

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027505.D
 Acq On : 17 Mar 2022 22:31
 Operator : JC/MD
 Sample : N1997-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-111

Quant Time: Mar 18 02:08:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

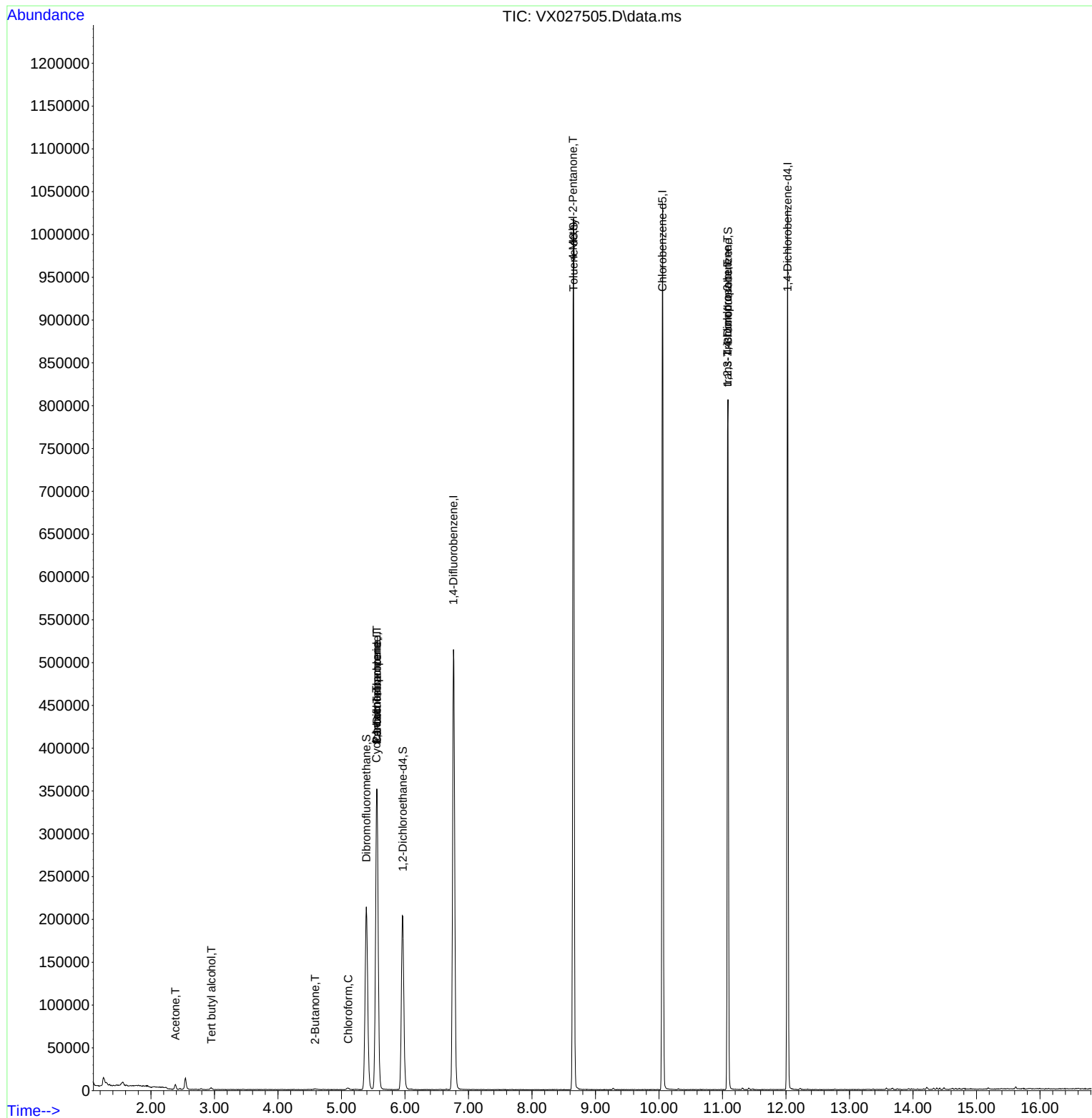
Internal Standards						
1) Pentafluorobenzene	5.556	168	352029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	204288	47.107	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.220%
35) Dibromofluoromethane	5.391	113	187945	53.927	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.860%
50) Toluene-d8	8.653	98	614520	46.596	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.200%
62) 4-Bromofluorobenzene	11.085	95	218478	45.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	523	Below Cal	#	69
11) Tert butyl alcohol	2.953	59	1284	1.554	ug/l #	72
16) Acetone	2.386	43	5781	3.270	ug/l	99
25) 2-Butanone	4.587	43	562	0.211	ug/l #	44
30) Chloroform	5.105	83	2542	0.379	ug/l	99
31) Cyclohexane	5.550	56	5648	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24171	5.075	ug/l #	49
38) Carbon Tetrachloride	5.556	117	34680	6.365	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2612	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109421	24.944	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	109421	75.757	ug/l #	15

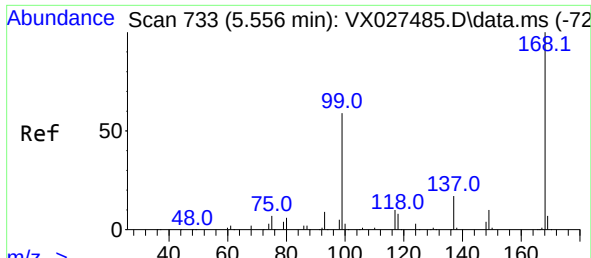
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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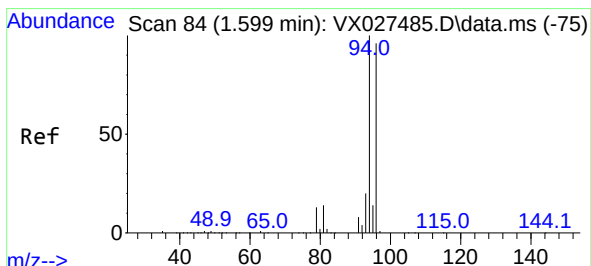
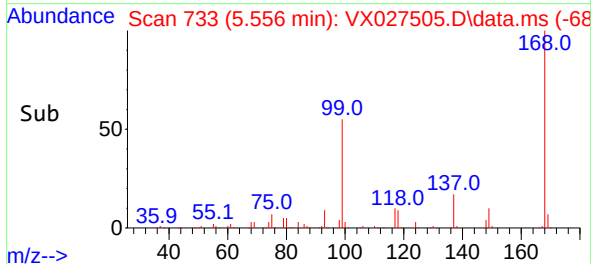
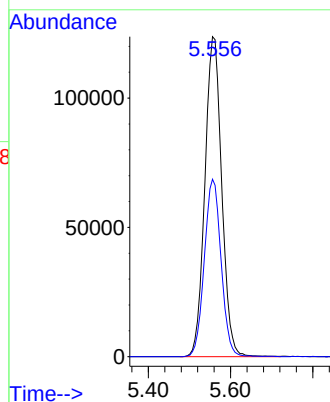
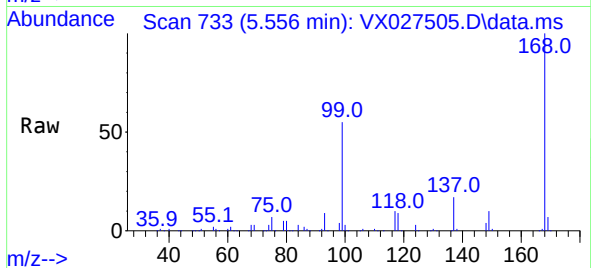




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

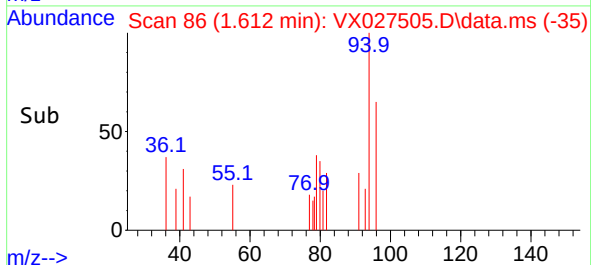
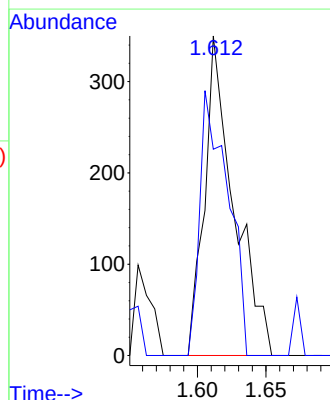
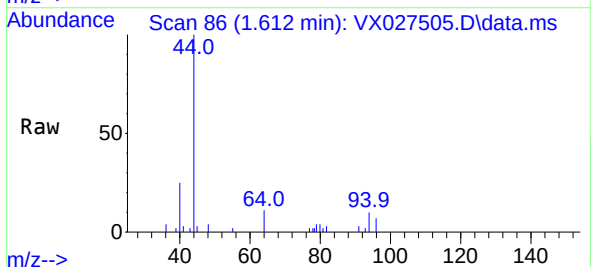
Instrument :
MSVOA_X
ClientSampleId :
MW-111

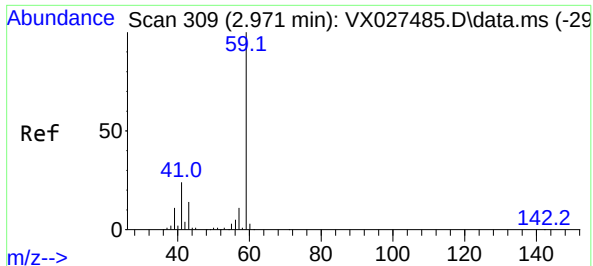
Tgt Ion:168 Resp: 352029
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 64.6 75.3 112.9#





#11

Tert butyl alcohol

Concen: 1.554 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX027505.D

Acq: 17 Mar 2022 22:31

Instrument :

MSVOA_X

ClientSampleId :

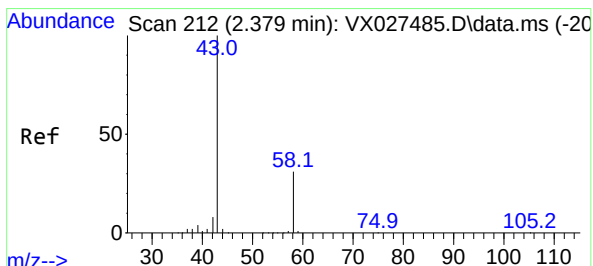
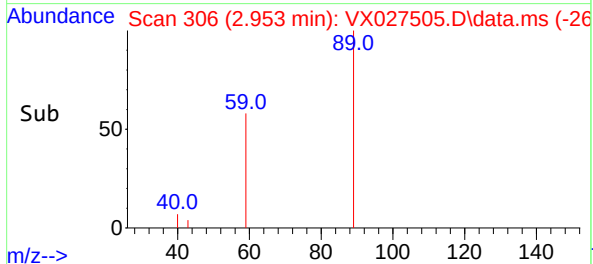
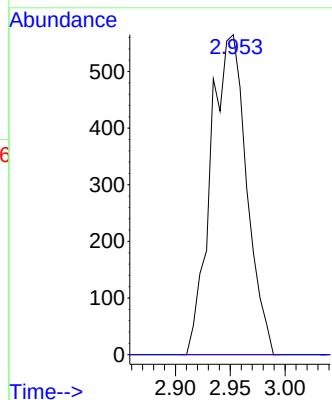
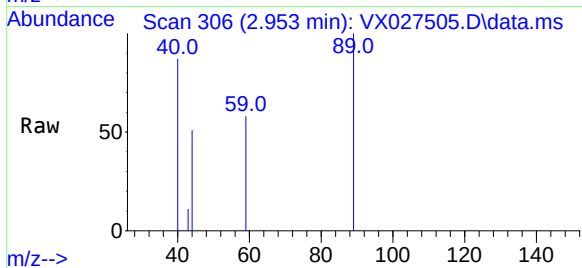
MW-111

Tgt Ion: 59 Resp: 1284

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 3.270 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027505.D

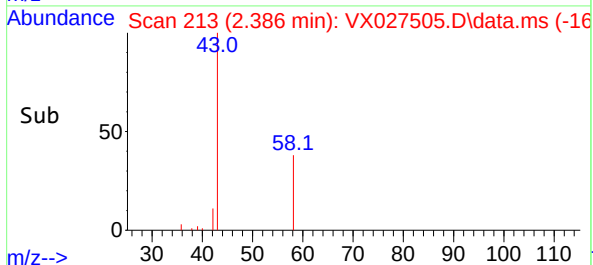
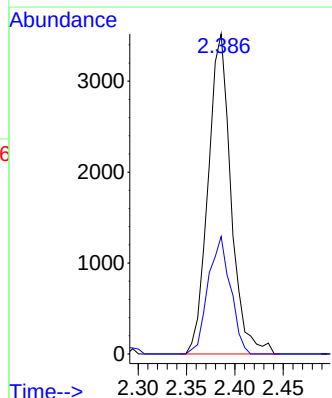
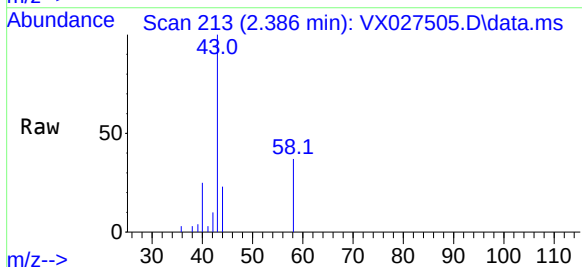
Acq: 17 Mar 2022 22:31

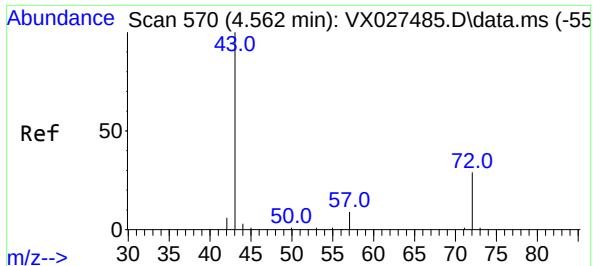
Tgt Ion: 43 Resp: 5781

Ion Ratio Lower Upper

43 100

58 36.7 28.8 43.2





#25

2-Butanone

Concen: 0.211 ug/l

RT: 4.587 min Scan# 5

Delta R.T. 0.025 min

Lab File: VX027505.D

Acq: 17 Mar 2022 22:31

Instrument :

MSVOA_X

ClientSampleId :

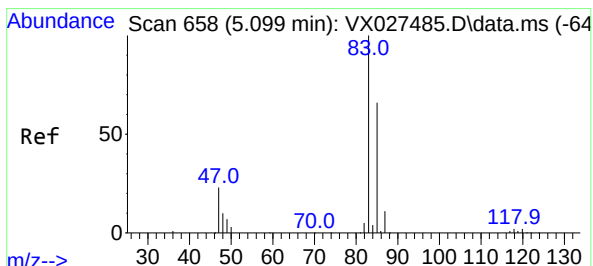
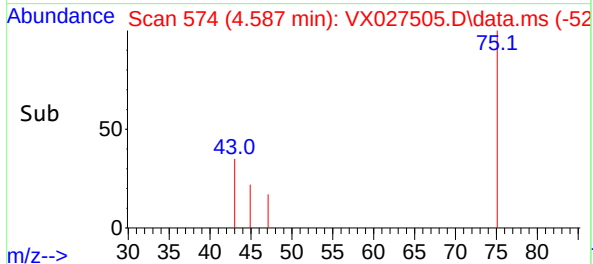
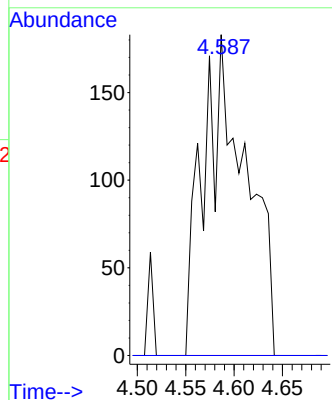
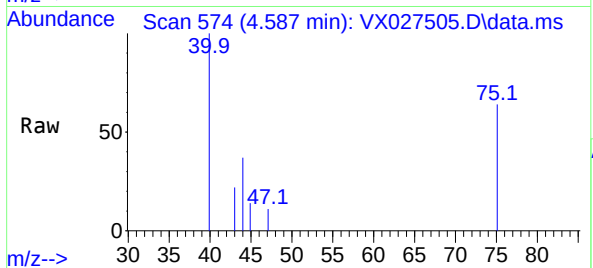
MW-111

Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#30

Chloroform

Concen: 0.379 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX027505.D

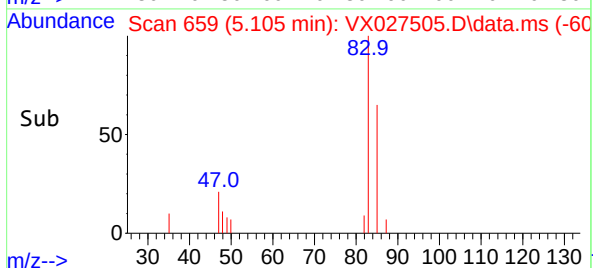
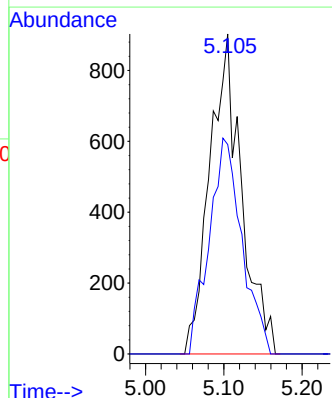
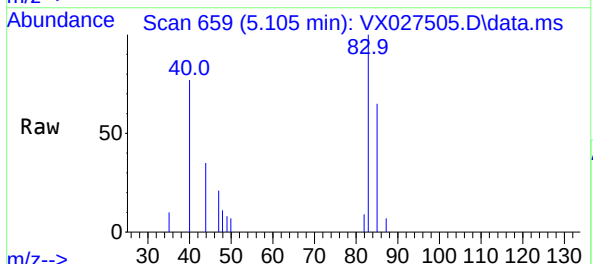
Acq: 17 Mar 2022 22:31

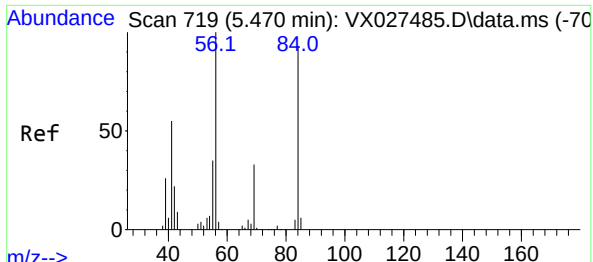
Tgt Ion: 83 Resp: 2542

Ion Ratio Lower Upper

83 100

85 65.4 52.7 79.1

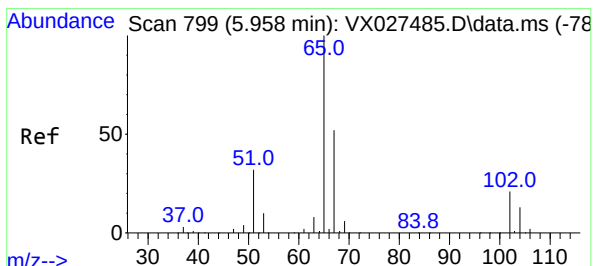
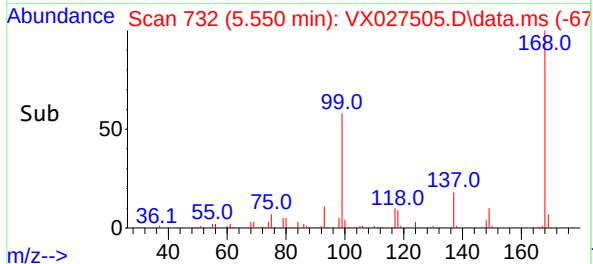
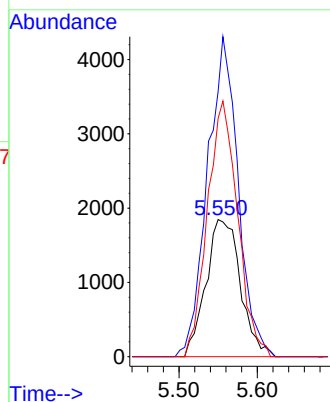
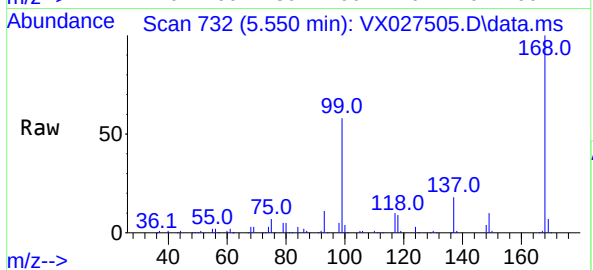




#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

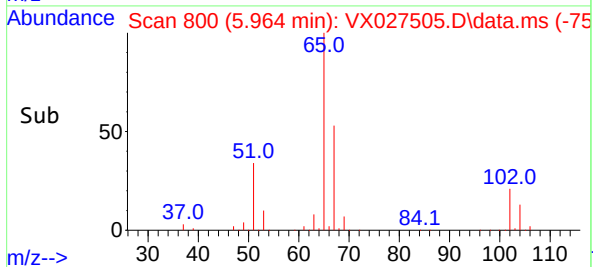
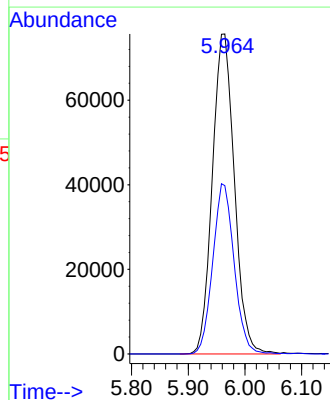
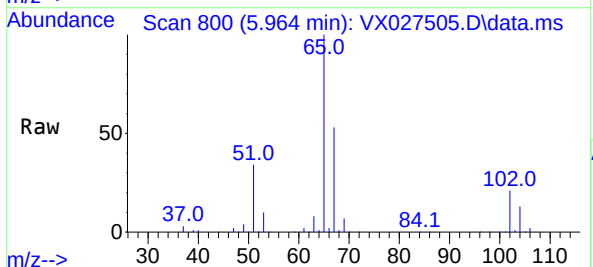
Instrument :
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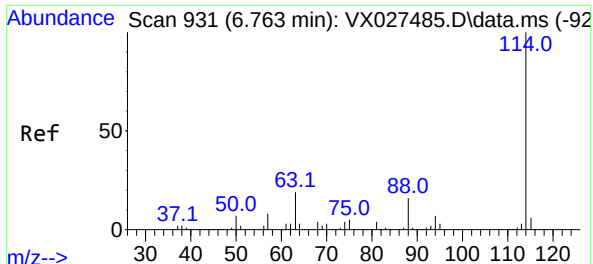
Tgt Ion: 56 Resp: 5648
Ion Ratio Lower Upper
56 100
69 193.3 26.7 40.1#
84 173.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.107 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Tgt Ion: 65 Resp: 204288
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

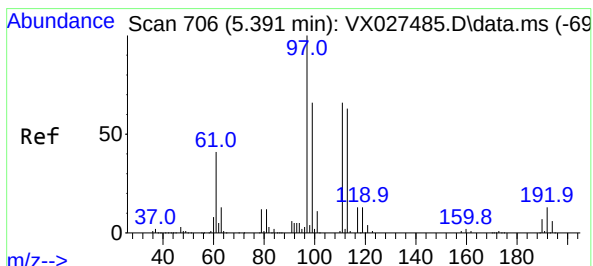
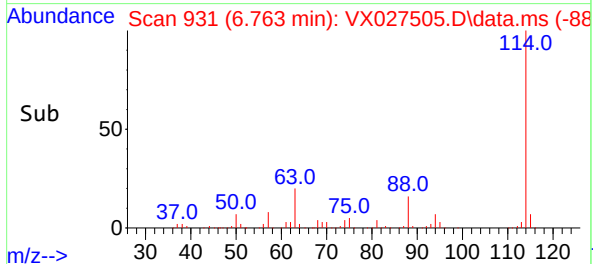
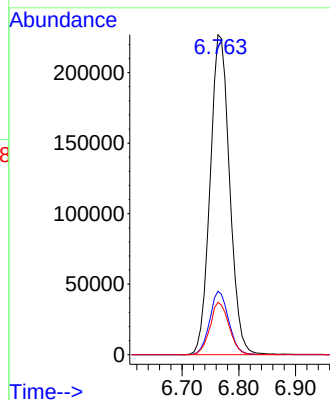
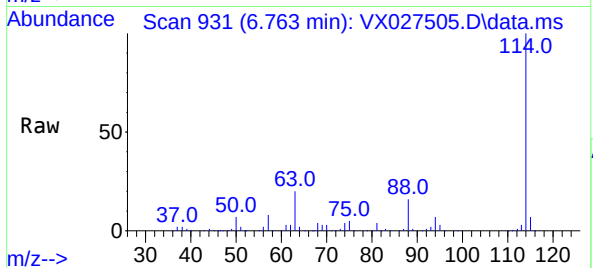




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

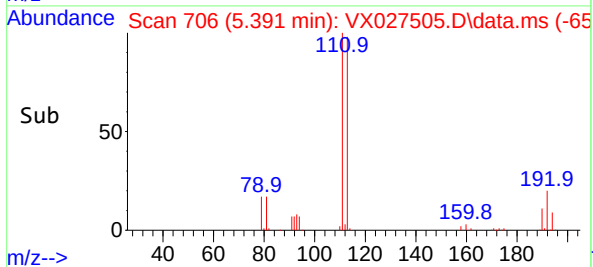
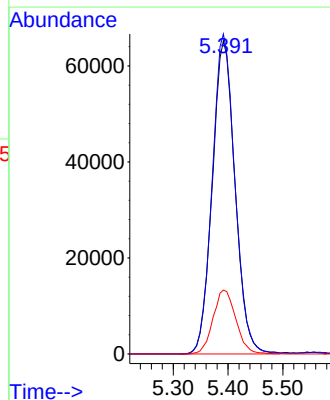
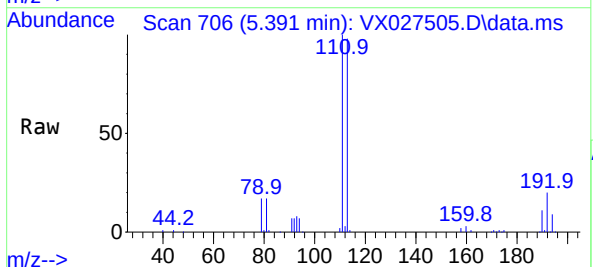
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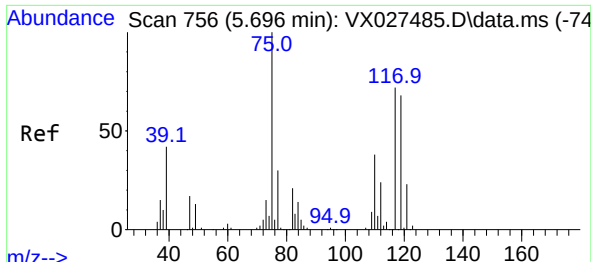
Tgt Ion:114 Resp: 541700
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.927 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Tgt Ion:113 Resp: 187945
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 20.5 16.9 25.3

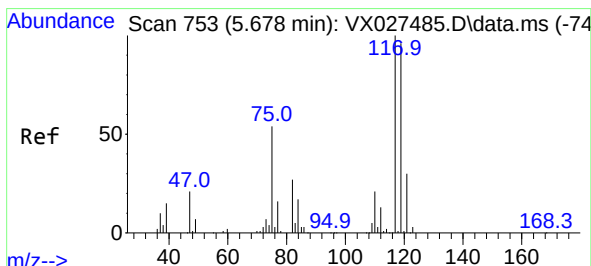
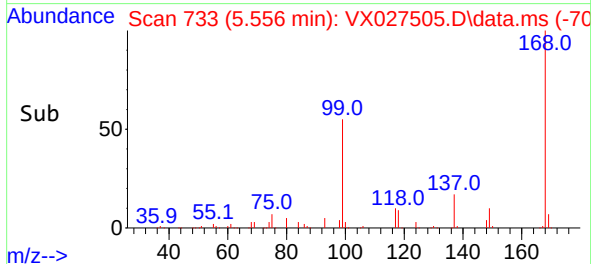
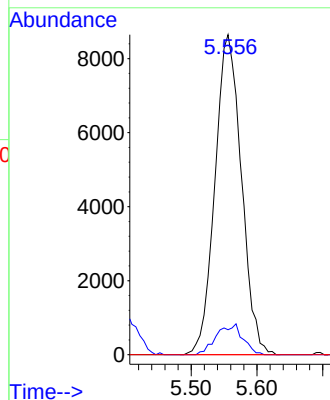
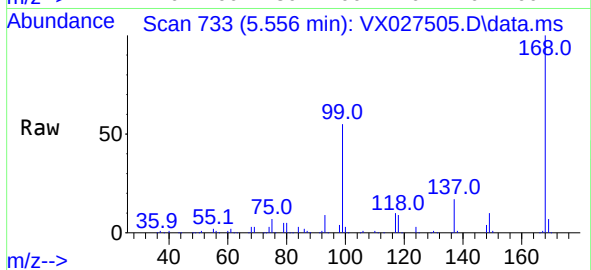




#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

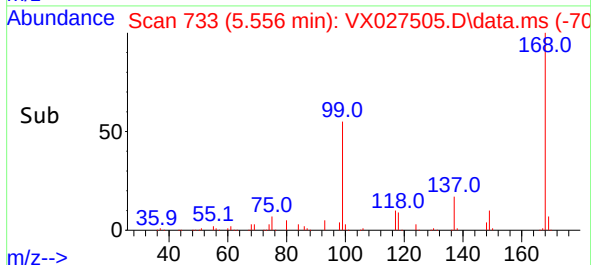
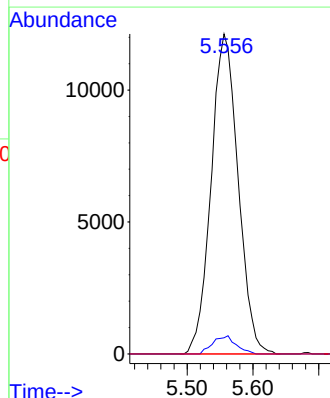
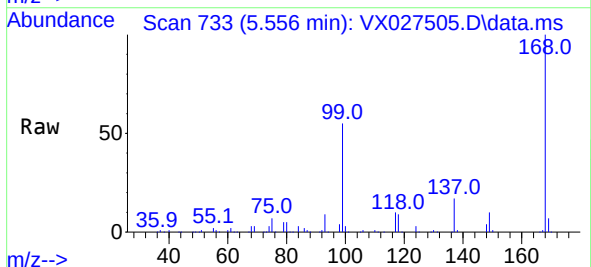
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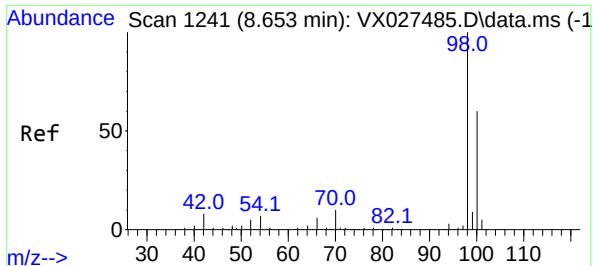
Tgt Ion: 75 Resp: 24171
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Tgt Ion: 117 Resp: 34680
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#

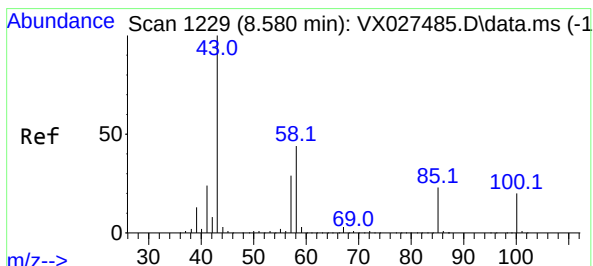
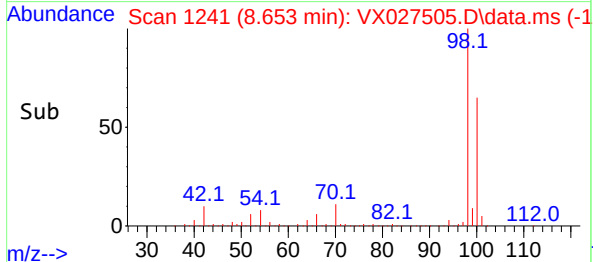
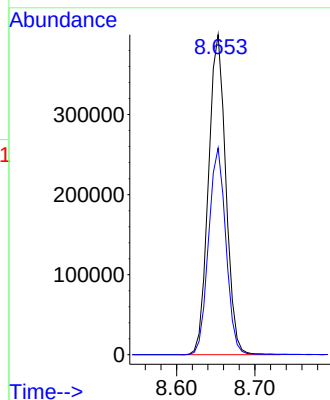
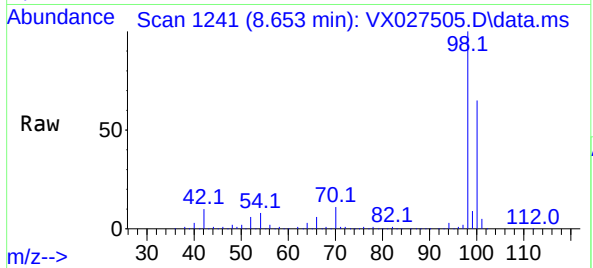




#50
Toluene-d8
Concen: 46.596 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

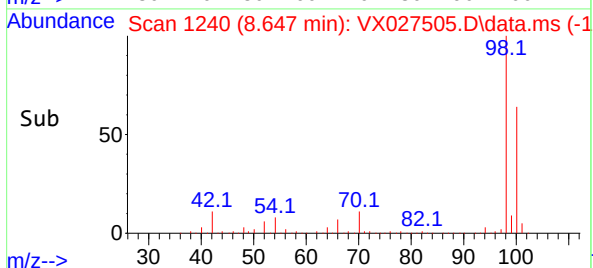
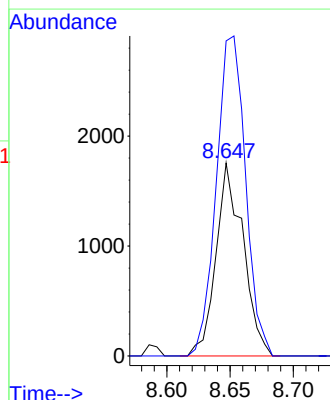
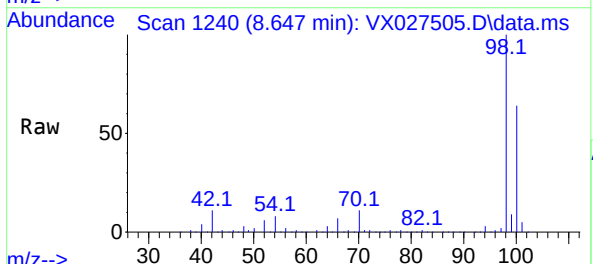
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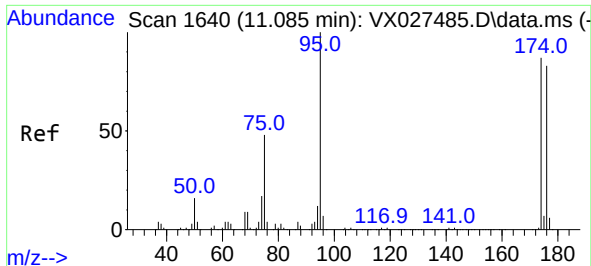
Tgt Ion: 98 Resp: 614520
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Tgt Ion: 43 Resp: 2612
Ion Ratio Lower Upper
43 100
58 179.0 36.1 54.1#

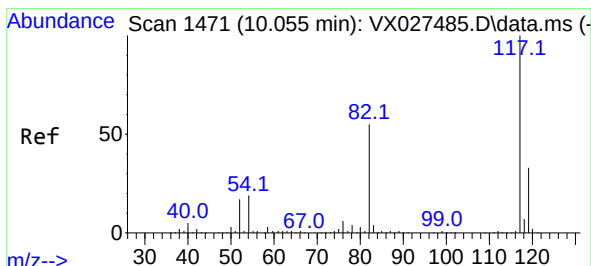
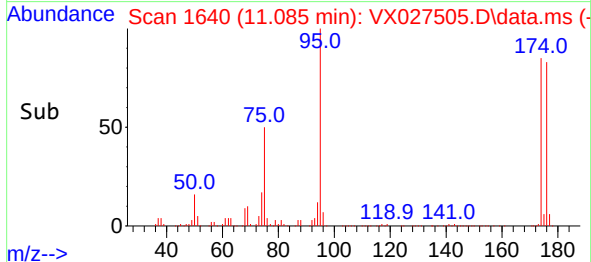
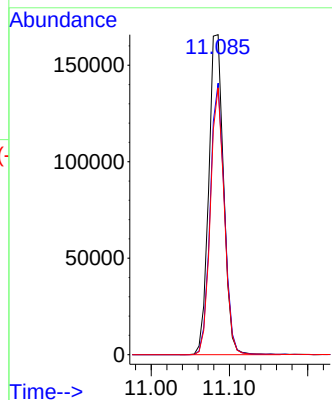
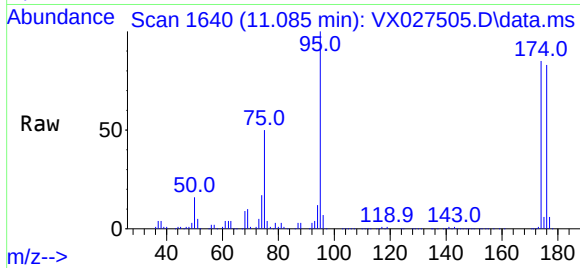




#62
4-Bromofluorobenzene
Concen: 45.071 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

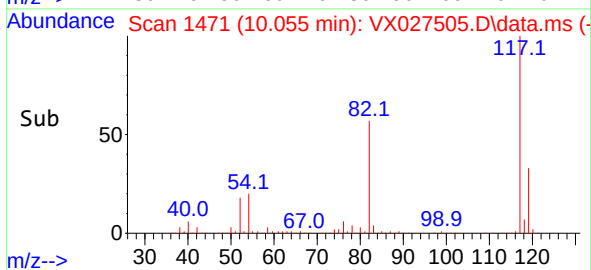
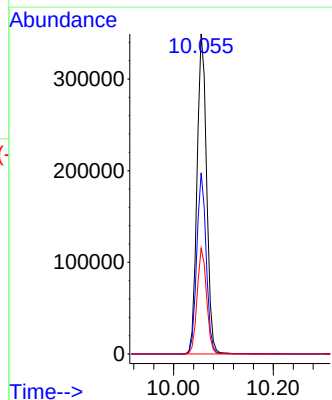
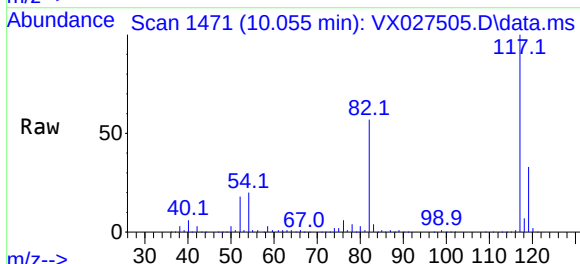
Instrument :
MSVOA_X
ClientSampleId :
MW-111

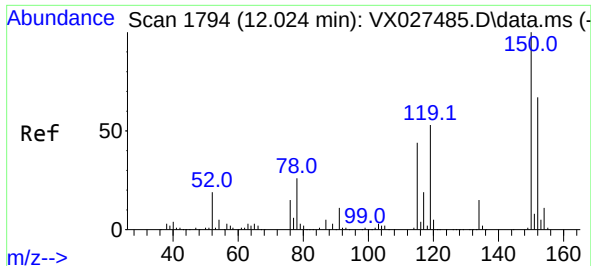
Tgt Ion: 95 Resp: 218478
Ion Ratio Lower Upper
95 100
174 80.9 0.0 163.0
176 78.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Tgt Ion: 117 Resp: 466522
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 33.1 24.8 37.2

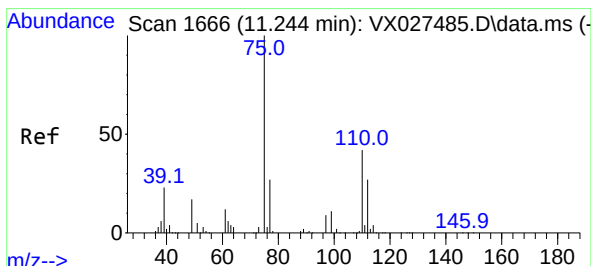
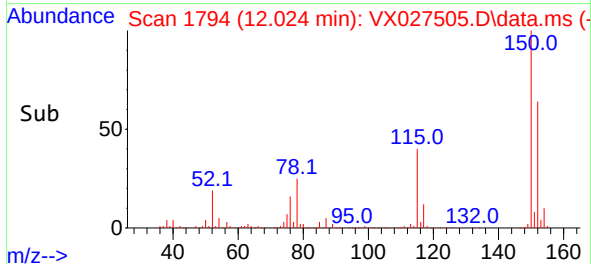
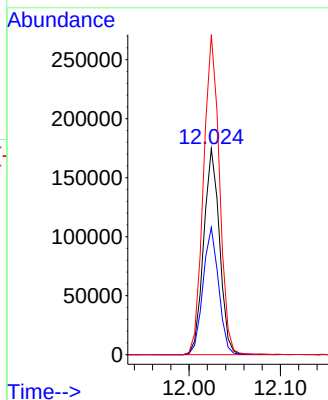
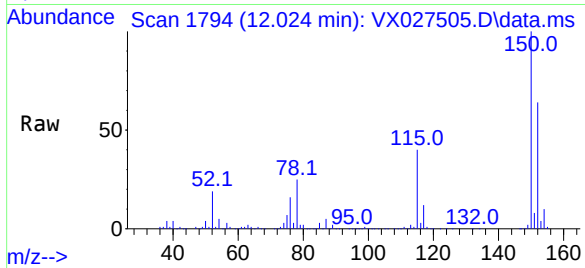




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

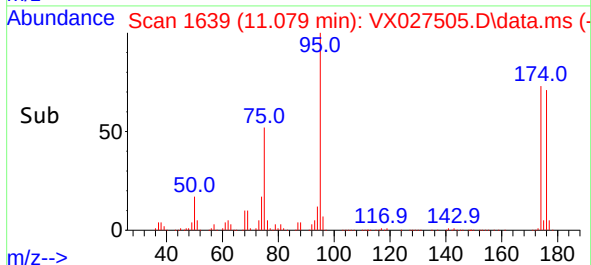
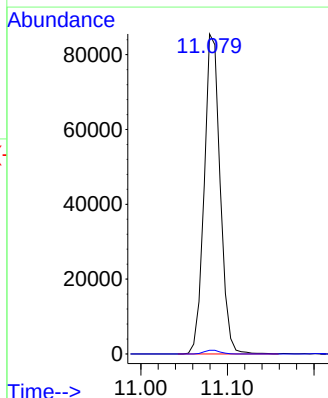
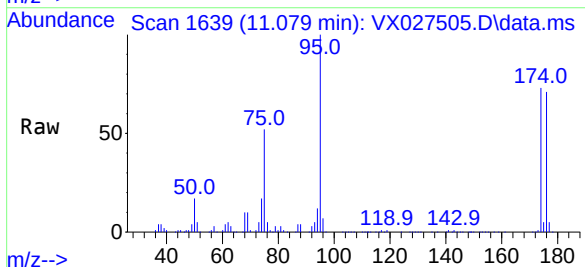
Instrument :
MSVOA_X
ClientSampleId :
MW-111

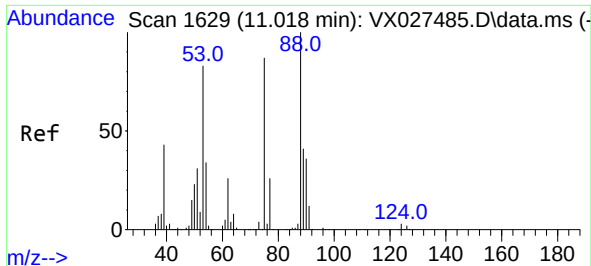
Tgt Ion:152 Resp: 209718
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 156.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Tgt Ion: 75 Resp: 109421
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.757 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX027505.D
Acq: 17 Mar 2022 22:31

Instrument :
MSVOA_X
ClientSampleId :
MW-111

Tgt Ion: 75 Resp: 109421
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

