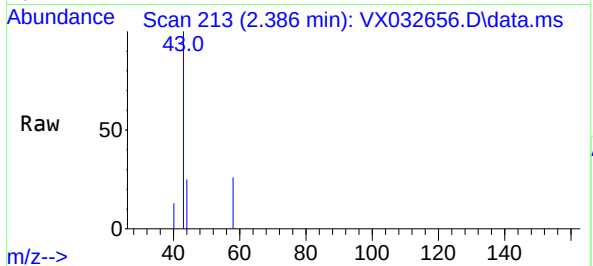




#16
Acetone
Concen: 2.166 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

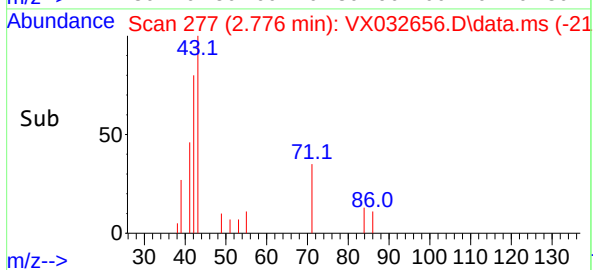
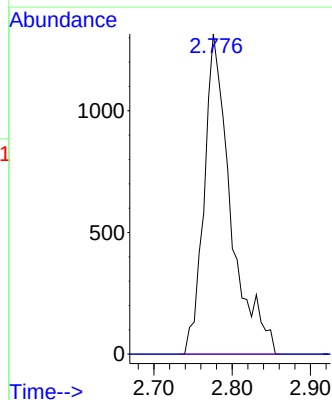
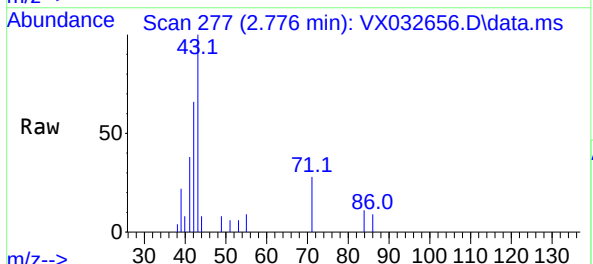
Instrument :
MSVOA_X
ClientSampleId :

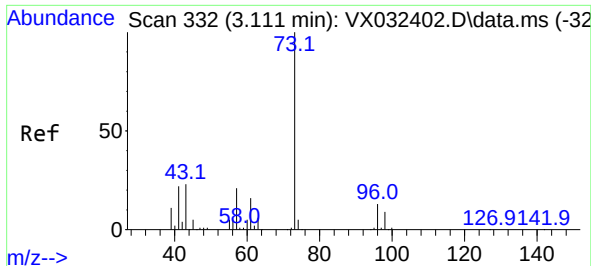
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 26.5 23.8 35.8



#18
Methyl Acetate
Concen: 1.857 ug/l
RT: 2.776 min Scan# 277
Delta R.T. 0.073 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

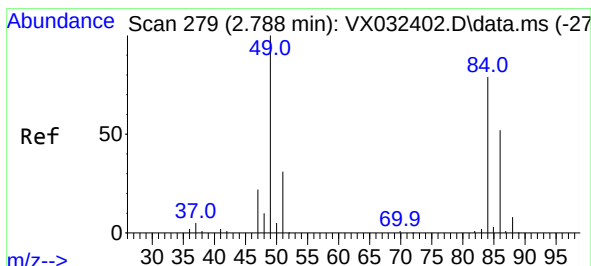
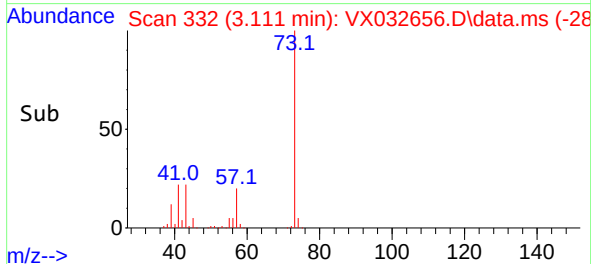
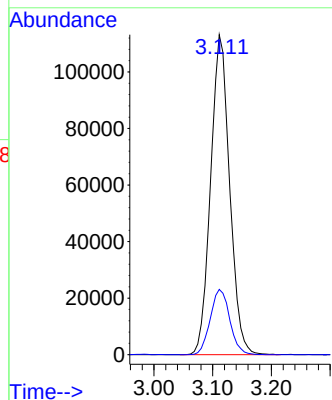
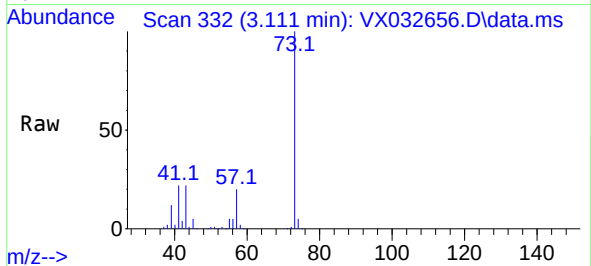




#19
Methyl tert-butyl Ether
Concen: 70.728 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

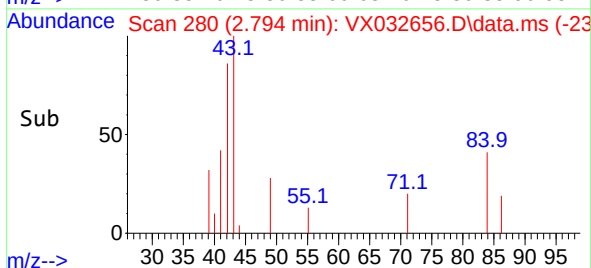
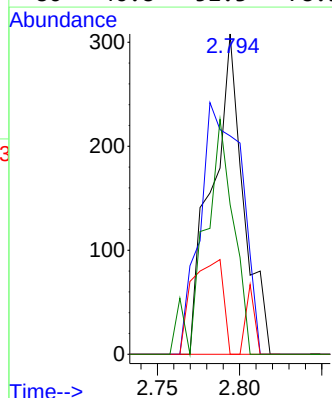
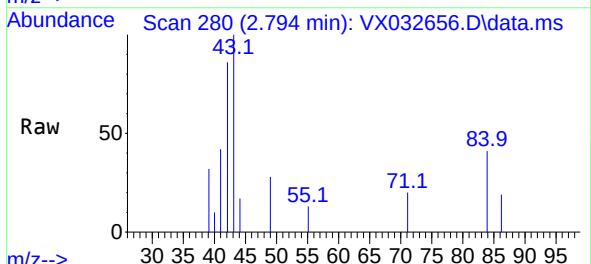
Instrument :
MSVOA_X
ClientSampleId :

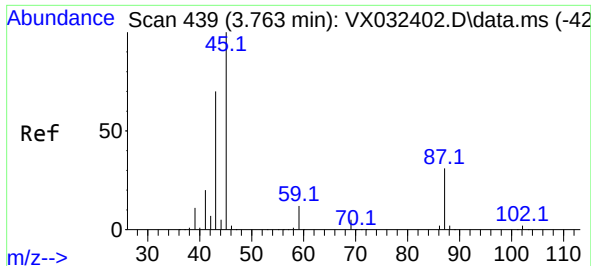
Tgt Ion: 73 Resp: 253928
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

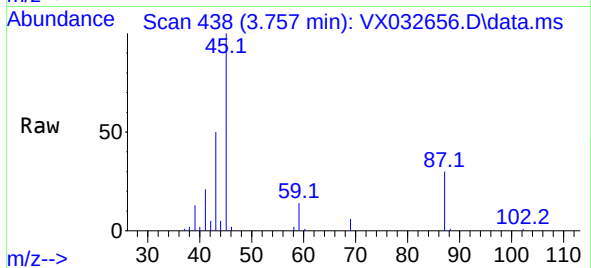
Tgt Ion: 84 Resp: 410
Ion Ratio Lower Upper
84 100
49 68.2 101.0 151.6#
51 0.0 31.1 46.7#
86 46.8 52.3 78.5#



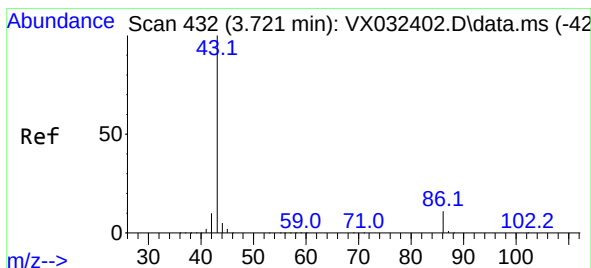
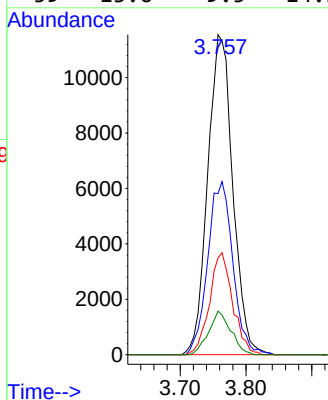
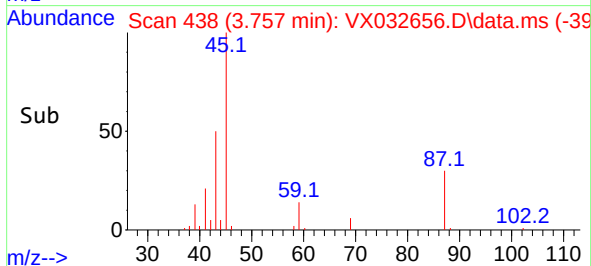


#22
Diisopropyl ether
Concen: 8.693 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :

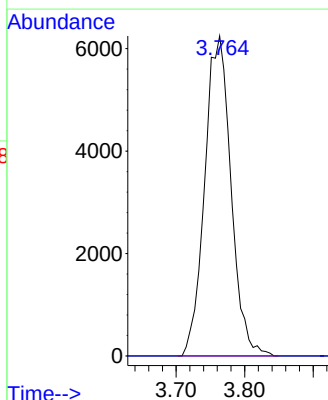
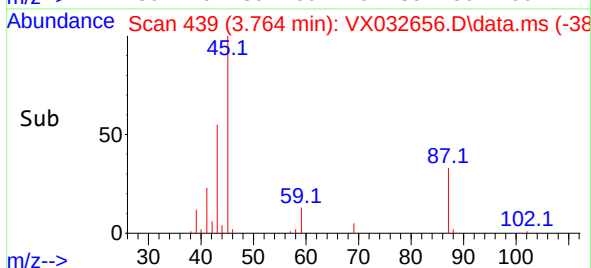
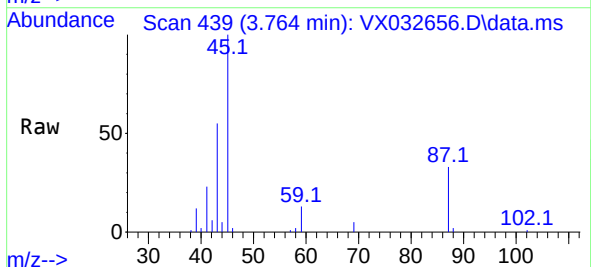


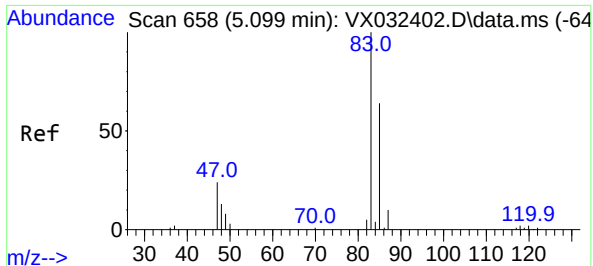
Tgt Ion:	45	Resp:	30619
Ion	Ratio	Lower	Upper
45	100		
43	50.3	56.4	84.6#
87	30.3	24.4	36.6
59	13.6	9.5	14.3



#23
Vinyl Acetate
Concen: 5.850 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion:	43	Resp:	16646
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#





#30

Chloroform

Concen: 0.279 ug/l

RT: 5.105 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX032656.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_X

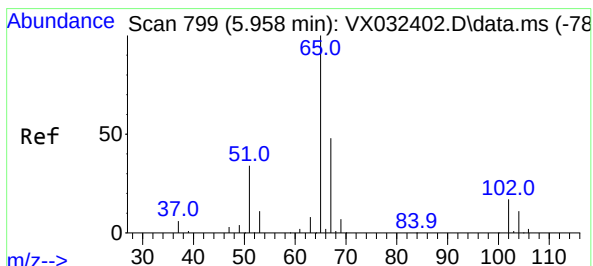
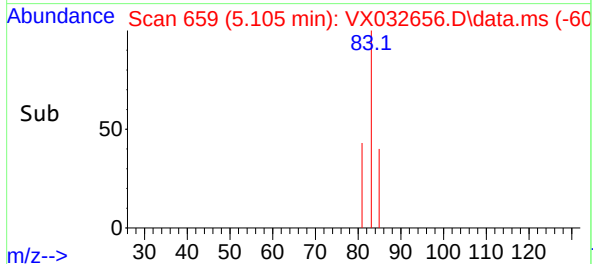
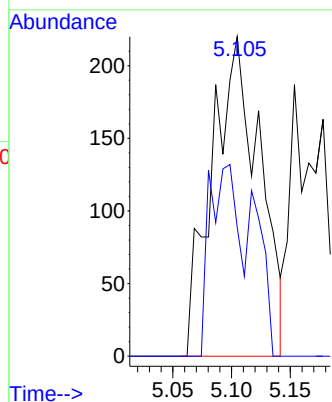
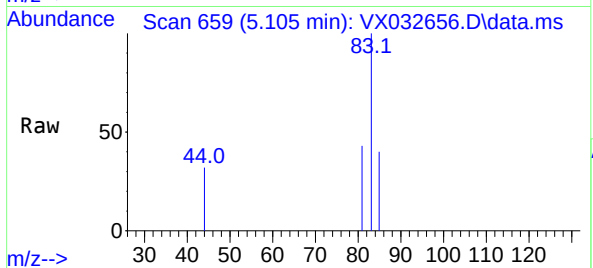
ClientSampleId :

Tgt Ion: 83 Resp: 621

Ion Ratio Lower Upper

83 100

85 40.5 51.1 76.7#



#33

1,2-Dichloroethane-d4

Concen: 50.303 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032656.D

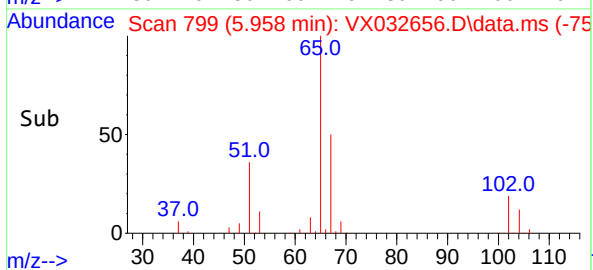
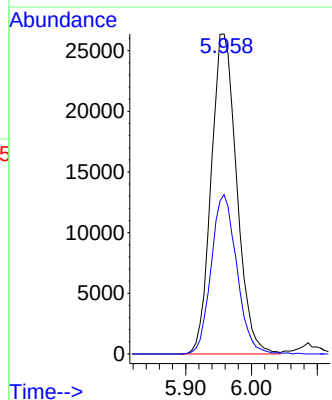
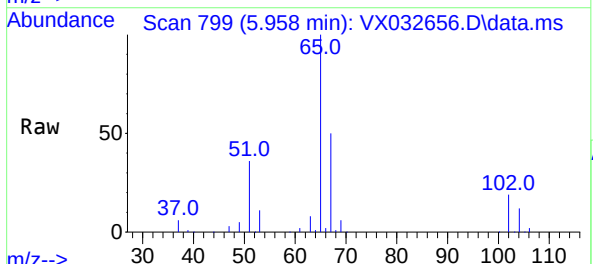
Acq: 08 Nov 2022 16:03

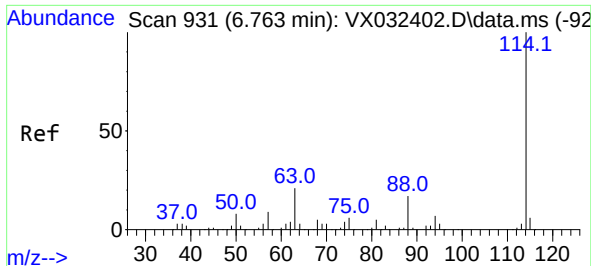
Tgt Ion: 65 Resp: 71193

Ion Ratio Lower Upper

65 100

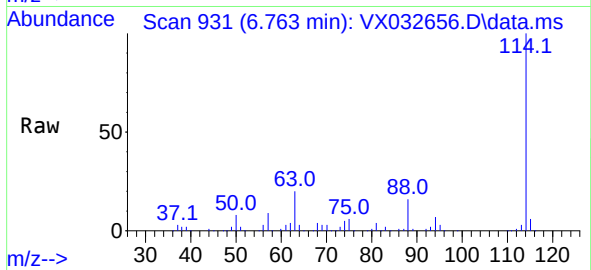
67 50.0 0.0 101.8



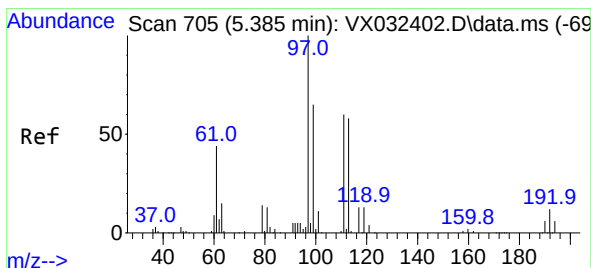
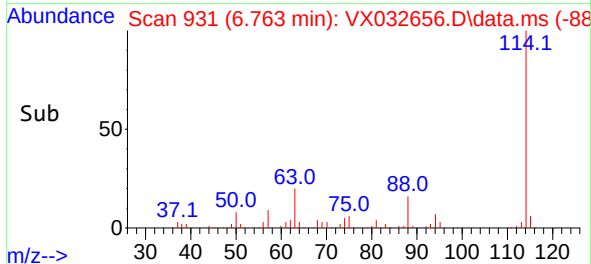
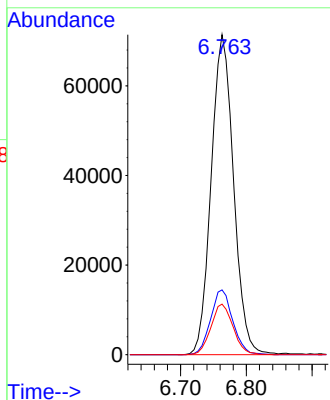


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :

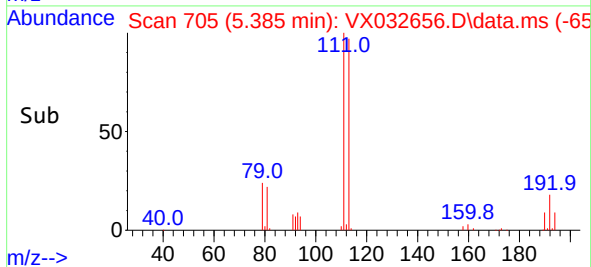
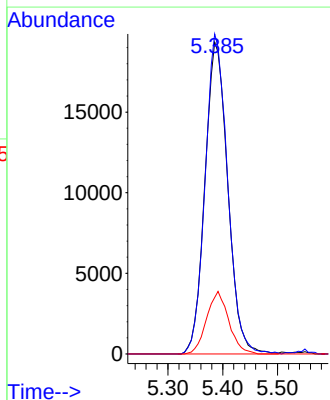
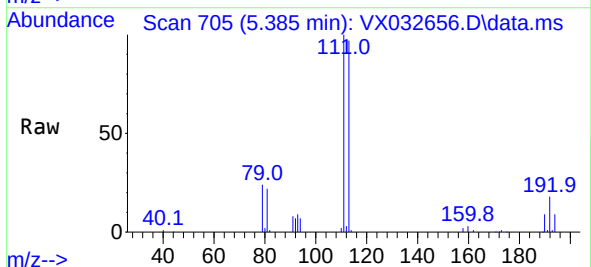


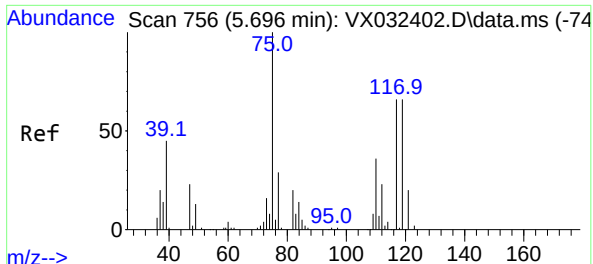
Tgt Ion:114 Resp: 169354
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.346 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

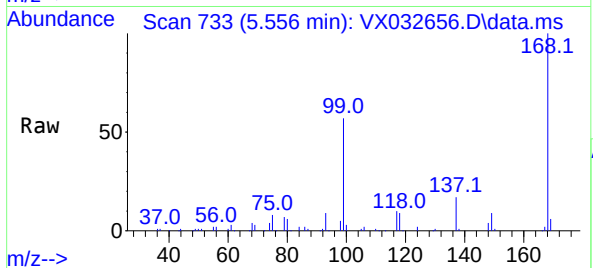
Tgt Ion:113 Resp: 55987
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 19.5 15.4 23.2



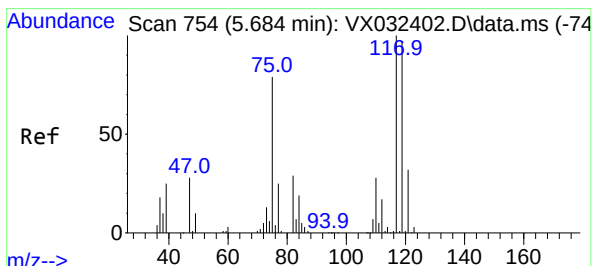
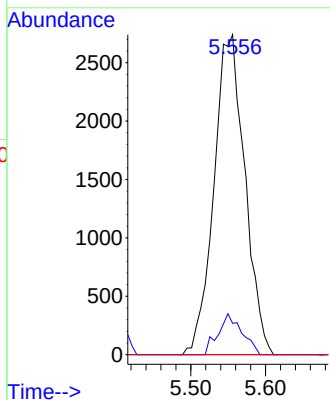
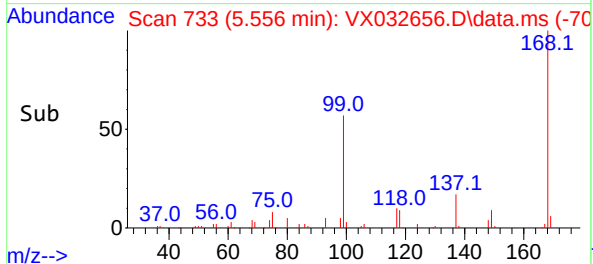


#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

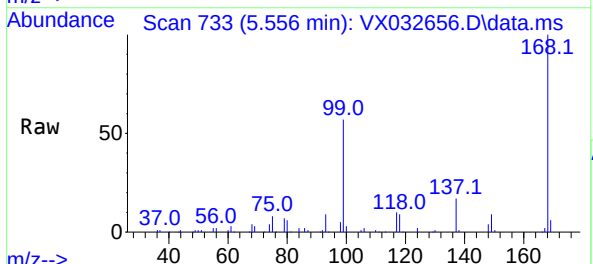
Instrument :
MSVOA_X
ClientSampleId :



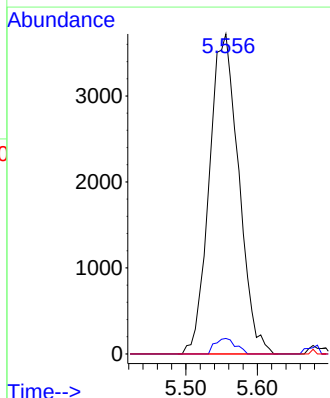
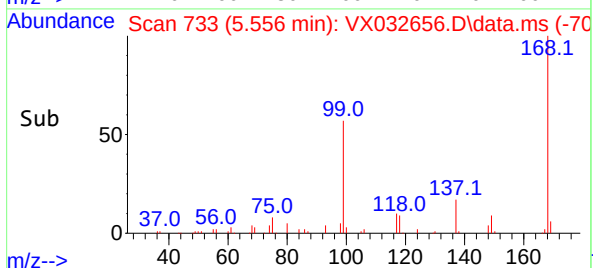
Tgt Ion: 75 Resp: 7893
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#

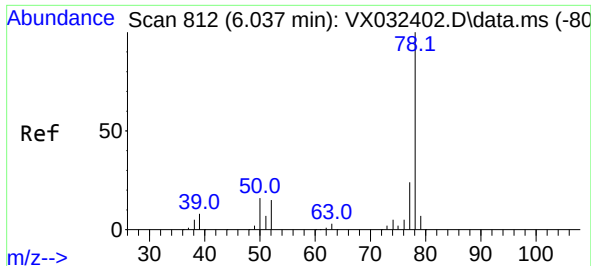


#38
Carbon Tetrachloride
Concen: 5.697 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03



Tgt Ion: 117 Resp: 10629
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#

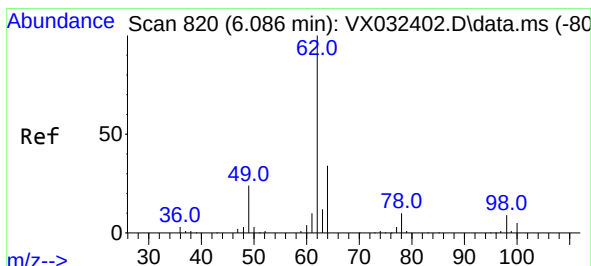
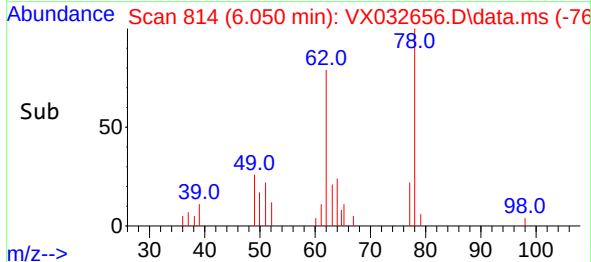
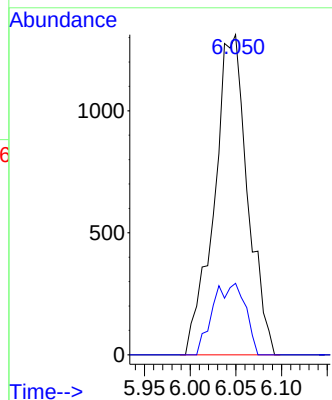
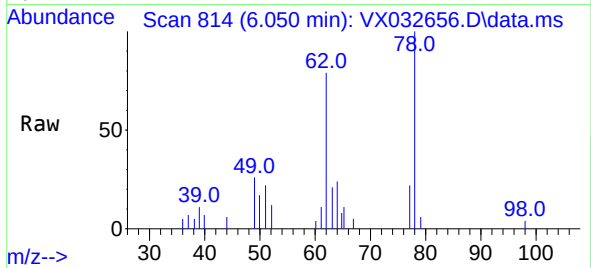




#40
Benzene
Concen: 0.701 ug/l
RT: 6.050 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

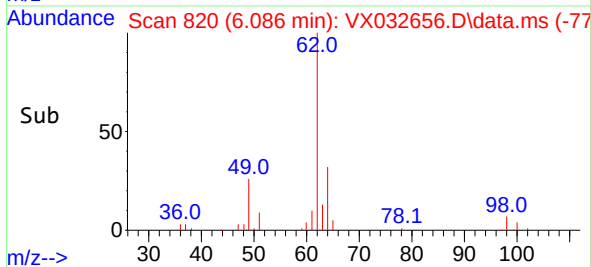
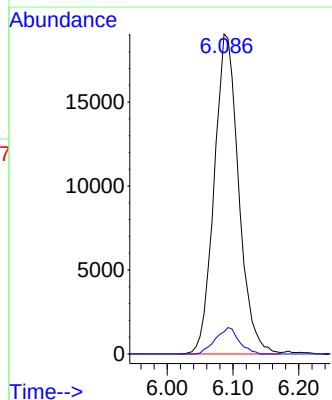
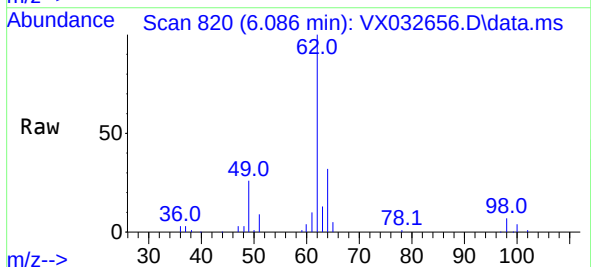
Instrument :
MSVOA_X
ClientSampleId :

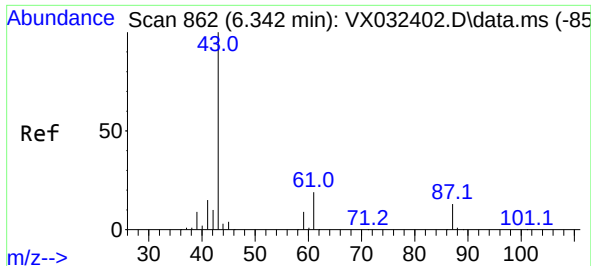
Tgt Ion: 78 Resp: 3335
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.4



#42
1,2-Dichloroethane
Concen: 25.344 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

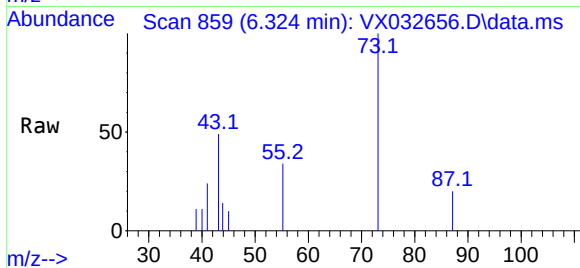
Tgt Ion: 62 Resp: 49319
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0



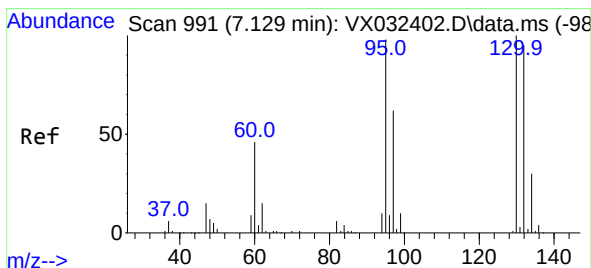
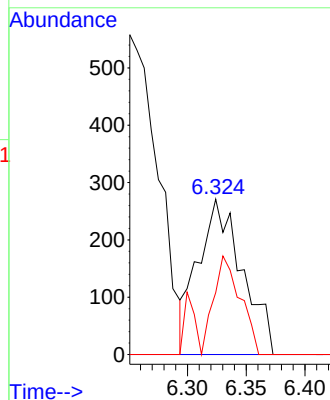
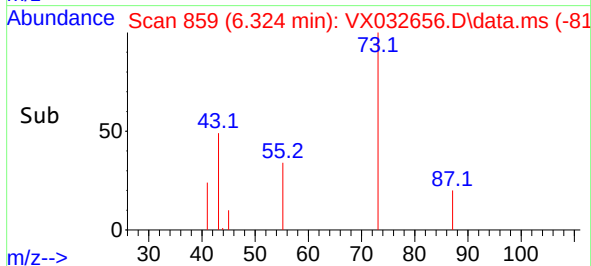


#43
Isopropyl Acetate
Concen: 0.264 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :

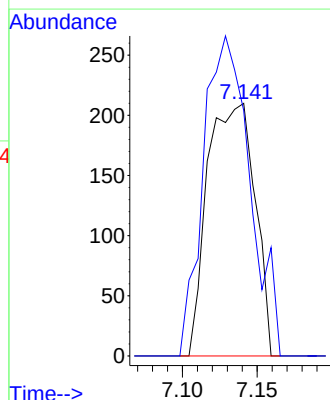
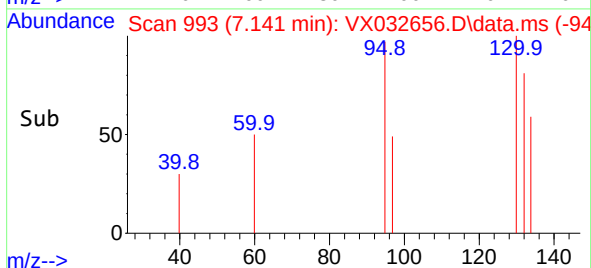
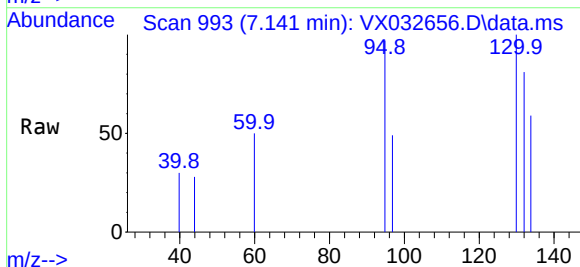


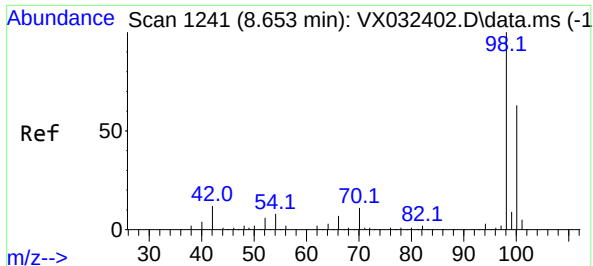
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 38.2 10.8 16.2#



#44
Trichloroethene
Concen: 0.345 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion:130 Resp: 462
Ion Ratio Lower Upper
130 100
95 97.1 0.0 195.2





#50

Toluene-d8

Concen: 48.418 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX032656.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_X

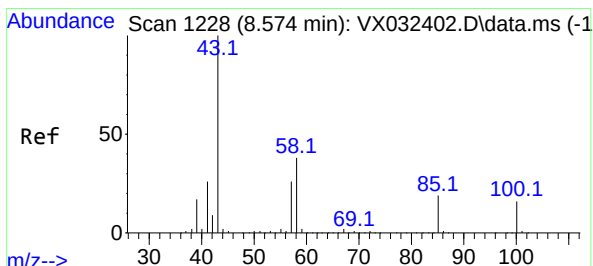
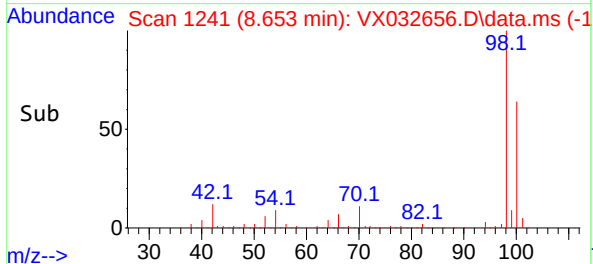
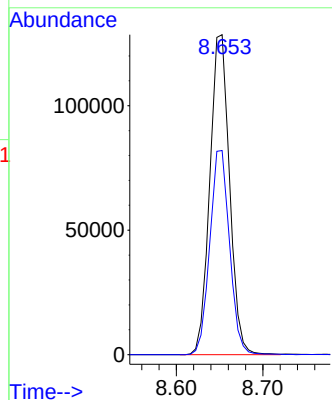
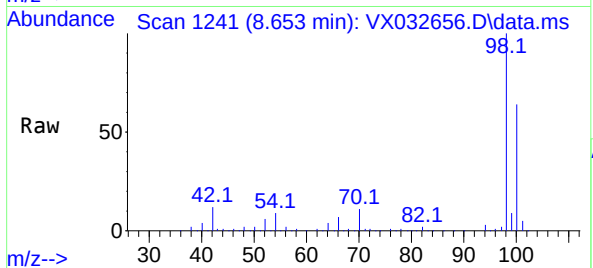
ClientSampleId :

Tgt Ion: 98 Resp: 203384

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.569 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032656.D

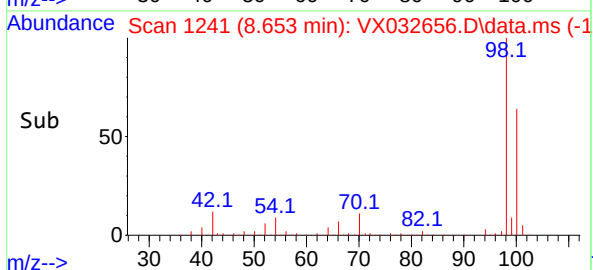
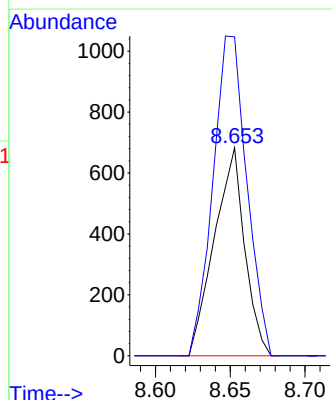
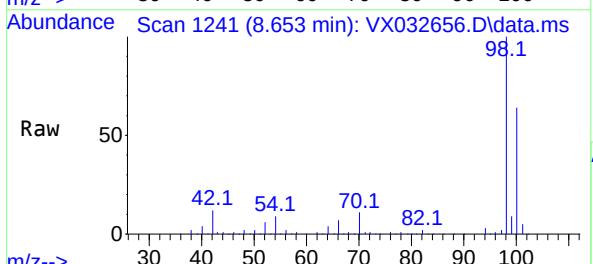
Acq: 08 Nov 2022 16:03

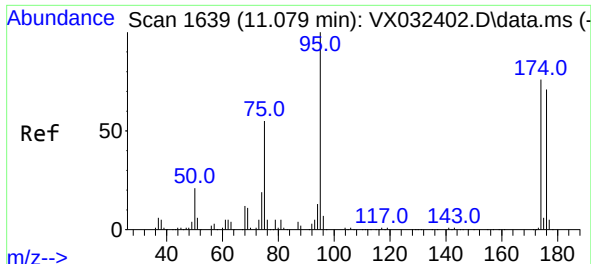
Tgt Ion: 43 Resp: 964

Ion Ratio Lower Upper

43 100

58 171.5 30.9 46.3#

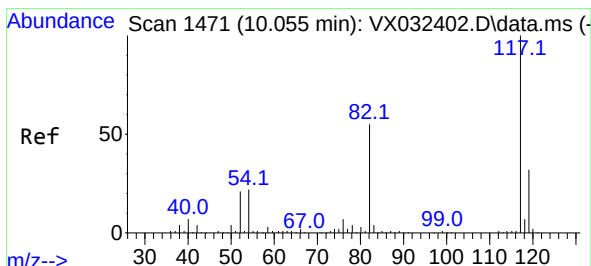
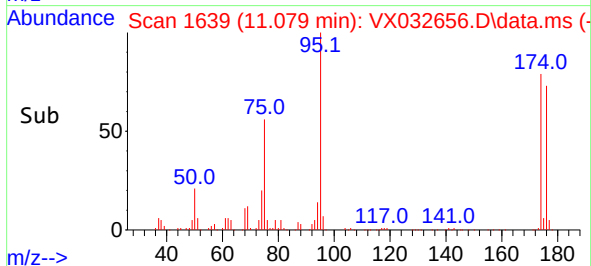
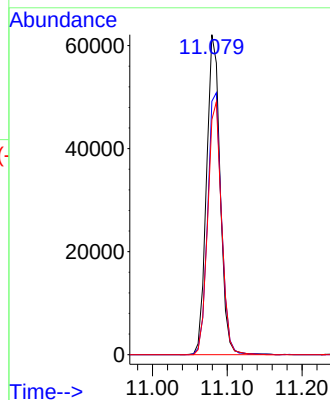
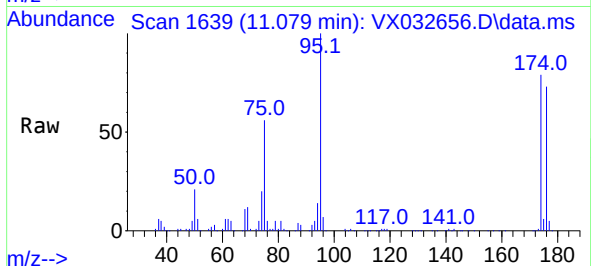




#62
4-Bromofluorobenzene
Concen: 47.835 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

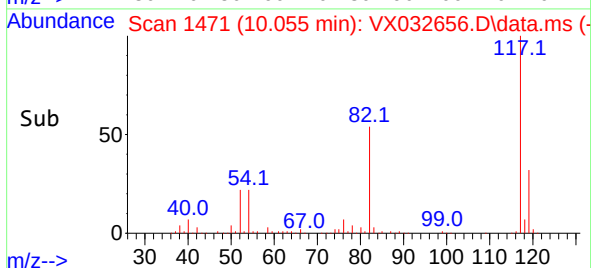
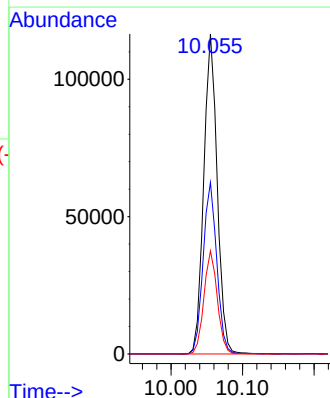
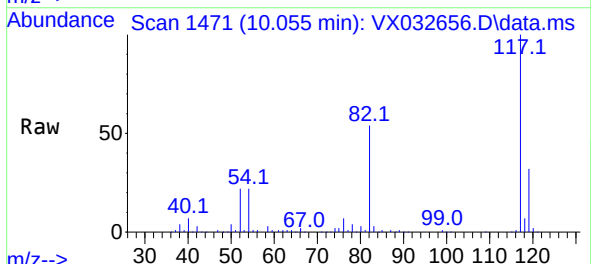
Instrument :
MSVOA_X
ClientSampleId :

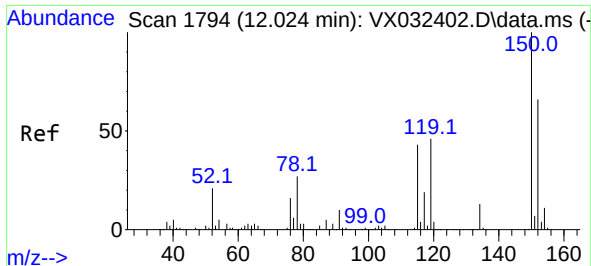
Tgt Ion: 95 Resp: 78490
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 80.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

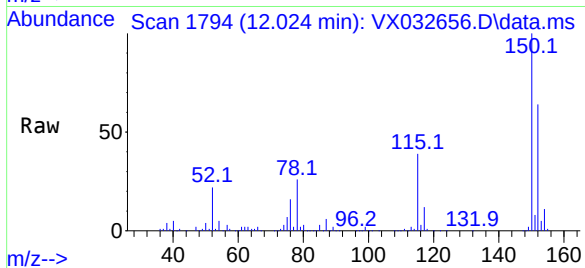
Tgt Ion: 117 Resp: 152490
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.2 25.7 38.5



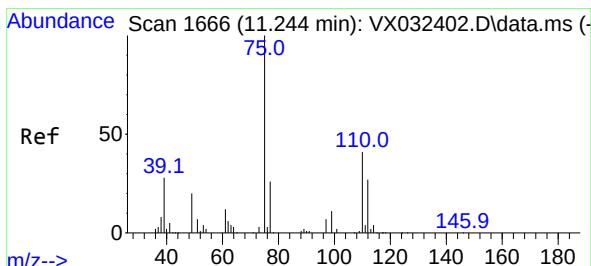
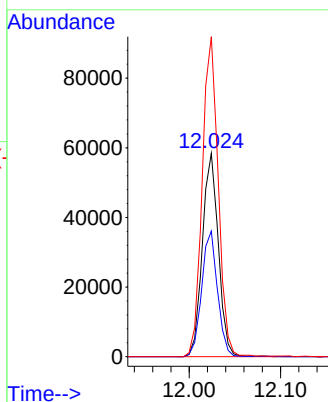
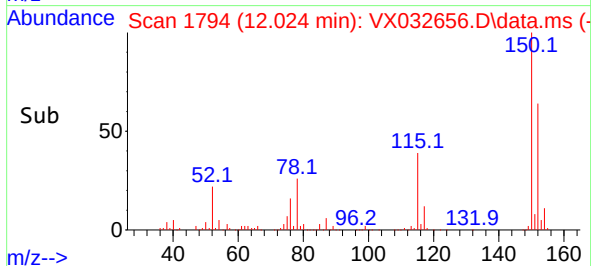


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

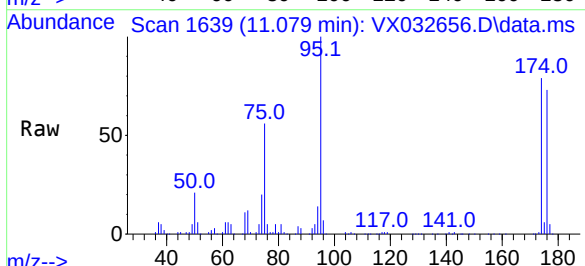
Instrument :
MSVOA_X
ClientSampleId :



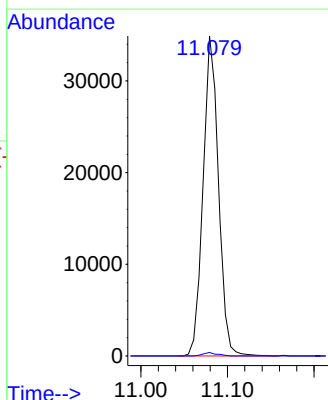
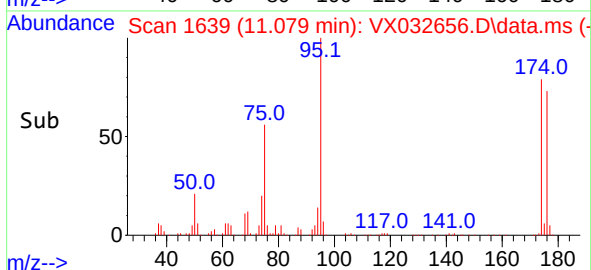
Tgt Ion:152 Resp: 70811
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 158.1 0.0 351.8

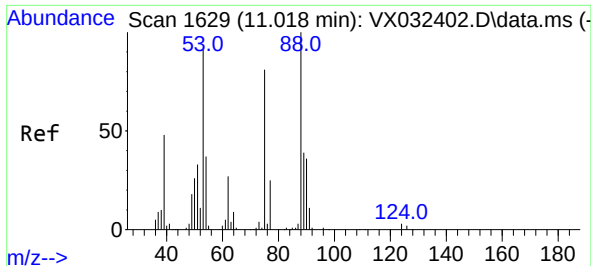


#76
1,2,3-Trichloropropane
Concen: 27.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03



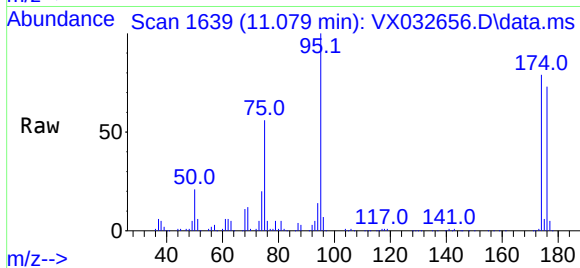
Tgt Ion: 75 Resp: 43059
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



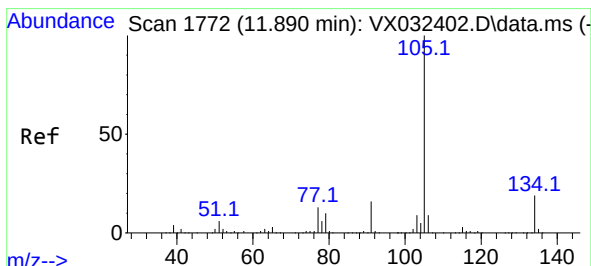
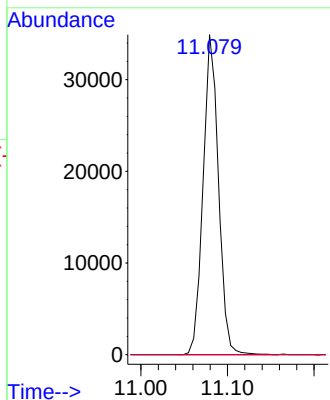
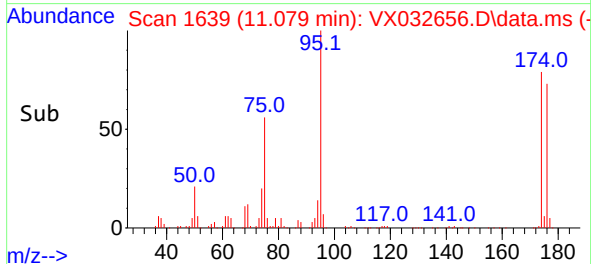


#81
trans-1,4-Dichloro-2-butene
Concen: 86.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :

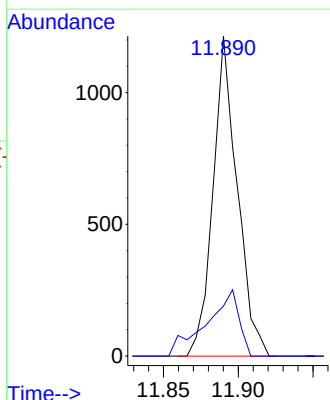
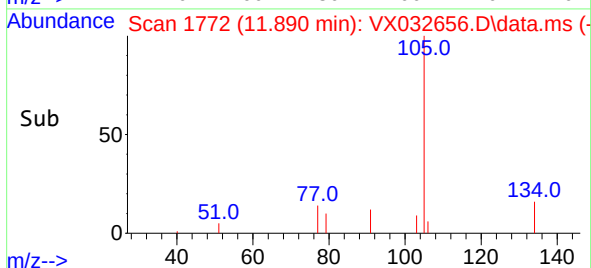
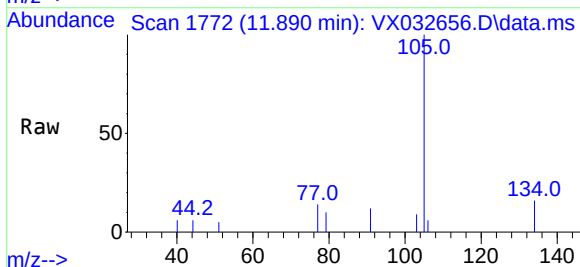


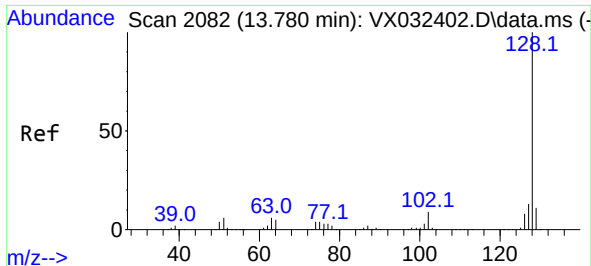
Tgt Ion: 75 Resp: 43059
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#85
sec-Butylbenzene
Concen: 0.237 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

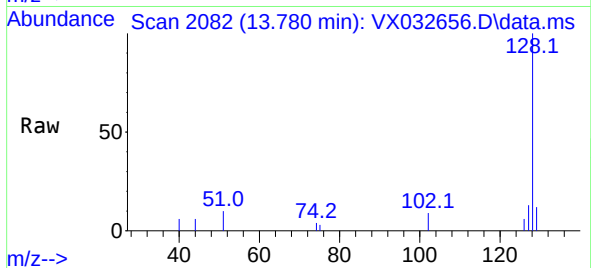
Tgt Ion: 105 Resp: 1367
Ion Ratio Lower Upper
105 100
134 27.9 9.9 29.7





#95
Naphthalene
Concen: 0.386 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	2146
Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.2	15.4
129	10.2	8.9	13.3

