

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026894.D
 Acq On : 10 Feb 2022 02:10
 Operator : JC/MD
 Sample : N1447-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 03:53:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

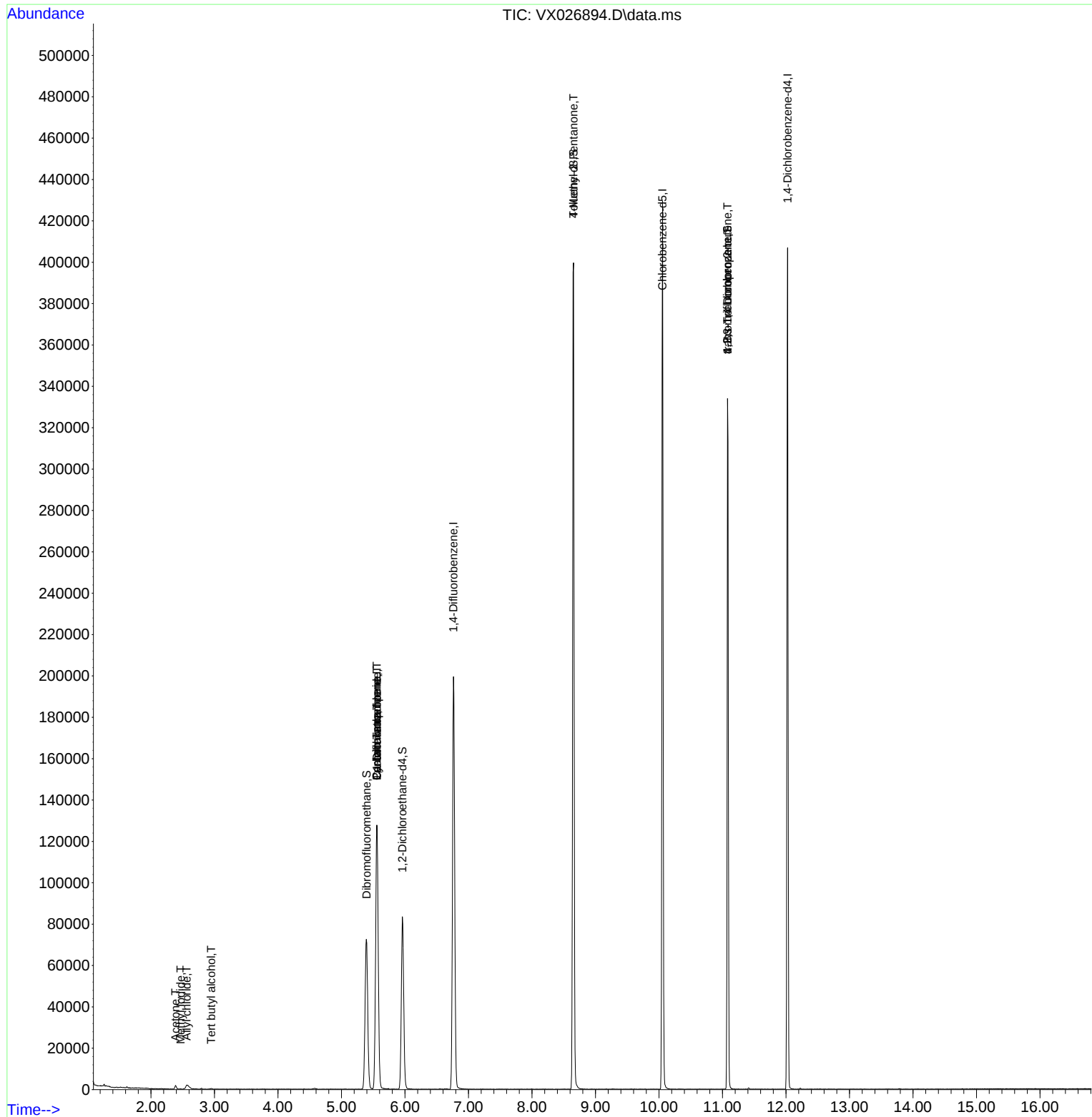
Internal Standards						
1) Pentafluorobenzene	5.556	168	122453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79511	54.092	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.180%		
35) Dibromofluoromethane	5.397	113	64498	52.499	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.000%		
50) Toluene-d8	8.653	98	242374	53.745	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.500%		
62) 4-Bromofluorobenzene	11.079	95	92438	58.221	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 116.440%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	149	2.336	ug/l #	37
11) Tert butyl alcohol	2.947	59	193	0.727	ug/l #	75
14) Allyl chloride	2.563	41	445	0.200	ug/l #	25
16) Acetone	2.386	43	2010	3.113	ug/l	97
31) Cyclohexane	5.556	56	2450	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9325	4.811	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12602	6.201	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1028	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45819	25.327	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45819	77.208	ug/l #	3

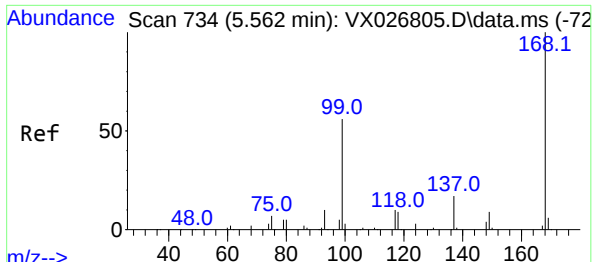
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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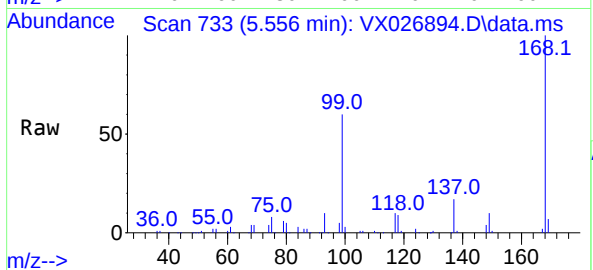
Quant Time: Feb 10 03:53:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



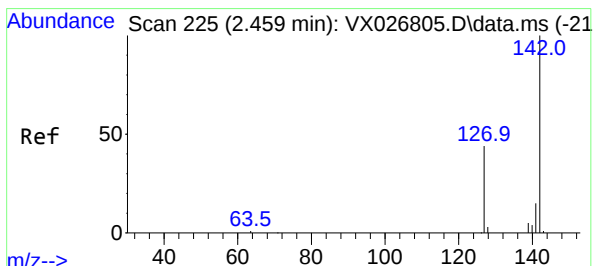
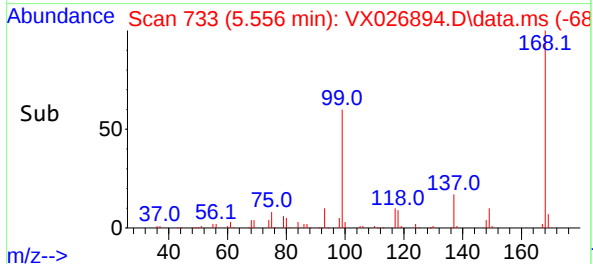
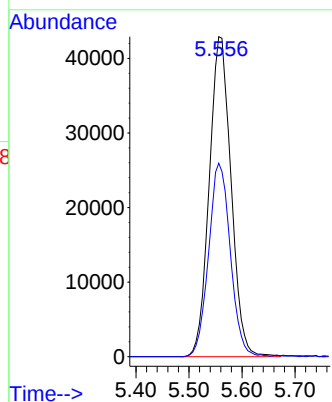


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Instrument :
MSVOA_X
ClientSampleId :

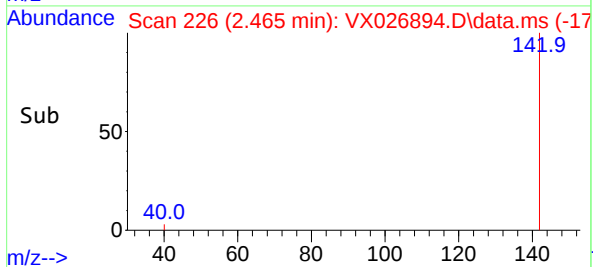
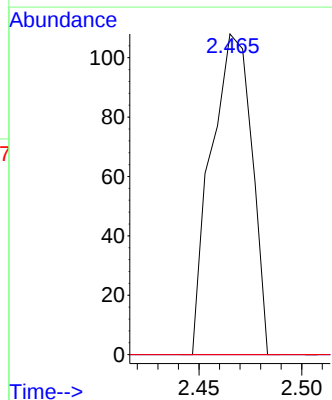
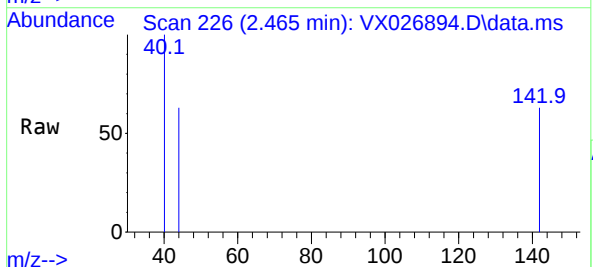


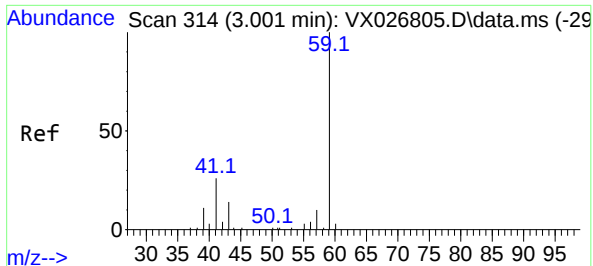
Tgt Ion:168 Resp: 122453
Ion Ratio Lower Upper
168 100
99 60.5 50.3 75.5



#10
Methyl Iodide
Concen: 2.336 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Tgt Ion:142 Resp: 149
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.727 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.054 min

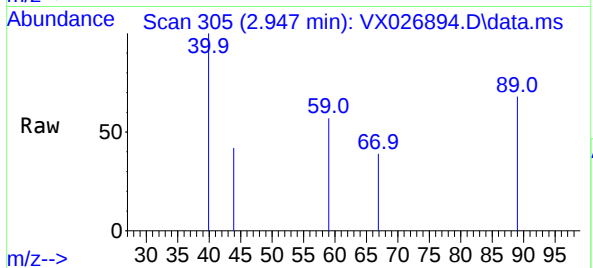
Lab File: VX026894.D

Acq: 10 Feb 2022 02:10

Instrument :

MSVOA_X

ClientSampleId :

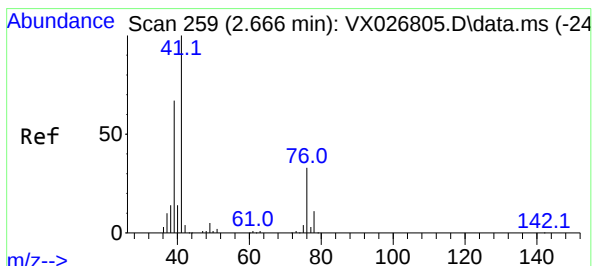
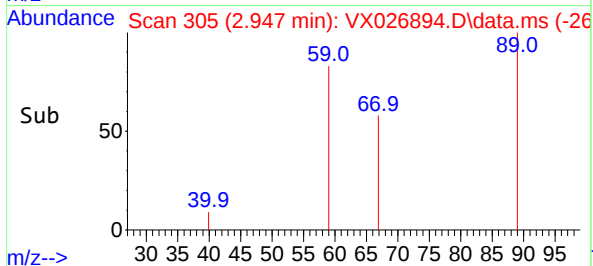
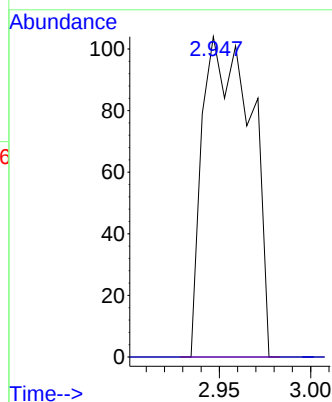


Tgt Ion: 59 Resp: 193

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.200 ug/l

RT: 2.563 min Scan# 242

Delta R.T. -0.103 min

Lab File: VX026894.D

Acq: 10 Feb 2022 02:10

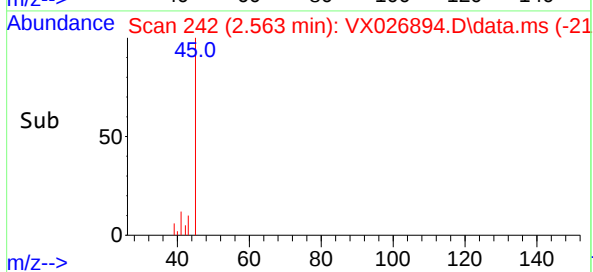
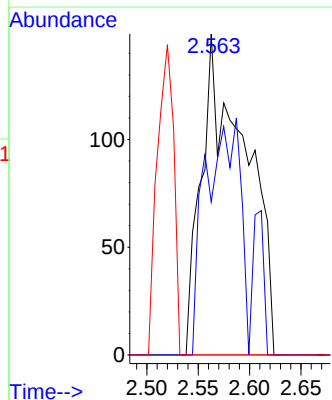
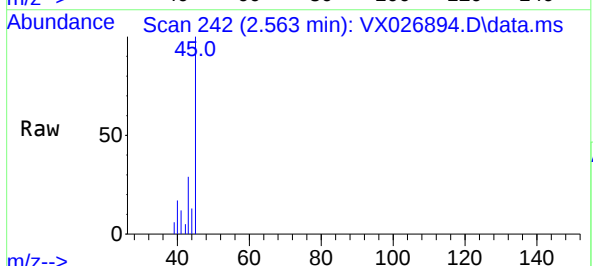
Tgt Ion: 41 Resp: 445

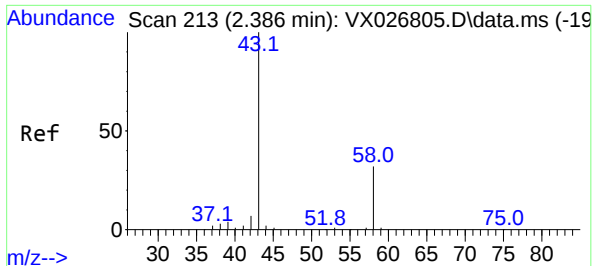
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 25.2 37.8#

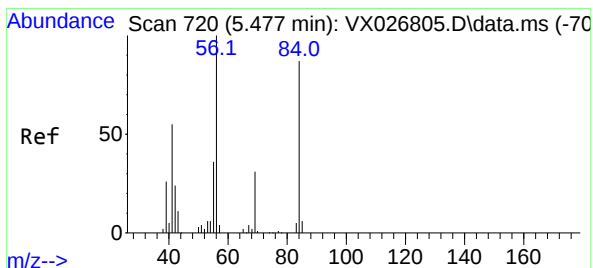
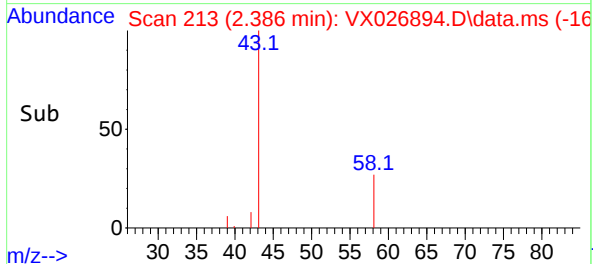
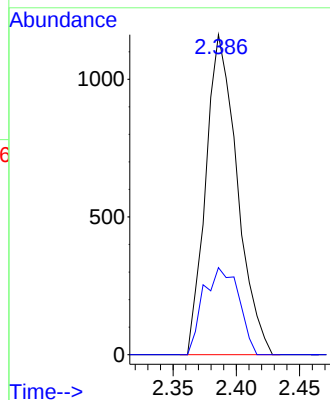
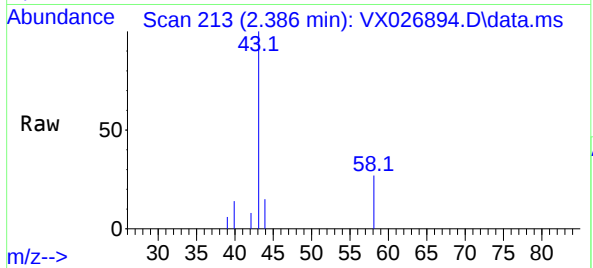




#16
Acetone
Concen: 3.113 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

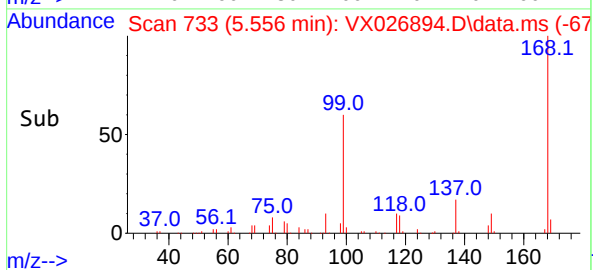
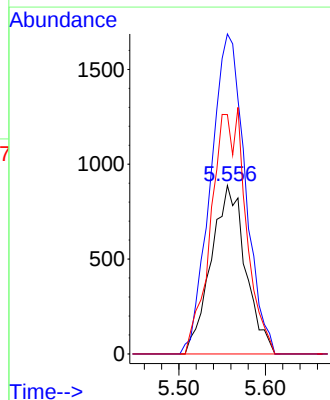
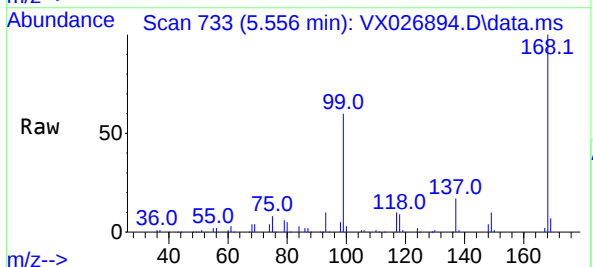
Instrument :
MSVOA_X
ClientSampleId :

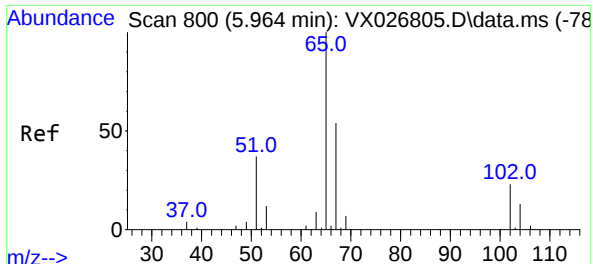
Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 27.2 23.0 34.6



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Tgt Ion: 56 Resp: 2450
Ion Ratio Lower Upper
56 100
69 190.0 25.8 38.6#
84 142.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.092 ug/l

RT: 5.958 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX026894.D

Acq: 10 Feb 2022 02:10

Instrument :

MSVOA_X

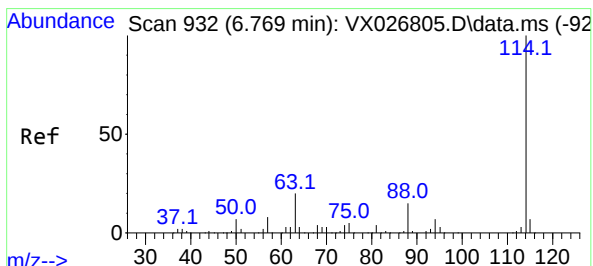
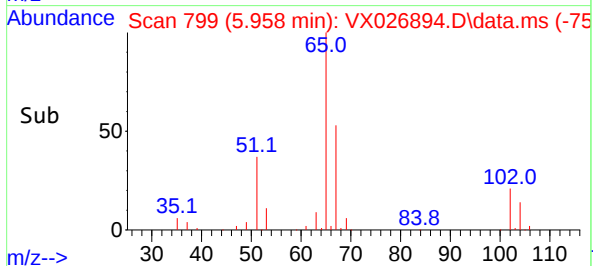
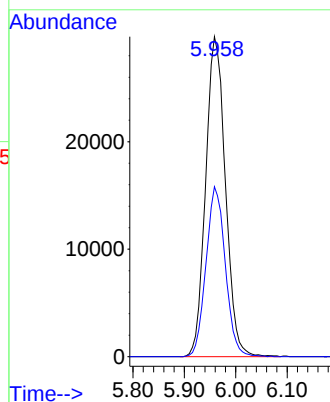
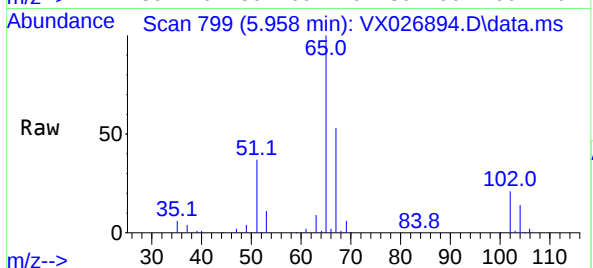
ClientSampleId :

Tgt Ion: 65 Resp: 79511

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026894.D

Acq: 10 Feb 2022 02:10

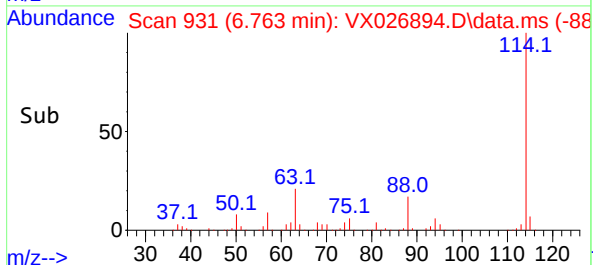
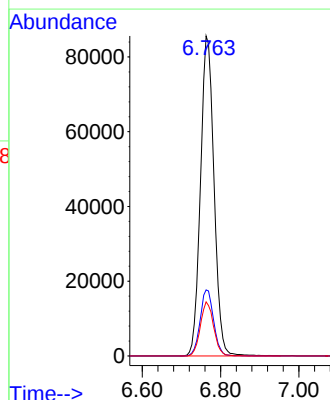
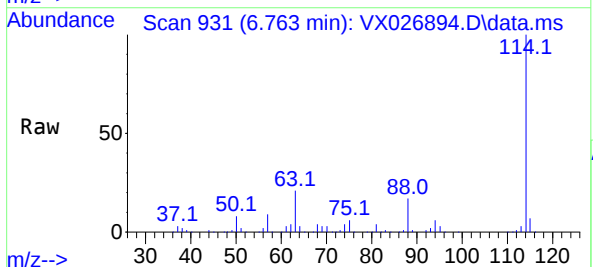
Tgt Ion: 114 Resp: 206209

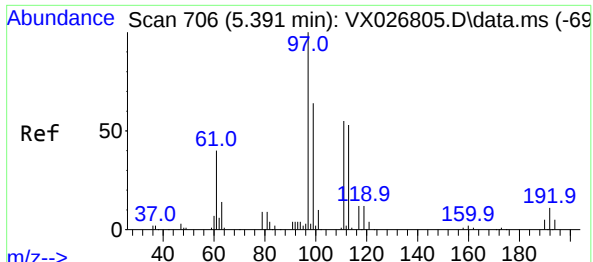
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

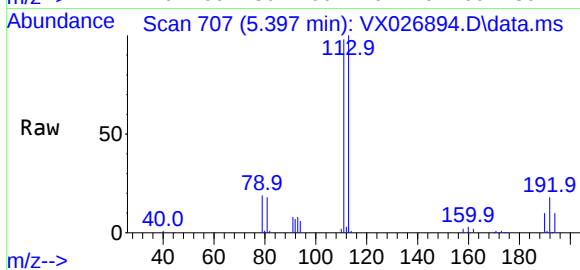
88 16.9 0.0 33.0



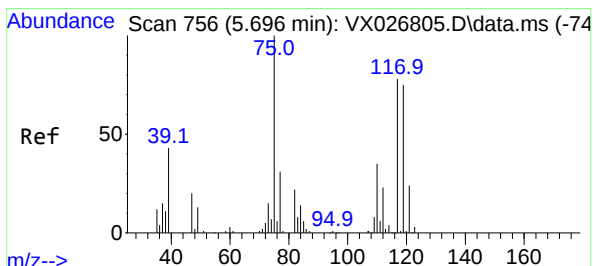
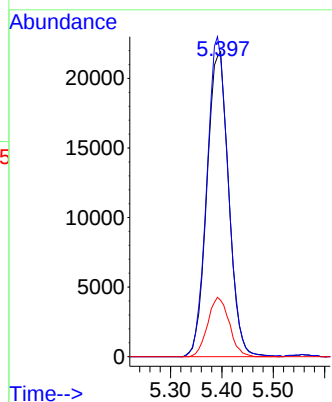
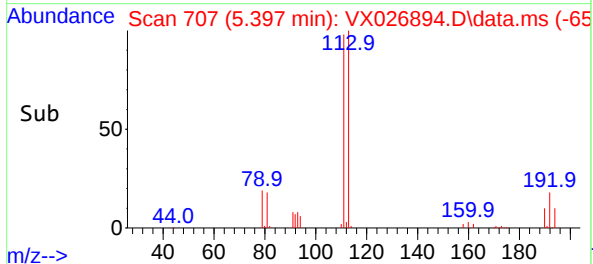


#35
Dibromofluoromethane
Concen: 52.499 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Instrument :
MSVOA_X
ClientSampleId :

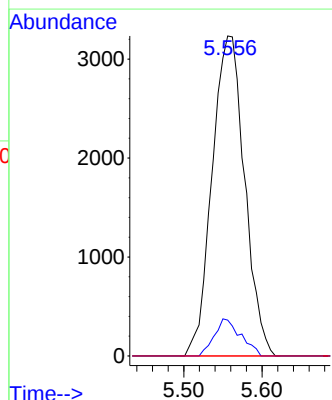
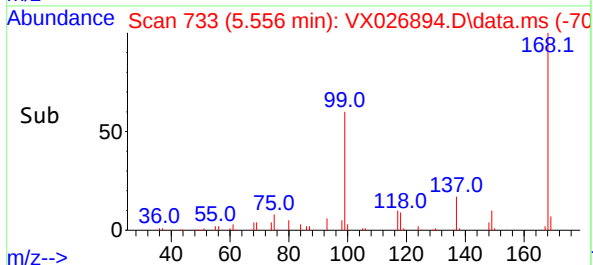
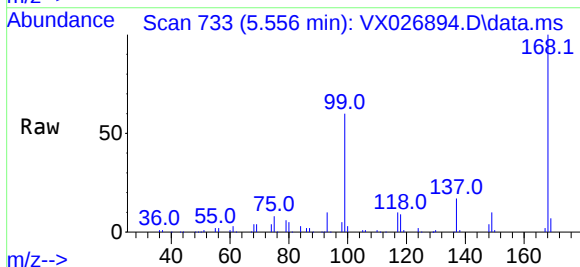


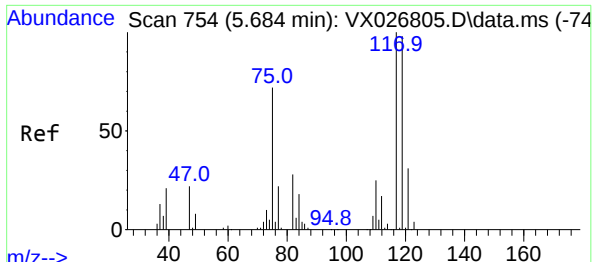
Tgt Ion:113 Resp: 64498
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

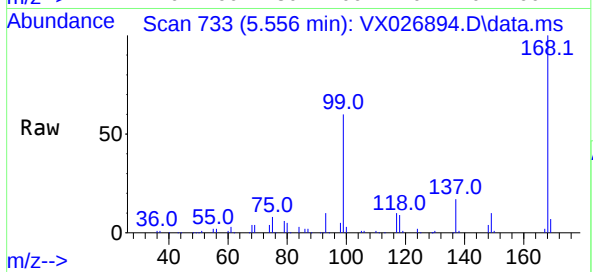
Tgt Ion: 75 Resp: 9325
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



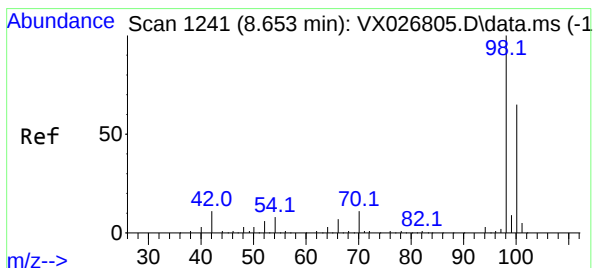
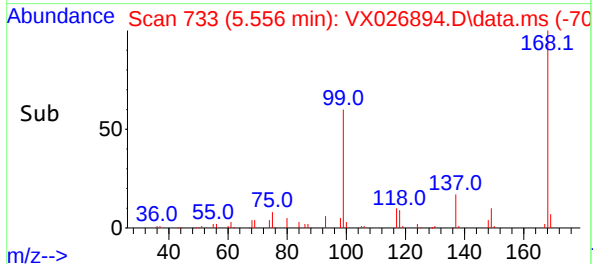
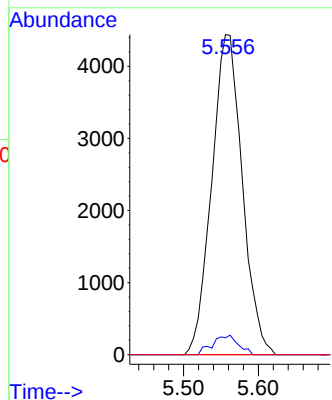


#38
Carbon Tetrachloride
Concen: 6.201 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Instrument :
MSVOA_X
ClientSampleId :

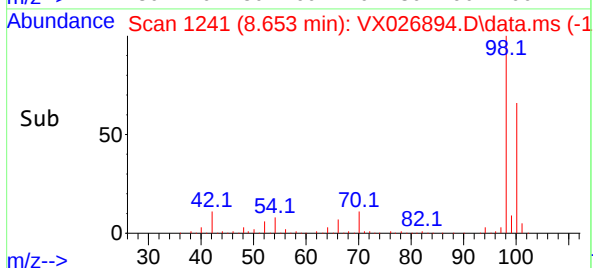
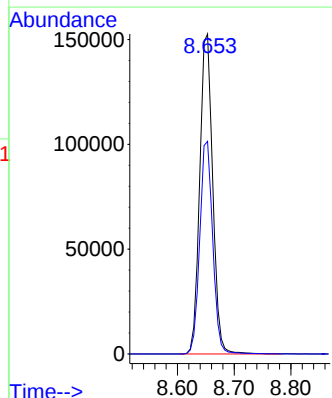
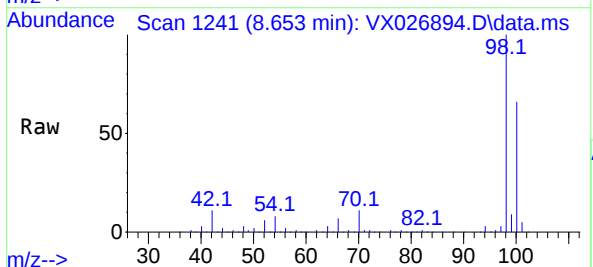


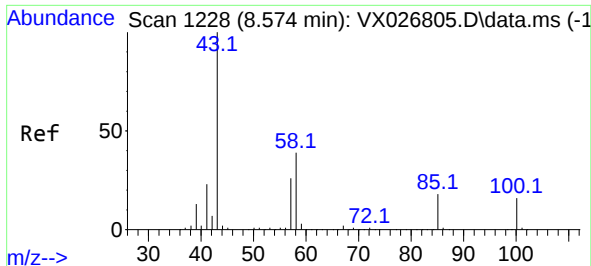
Tgt Ion:117 Resp: 12602
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 53.745 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Tgt Ion: 98 Resp: 242374
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.501 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX026894.D

Acq: 10 Feb 2022 02:10

Instrument :

MSVOA_X

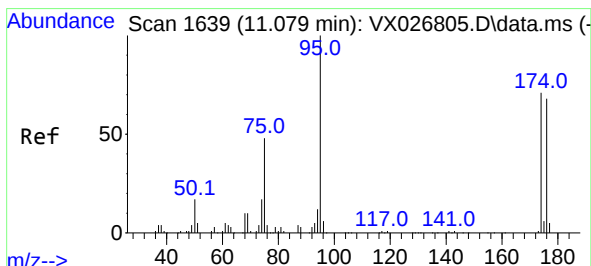
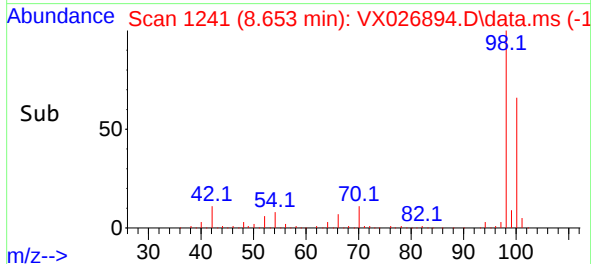
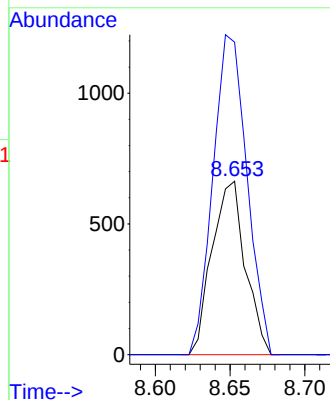
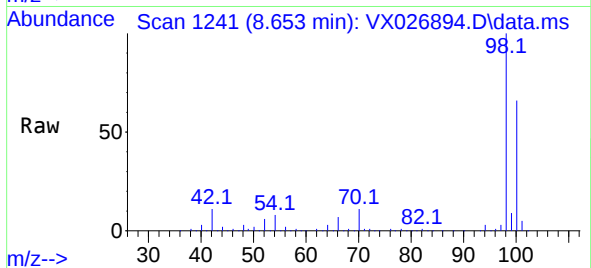
ClientSampleId :

Tgt Ion: 43 Resp: 1028

Ion Ratio Lower Upper

43 100

58 188.2 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 58.221 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026894.D

Acq: 10 Feb 2022 02:10

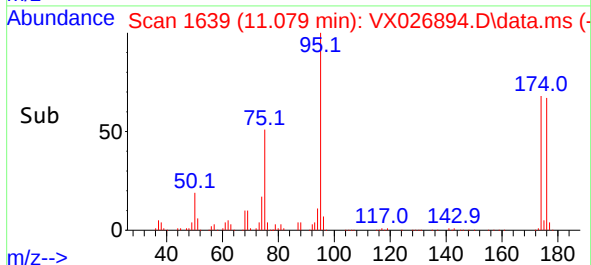
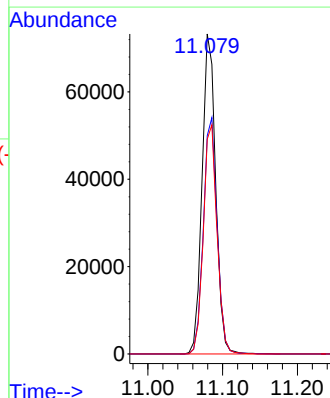
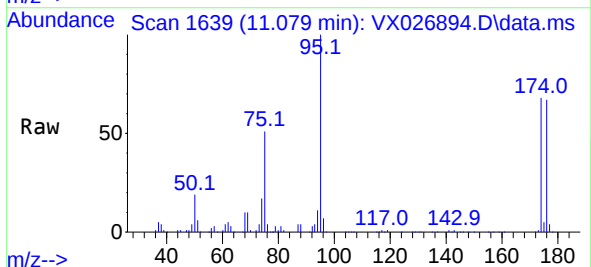
Tgt Ion: 95 Resp: 92438

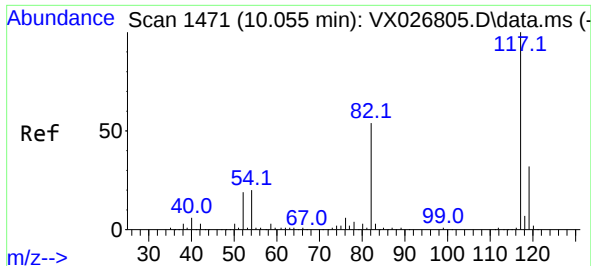
Ion Ratio Lower Upper

95 100

174 74.5 0.0 148.6

176 72.1 0.0 141.4

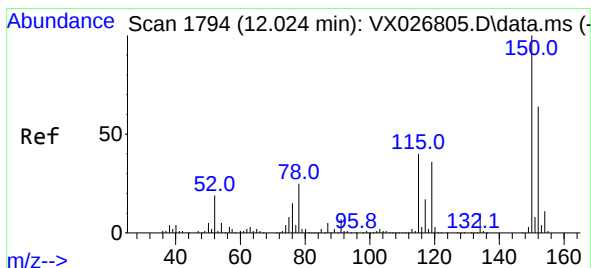
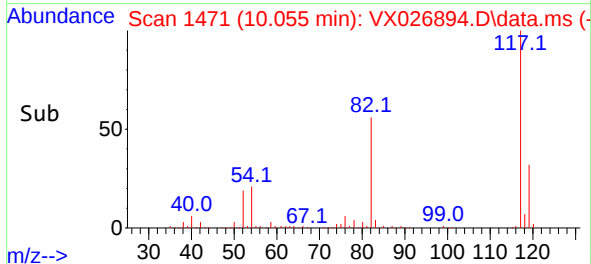
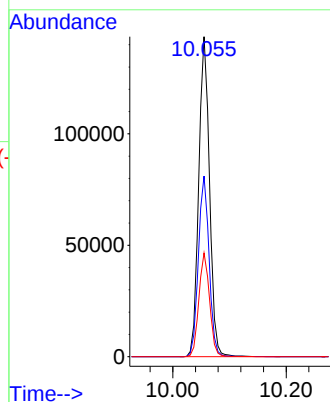
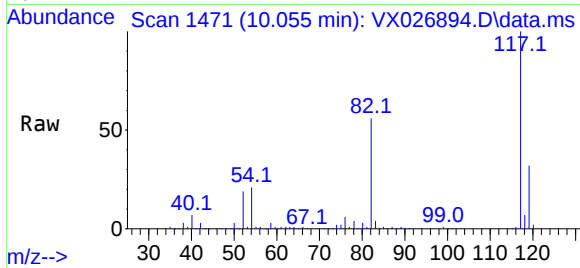




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

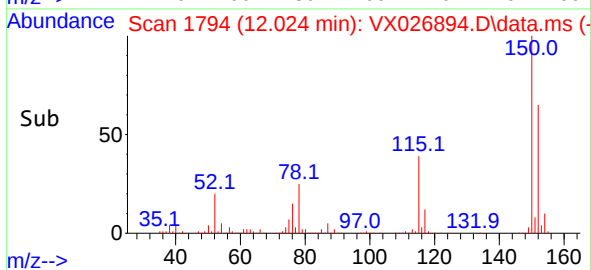
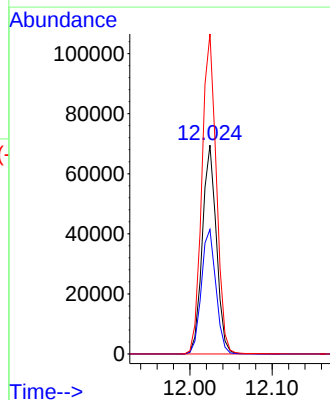
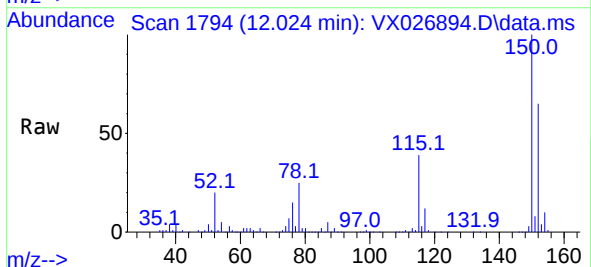
Instrument :
MSVOA_X
ClientSampleId :

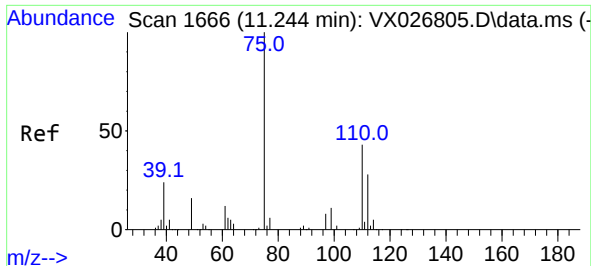
Tgt Ion:117 Resp: 189190
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Tgt Ion:152 Resp: 82644
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 157.6 0.0 348.2

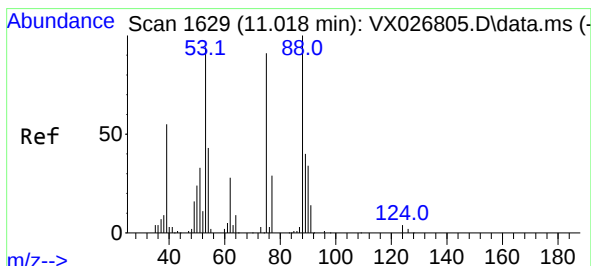
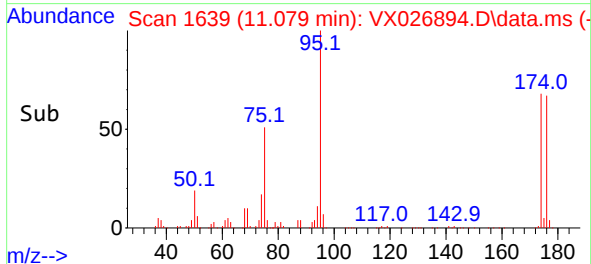
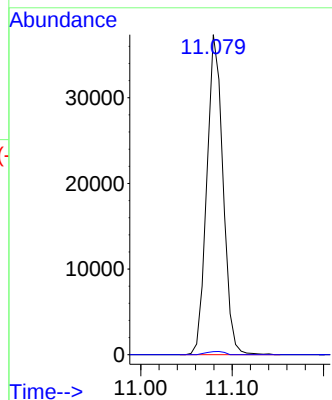
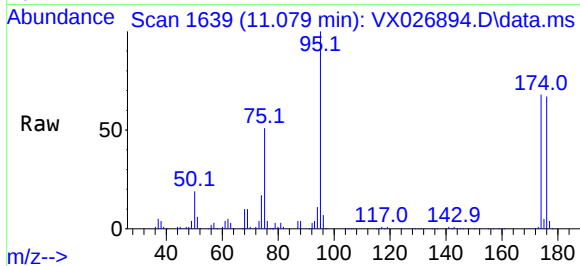




#76
1,2,3-Trichloropropane
Concen: 25.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45819
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026894.D
Acq: 10 Feb 2022 02:10

Tgt Ion: 75 Resp: 45819
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

