

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031894.D
 Acq On : 05 Oct 2022 14:57
 Operator : JC/MD
 Sample : N4762-06DL 10X
 Misc : 5.22g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22017-(6-6.5)DL

Quant Time: Oct 05 15:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

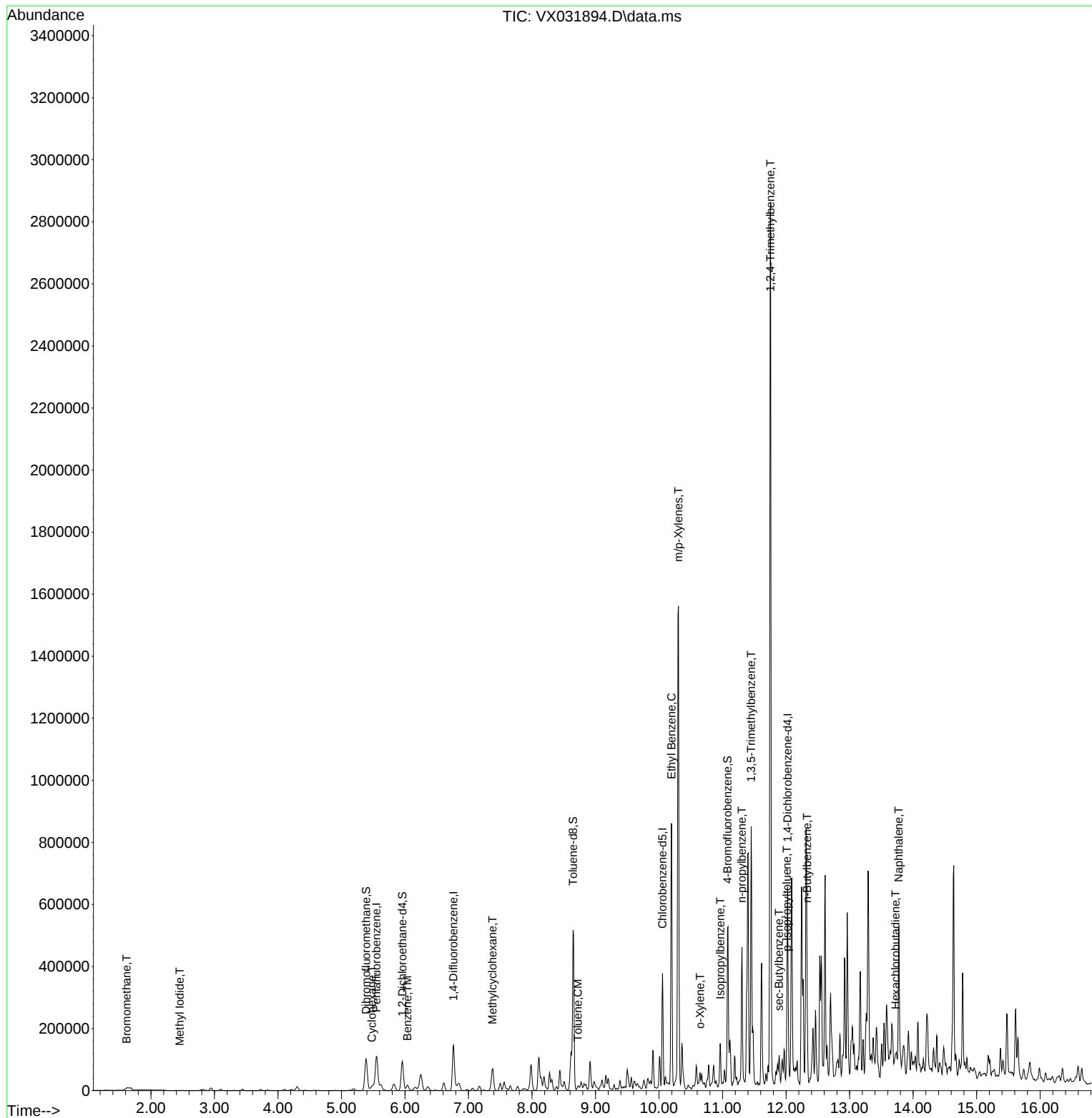
Internal Standards						
1) Pentafluorobenzene	5.550	168	117570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181330	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89616	50.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.220%			
35) Dibromofluoromethane	5.385	113	87288	48.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.940%			
50) Toluene-d8	8.647	98	327329	51.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.620%			
62) 4-Bromofluorobenzene	11.079	95	118452	51.618	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.240%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	1172	0.808	ug/l #	75
10) Methyl Iodide	2.453	142	736	3.481	ug/l #	83
31) Cyclohexane	5.477	56	9192	4.493	ug/l #	92
39) Methylcyclohexane	7.379	83	34470	12.868	ug/l	88
40) Benzene	6.037	78	22719	3.614	ug/l	100
52) Toluene	8.720	92	5494	1.234	ug/l	96
67) Ethyl Benzene	10.195	91	477910	57.906	ug/l	94
68) m/p-Xylenes	10.305	106	412069	118.430	ug/l	89
69) o-Xylene	10.646	106	10832	3.167	ug/l	96
73) Isopropylbenzene	10.963	105	69294	7.478	ug/l	99
78) n-propylbenzene	11.305	91	268066	27.162	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	356138	46.439	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1296101	169.194	ug/l	93
85) sec-Butylbenzene	11.890	105	37197m	3.984	ug/l	
86) p-Isopropyltoluene	12.012	119	21155	2.564	ug/l	97
89) n-Butylbenzene	12.329	91	119430	19.457	ug/l #	19
94) Hexachlorobutadiene	13.725	225	1045	0.850	ug/l	84
95) Naphthalene	13.774	128	303124	31.863	ug/l	99

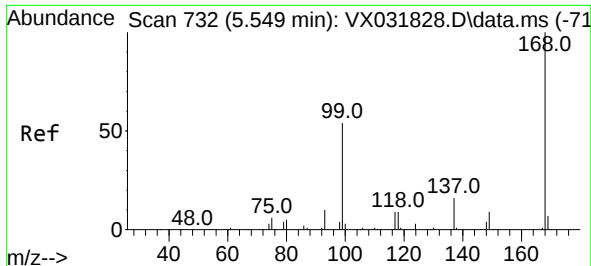
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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D22017-(6-6.5)DL

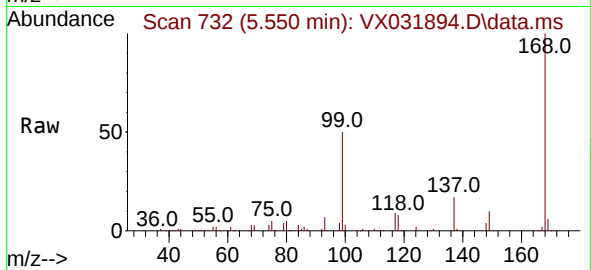
Quant Time: Oct 05 15:24:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 05 12:20:53 2022
Response via : Initial Calibration



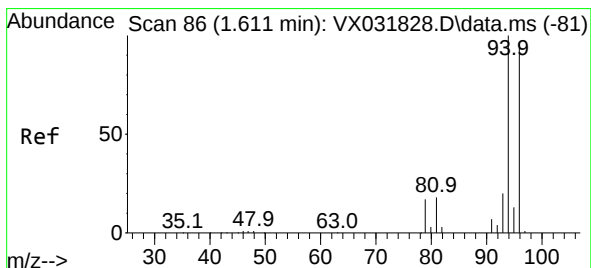
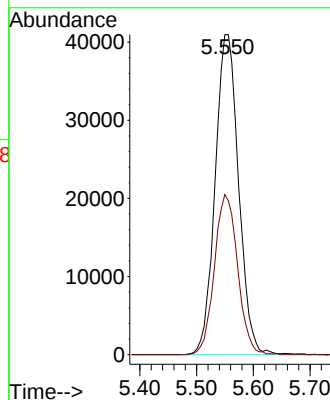
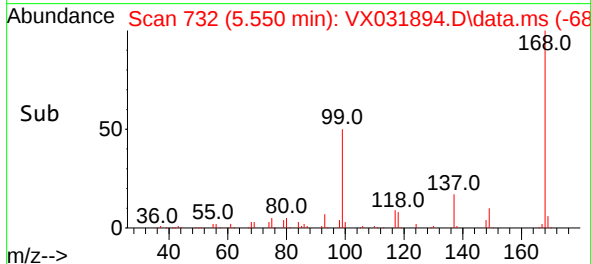


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)DL

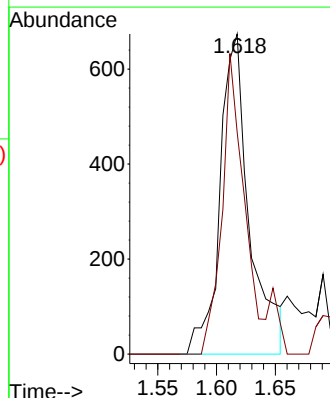
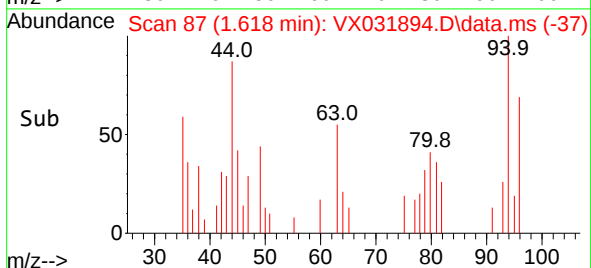
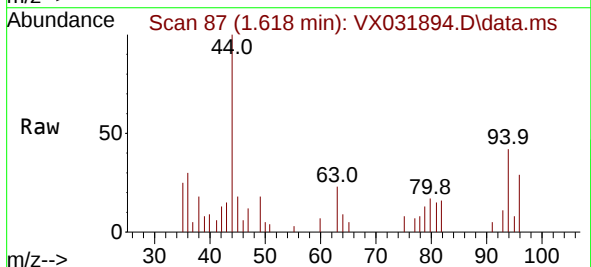


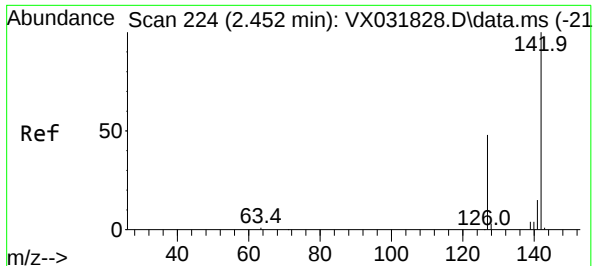
Tgt Ion:168 Resp: 117570
Ion Ratio Lower Upper
168 100
99 50.0 48.8 73.2



#5
Bromomethane
Concen: 0.808 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

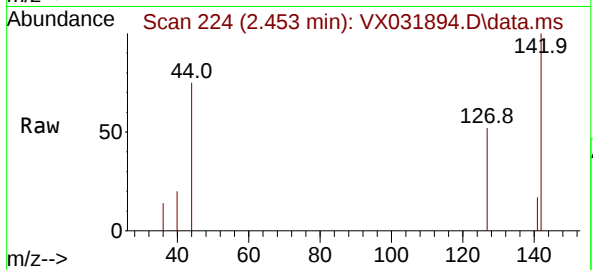
Tgt Ion: 94 Resp: 1172
Ion Ratio Lower Upper
94 100
96 69.3 74.4 111.6#



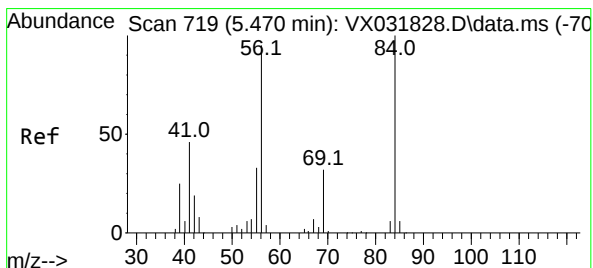
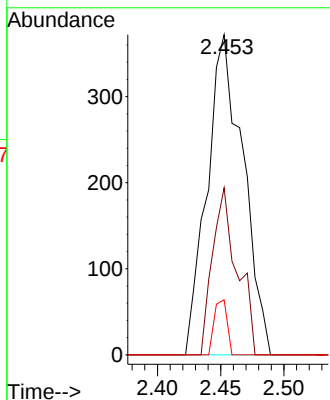
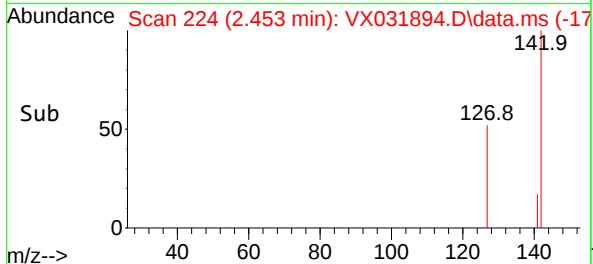


#10
Methyl Iodide
Concen: 3.481 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)DL

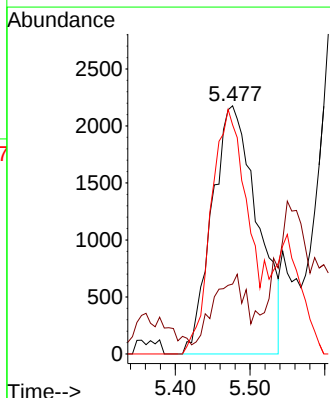
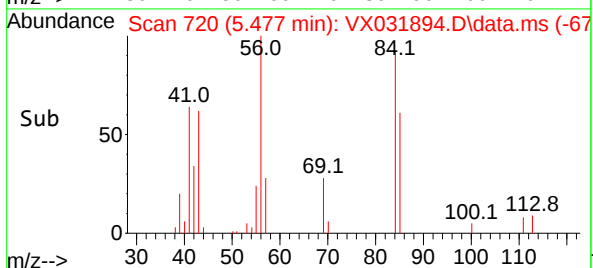
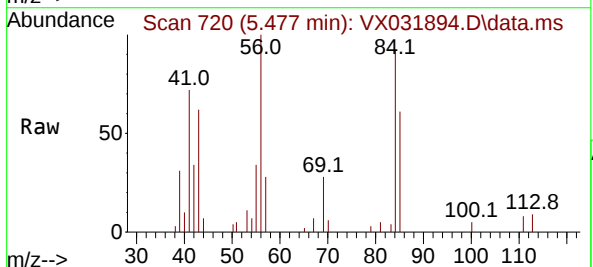


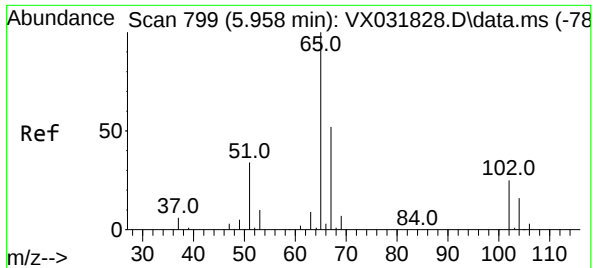
Tgt Ion:142 Resp: 736
Ion Ratio Lower Upper
142 100
127 35.7 37.4 56.0#
141 6.1 11.6 17.4#



#31
Cyclohexane
Concen: 4.493 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion: 56 Resp: 9192
Ion Ratio Lower Upper
56 100
69 22.9 25.1 37.7#
84 92.3 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 50.607 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031894.D

Acq: 05 Oct 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

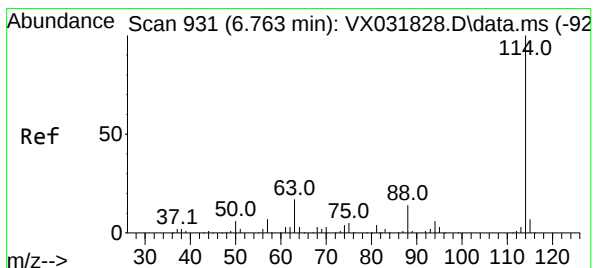
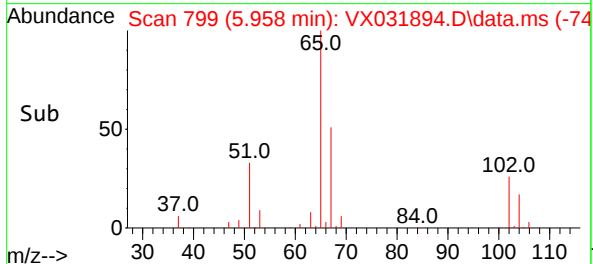
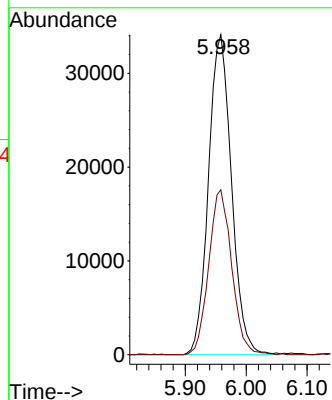
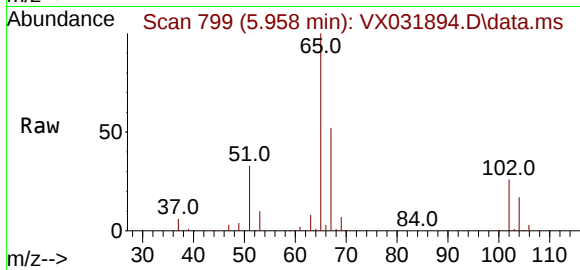
D22017-(6-6.5)DL

Tgt Ion: 65 Resp: 89616

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031894.D

Acq: 05 Oct 2022 14:57

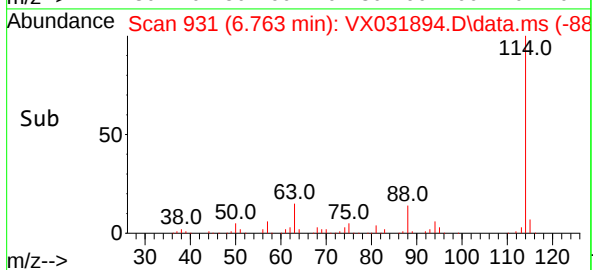
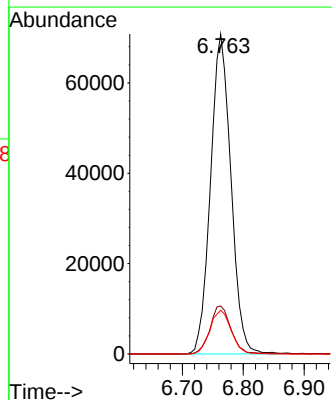
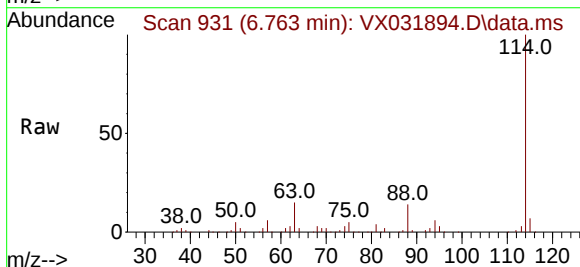
Tgt Ion: 114 Resp: 164613

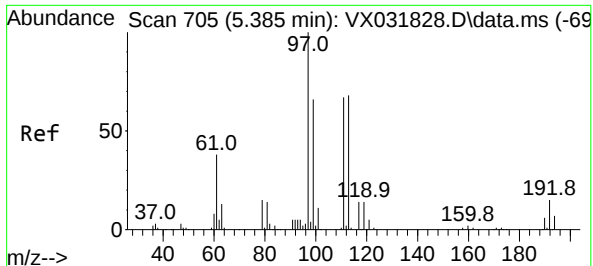
Ion Ratio Lower Upper

114 100

63 15.0 0.0 42.6

88 13.6 0.0 33.0

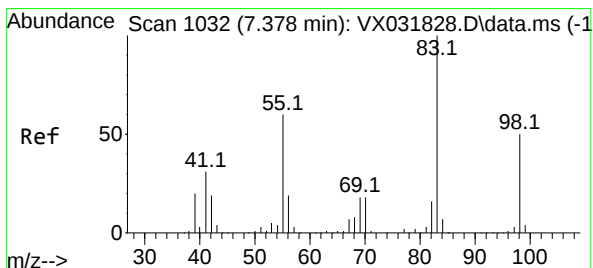
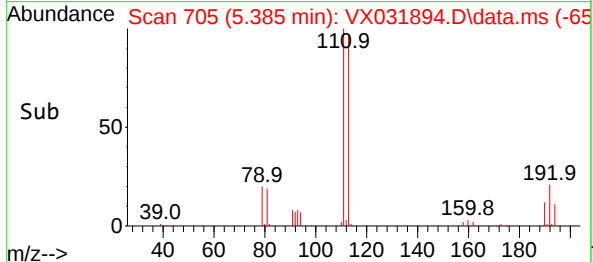
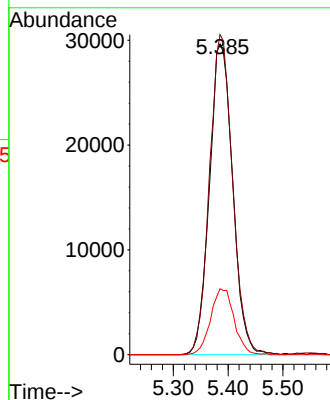
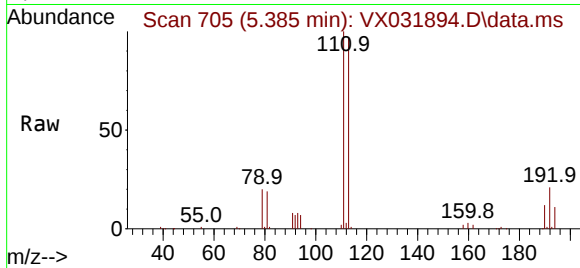




#35
Dibromofluoromethane
Concen: 48.466 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

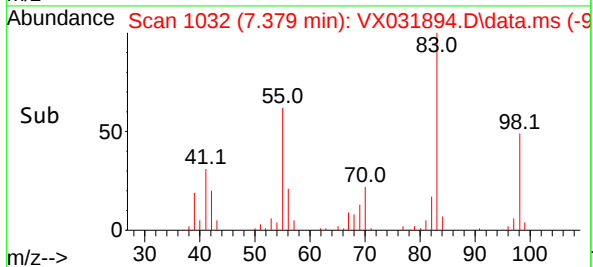
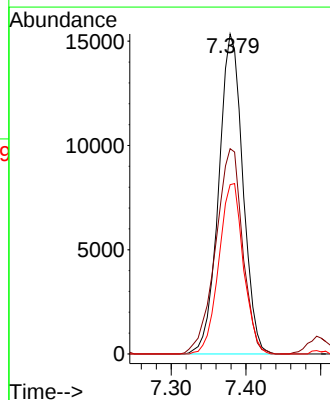
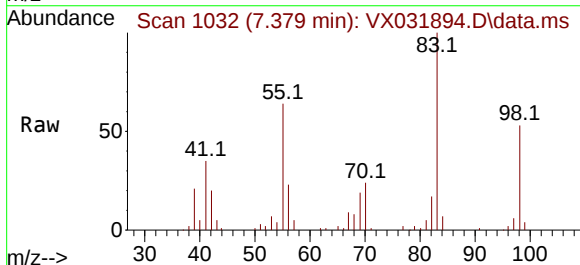
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)DL

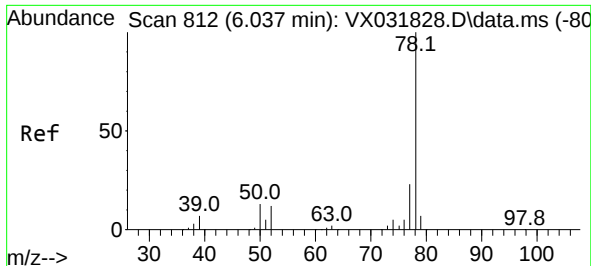
Tgt Ion:113 Resp: 87288
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 21.4 14.1 21.1#



#39
Methylcyclohexane
Concen: 12.868 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion: 83 Resp: 34470
Ion Ratio Lower Upper
83 100
55 64.1 61.0 91.4
98 52.9 37.7 56.5

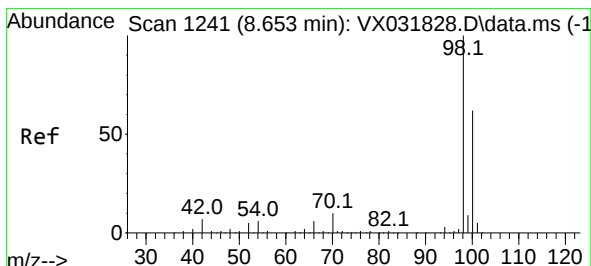
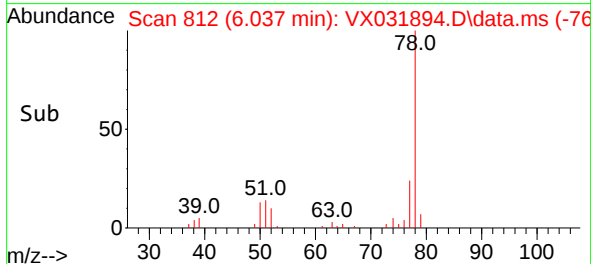
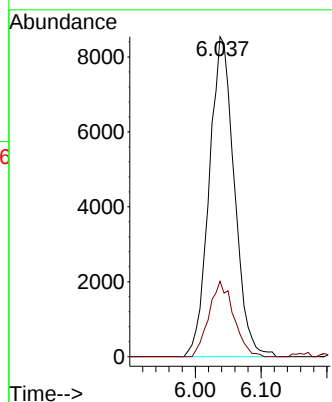
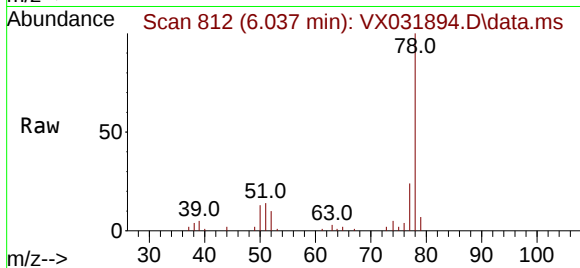




#40
Benzene
Concen: 3.614 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

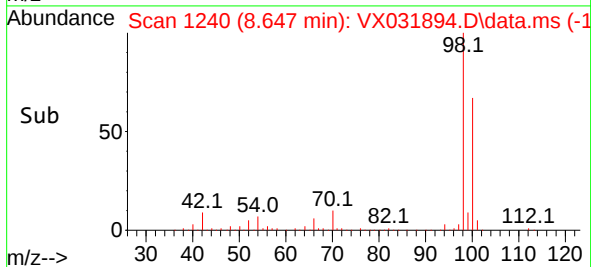
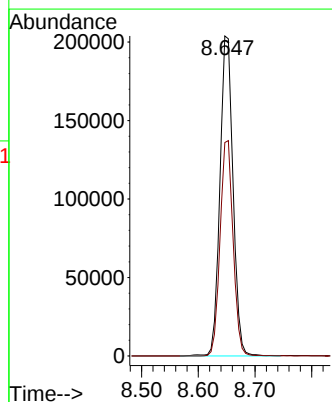
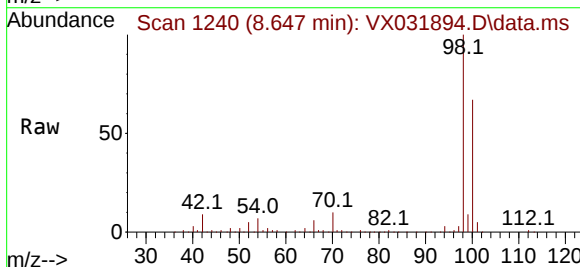
Instrument :
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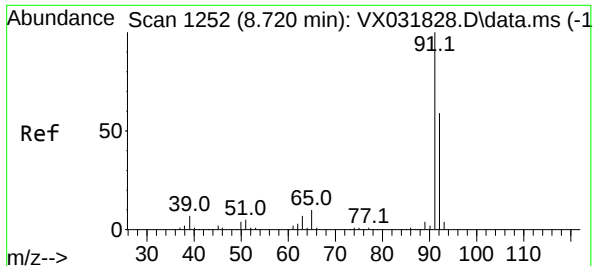
Tgt Ion: 78 Resp: 22719
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



#50
Toluene-d8
Concen: 51.309 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion: 98 Resp: 327329
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7





#52

Toluene

Concen: 1.234 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031894.D

Acq: 05 Oct 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

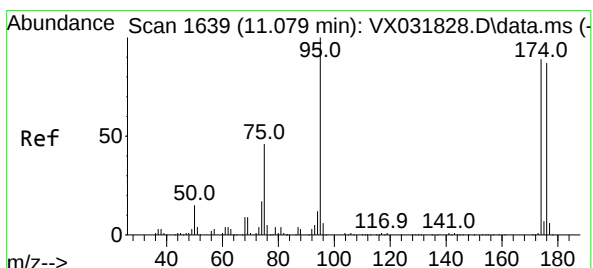
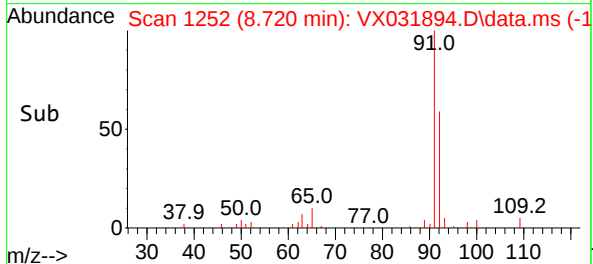
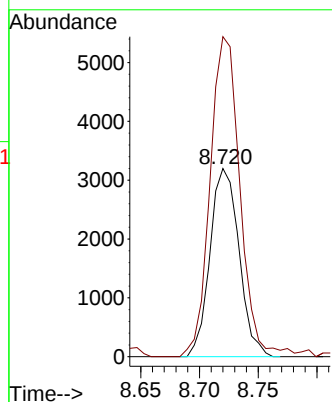
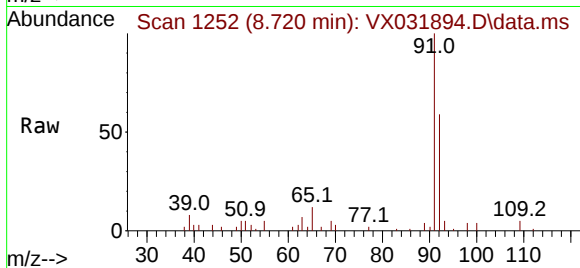
D22017-(6-6.5)DL

Tgt Ion: 92 Resp: 5494

Ion Ratio Lower Upper

92 100

91 176.4 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 51.618 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031894.D

Acq: 05 Oct 2022 14:57

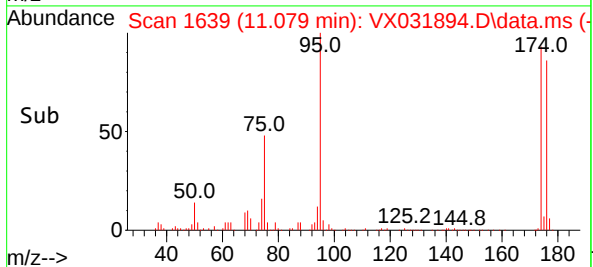
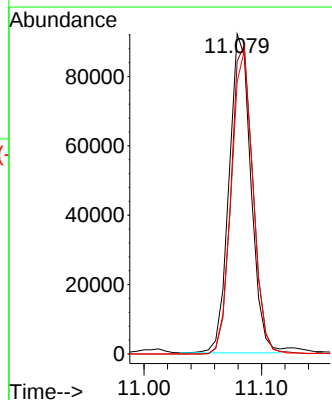
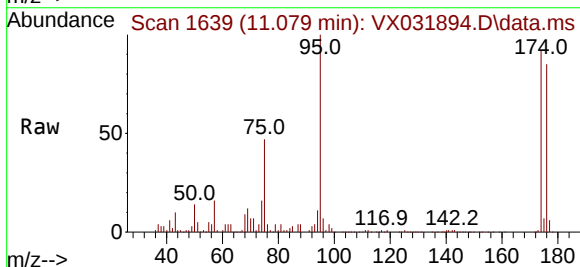
Tgt Ion: 95 Resp: 118452

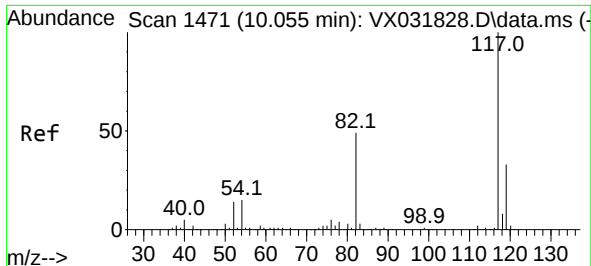
Ion Ratio Lower Upper

95 100

174 97.5 0.0 153.2

176 94.7 0.0 144.0

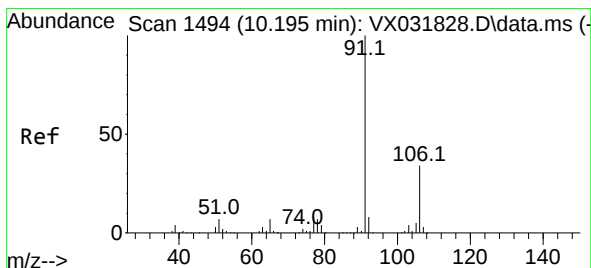
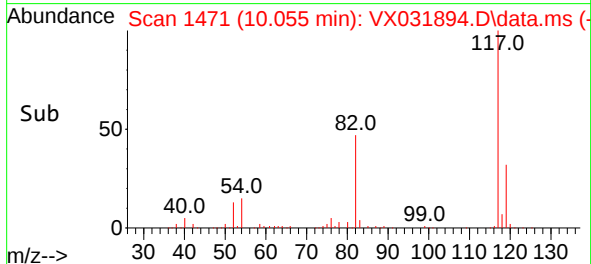
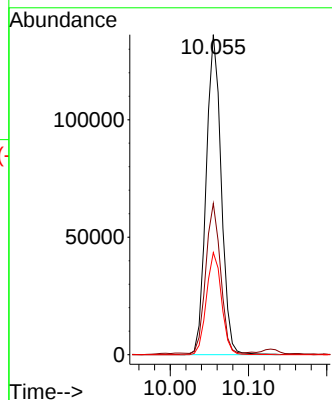
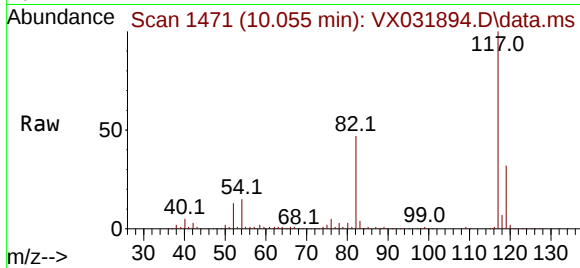




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

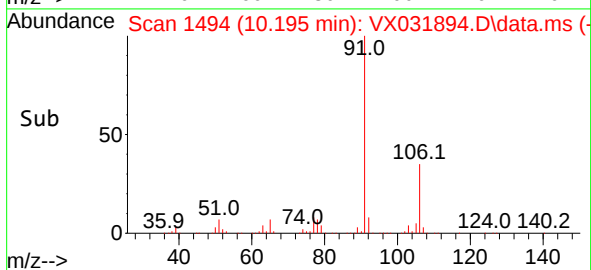
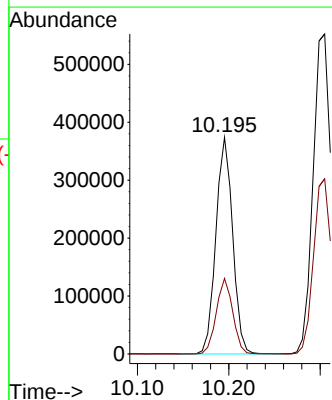
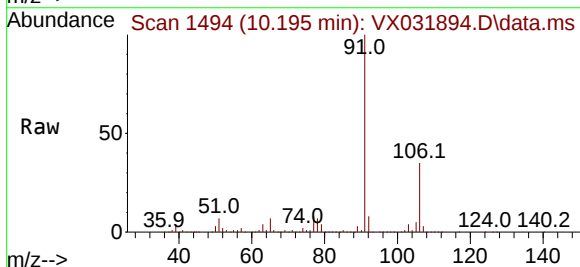
Instrument :
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D22017-(6-6.5)DL

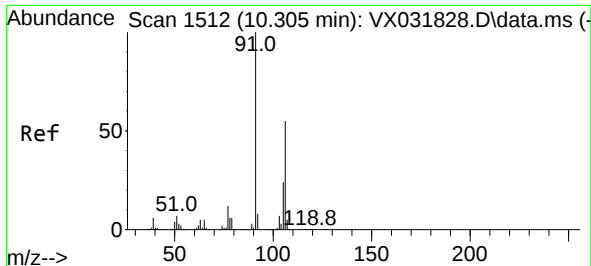
Tgt Ion:117 Resp: 181330
Ion Ratio Lower Upper
117 100
82 46.8 46.8 70.2#
119 31.9 26.4 39.6



#67
Ethyl Benzene
Concen: 57.906 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion: 91 Resp: 477910
Ion Ratio Lower Upper
91 100
106 34.9 25.2 37.8

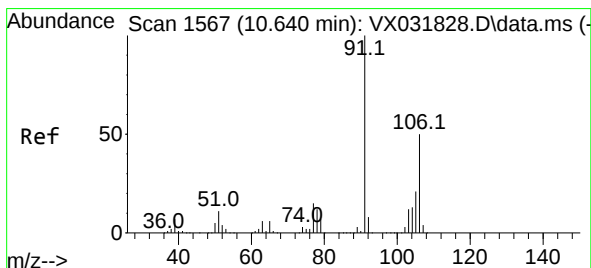
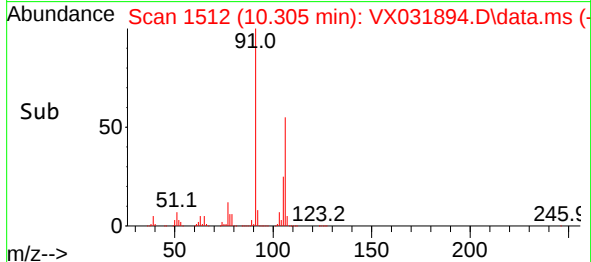
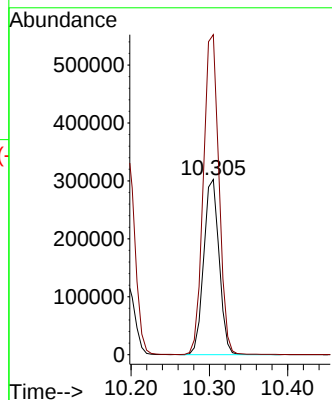
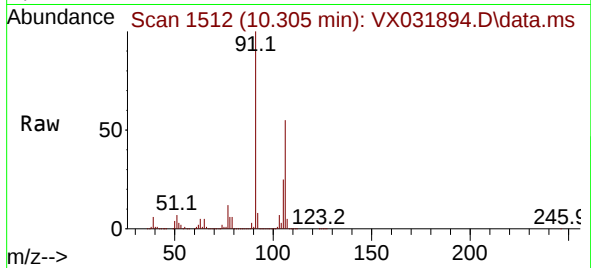




#68
m/p-Xylenes
Concen: 118.430 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

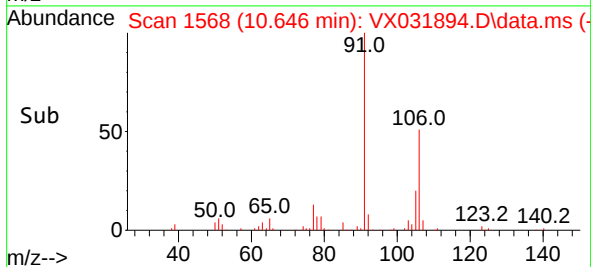
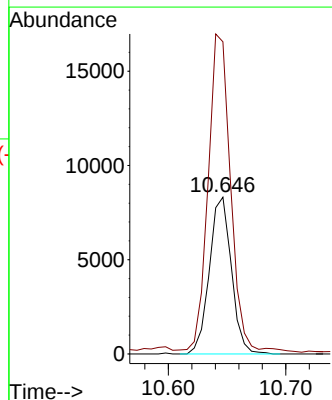
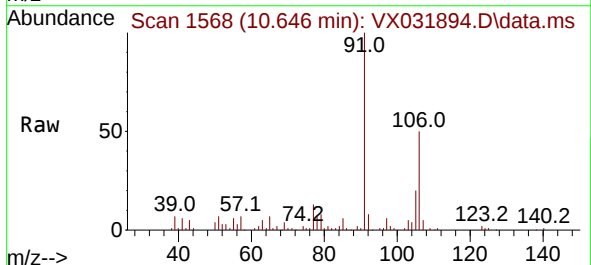
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)DL

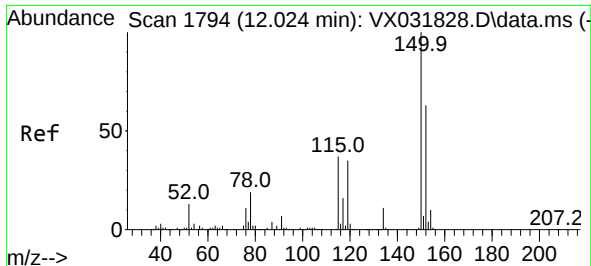
Tgt Ion:106 Resp: 412069
Ion Ratio Lower Upper
106 100
91 185.0 161.0 241.4



#69
o-Xylene
Concen: 3.167 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion:106 Resp: 10832
Ion Ratio Lower Upper
106 100
91 208.2 107.2 321.6

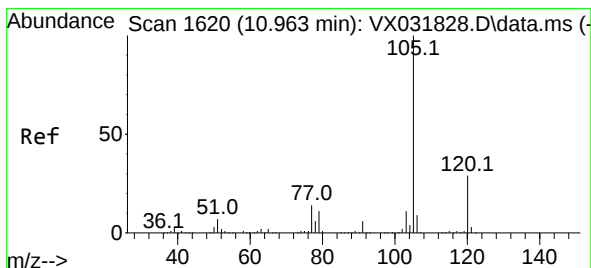
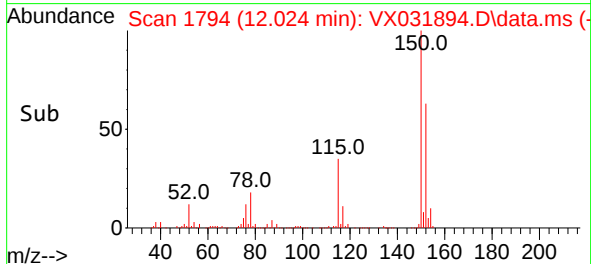
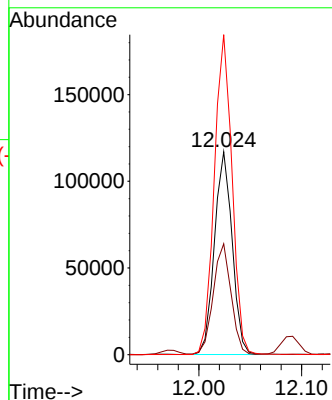
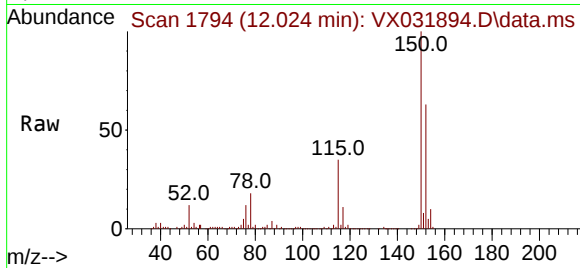




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

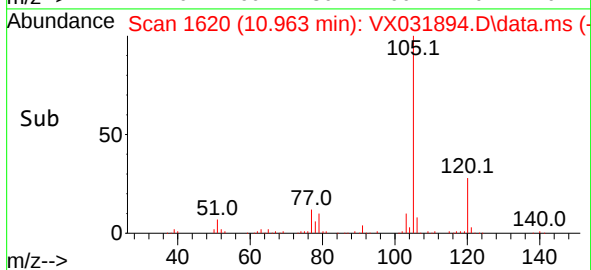
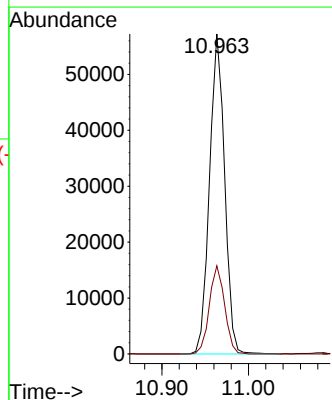
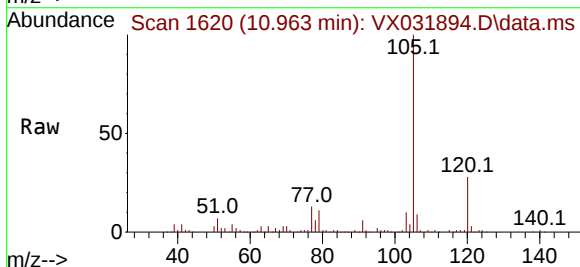
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)DL

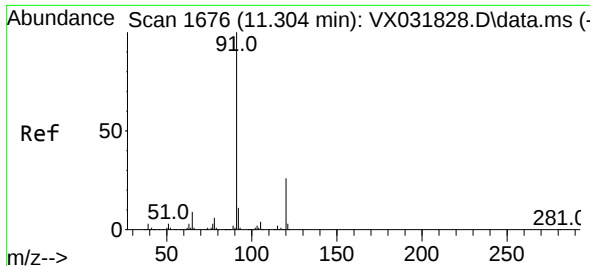
Tgt Ion:152 Resp: 139501
Ion Ratio Lower Upper
152 100
115 55.2 43.4 130.1
150 158.2 0.0 346.8



#73
Isopropylbenzene
Concen: 7.478 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion:105 Resp: 69294
Ion Ratio Lower Upper
105 100
120 27.9 13.7 41.0

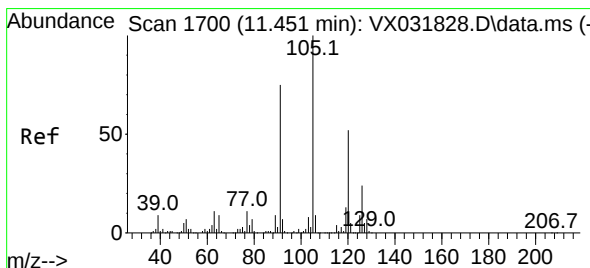
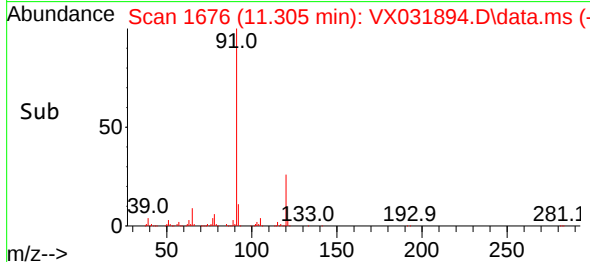
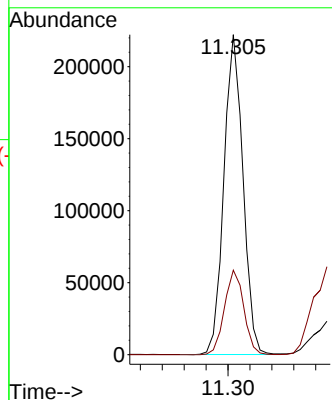
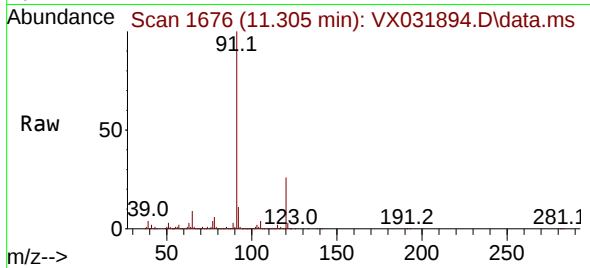




#78
n-propylbenzene
Concen: 27.162 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

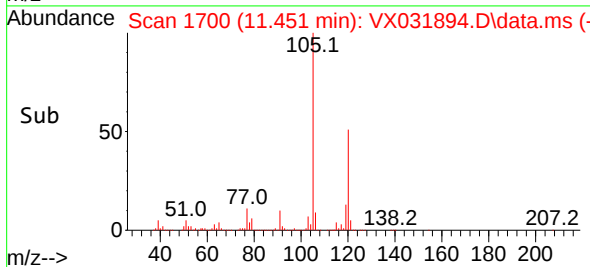
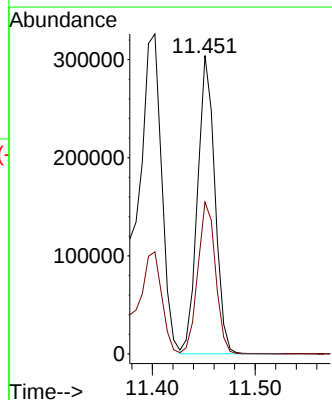
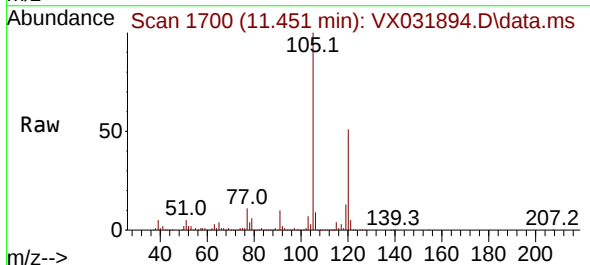
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)DL

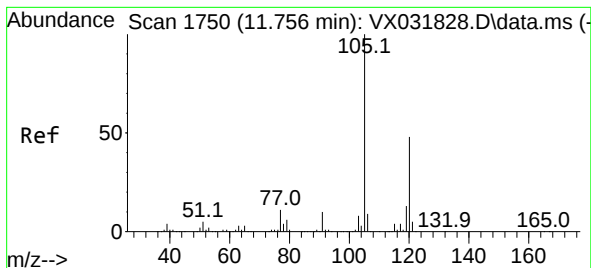
Tgt Ion: 91 Resp: 268066
Ion Ratio Lower Upper
91 100
120 26.8 11.8 35.4



#80
1,3,5-Trimethylbenzene
Concen: 46.439 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion: 105 Resp: 356138
Ion Ratio Lower Upper
105 100
120 52.2 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 169.194 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX031894.D

Acq: 05 Oct 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

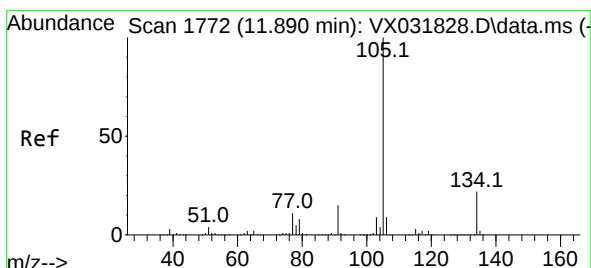
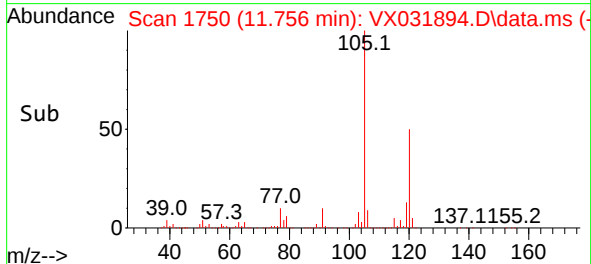
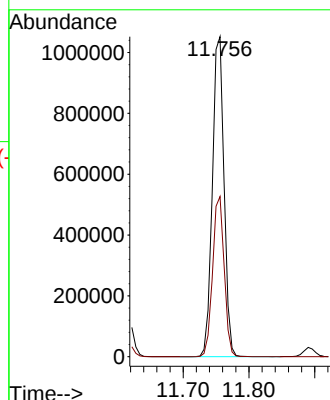
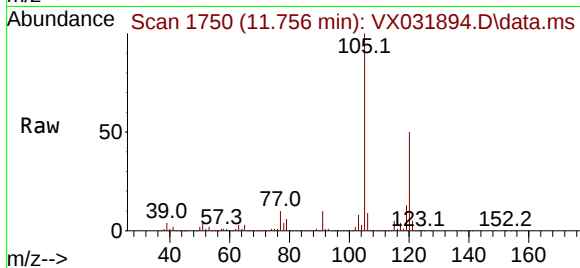
D22017-(6-6.5)DL

Tgt Ion:105 Resp: 1296101

Ion Ratio Lower Upper

105 100

120 49.8 22.6 67.8



#85

sec-Butylbenzene

Concen: 3.984 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031894.D

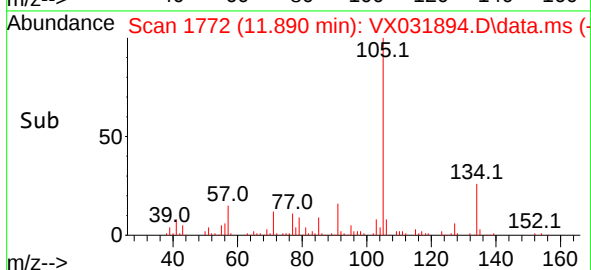
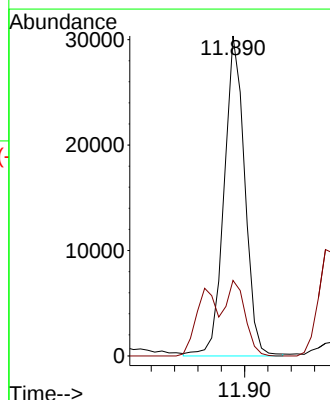
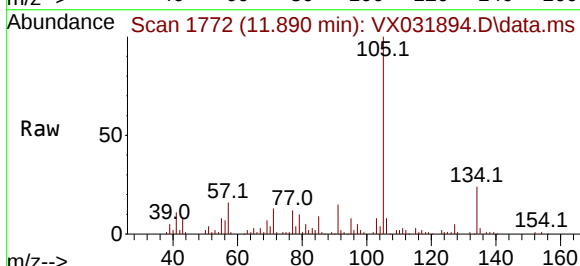
Acq: 05 Oct 2022 14:57

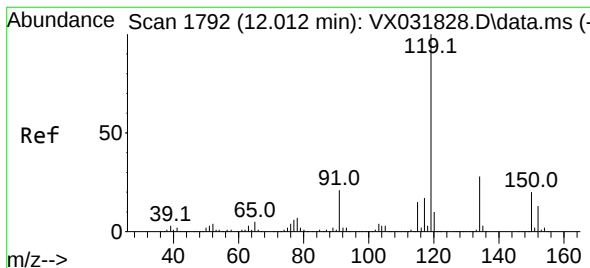
Tgt Ion:105 Resp: 37197

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 2.564 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031894.D

Acq: 05 Oct 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

D22017-(6-6.5)DL

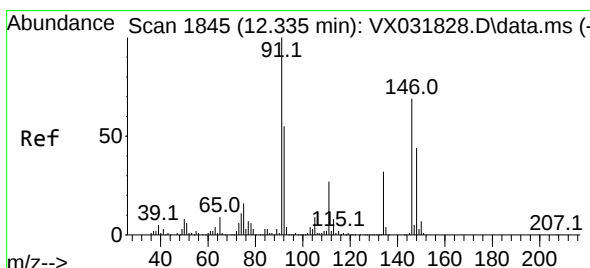
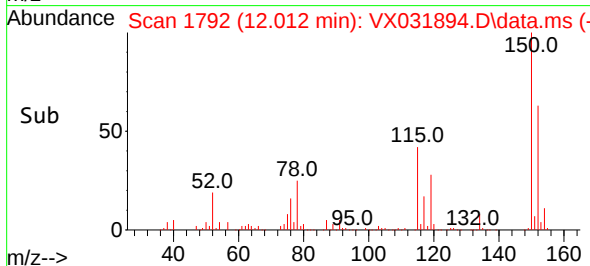
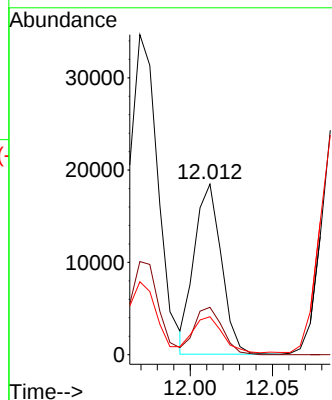
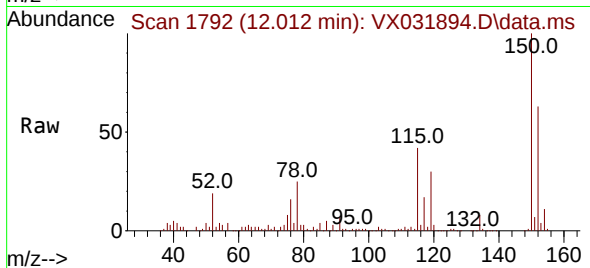
Tgt Ion:119 Resp: 21155

Ion Ratio Lower Upper

119 100

134 29.0 13.4 40.2

91 24.0 12.4 37.2



#89

n-Butylbenzene

Concen: 19.457 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX031894.D

Acq: 05 Oct 2022 14:57

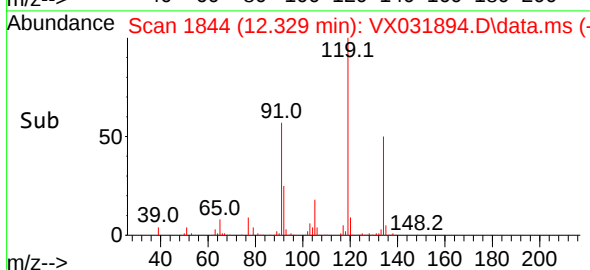
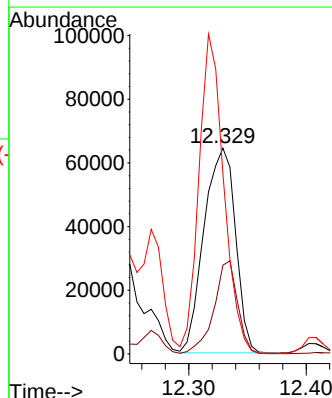
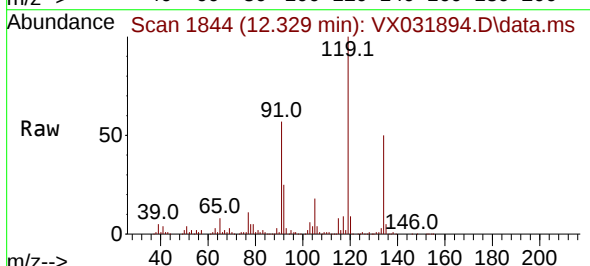
Tgt Ion: 91 Resp: 119430

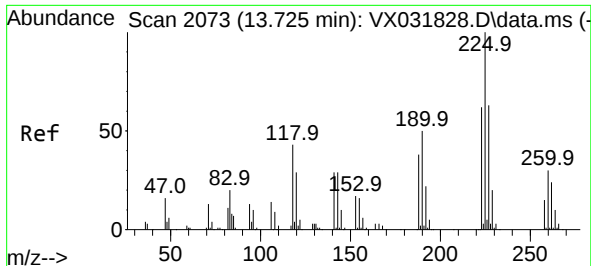
Ion Ratio Lower Upper

91 100

92 34.3 27.0 81.0

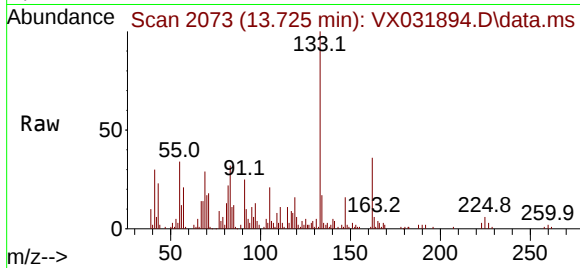
134 123.6 13.3 39.9#



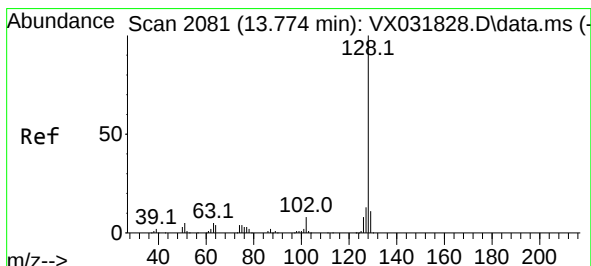
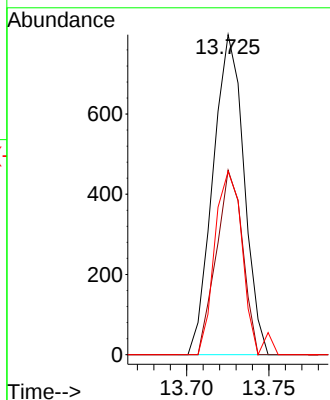
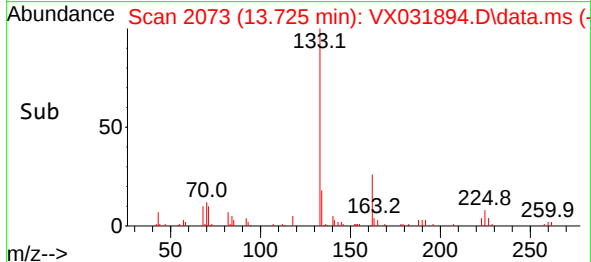


#94
Hexachlorobutadiene
Concen: 0.850 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)DL



Tgt Ion	Ratio	Lower	Upper
225	100		
223	48.8	30.8	92.4
227	51.9	32.3	96.9



#95
Naphthalene
Concen: 31.863 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031894.D
Acq: 05 Oct 2022 14:57

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.7	8.8	13.2

