

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026732.D
 Acq On : 02 Feb 2022 13:10
 Operator : JC/MD
 Sample : N1301-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-TH-ST-34

Quant Time: Feb 03 03:03:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

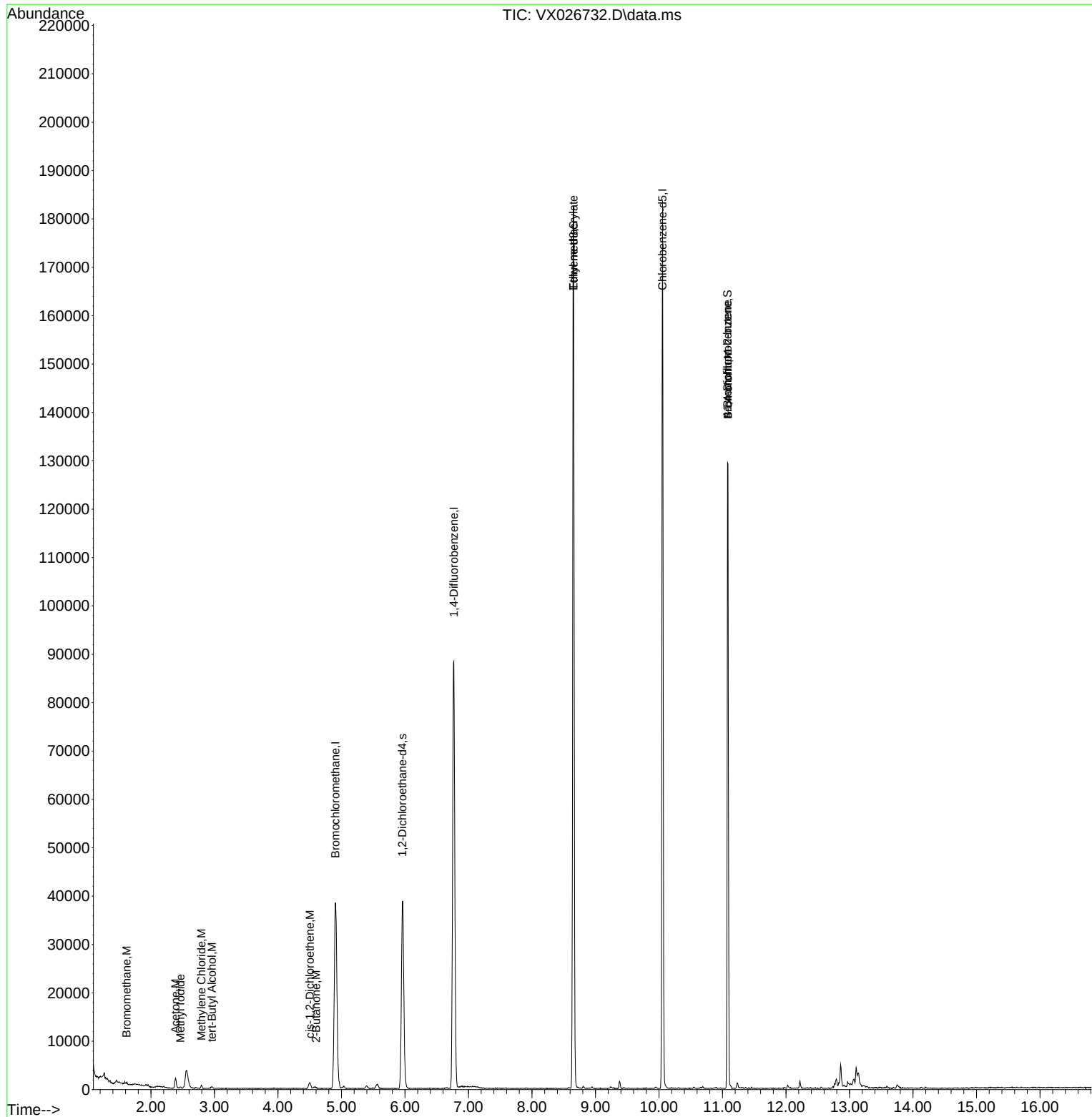
Internal Standards						
1) Bromochloromethane	4.904	128	16933	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	92537	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81125	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	38058	27.951	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.167%
60) 4-Bromofluorobenzene	11.079	95	37358	27.593	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.967%
63) Toluene-d8	8.653	98	108358	29.075	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.933%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	110	0.248	ug/l #	77
11) Methyl Iodide	2.465	142	301	0.304	ug/l #	85
15) Acetone	2.386	58	708	4.238	ug/l	81
18) Methylene Chloride	2.794	84	276	0.275	ug/l #	82
22) cis-1,2-Dichloroethene	4.501	96	829	0.724	ug/l #	50
23) tert-Butyl Alcohol	2.959	59	166	0.860	ug/l #	100
30) 2-Butanone	4.599	43	283	0.341	ug/l #	57
51) Ethyl methacrylate	8.653	69	383	0.245	ug/l #	66
56) Bromoform	11.085	173	344	0.487	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	18604	47.774	ug/l #	3

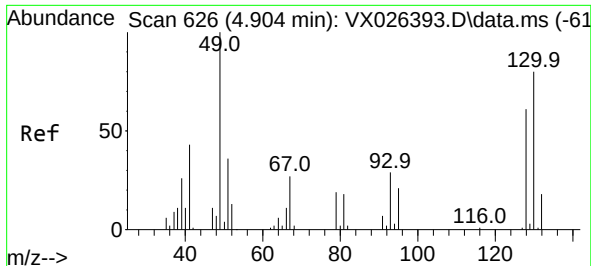
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026732.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
55-TH-ST-34

Quant Time: Feb 03 03:03:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

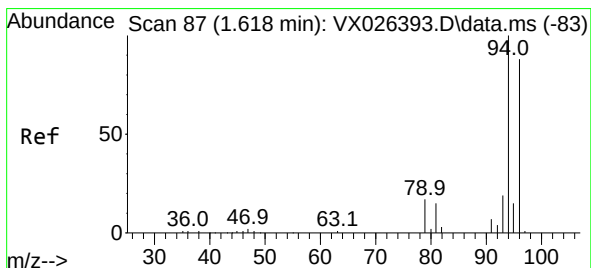
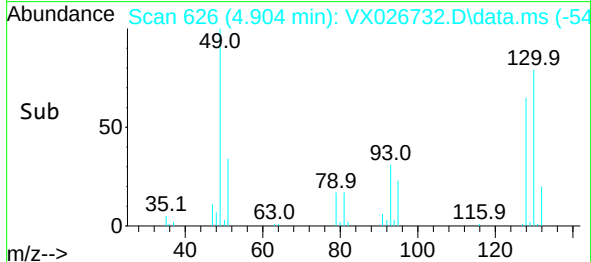
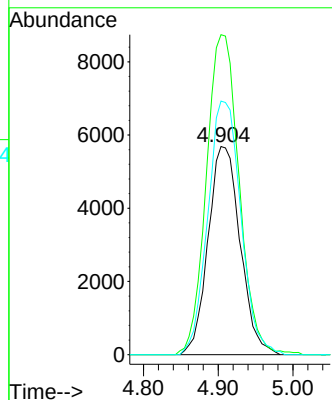
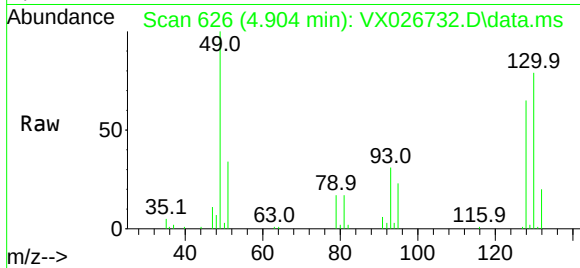




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VX026732.D
 Acq: 02 Feb 2022 13:10

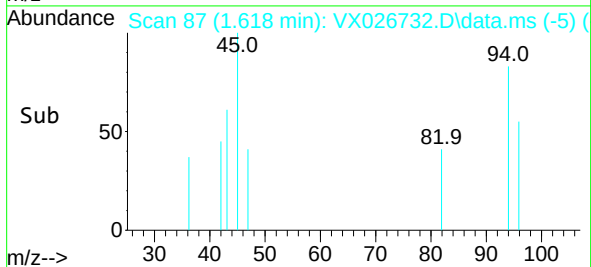
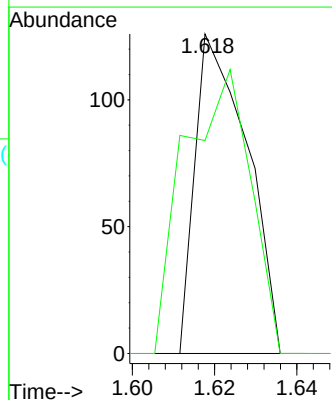
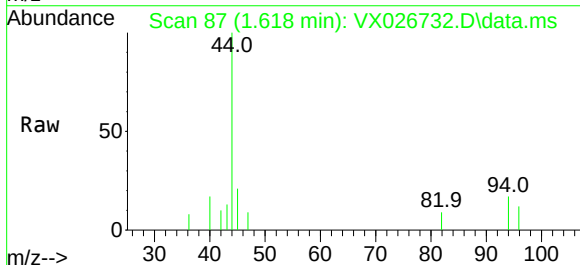
Instrument :
 MSVOA_X
 ClientSampleId :
 55-TH-ST-34

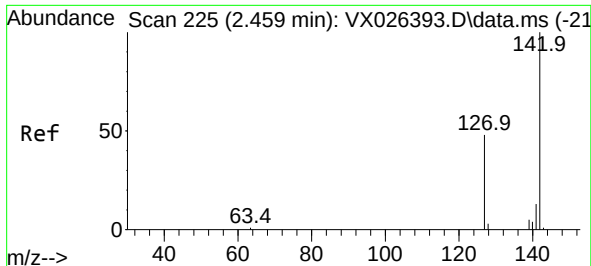
Tgt Ion:	128	Resp:	16933
Ion	Ratio	Lower	Upper
128	100		
49	157.2	0.0	413.5
130	125.9	0.0	326.0



#5
 Bromomethane
 Concen: 0.248 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX026732.D
 Acq: 02 Feb 2022 13:10

Tgt Ion:	94	Resp:	110
Ion	Ratio	Lower	Upper
94	100		
96	66.7	70.3	105.5

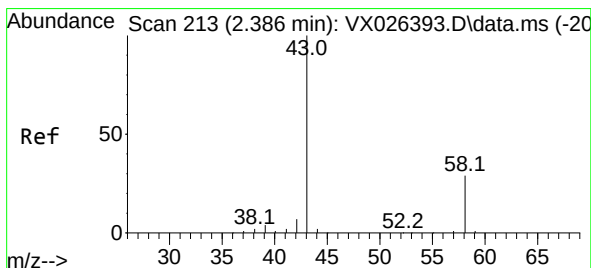
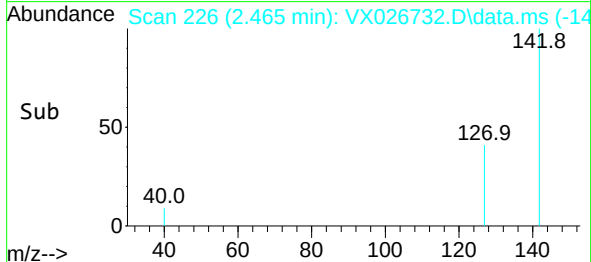
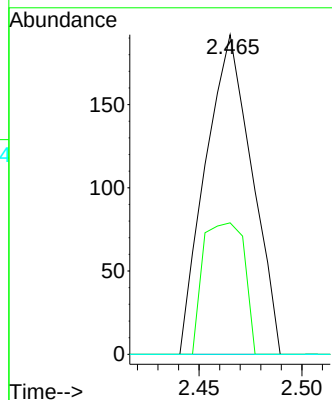
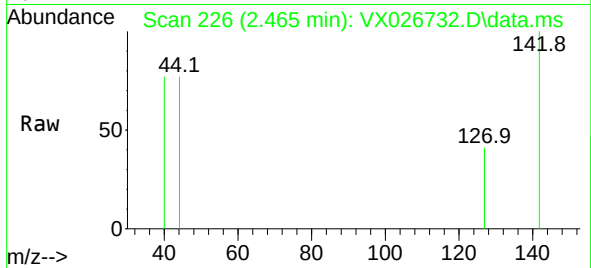




#11
Methyl Iodide
Concen: 0.304 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

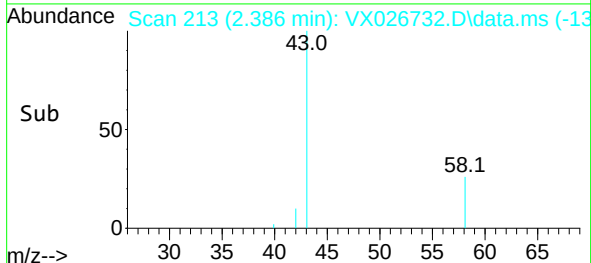
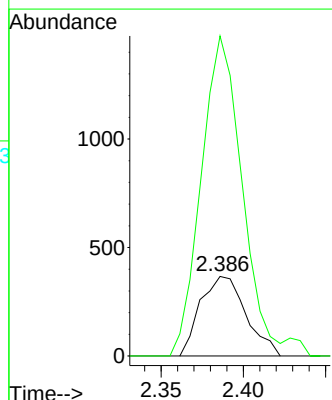
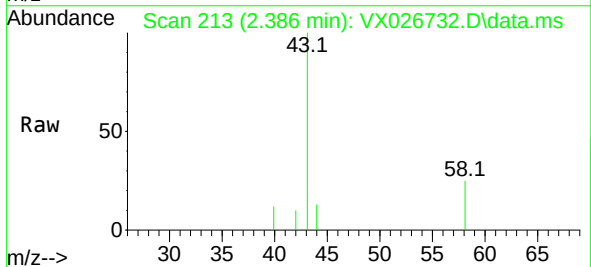
Instrument :
MSVOA_X
ClientSampleId :
55-TH-ST-34

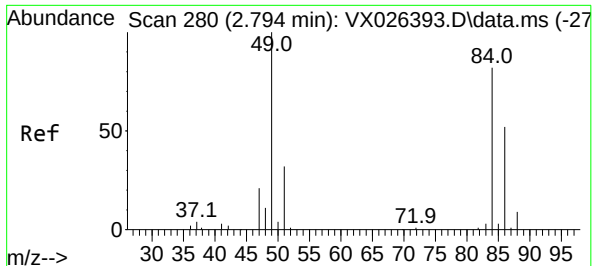
Tgt Ion:142 Resp: 301
Ion Ratio Lower Upper
142 100
127 41.1 23.9 71.7
141 0.0 6.7 20.1#



#15
Acetone
Concen: 4.238 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

Tgt Ion: 58 Resp: 708
Ion Ratio Lower Upper
58 100
43 386.1 276.3 414.5





#18

Methylene Chloride

Concen: 0.275 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026732.D

Acq: 02 Feb 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

55-TH-ST-34

Tgt Ion: 84 Resp: 276

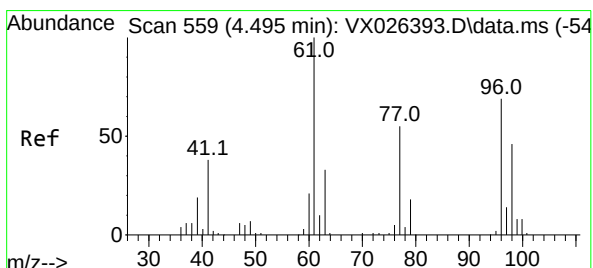
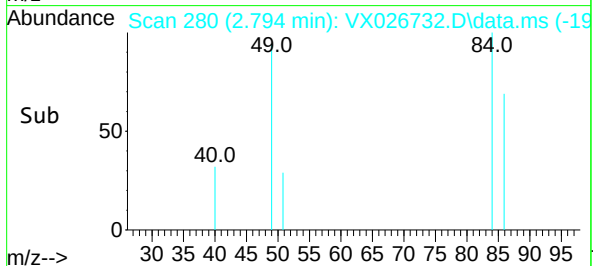
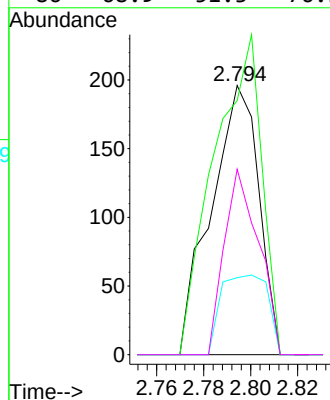
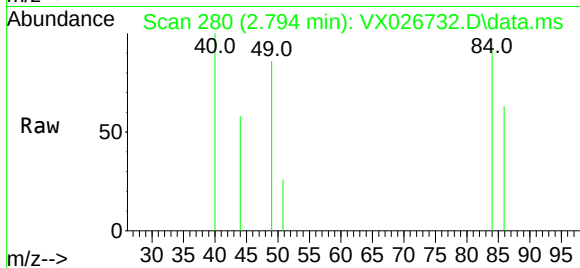
Ion Ratio Lower Upper

84 100

49 94.4 97.8 146.8#

51 28.6 31.1 46.7#

86 68.9 51.3 76.9



#22

cis-1,2-Dichloroethene

Concen: 0.724 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX026732.D

Acq: 02 Feb 2022 13:10

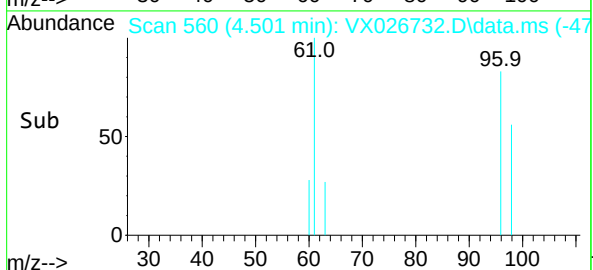
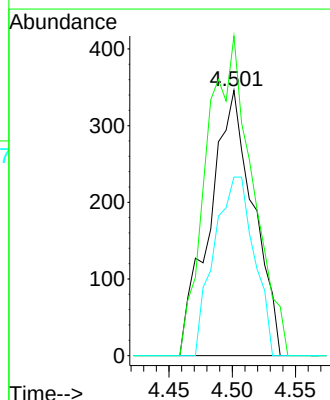
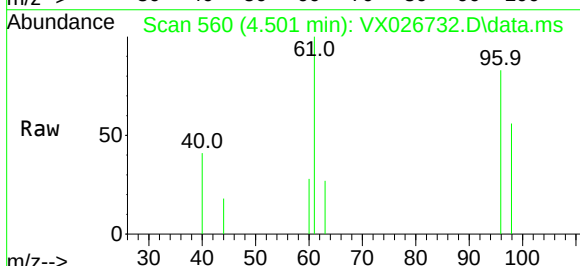
Tgt Ion: 96 Resp: 829

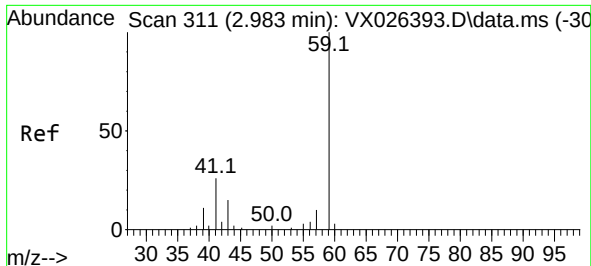
Ion Ratio Lower Upper

96 100

61 63.7 121.8 182.6#

98 61.8 52.6 78.8

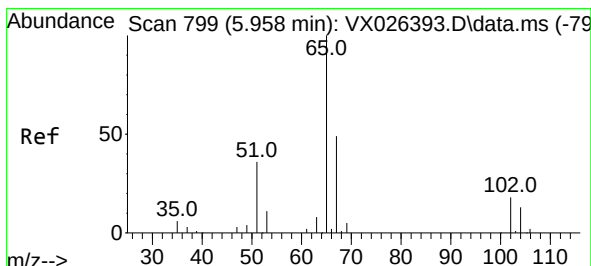
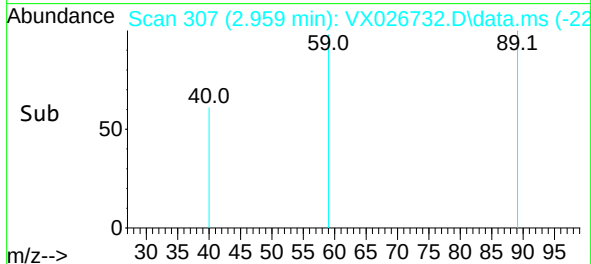
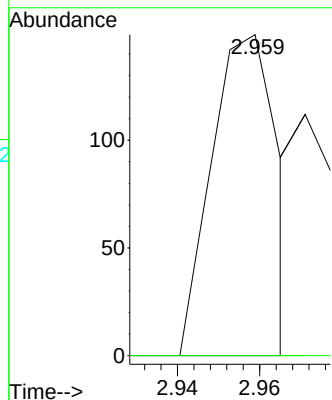
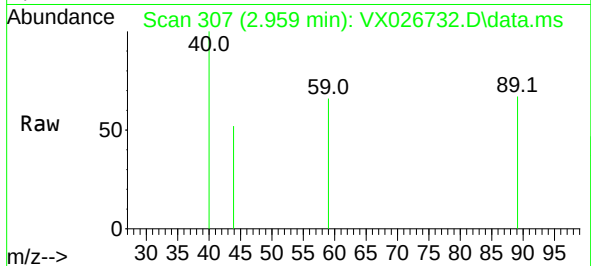




#23
tert-Butyl Alcohol
Concen: 0.860 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

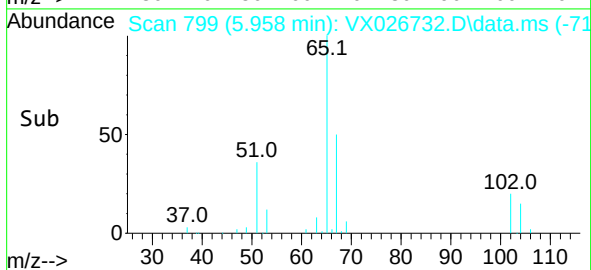
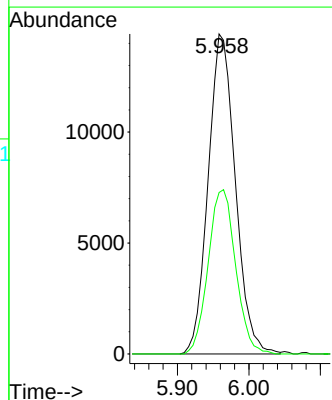
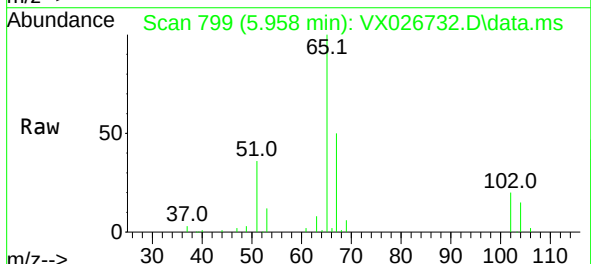
Instrument :
MSVOA_X
ClientSampleId :
55-TH-ST-34

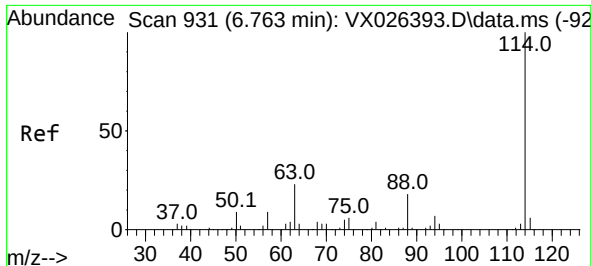
Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 27.951 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

Tgt Ion: 65 Resp: 38058
Ion Ratio Lower Upper
65 100
67 51.9 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX026732.D

Acq: 02 Feb 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

55-TH-ST-34

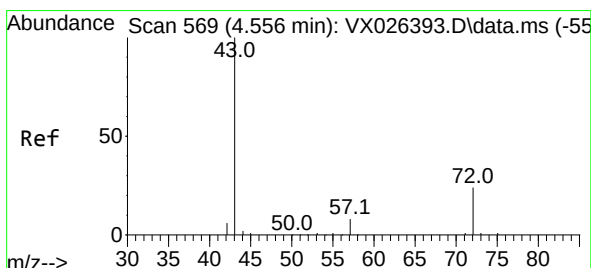
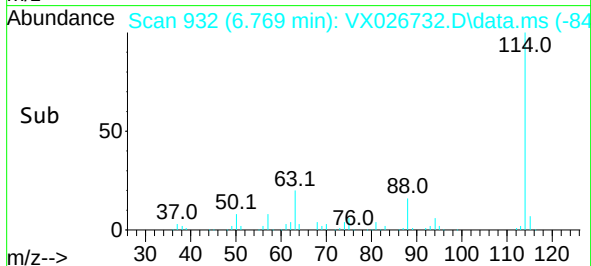
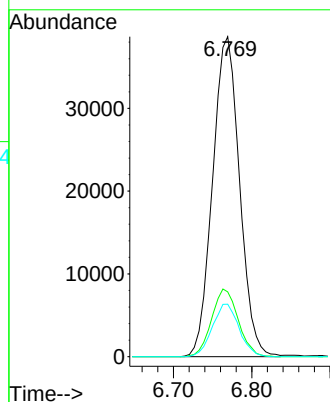
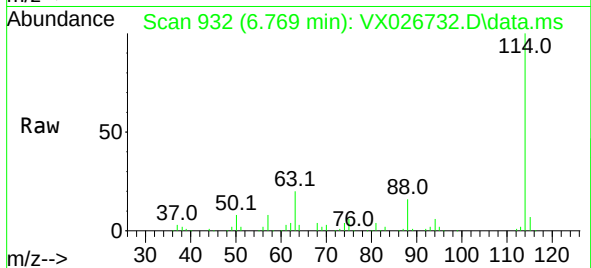
Tgt Ion:114 Resp: 92537

Ion Ratio Lower Upper

114 100

63 20.8 17.4 26.2

88 16.3 13.5 20.3



#30

2-Butanone

Concen: 0.341 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.043 min

Lab File: VX026732.D

Acq: 02 Feb 2022 13:10

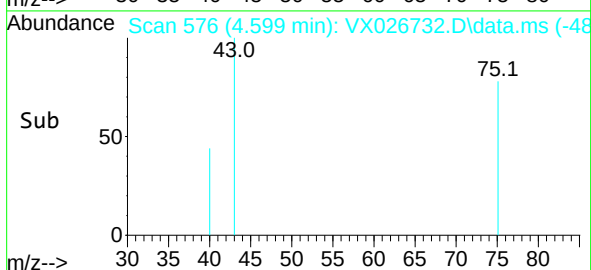
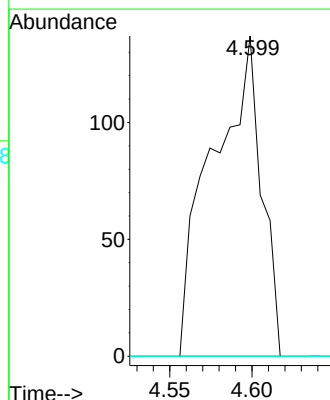
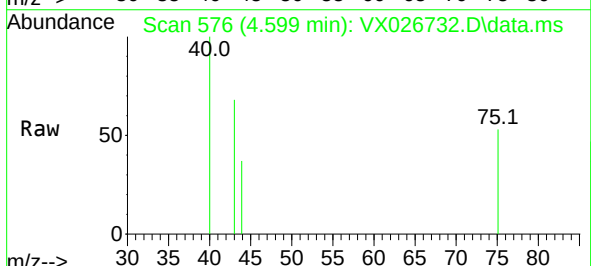
Tgt Ion: 43 Resp: 283

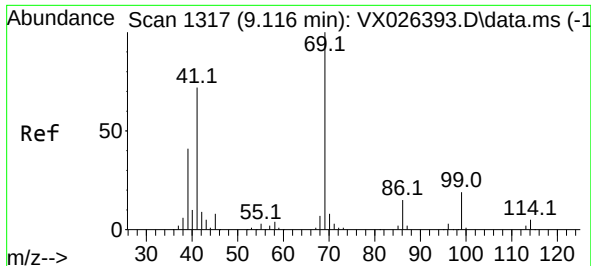
Ion Ratio Lower Upper

43 100

57 0.0 6.3 9.5#

72 0.0 19.8 29.6#

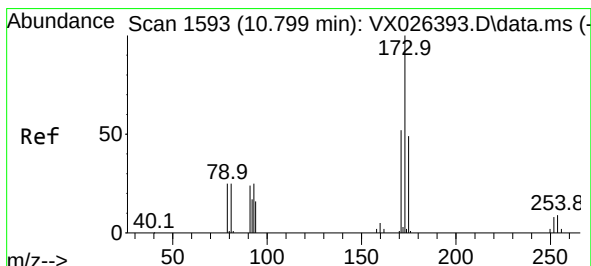
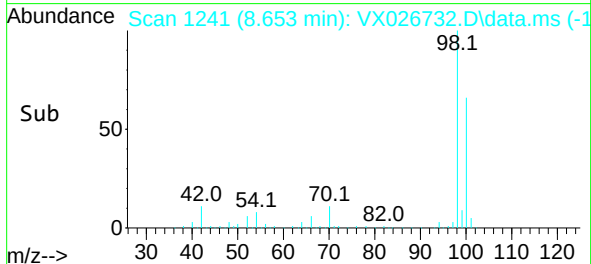
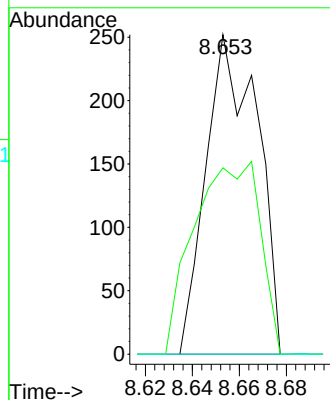
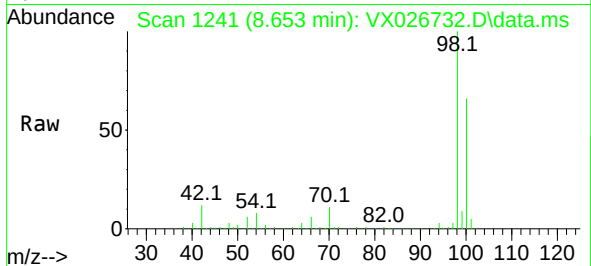




#51
Ethyl methacrylate
Concen: 0.245 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.463 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

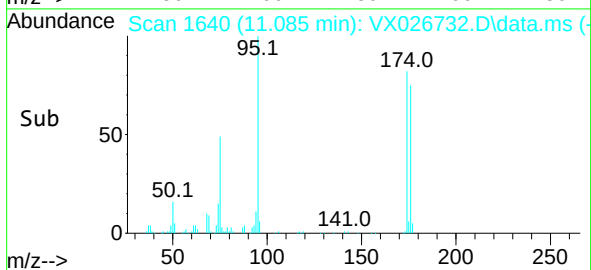
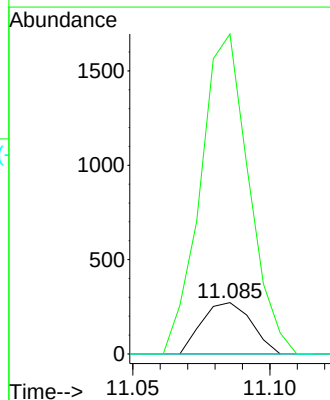
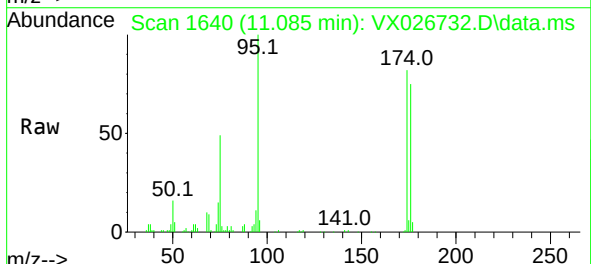
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55-TH-ST-34

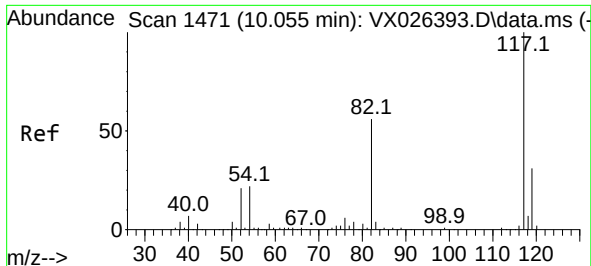
Tgt Ion: 69 Resp: 383
Ion Ratio Lower Upper
69 100
41 58.3 35.9 107.7
39 0.0 20.3 61.0#



#56
Bromoform
Concen: 0.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

Tgt Ion: 173 Resp: 344
Ion Ratio Lower Upper
173 100
175 606.7 38.0 57.0#
254 0.0 6.6 10.0#

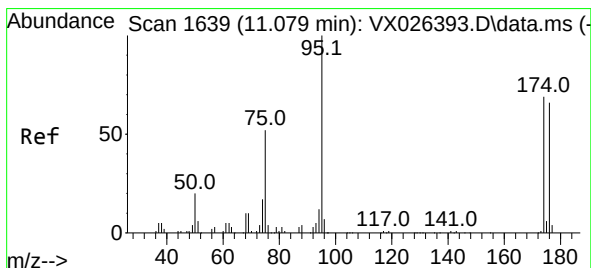
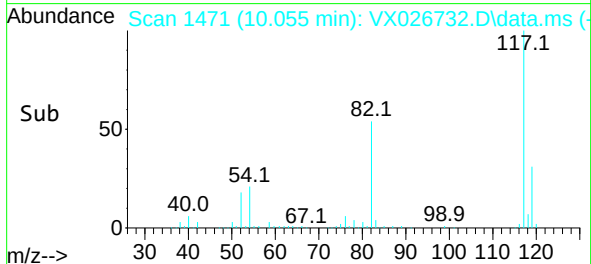
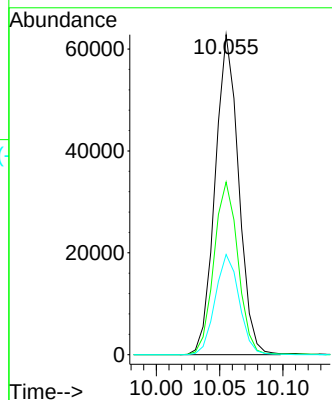
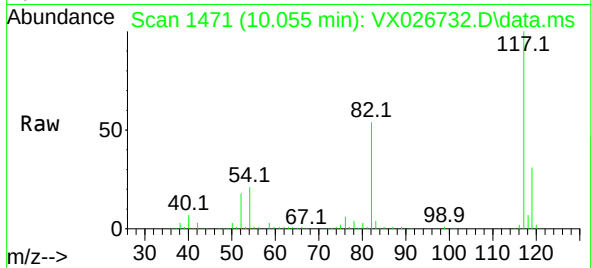




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

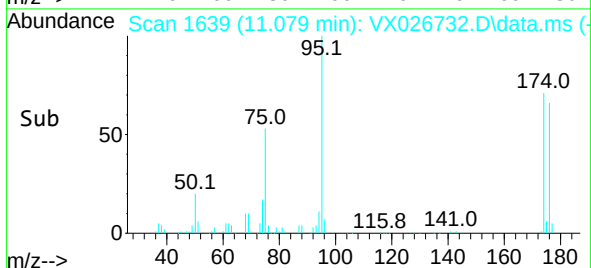
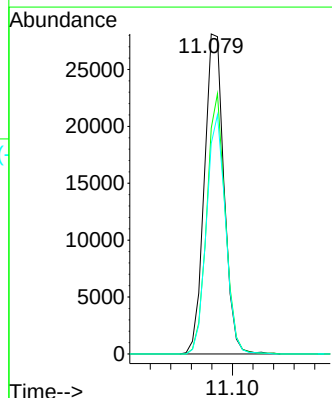
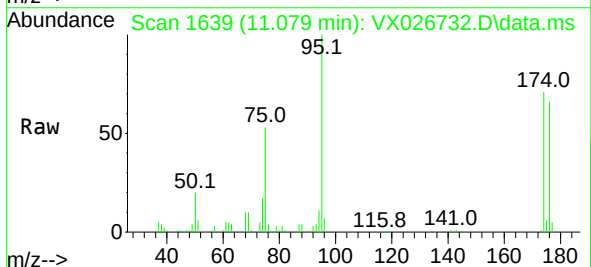
Instrument :
MSVOA_X
ClientSampleId :
55-TH-ST-34

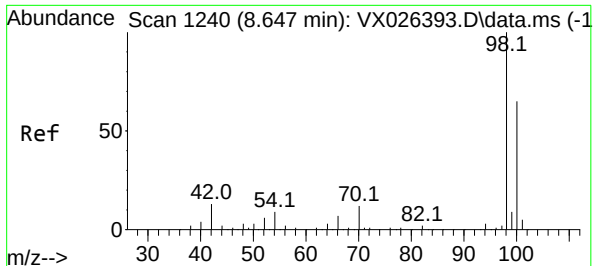
Tgt Ion:	117	Resp:	81125
Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.2	69.4
119	32.0	25.4	38.2



#60
4-Bromofluorobenzene
Concen: 27.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

Tgt Ion:	95	Resp:	37358
Ion	Ratio	Lower	Upper
95	100		
174	76.1	58.0	87.0
176	72.4	56.5	84.7

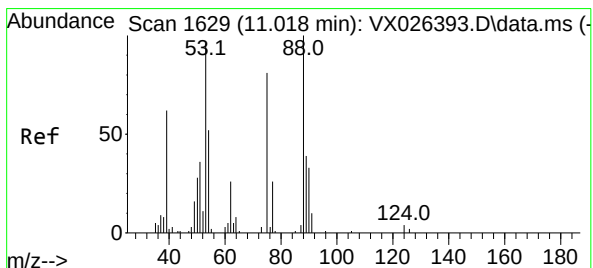
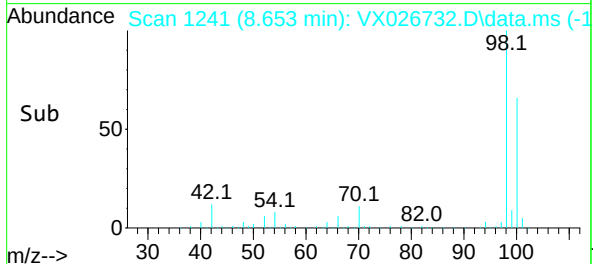
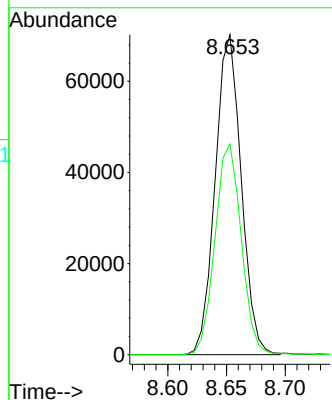
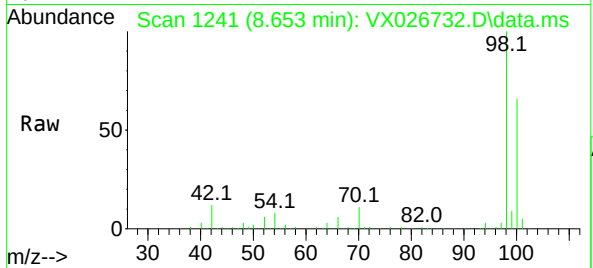




#63
Toluene-d8
Concen: 29.075 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

Instrument :
MSVOA_X
ClientSampleId :
55-TH-ST-34

Tgt Ion: 98 Resp: 108358
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#77
t-1,4-Dichloro-2-butene
Concen: 47.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026732.D
Acq: 02 Feb 2022 13:10

Tgt Ion: 75 Resp: 18604
Ion Ratio Lower Upper
75 100
53 0.0 59.0 176.8#
89 0.0 24.0 72.0#

