

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026603.D
 Acq On : 26 Jan 2022 18:33
 Operator : JC/MD
 Sample : N1286-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Jan 27 07:33:02 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	137402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89915	46.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.700%
35) Dibromofluoromethane	5.391	113	71929	48.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	8.653	98	271014	50.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.680%
62) 4-Bromofluorobenzene	11.079	95	96946	51.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.400%

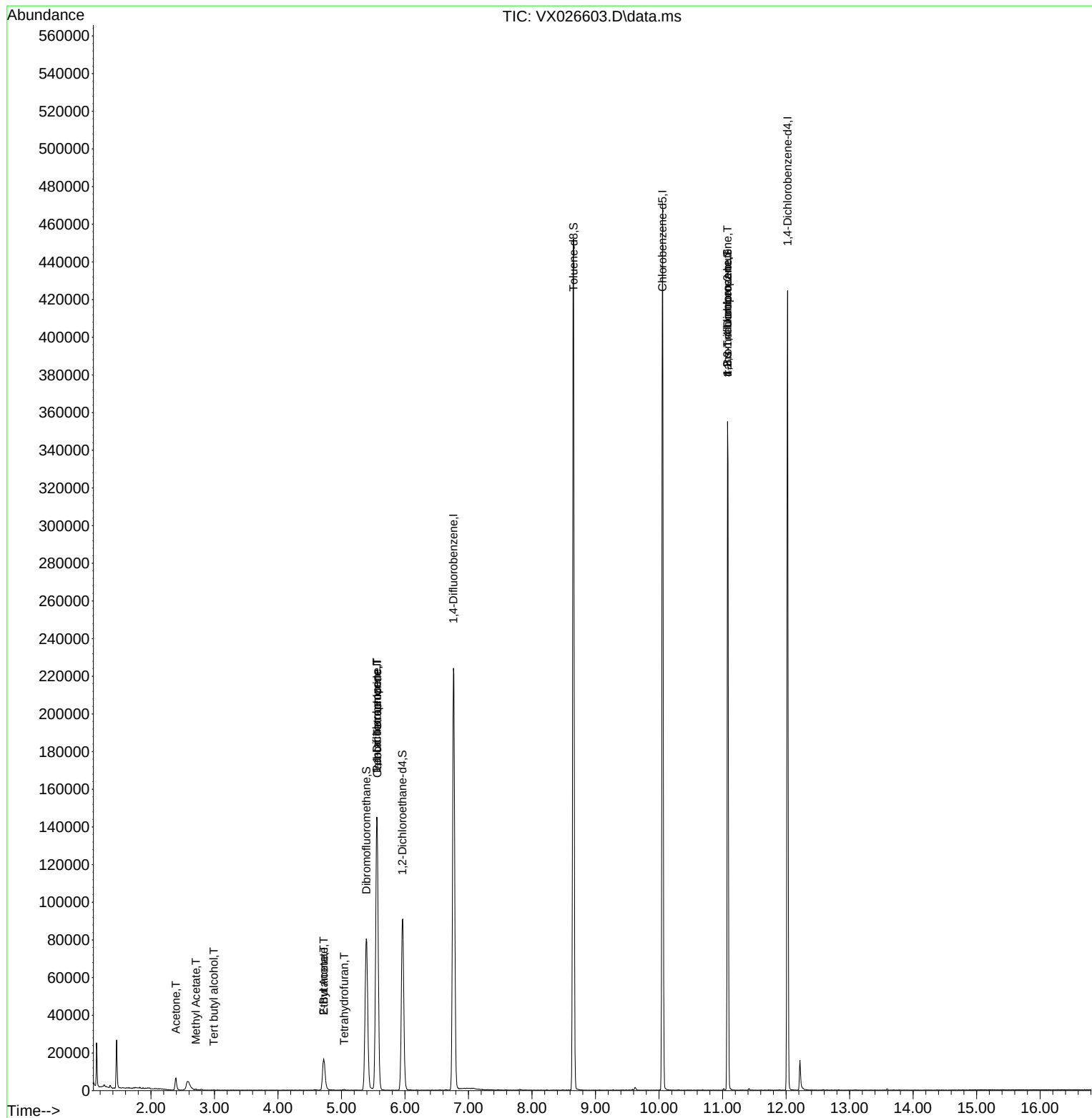
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	106	0.397	ug/l #	75
16) Acetone	2.392	43	7504	7.666	ug/l	93
18) Methyl Acetate	2.709	43	638	0.328	ug/l #	67
25) 2-Butanone	4.721	43	30729	24.140	ug/l #	50
29) Tetrahydrofuran	5.044	42	459	0.607	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	10619	4.547	ug/l #	50
37) Ethyl Acetate	4.721	43	30729	13.009	ug/l	100
38) Carbon Tetrachloride	5.562	117	14127	5.881	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	48895	26.017	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48895	78.878	ug/l #	3

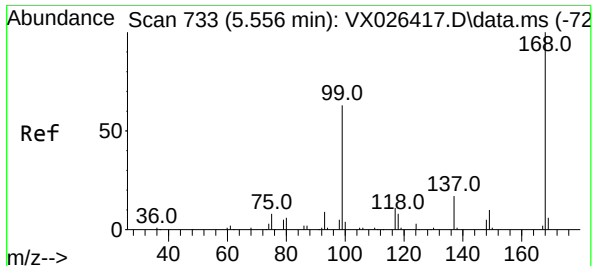
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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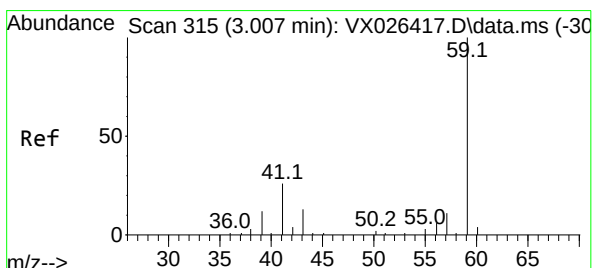
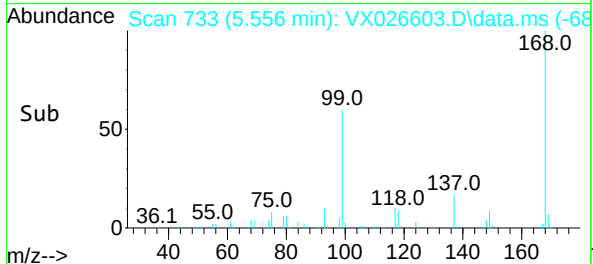
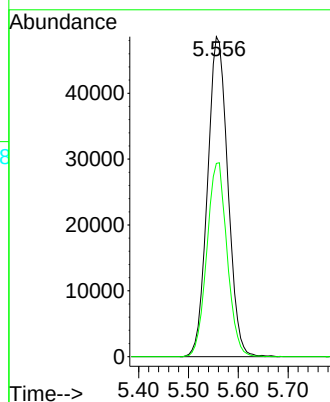
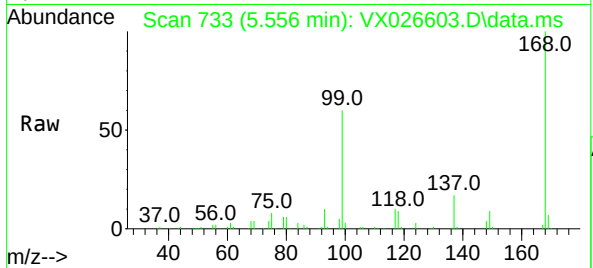




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

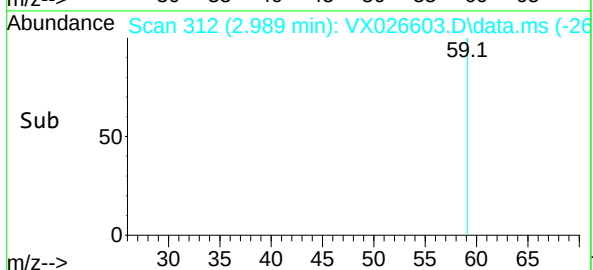
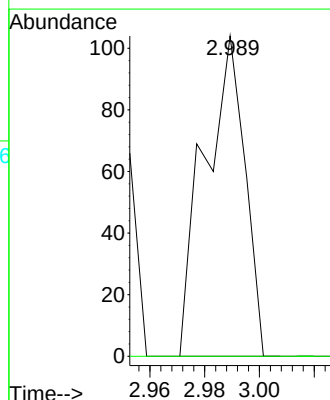
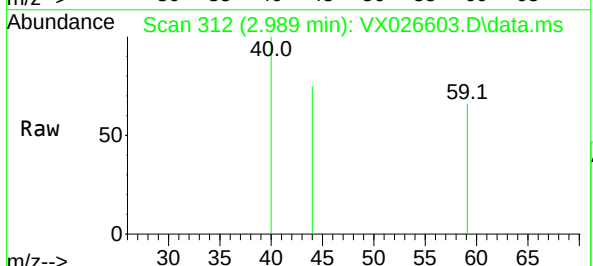
Instrument :
MSVOA_X
ClientSampleId :
MW-17

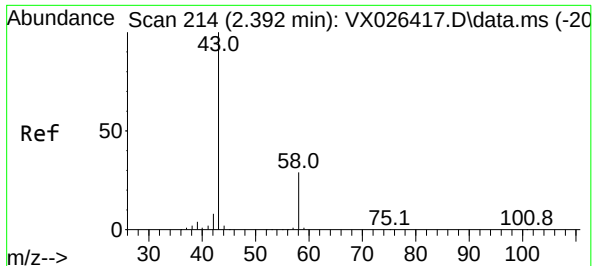
Tgt Ion:168 Resp: 137402
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.397 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Tgt Ion: 59 Resp: 106
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

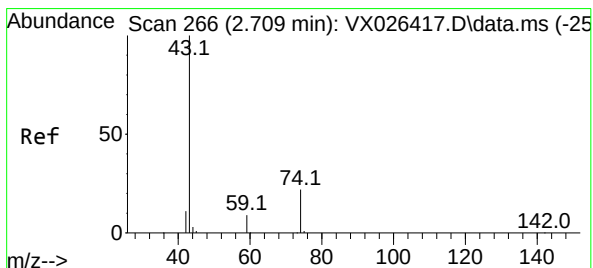
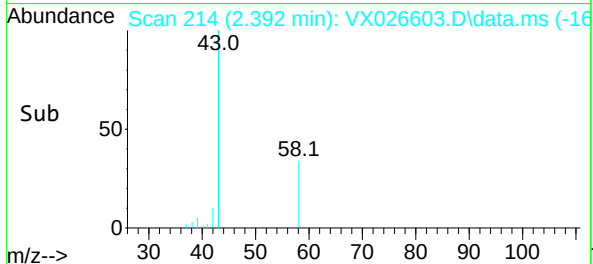
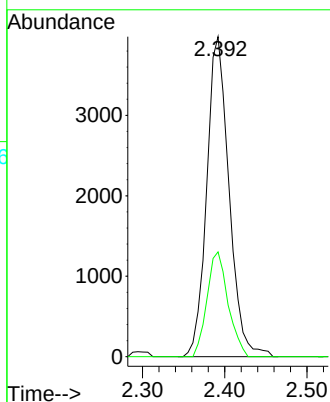
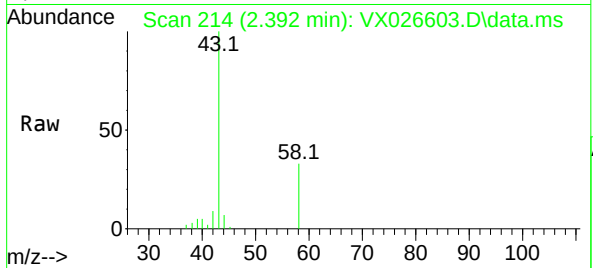




#16
Acetone
Concen: 7.666 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

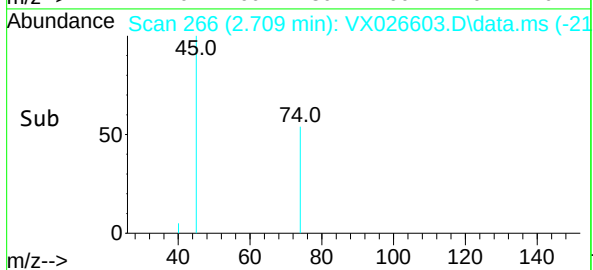
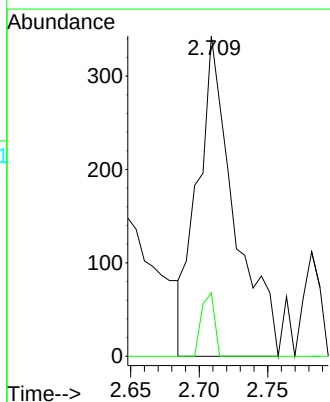
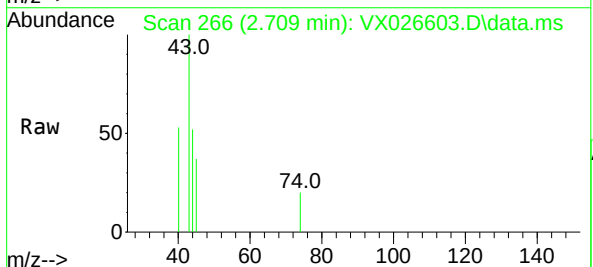
Instrument :
MSVOA_X
ClientSampleId :
MW-17

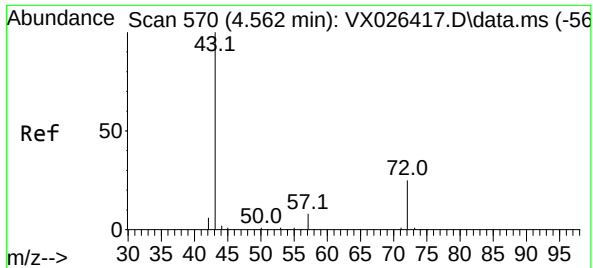
Tgt Ion: 43 Resp: 7504
Ion Ratio Lower Upper
43 100
58 32.8 23.0 34.6



#18
Methyl Acetate
Concen: 0.328 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
74 7.1 18.3 27.5#

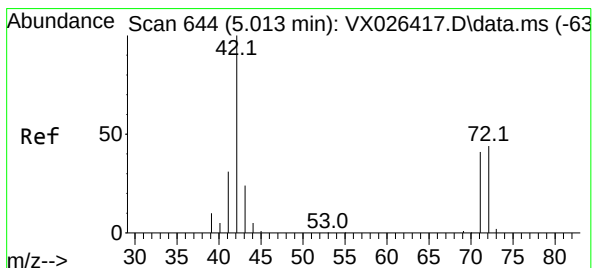
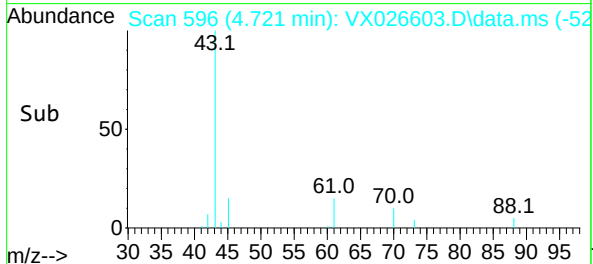
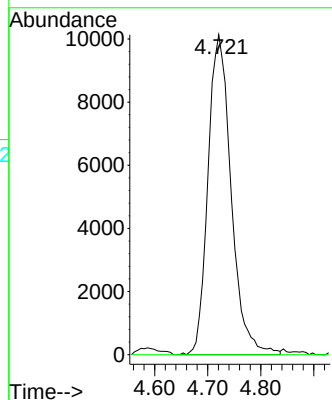
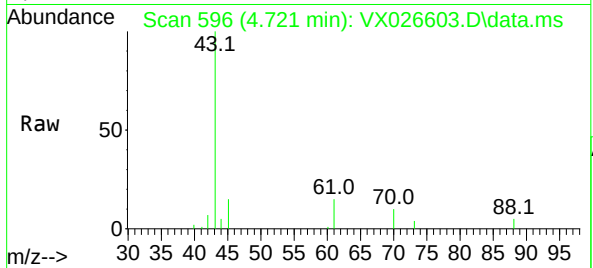




#25
2-Butanone
Concen: 24.140 ug/l
RT: 4.721 min Scan# 51
Delta R.T. 0.159 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

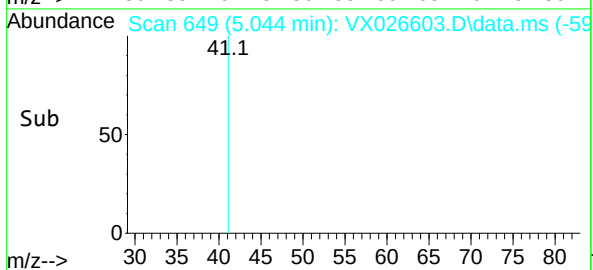
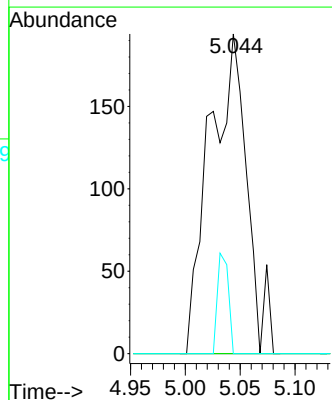
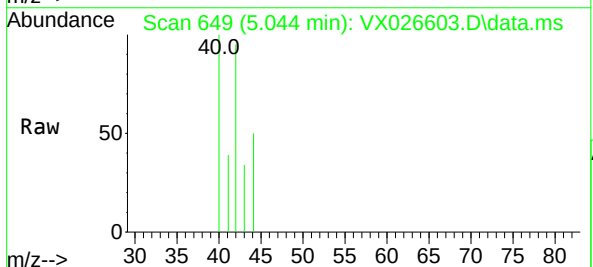
Instrument :
MSVOA_X
ClientSampleId :
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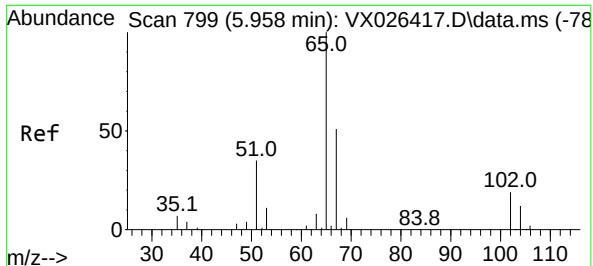
Tgt Ion: 43 Resp: 30729
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#29
Tetrahydrofuran
Concen: 0.607 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Tgt Ion: 42 Resp: 459
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 9.2 31.8 47.8#

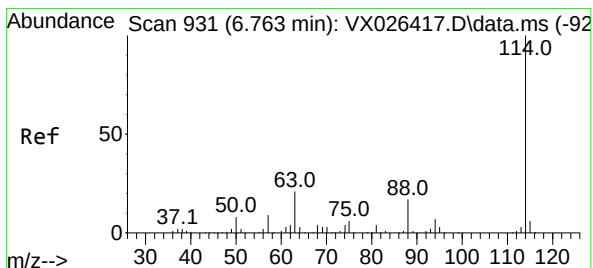
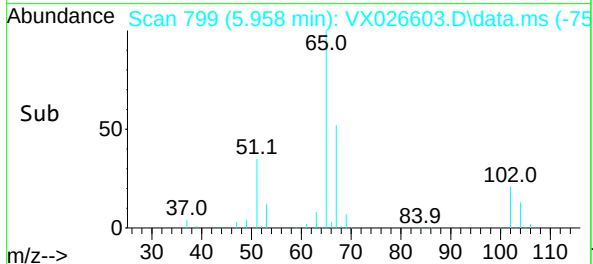
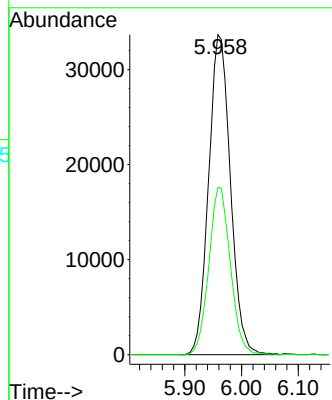
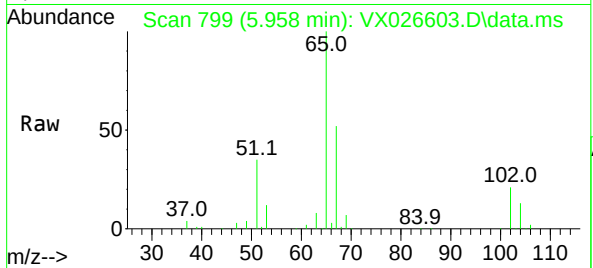




#33
 1,2-Dichloroethane-d4
 Concen: 46.845 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026603.D
 Acq: 26 Jan 2022 18:33

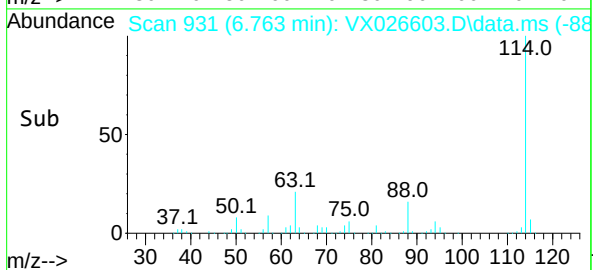
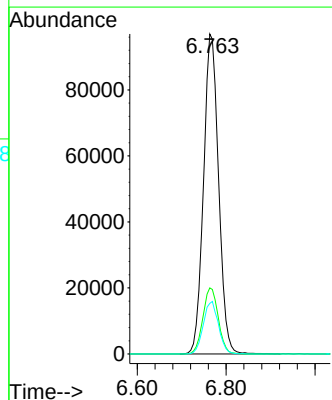
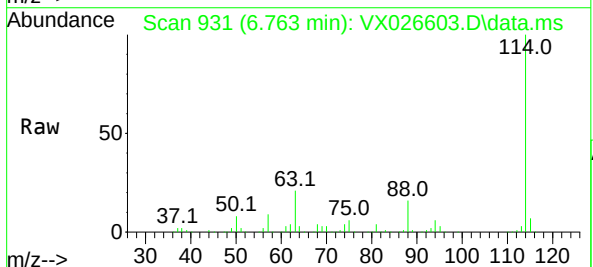
Instrument :
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 ClientSampleId :
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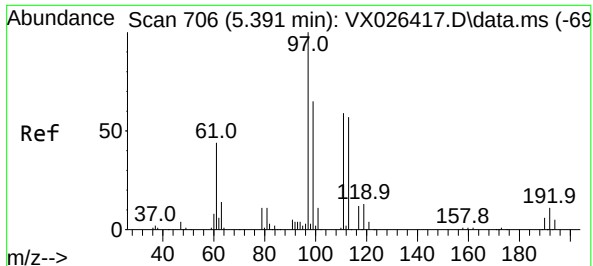
Tgt Ion: 65 Resp: 89915
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026603.D
 Acq: 26 Jan 2022 18:33

Tgt Ion: 114 Resp: 229066
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 15.8 0.0 33.0

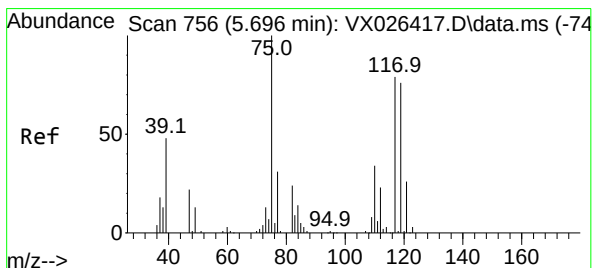
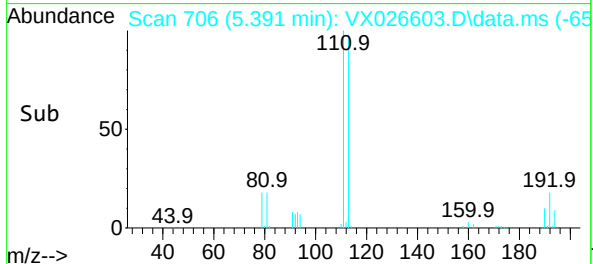
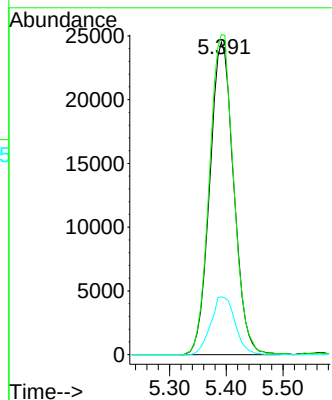
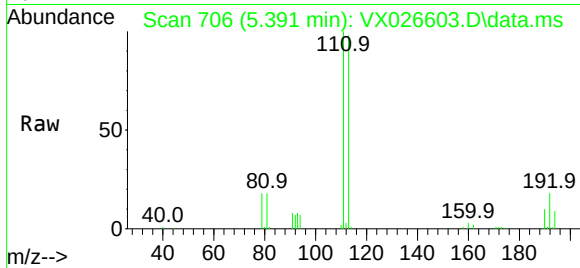




#35
Dibromofluoromethane
Concen: 48.626 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

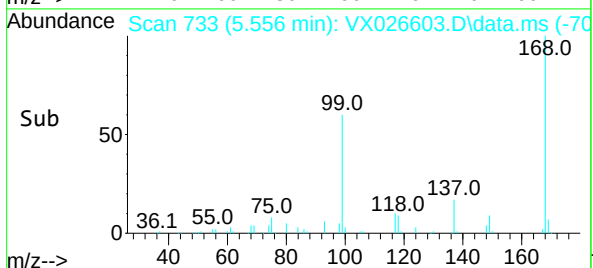
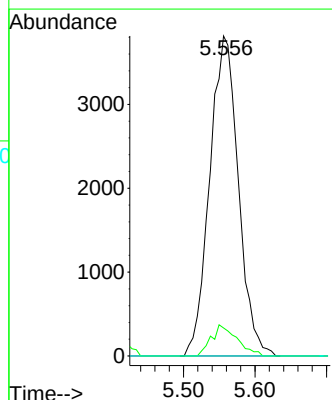
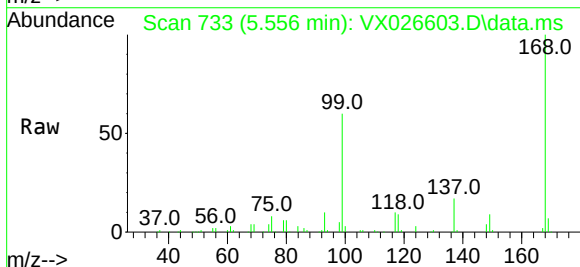
Instrument :
MSVOA_X
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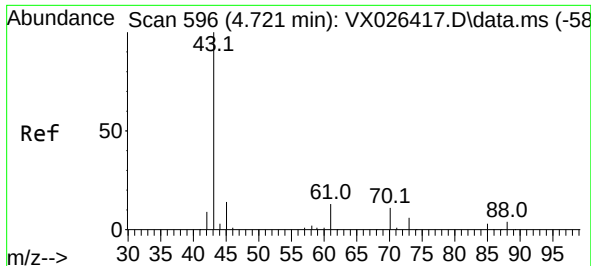
Tgt Ion:113 Resp: 71929
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 18.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Tgt Ion: 75 Resp: 10619
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 13.009 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX026603.D

Acq: 26 Jan 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

MW-17

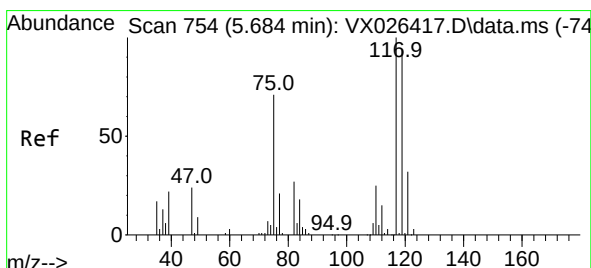
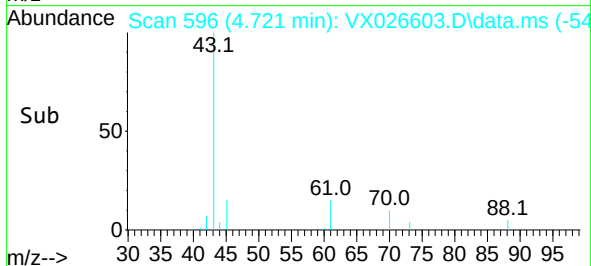
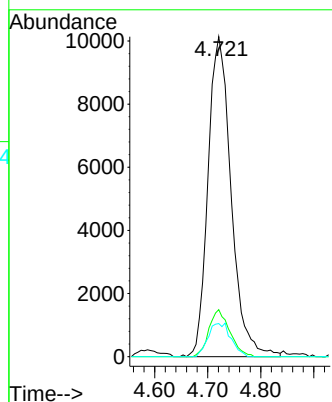
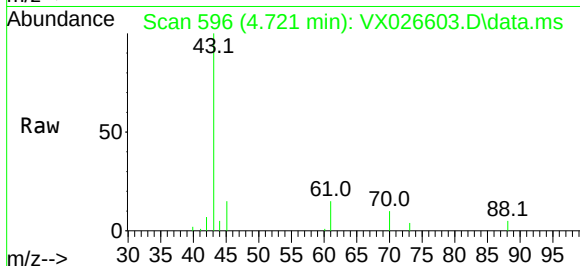
Tgt Ion: 43 Resp: 30729

Ion Ratio Lower Upper

43 100

61 13.3 10.6 16.0

70 10.3 8.5 12.7



#38

Carbon Tetrachloride

Concen: 5.881 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX026603.D

Acq: 26 Jan 2022 18:33

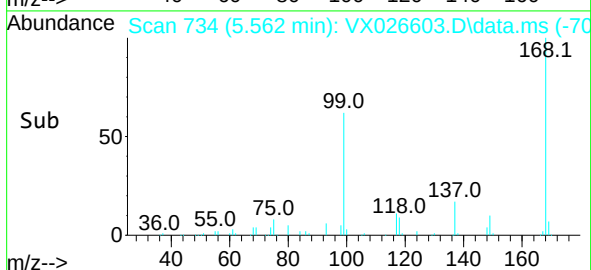
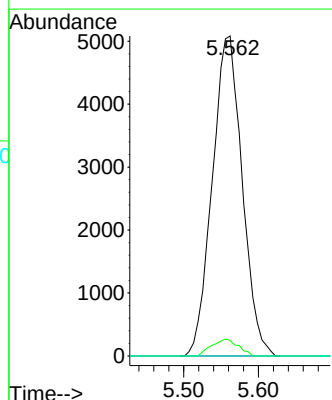
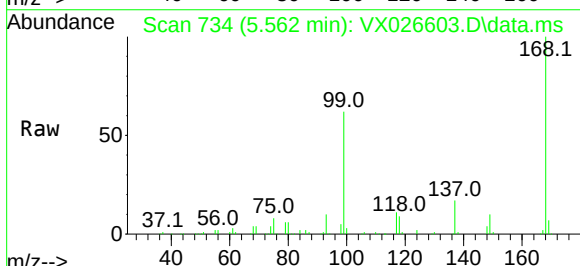
Tgt Ion: 117 Resp: 14127

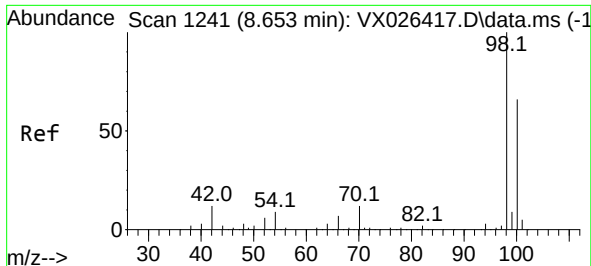
Ion Ratio Lower Upper

117 100

119 4.8 74.7 112.1#

121 0.0 25.4 38.0#

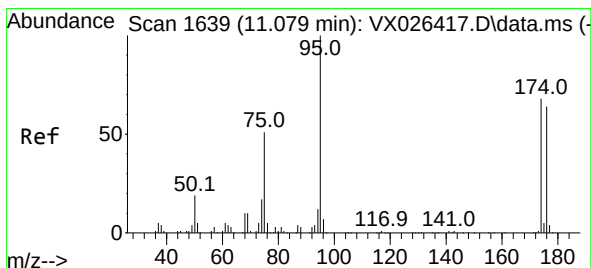
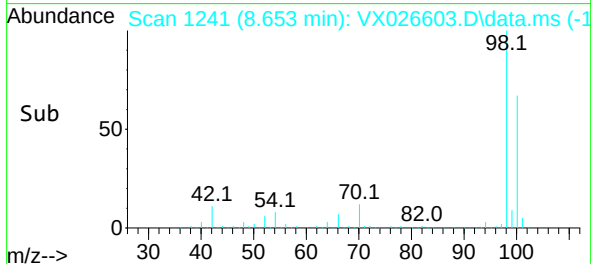
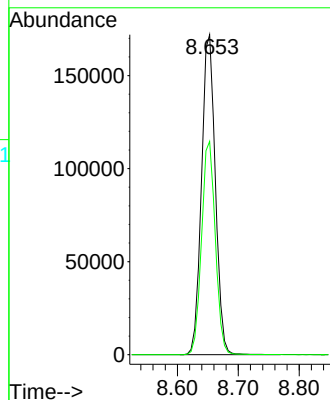
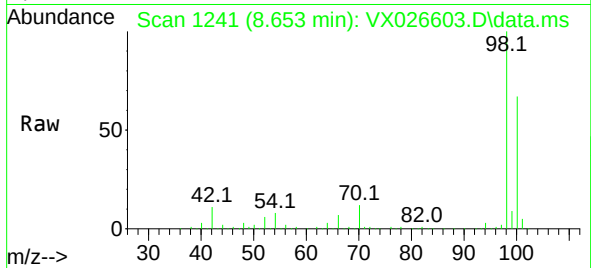




#50
Toluene-d8
Concen: 50.842 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

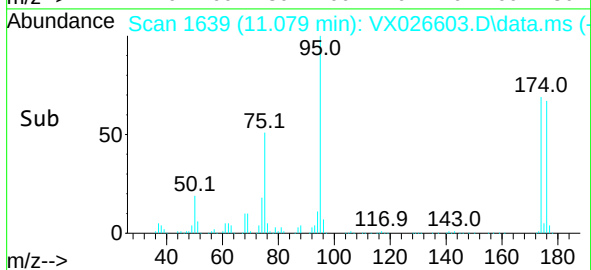
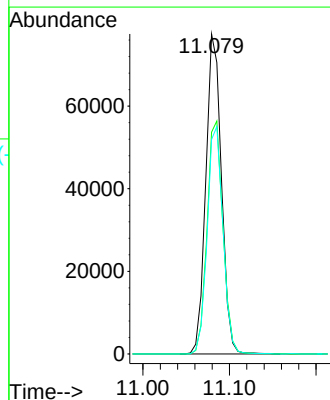
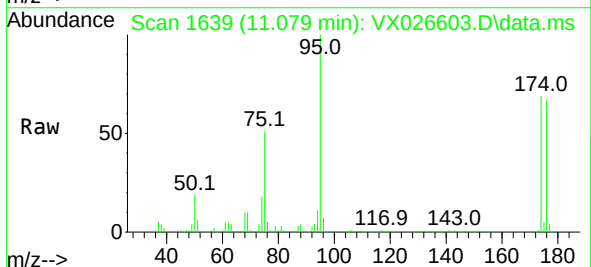
Instrument :
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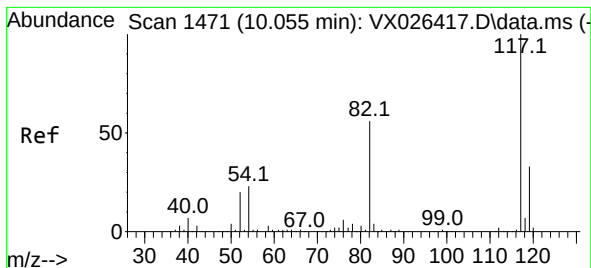
Tgt Ion: 98 Resp: 271014
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 51.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Tgt Ion: 95 Resp: 96946
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.6
176 71.9 0.0 141.4

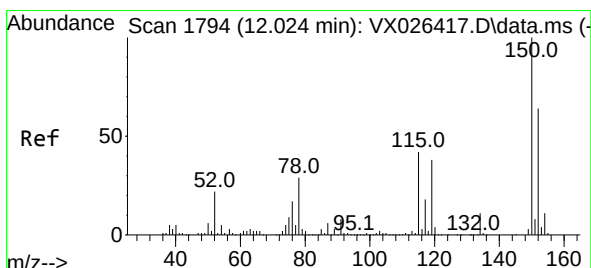
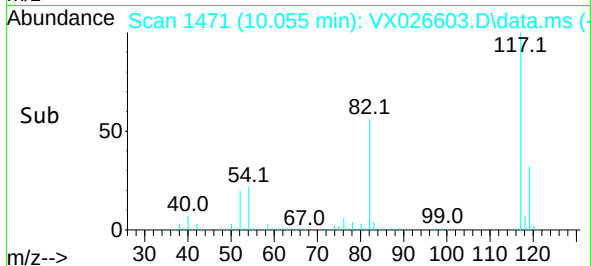
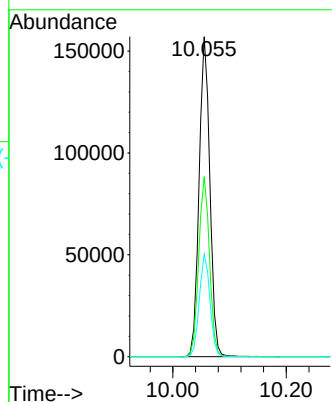
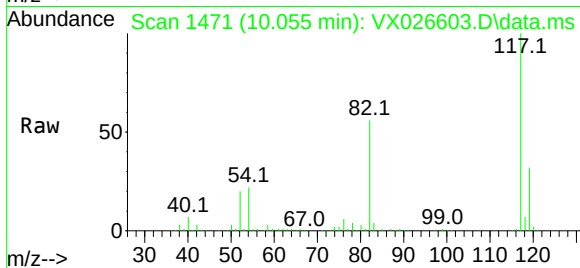




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

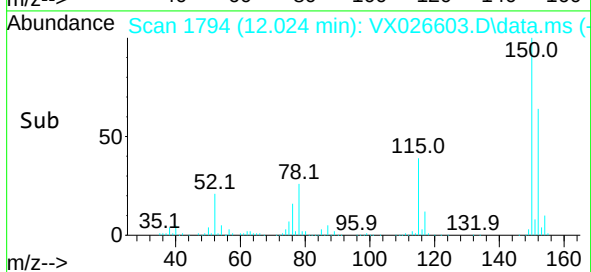
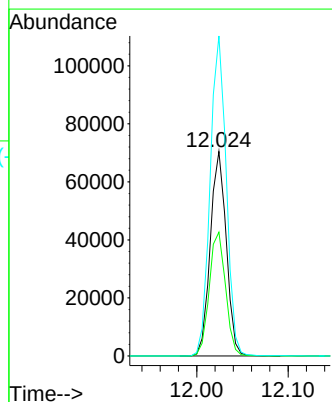
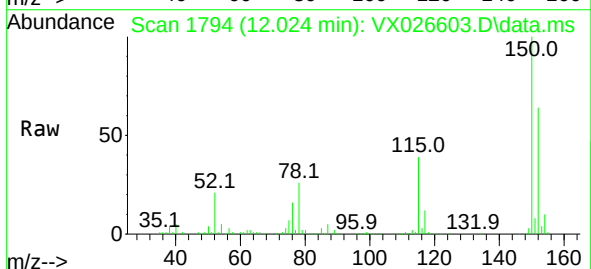
Instrument :
MSVOA_X
ClientSampleId :
MW-17

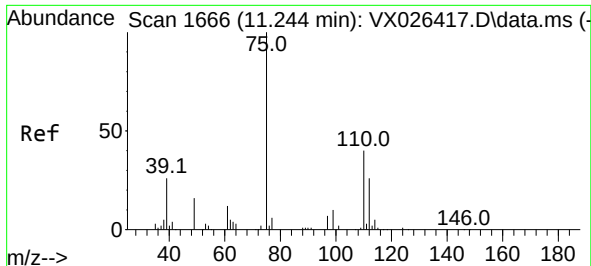
Tgt Ion:117 Resp: 206189
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Tgt Ion:152 Resp: 85357
Ion Ratio Lower Upper
152 100
115 61.8 44.2 132.6
150 157.5 0.0 348.2

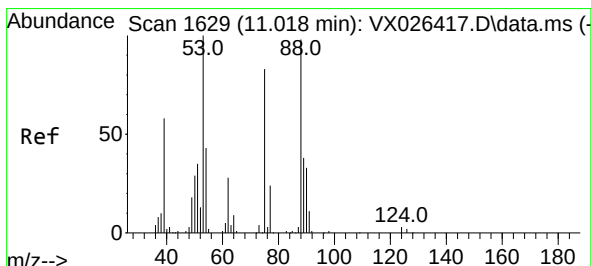
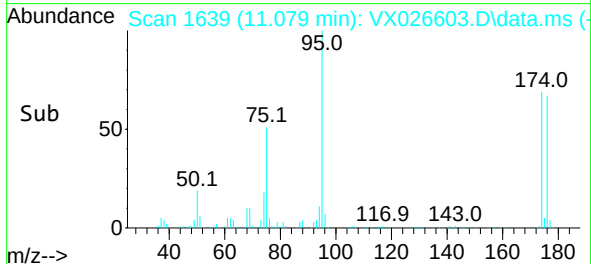
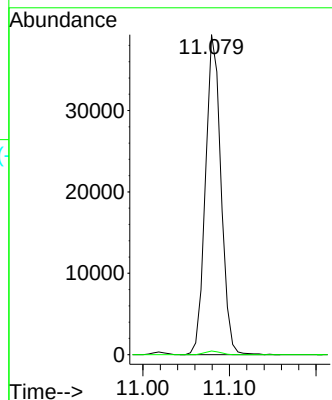
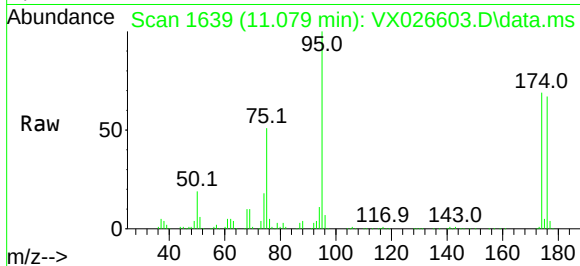




#76
1,2,3-Trichloropropane
Concen: 26.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 75 Resp: 48895
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026603.D
Acq: 26 Jan 2022 18:33

Tgt Ion: 75 Resp: 48895
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

