

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026703.D
 Acq On : 01 Feb 2022 13:48
 Operator : JC/MD
 Sample : N1325-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEX-2

Quant Time: Feb 02 04:35:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

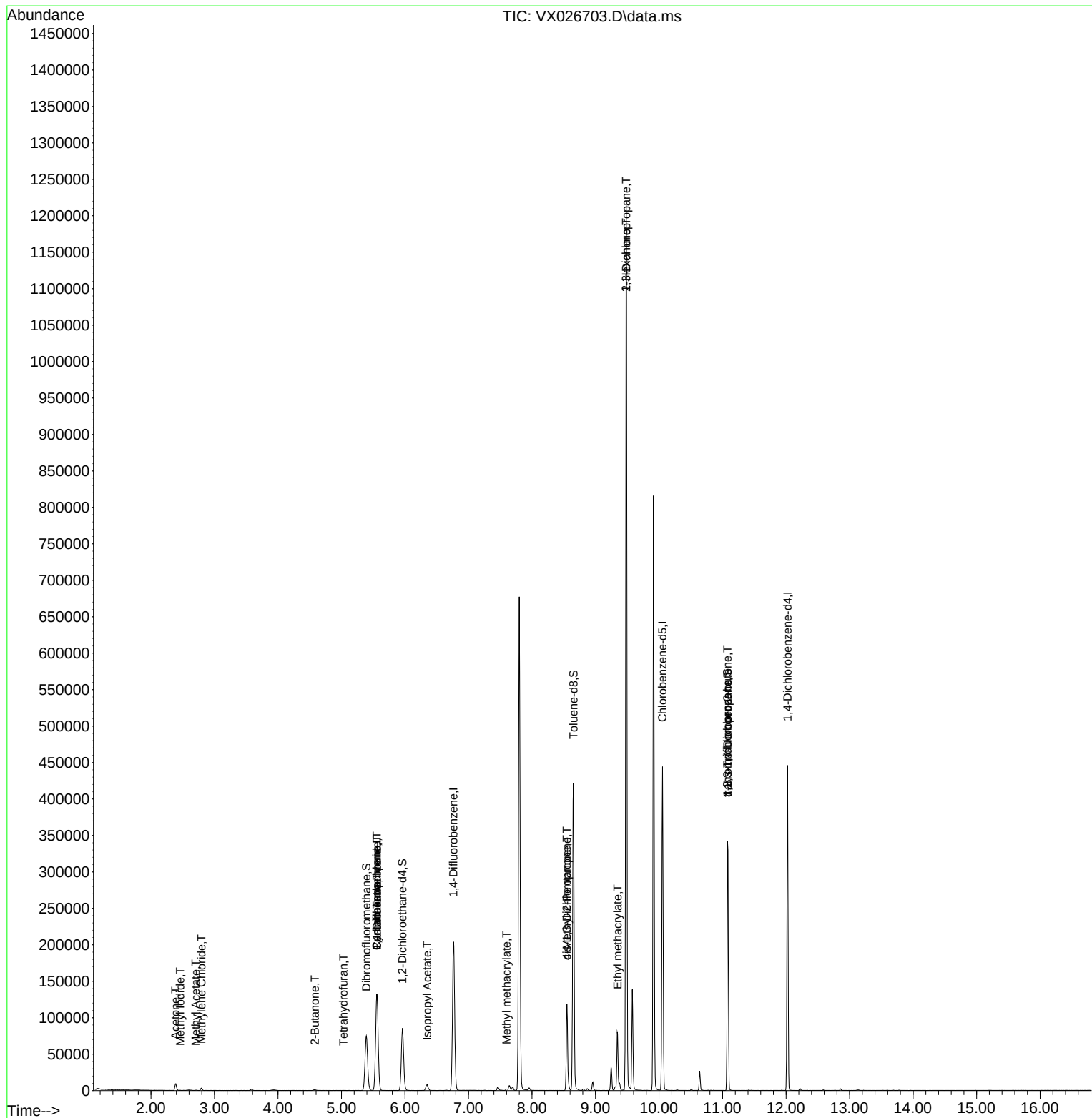
Internal Standards						
1) Pentafluorobenzene	5.556	168	125842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80916	46.029	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.060%
35) Dibromofluoromethane	5.391	113	65907	47.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.653	98	250683	50.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.180%
62) 4-Bromofluorobenzene	11.079	95	95020	53.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.960%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	316	4.640	ug/l #	60
16) Acetone	2.386	43	10876	12.132	ug/l	98
18) Methyl Acetate	2.703	43	681	0.382	ug/l #	66
20) Methylene Chloride	2.794	84	1524	1.029	ug/l	95
25) 2-Butanone	4.580	43	2226	1.909	ug/l	97
29) Tetrahydrofuran	5.031	42	210	0.303	ug/l #	34
31) Cyclohexane	5.556	56	2570	0.991	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9498	4.375	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13283	5.949	ug/l #	16
43) Isopropyl Acetate	6.348	43	11068	3.120	ug/l	99
48) Methyl methacrylate	7.598	41	3321	1.889	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	40405	19.204	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	18096	7.898	ug/l #	60
56) Ethyl methacrylate	9.348	69	444	0.202	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	10719	4.306	ug/l #	43
59) 2-Hexanone	9.482	43	148305	92.094	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	47062	24.180	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47062	73.661	ug/l #	3

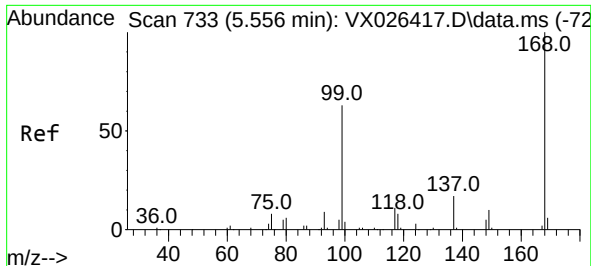
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 04:35:17 2022
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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

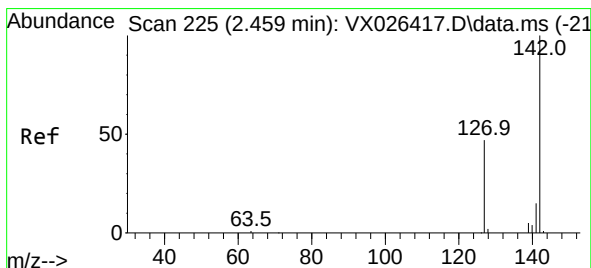
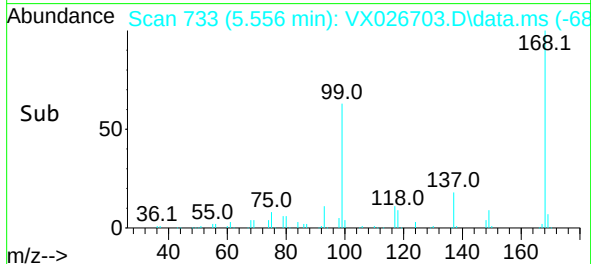
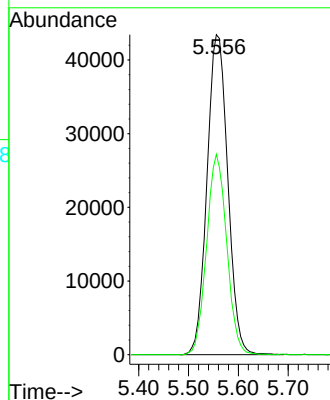
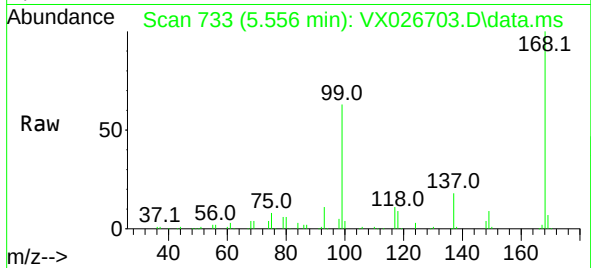




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

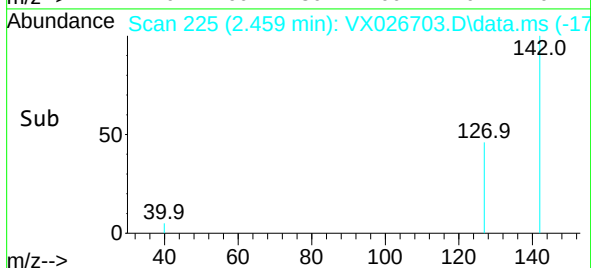
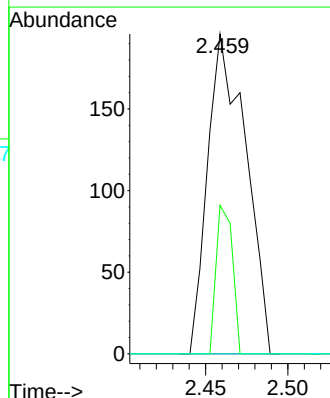
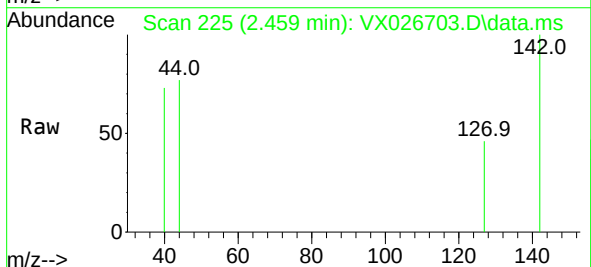
Instrument :
MSVOA_X
ClientSampleId :
TEX-2

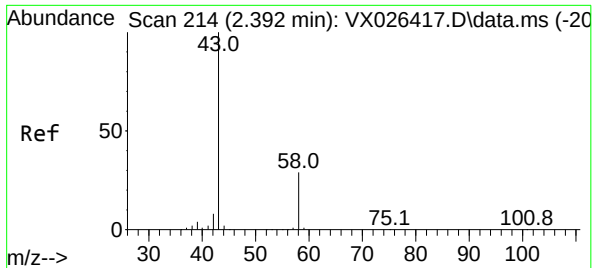
Tgt Ion:168 Resp: 125842
Ion Ratio Lower Upper
168 100
99 62.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.640 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

Tgt Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
127 19.9 38.1 57.1#
141 0.0 11.2 16.8#

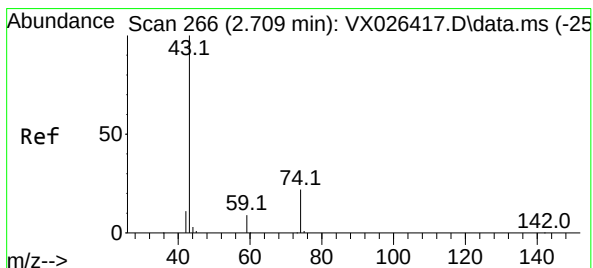
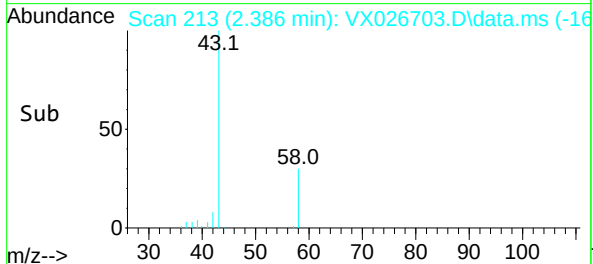
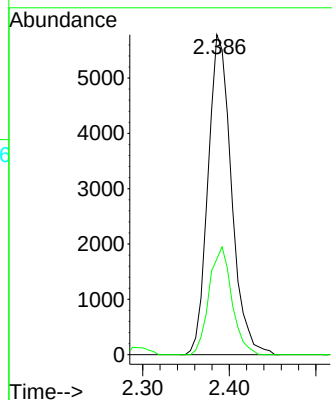
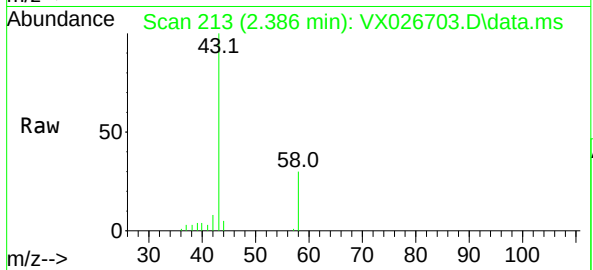




#16
Acetone
Concen: 12.132 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

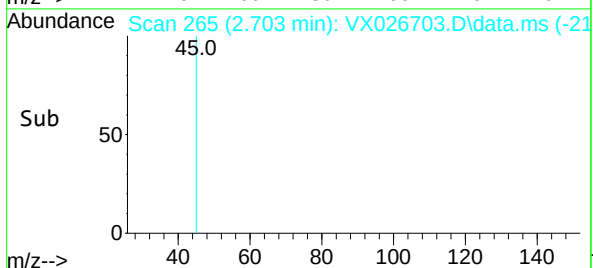
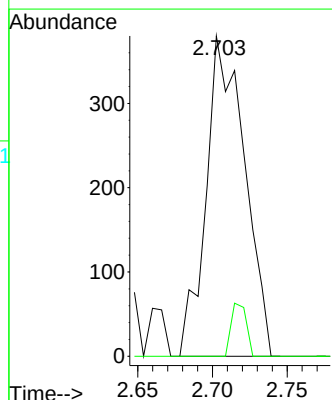
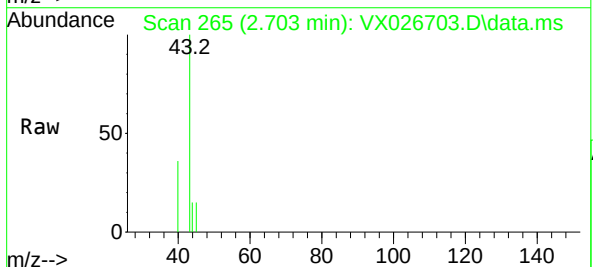
Instrument :
MSVOA_X
ClientSampleId :
TEX-2

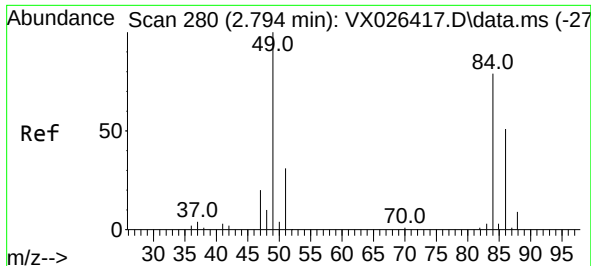
Tgt Ion: 43 Resp: 10876
Ion Ratio Lower Upper
43 100
58 29.9 23.0 34.6



#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
74 6.5 18.3 27.5#





#20

Methylene Chloride

Concen: 1.029 ug/l

RT: 2.794 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

TEX-2

Tgt Ion: 84 Resp: 1524

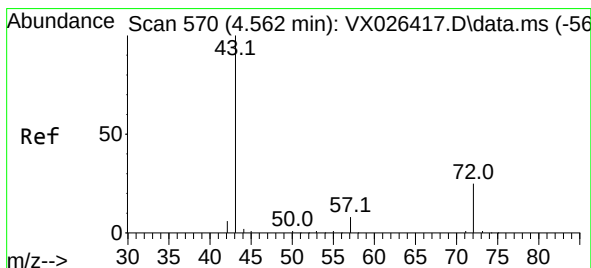
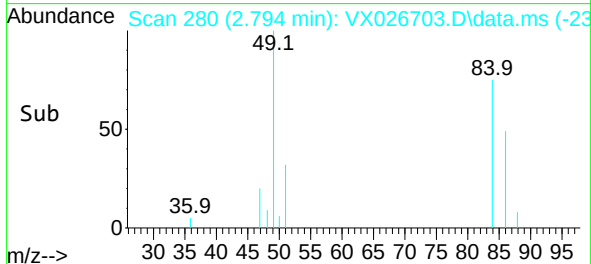
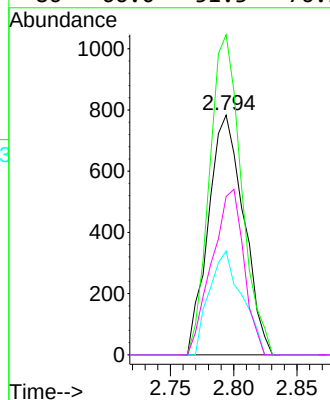
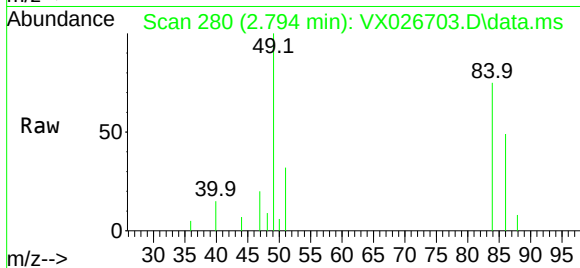
Ion Ratio Lower Upper

84 100

49 133.6 101.5 152.3

51 43.3 31.2 46.8

86 66.0 51.3 76.9



#25

2-Butanone

Concen: 1.909 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX026703.D

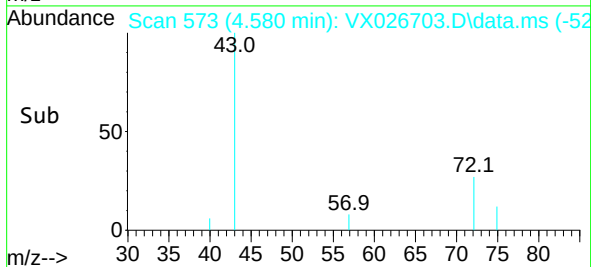
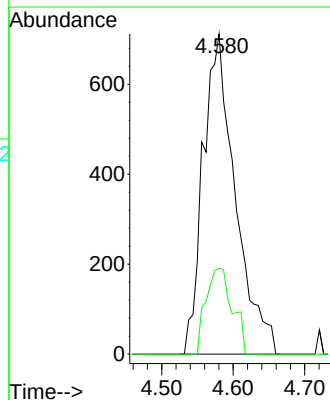
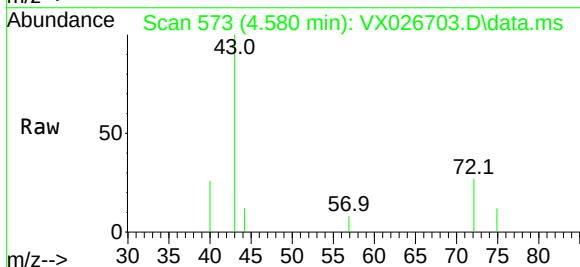
Acq: 01 Feb 2022 13:48

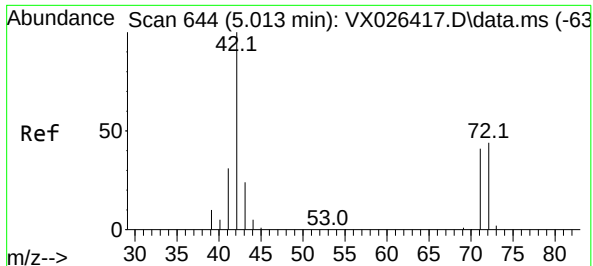
Tgt Ion: 43 Resp: 2226

Ion Ratio Lower Upper

43 100

72 26.8 20.4 30.6





#29

Tetrahydrofuran

Concen: 0.303 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

TEX-2

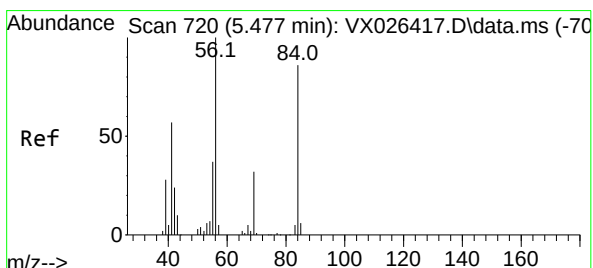
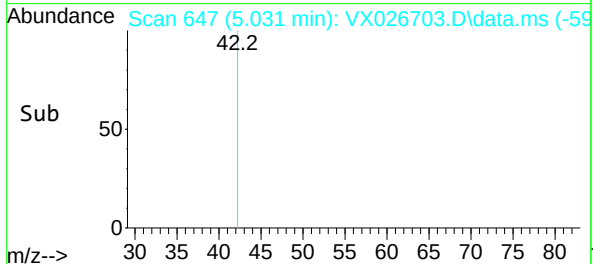
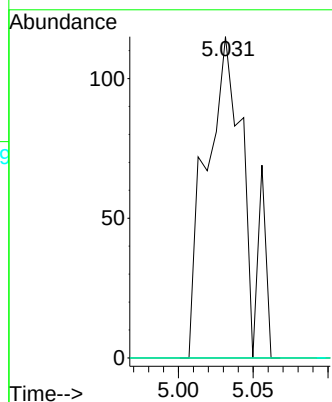
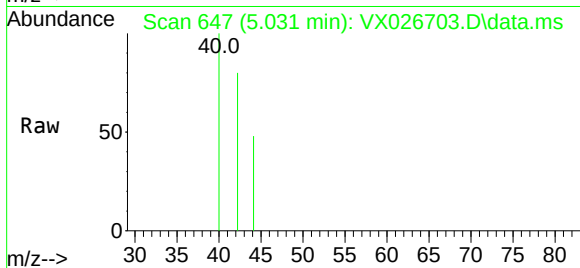
Tgt Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 0.991 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

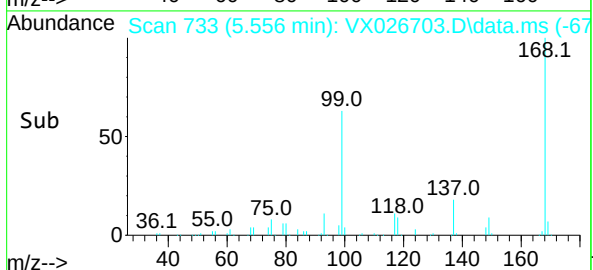
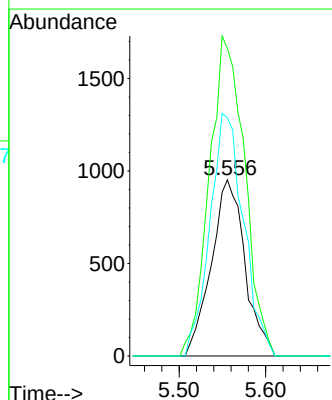
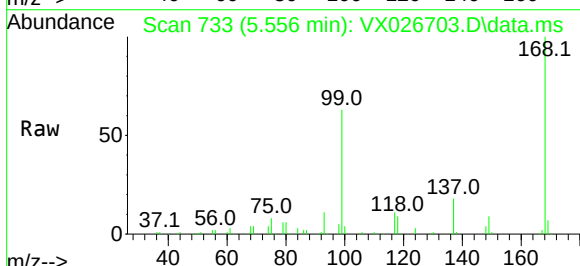
Tgt Ion: 56 Resp: 2570

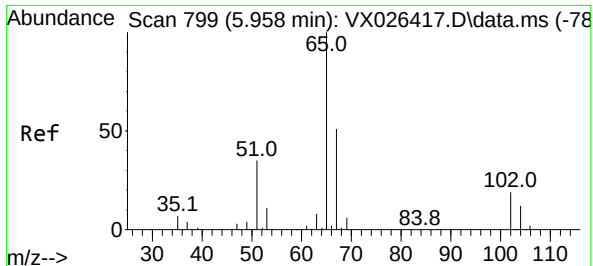
Ion Ratio Lower Upper

56 100

69 174.6 25.8 38.6#

84 135.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.029 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

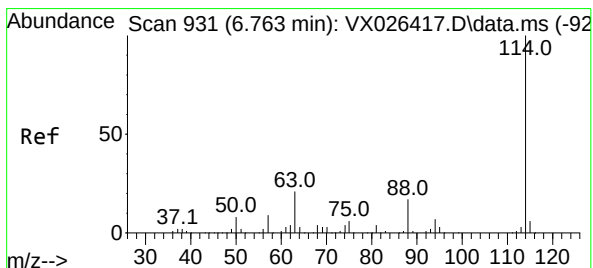
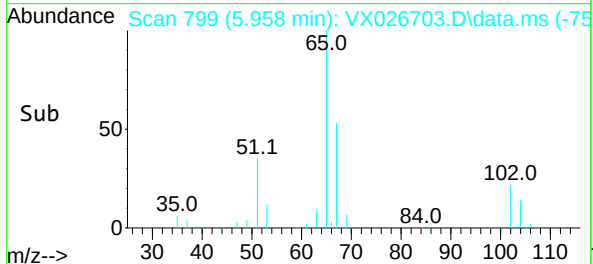
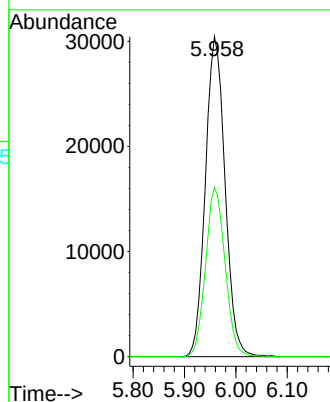
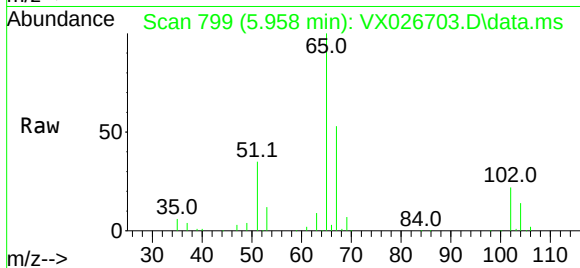
TEX-2

Tgt Ion: 65 Resp: 80916

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

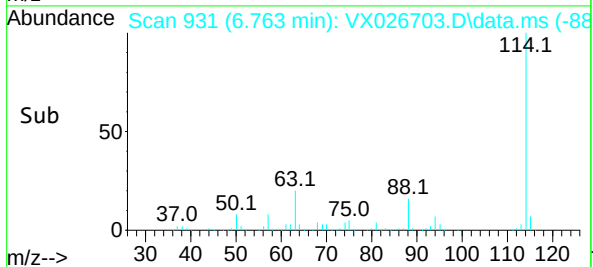
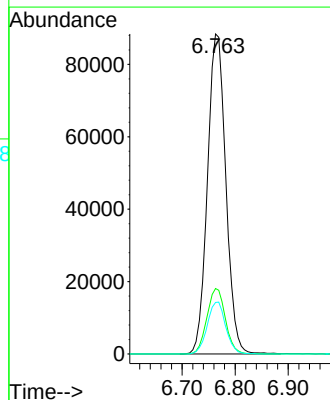
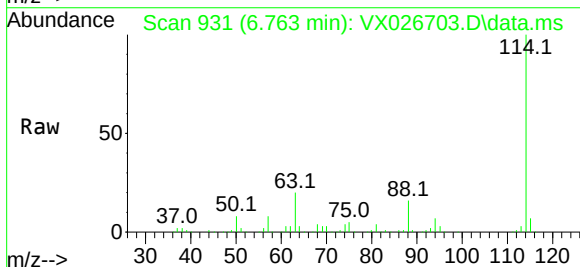
Tgt Ion: 114 Resp: 212947

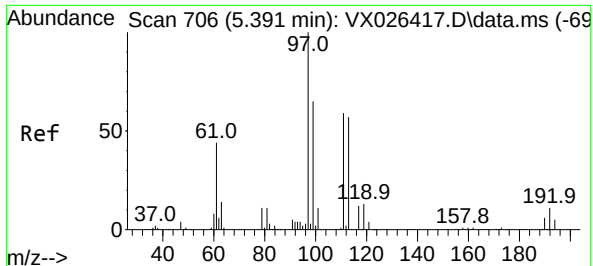
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.927 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

TEX-2

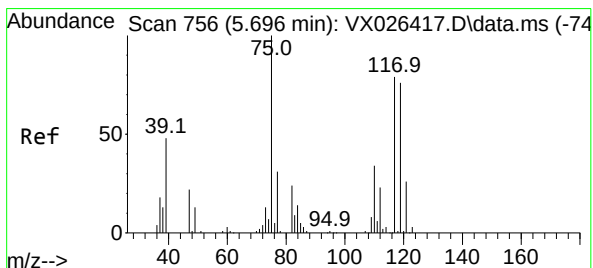
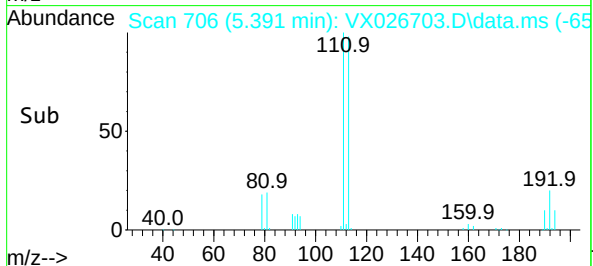
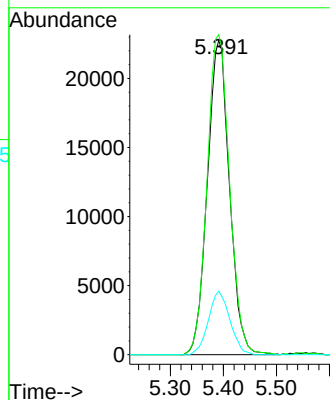
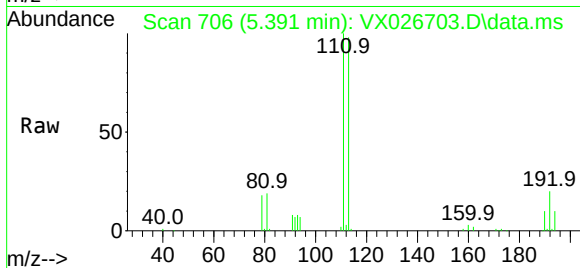
Tgt Ion:113 Resp: 65907

Ion Ratio Lower Upper

113 100

111 103.6 81.2 121.8

192 19.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.375 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

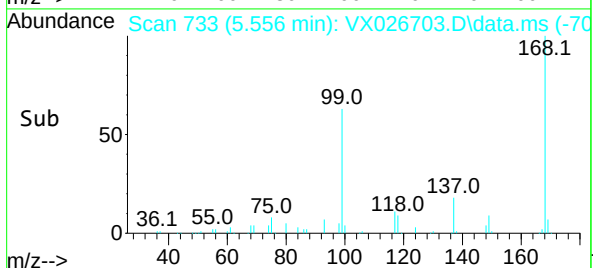
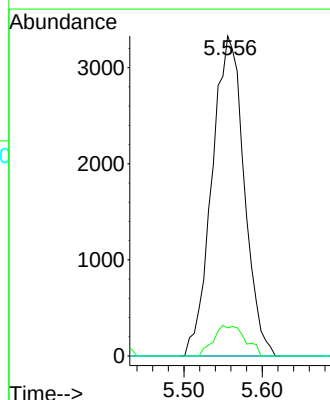
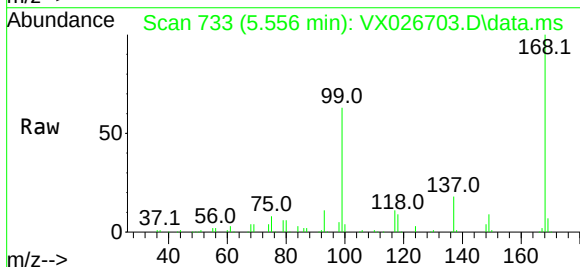
Tgt Ion: 75 Resp: 9498

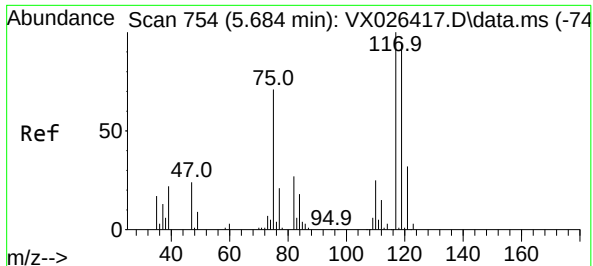
Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

77 0.0 24.6 36.8#

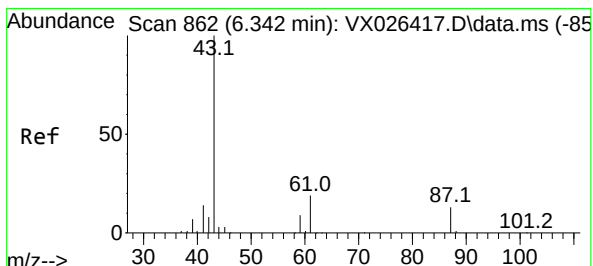
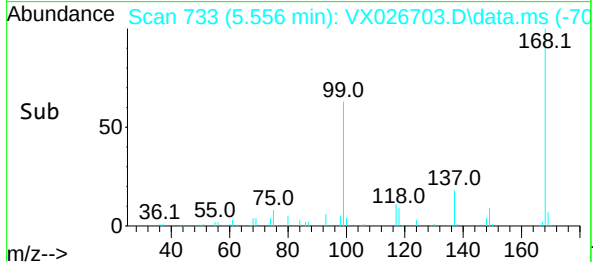
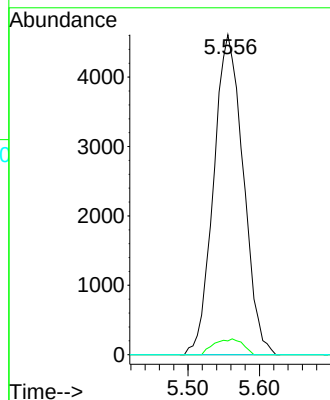
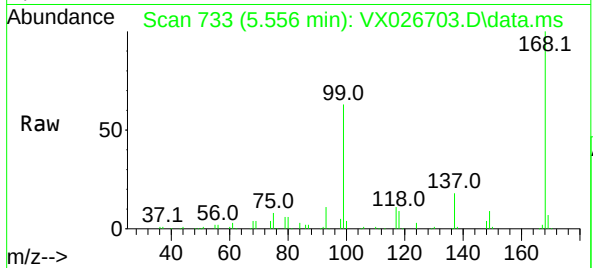




#38
Carbon Tetrachloride
Concen: 5.949 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

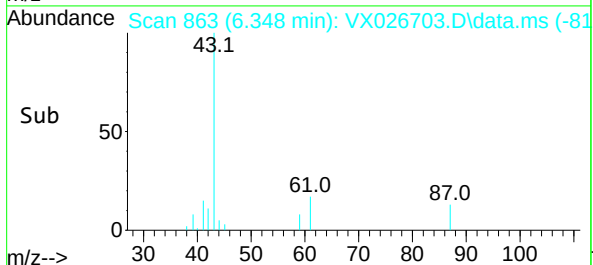
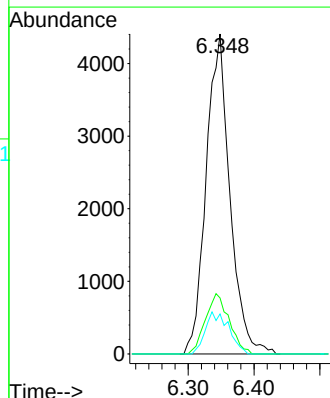
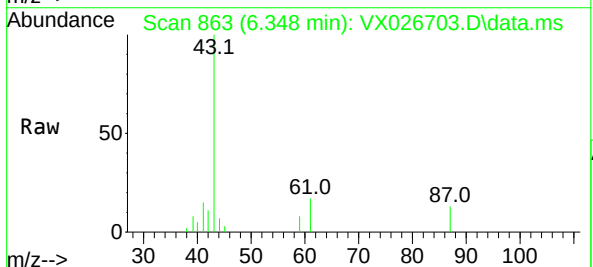
Instrument :
MSVOA_X
ClientSampleId :
TEX-2

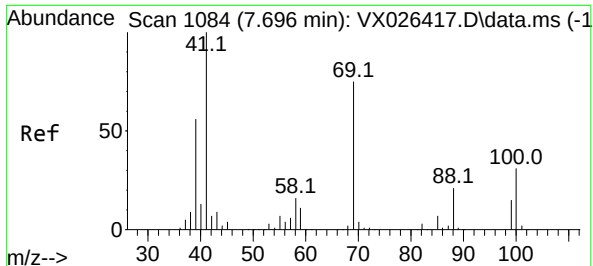
Tgt Ion:117 Resp: 13283
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.120 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

Tgt Ion: 43 Resp: 11068
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 13.0 10.2 15.2





#48

Methyl methacrylate

Concen: 1.889 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

TEX-2

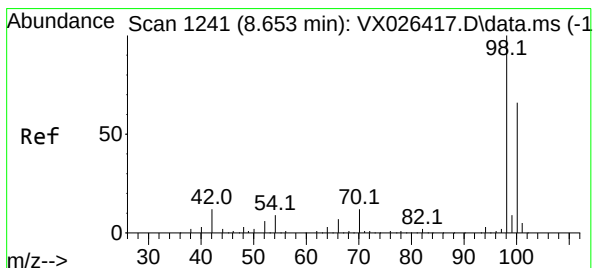
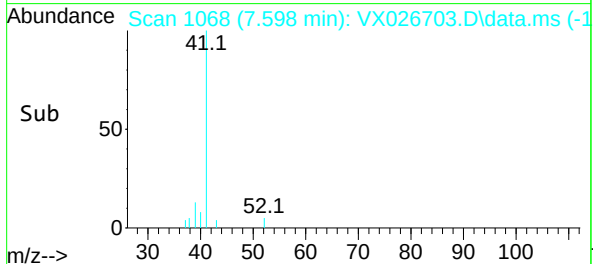
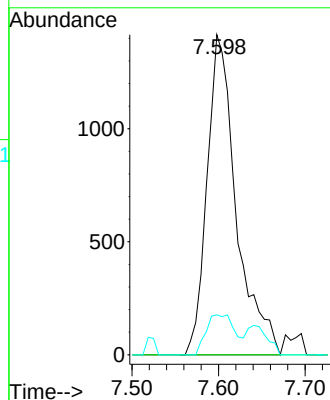
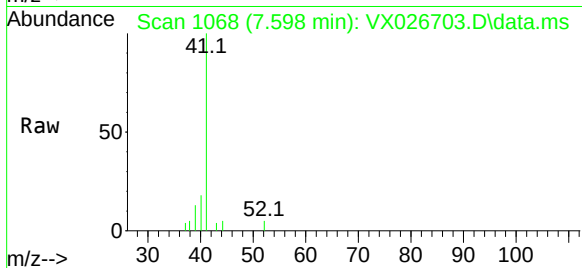
Tgt Ion: 41 Resp: 3321

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 50.587 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026703.D

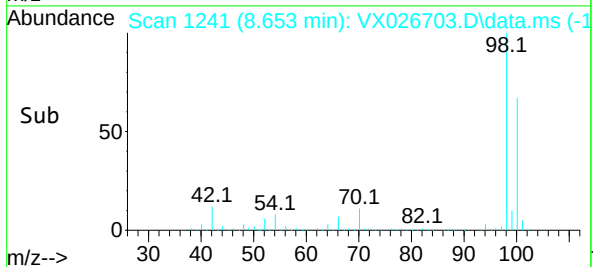
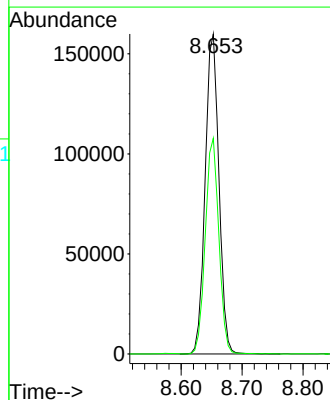
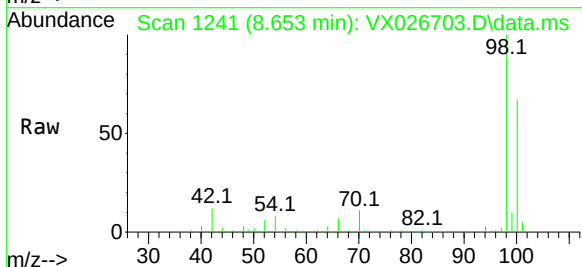
Acq: 01 Feb 2022 13:48

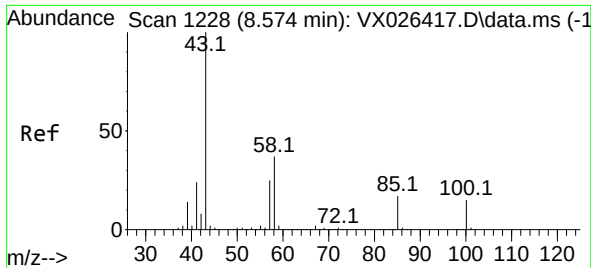
Tgt Ion: 98 Resp: 250683

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8

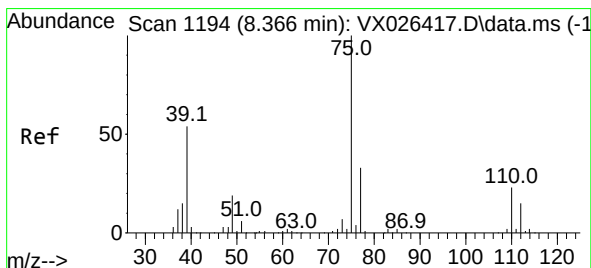
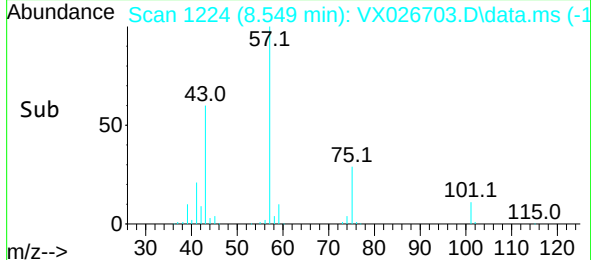
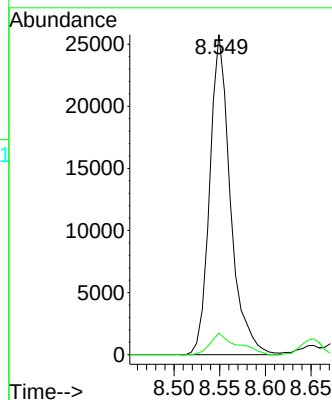
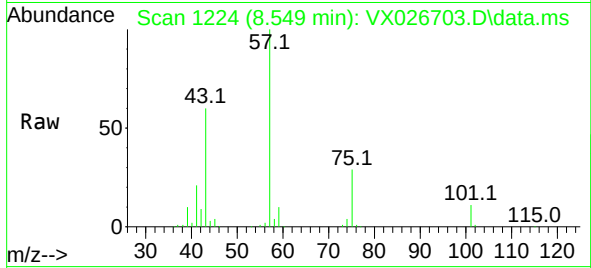




#51
4-Methyl-2-Pentanone
Concen: 19.204 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

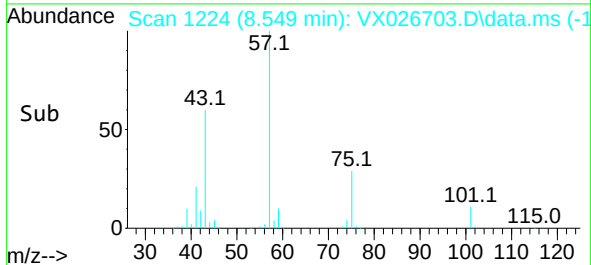
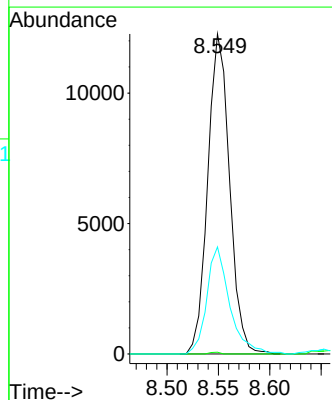
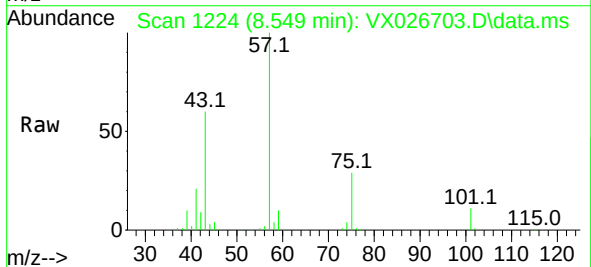
Instrument :
MSVOA_X
ClientSampleId :
TEX-2

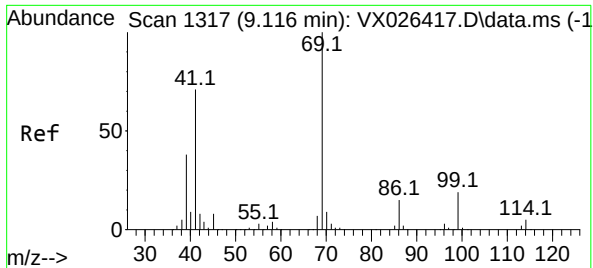
Tgt Ion: 43 Resp: 40405
Ion Ratio Lower Upper
43 100
58 8.6 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 7.898 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

Tgt Ion: 75 Resp: 18096
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 33.4 43.5 65.3#

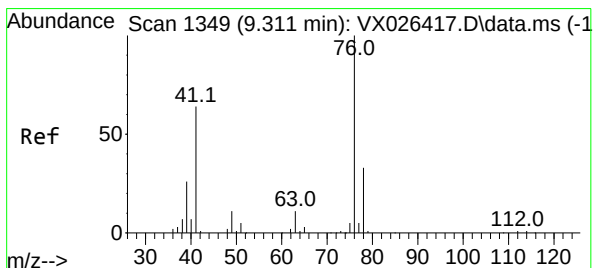
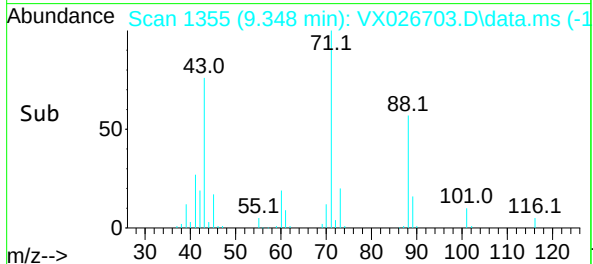
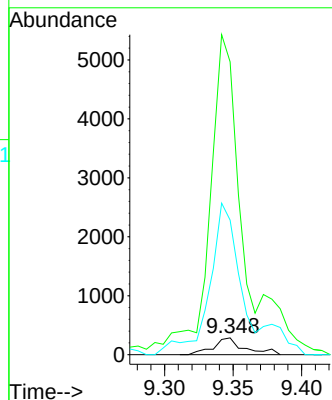
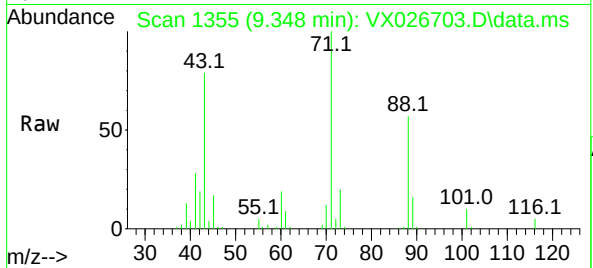




#56
Ethyl methacrylate
Concen: 0.202 ug/l
RT: 9.348 min Scan# 11
Delta R.T. 0.232 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

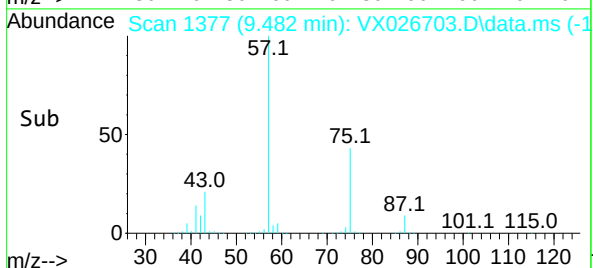
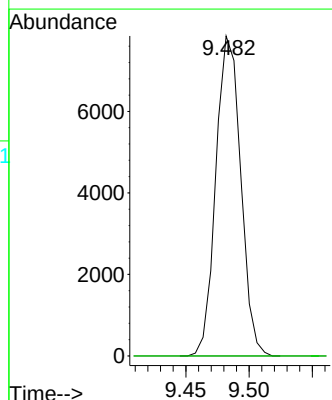
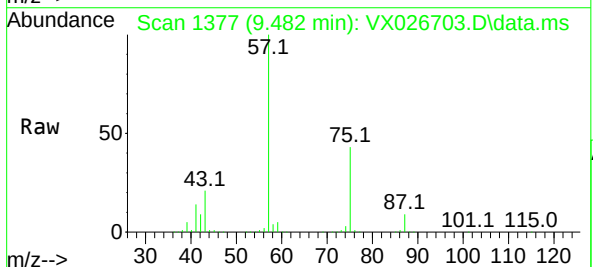
Instrument :
MSVOA_X
ClientSampleId :
TEX-2

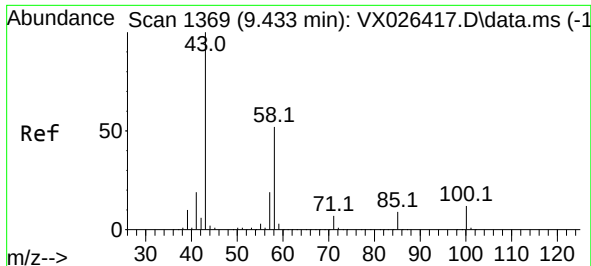
Tgt Ion: 69 Resp: 444
Ion Ratio Lower Upper
69 100
41 1686.7 57.2 85.8#
39 1001.8 30.9 46.3#



#57
1,3-Dichloropropane
Concen: 4.306 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

Tgt Ion: 76 Resp: 10719
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 92.094 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

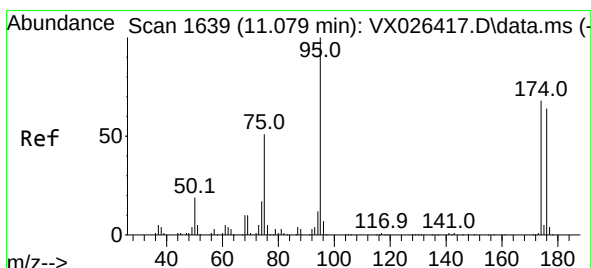
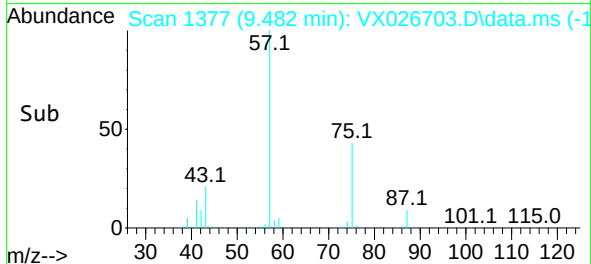
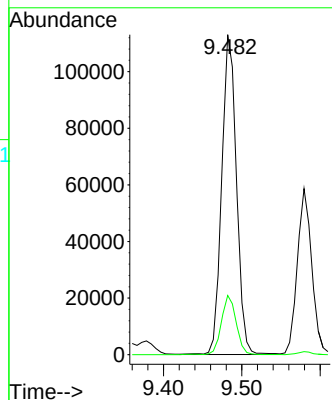
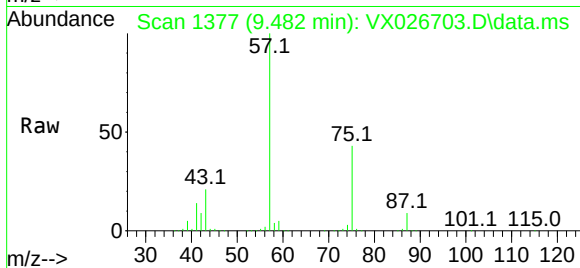
TEX-2

Tgt Ion: 43 Resp: 148305

Ion Ratio Lower Upper

43 100

58 18.6 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 53.978 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

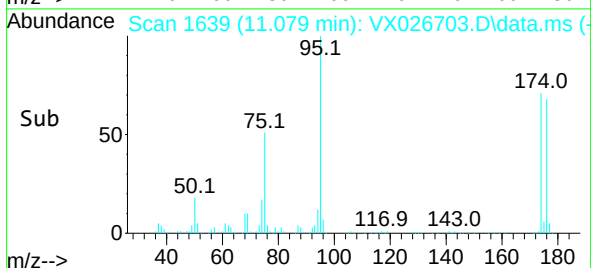
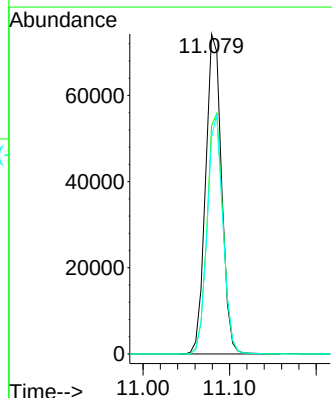
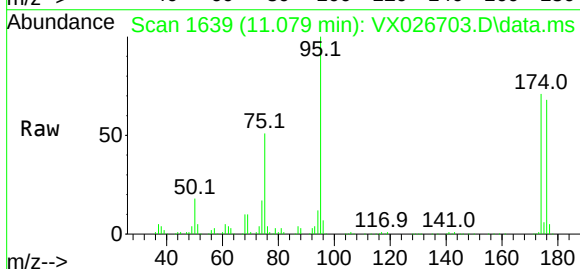
Tgt Ion: 95 Resp: 95020

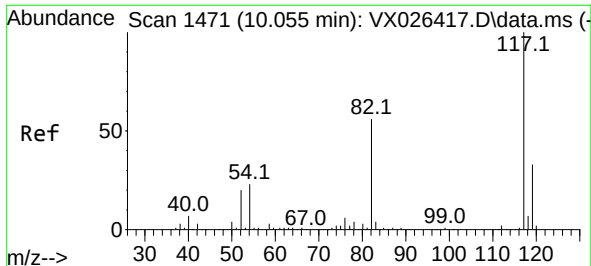
Ion Ratio Lower Upper

95 100

174 75.5 0.0 148.6

176 73.4 0.0 141.4

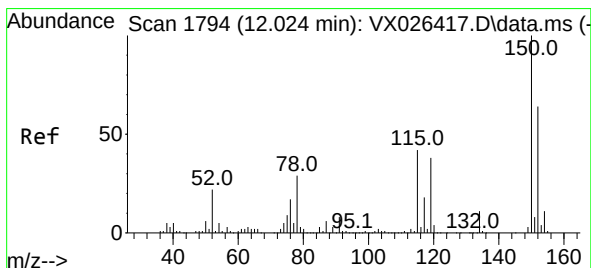
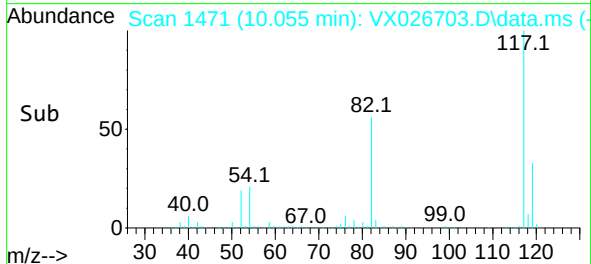
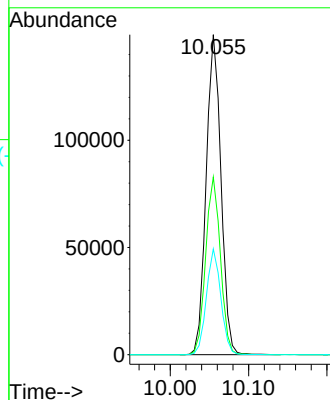
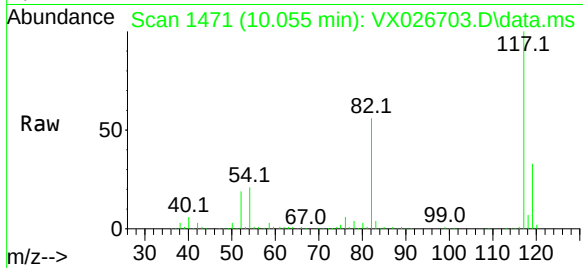




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

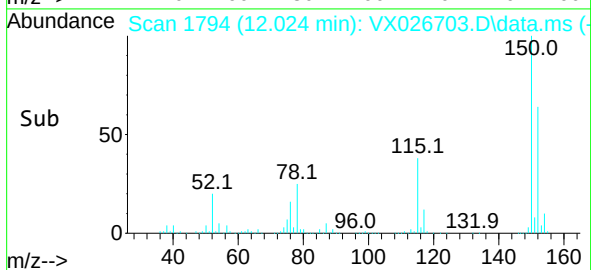
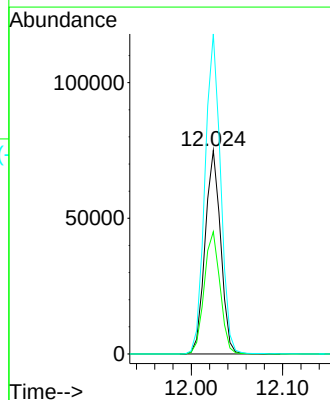
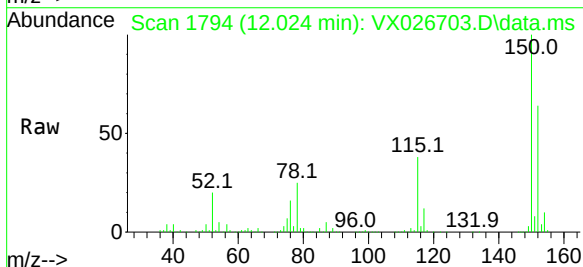
Instrument :
MSVOA_X
ClientSampleId :
TEX-2

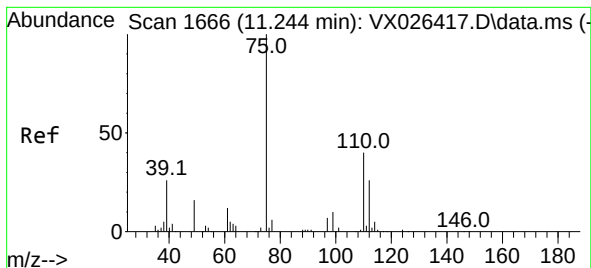
Tgt Ion:117 Resp: 195530
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026703.D
Acq: 01 Feb 2022 13:48

Tgt Ion:152 Resp: 88397
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 158.0 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 24.180 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

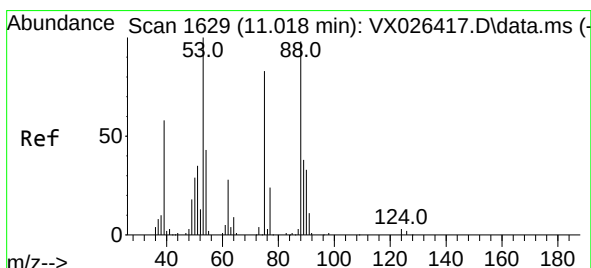
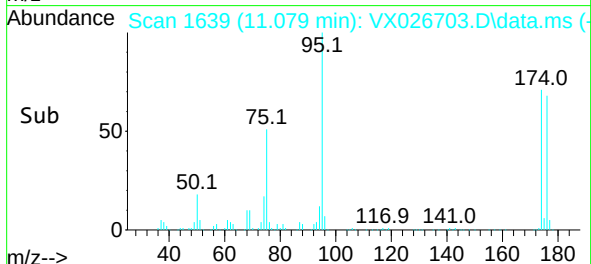
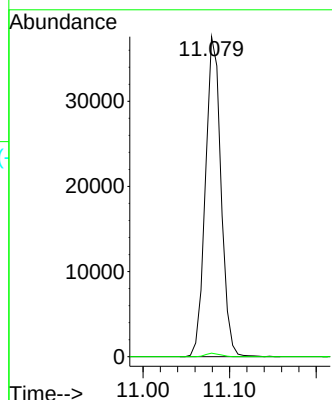
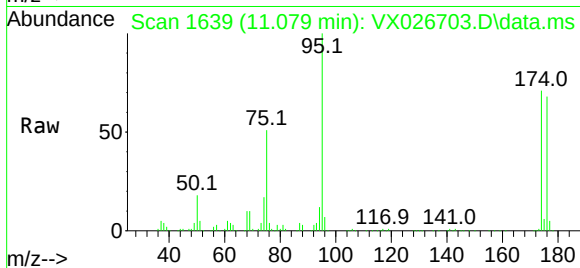
TEX-2

Tgt Ion: 75 Resp: 47062

Ion Ratio Lower Upper

75 100

77 1.0 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.661 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026703.D

Acq: 01 Feb 2022 13:48

Tgt Ion: 75 Resp: 47062

Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.0 37.0 55.4#

