

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031895.D
 Acq On : 05 Oct 2022 15:20
 Operator : JC/MD
 Sample : N4762-01DL 20X
 Misc : 7.08g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22014-(5-5.5)DL

Quant Time: Oct 05 15:44:31 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)

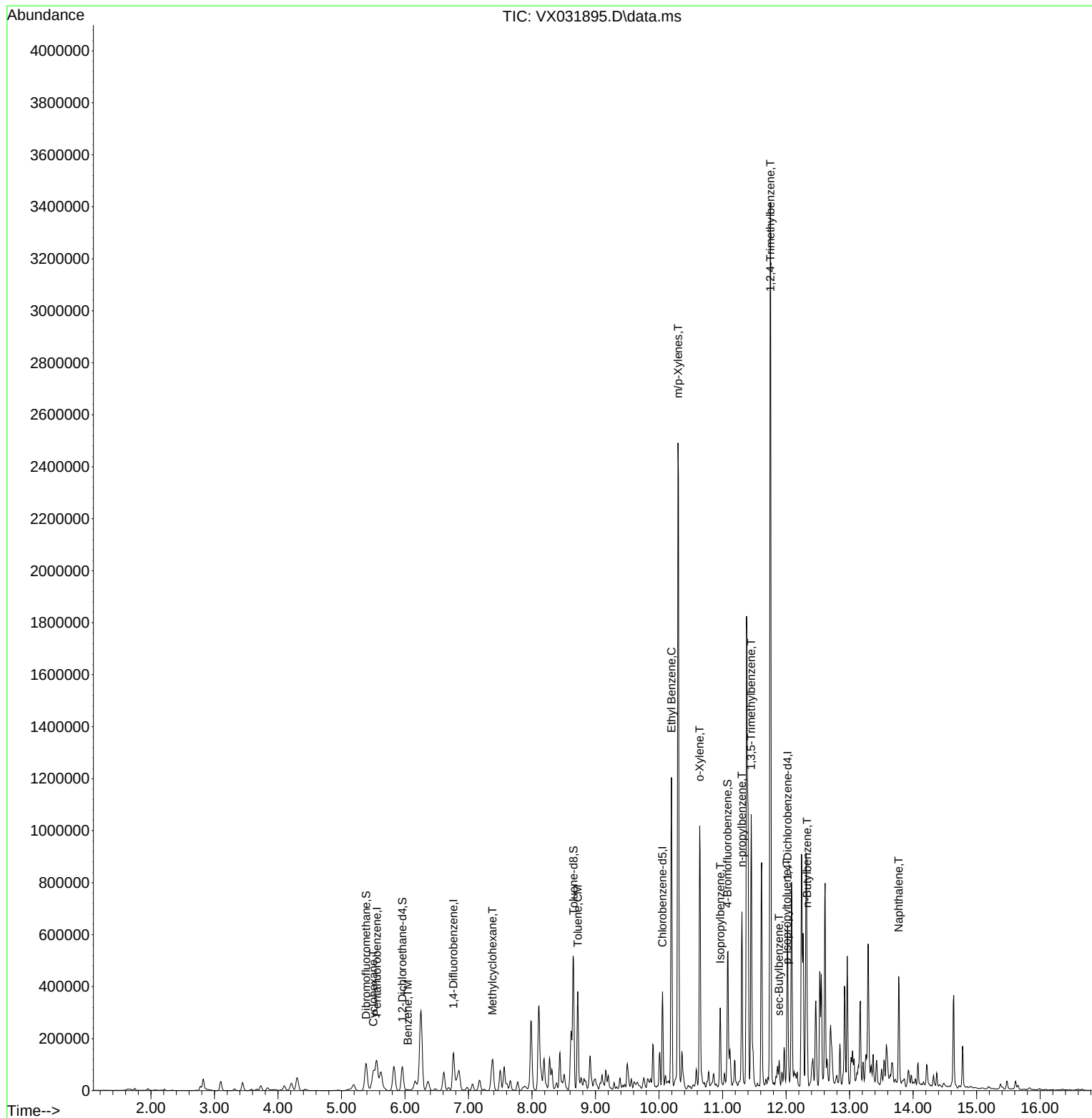
Internal Standards						
1) Pentafluorobenzene	5.556	168	119902	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	164744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85572	47.384	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.760%		
35) Dibromofluoromethane	5.385	113	86555	48.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.040%		
50) Toluene-d8	8.653	98	321862	50.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.820%		
62) 4-Bromofluorobenzene	11.079	95	118309	51.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.020%		
Target Compounds					Qvalue	
31) Cyclohexane	5.501	56	25663	12.301	ug/l	# 57
39) Methylcyclohexane	7.379	83	57846	21.578	ug/l	93
40) Benzene	6.043	78	4915	0.781	ug/l	93
52) Toluene	8.720	92	153110	34.373	ug/l	97
67) Ethyl Benzene	10.195	91	676368	81.696	ug/l	95
68) m/p-Xylenes	10.299	106	647481	185.507	ug/l	89
69) o-Xylene	10.640	106	243087	70.848	ug/l	88
73) Isopropylbenzene	10.963	105	158043	16.919	ug/l	96
78) n-propylbenzene	11.305	91	405034	40.710	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	452220	58.492	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1555226	201.384	ug/l	94
85) sec-Butylbenzene	11.890	105	47037	4.998	ug/l	97
86) p-Isopropyltoluene	12.012	119	21403	2.573	ug/l	97
89) n-Butylbenzene	12.329	91	140962	22.780	ug/l	# 19
95) Naphthalene	13.774	128	281256	29.326	ug/l	99

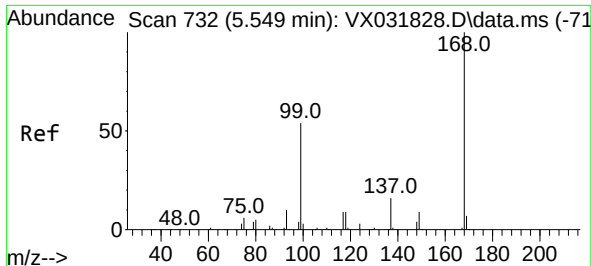
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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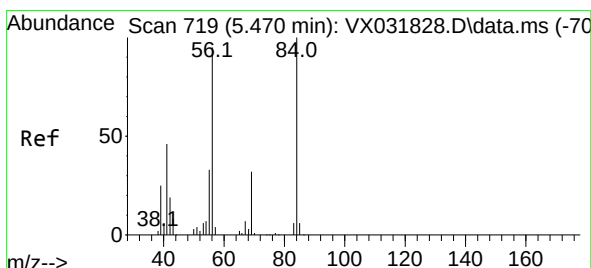
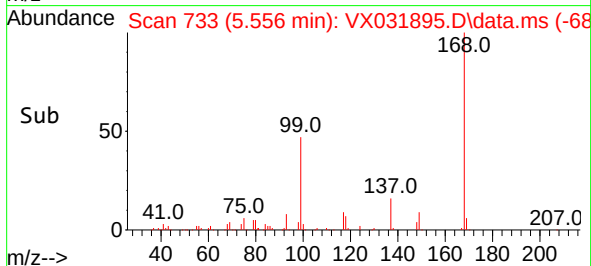
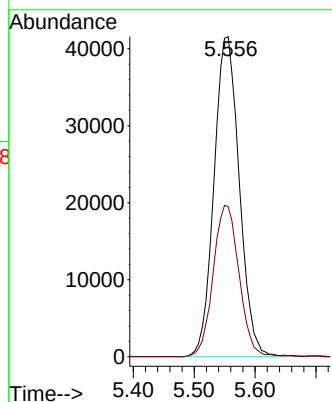
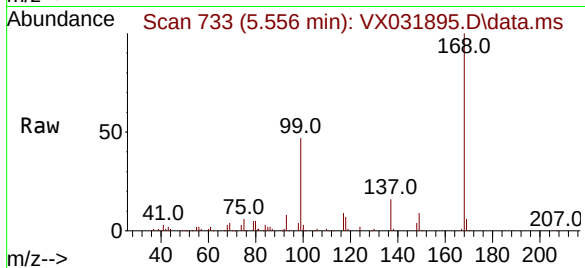




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

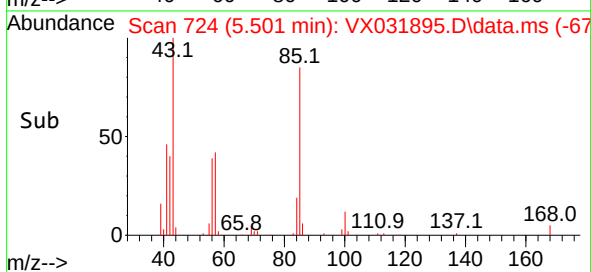
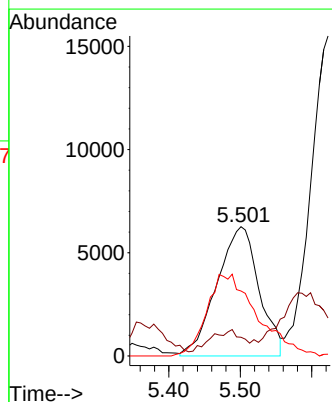
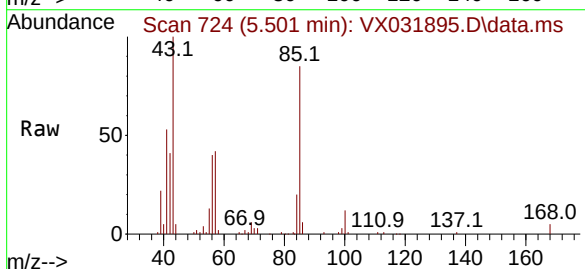
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)DL

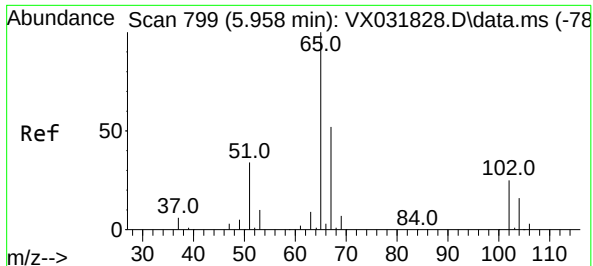
Tgt Ion:168 Resp: 119902
Ion Ratio Lower Upper
168 100
99 46.9 48.8 73.2#



#31
Cyclohexane
Concen: 12.301 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.031 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Tgt Ion: 56 Resp: 25663
Ion Ratio Lower Upper
56 100
69 6.3 25.1 37.7#
84 49.2 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 47.384 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031895.D

Acq: 05 Oct 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

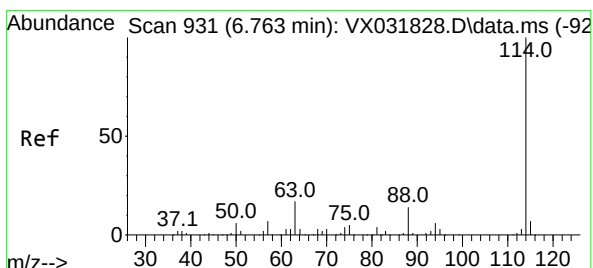
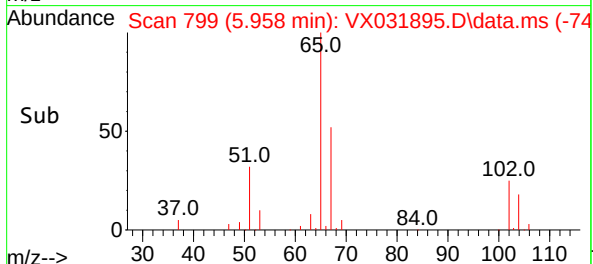
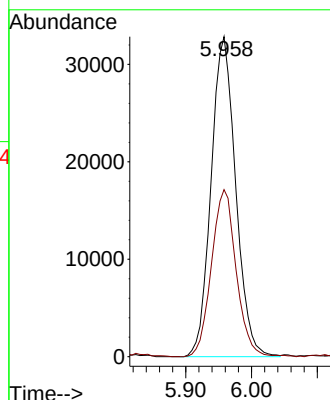
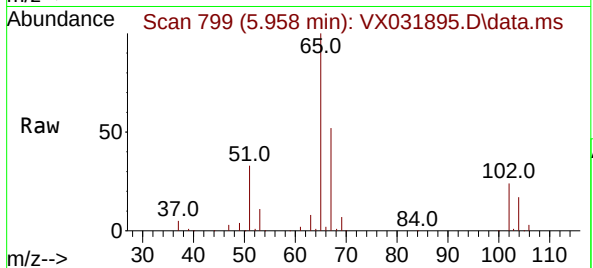
D22014-(5-5.5)DL

Tgt Ion: 65 Resp: 85572

Ion Ratio Lower Upper

65 100

67 52.4 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: VX031895.D

Acq: 05 Oct 2022 15:20

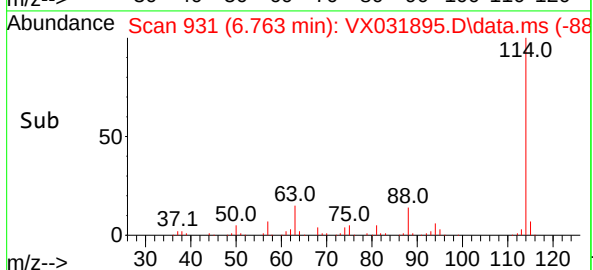
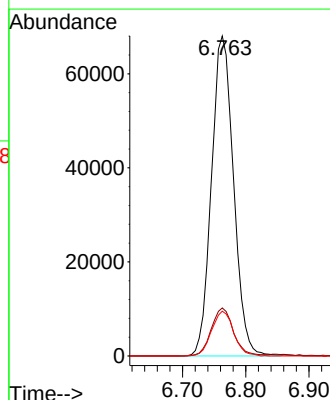
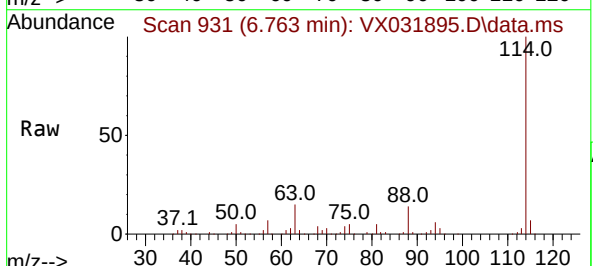
Tgt Ion: 114 Resp: 164744

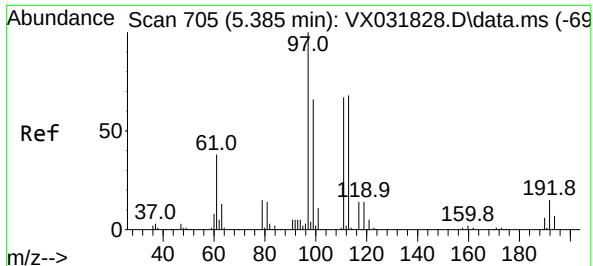
Ion Ratio Lower Upper

114 100

63 15.0 0.0 42.6

88 14.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.020 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031895.D

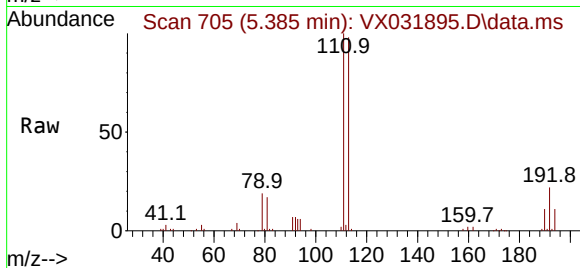
Acq: 05 Oct 2022 15:20

Instrument :

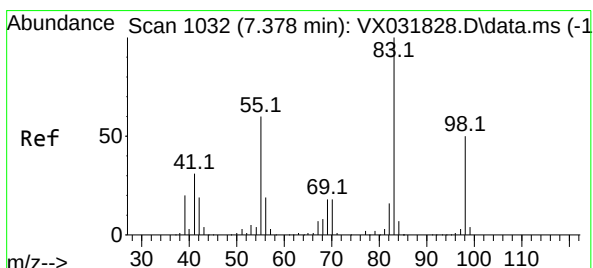
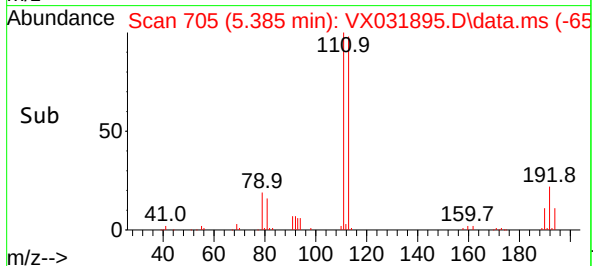
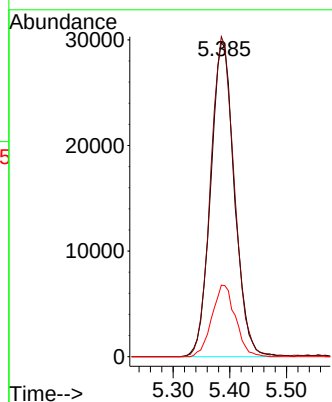
MSVOA_X

ClientSampleId :

D22014-(5-5.5)DL



Tgt Ion:	113	Resp:	86555
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.4	123.6
192	22.5	14.1	21.1#



#39

Methylcyclohexane

Concen: 21.578 ug/l

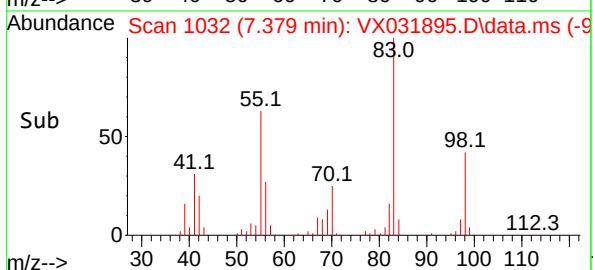
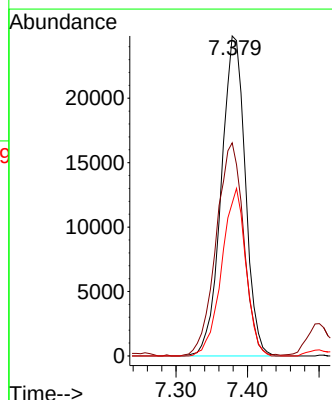
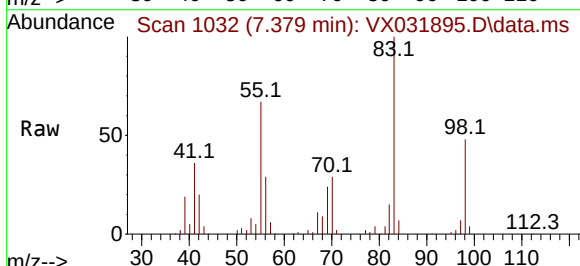
RT: 7.379 min Scan# 1032

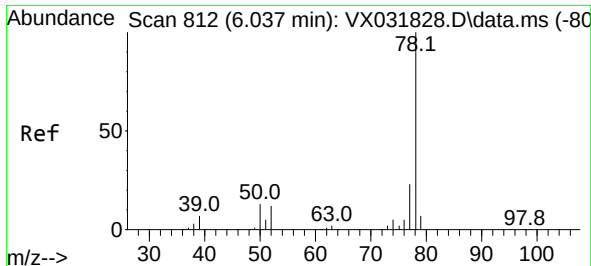
Delta R.T. -0.000 min

Lab File: VX031895.D

Acq: 05 Oct 2022 15:20

Tgt Ion:	83	Resp:	57846
Ion Ratio	Lower	Upper	
83	100		
55	66.6	61.0	91.4
98	47.7	37.7	56.5





#40

Benzene

Concen: 0.781 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX031895.D

Acq: 05 Oct 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

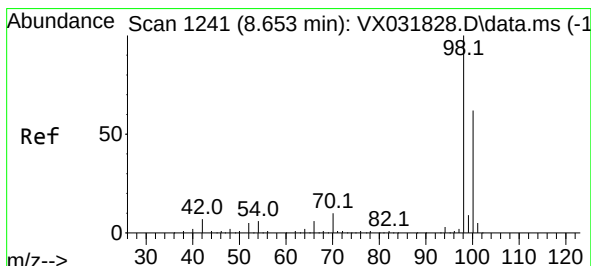
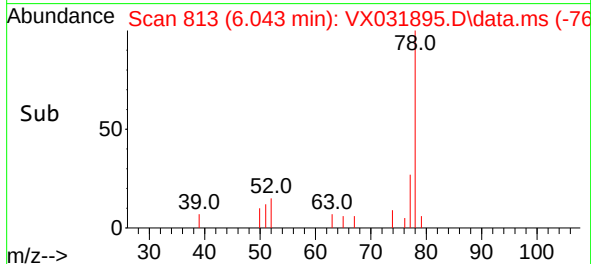
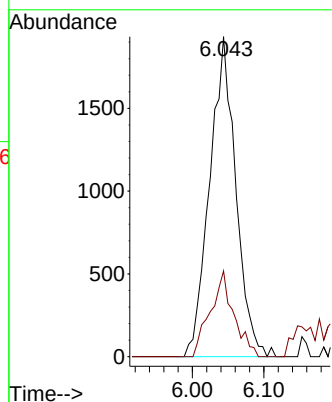
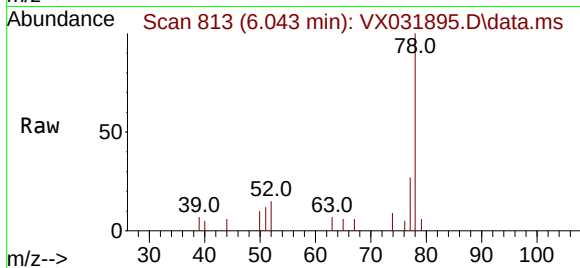
D22014-(5-5.5)DL

Tgt Ion: 78 Resp: 4915

Ion Ratio Lower Upper

78 100

77 26.8 18.7 28.1



#50

Toluene-d8

Concen: 50.412 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031895.D

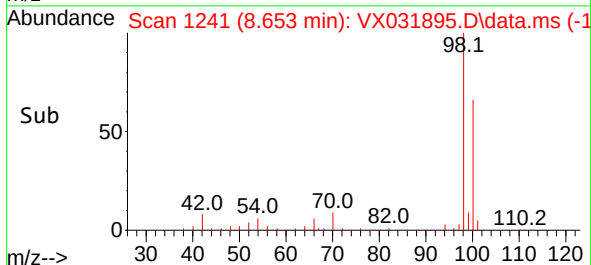
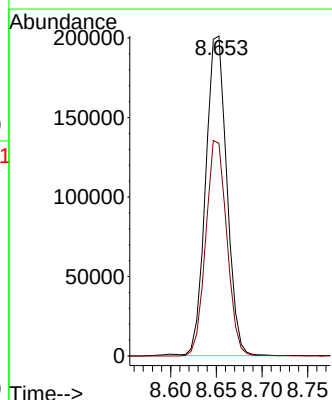
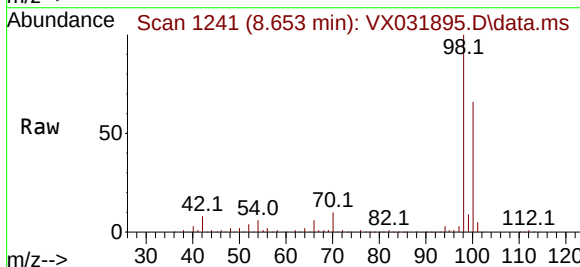
Acq: 05 Oct 2022 15:20

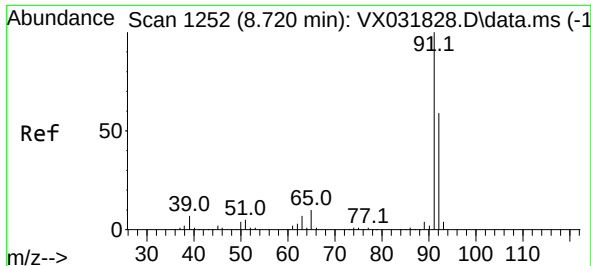
Tgt Ion: 98 Resp: 321862

Ion Ratio Lower Upper

98 100

100 67.5 52.5 78.7

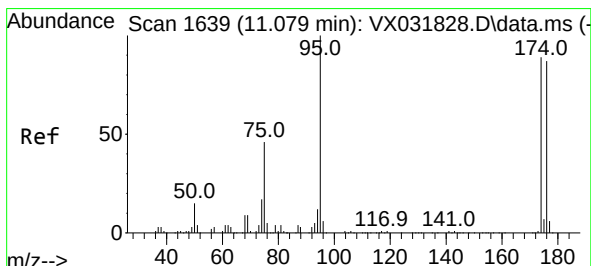
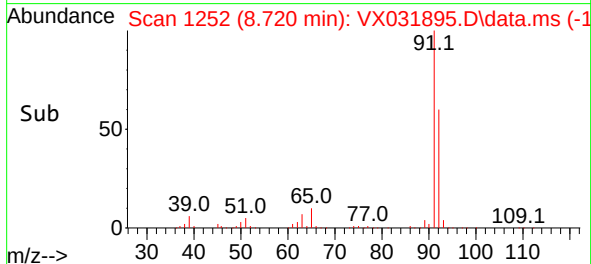
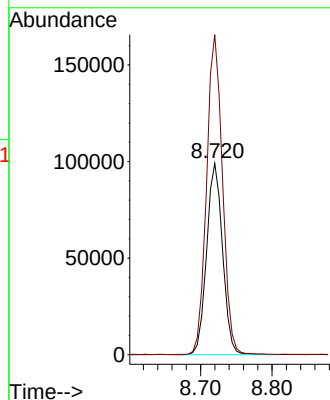
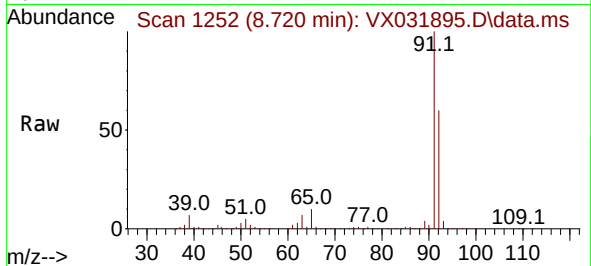




#52
Toluene
Concen: 34.373 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

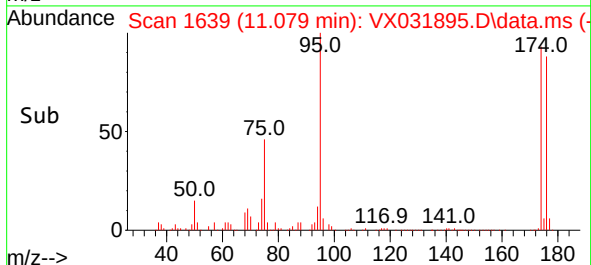
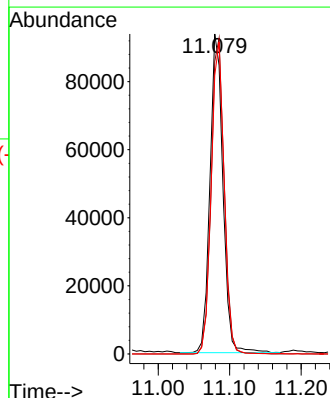
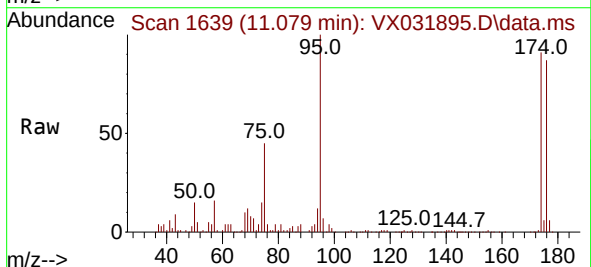
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D22014-(5-5.5)DL

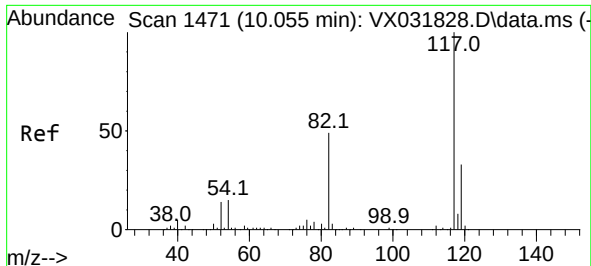
Tgt Ion: 92 Resp: 153110
Ion Ratio Lower Upper
92 100
91 166.8 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 51.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Tgt Ion: 95 Resp: 118309
Ion Ratio Lower Upper
95 100
174 98.9 0.0 153.2
176 97.0 0.0 144.0

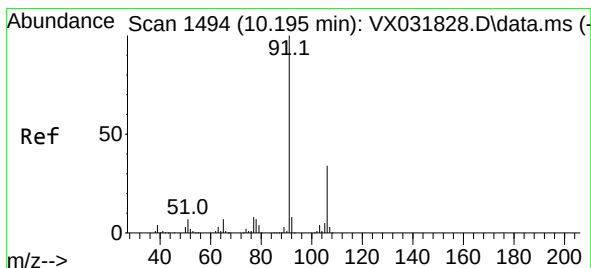
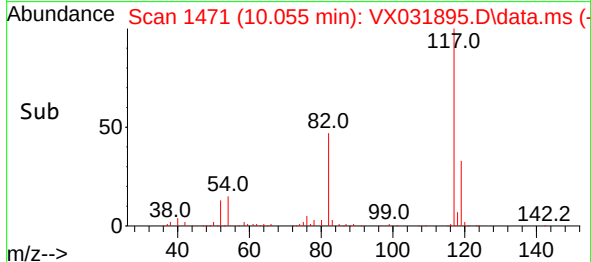
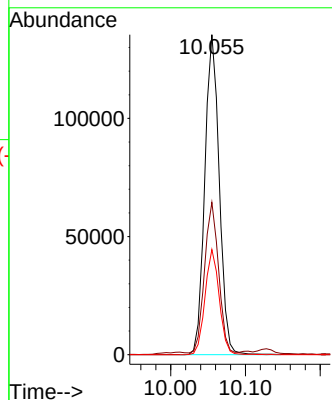
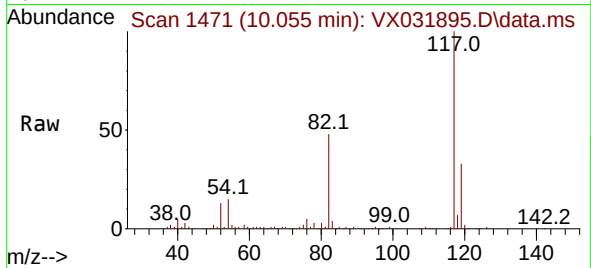




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

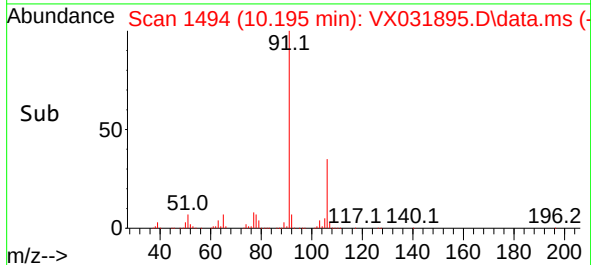
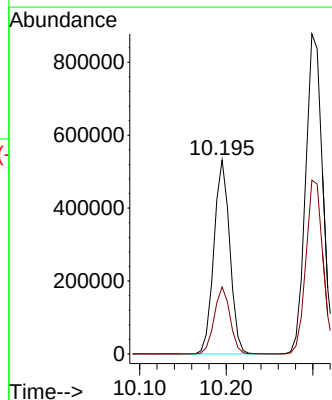
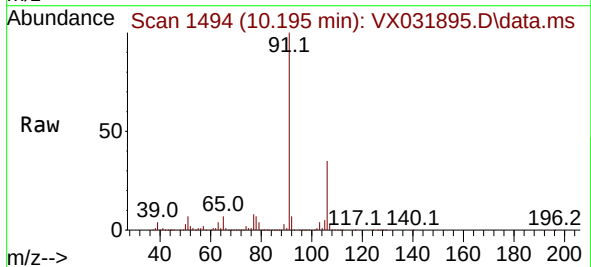
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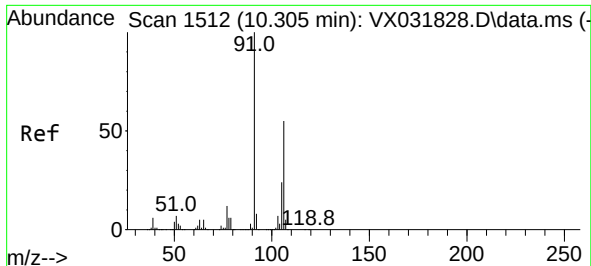
Tgt Ion:117 Resp: 181897
Ion Ratio Lower Upper
117 100
82 47.2 46.8 70.2
119 32.8 26.4 39.6



#67
Ethyl Benzene
Concen: 81.696 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Tgt Ion: 91 Resp: 676368
Ion Ratio Lower Upper
91 100
106 34.5 25.2 37.8

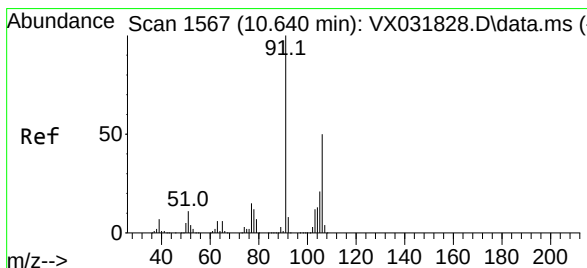
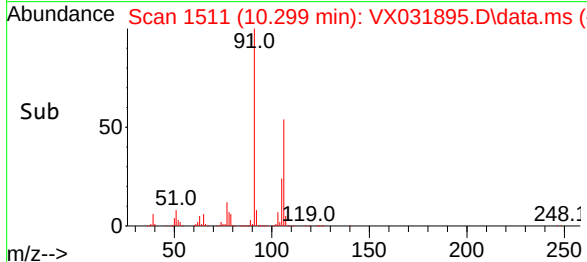
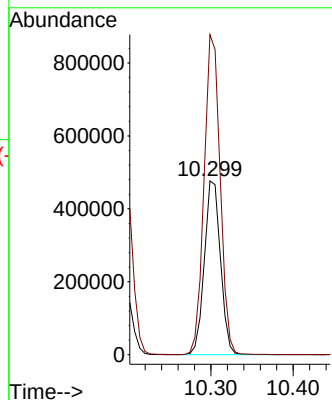
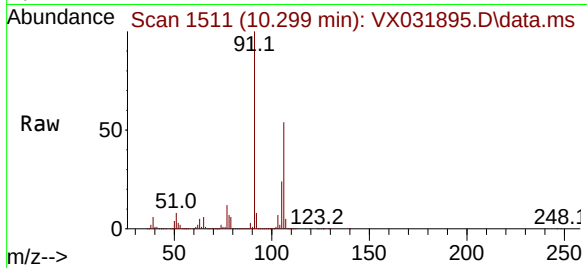




#68
m/p-Xylenes
Concen: 185.507 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

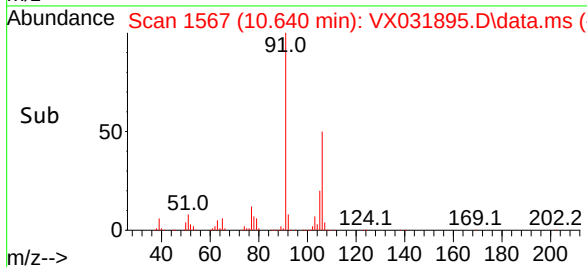
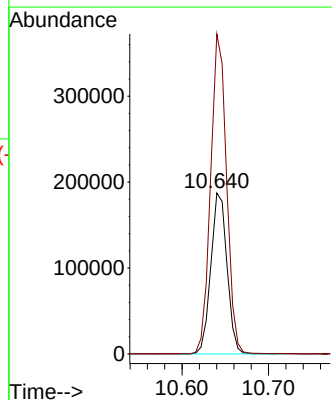
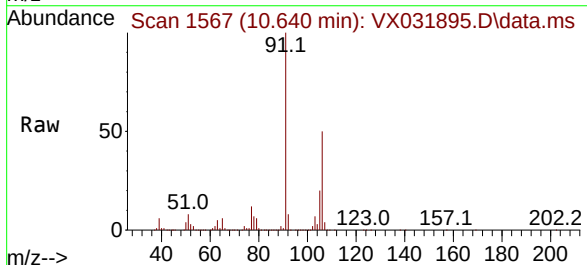
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)DL

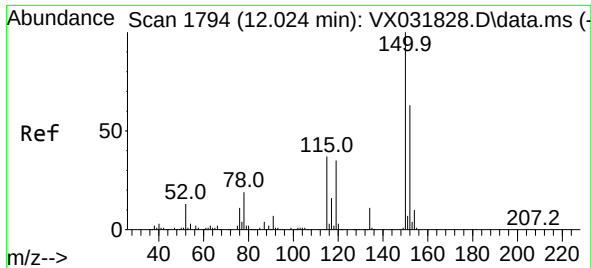
Tgt Ion:106 Resp: 647481
Ion Ratio Lower Upper
106 100
91 183.9 161.0 241.4



#69
o-Xylene
Concen: 70.848 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Tgt Ion:106 Resp: 243087
Ion Ratio Lower Upper
106 100
91 195.6 107.2 321.6

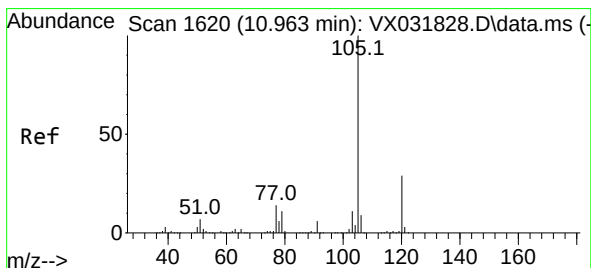
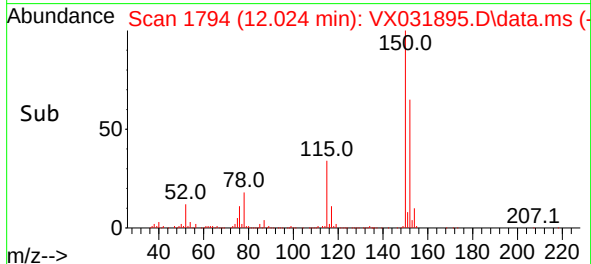
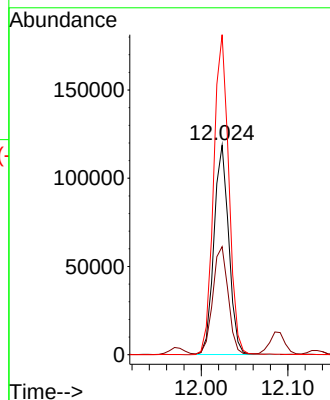
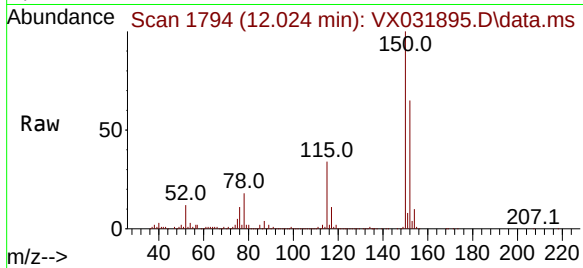




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

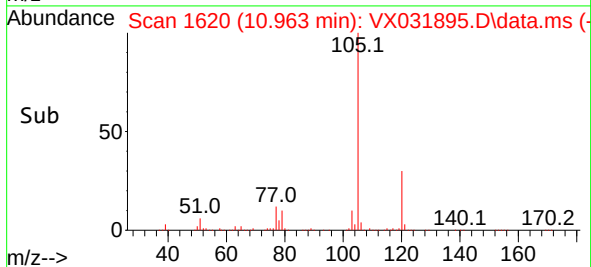
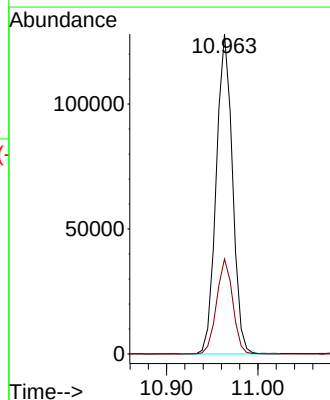
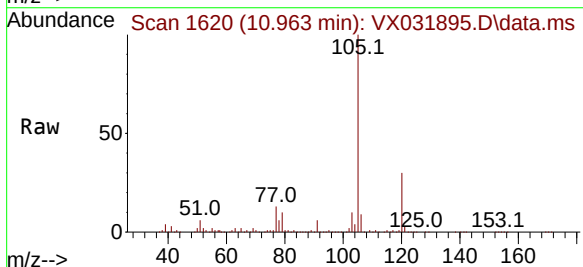
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)DL

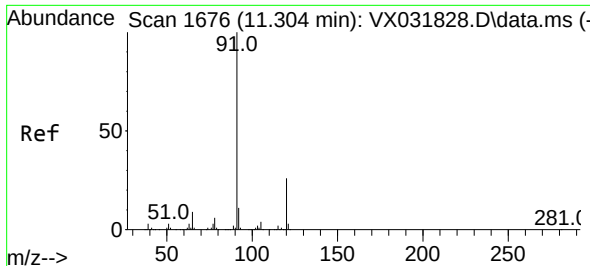
Tgt Ion:152 Resp: 140635
Ion Ratio Lower Upper
152 100
115 53.8 43.4 130.1
150 156.7 0.0 346.8



#73
Isopropylbenzene
Concen: 16.919 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Tgt Ion:105 Resp: 158043
Ion Ratio Lower Upper
105 100
120 29.5 13.7 41.0

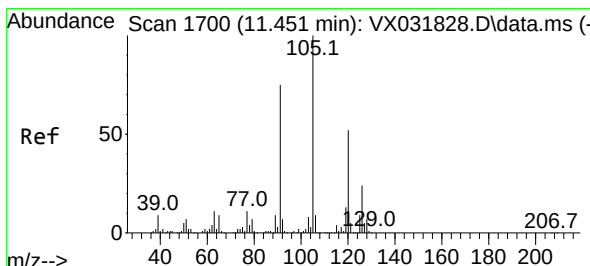
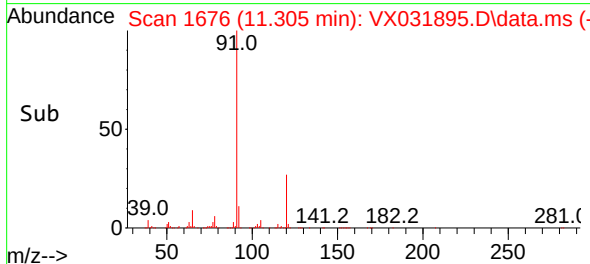
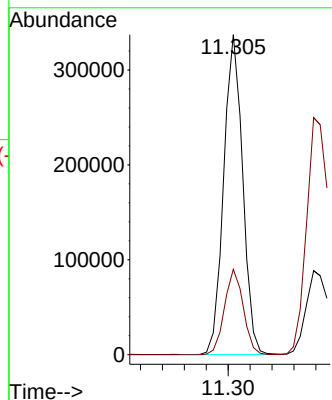
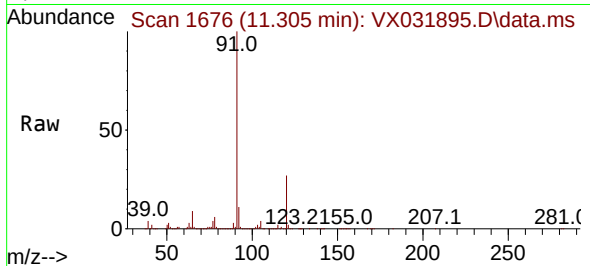




#78
n-propylbenzene
Concen: 40.710 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

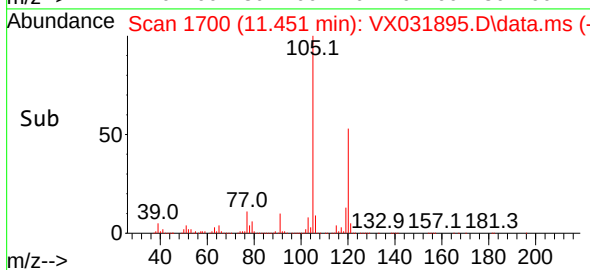
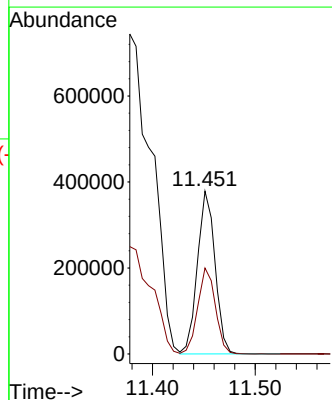
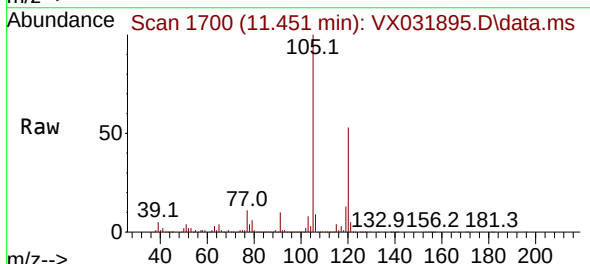
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)DL

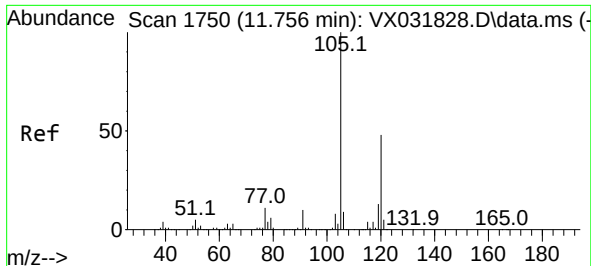
Tgt Ion: 91 Resp: 405034
Ion Ratio Lower Upper
91 100
120 26.4 11.8 35.4



#80
1,3,5-Trimethylbenzene
Concen: 58.492 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Tgt Ion: 105 Resp: 452220
Ion Ratio Lower Upper
105 100
120 52.7 24.5 73.5

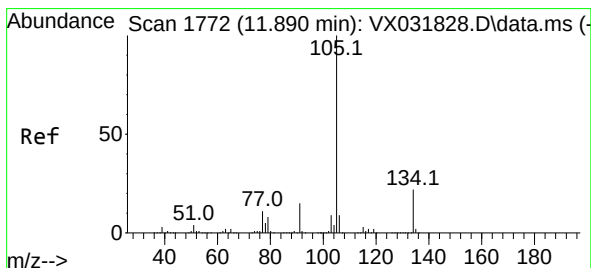
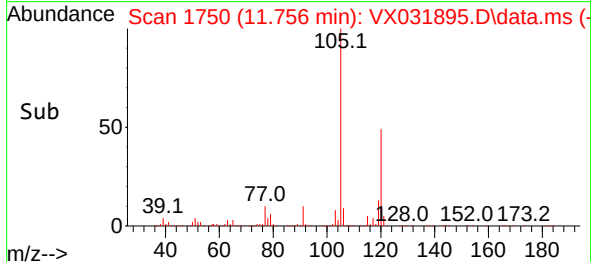
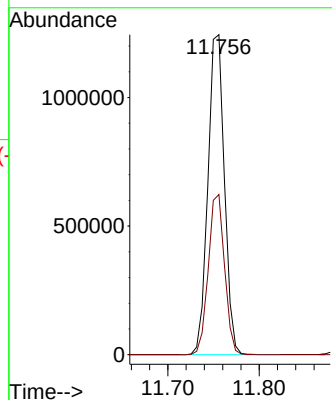
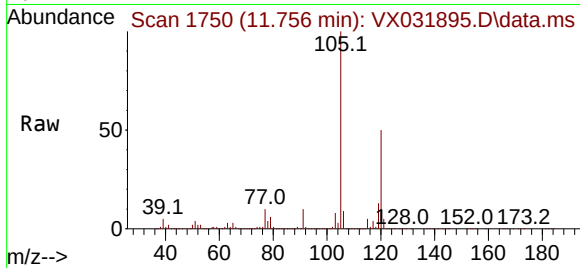




#84
1,2,4-Trimethylbenzene
Concen: 201.384 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

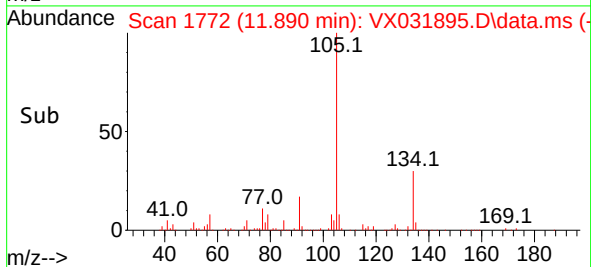
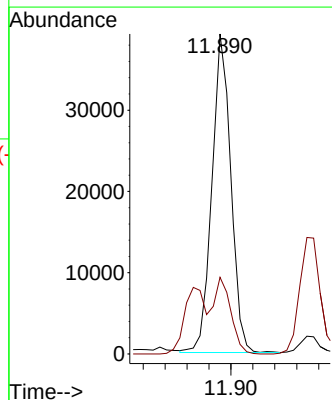
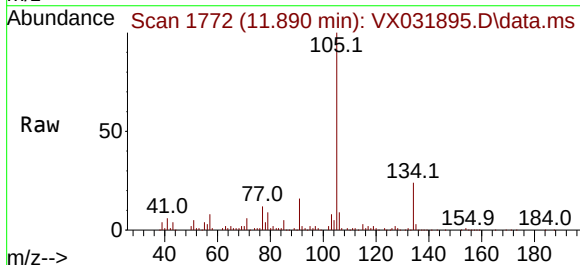
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)DL

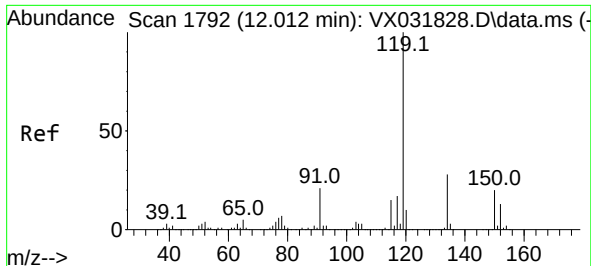
Tgt Ion:105 Resp: 1555226
Ion Ratio Lower Upper
105 100
120 49.4 22.6 67.8



#85
sec-Butylbenzene
Concen: 4.998 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Tgt Ion:105 Resp: 47037
Ion Ratio Lower Upper
105 100
134 22.0 10.4 31.1

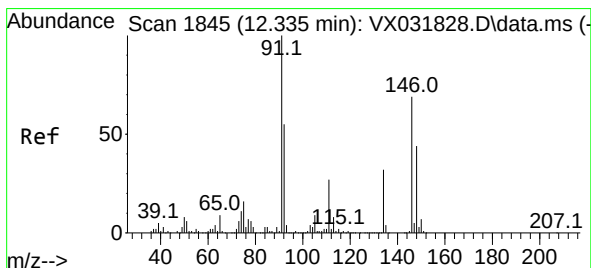
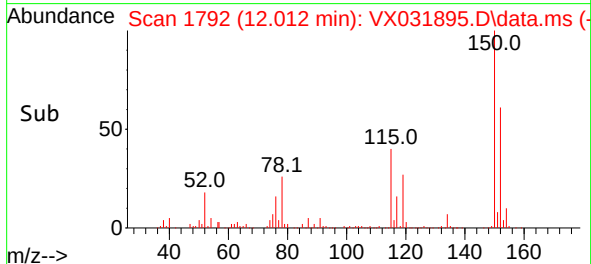
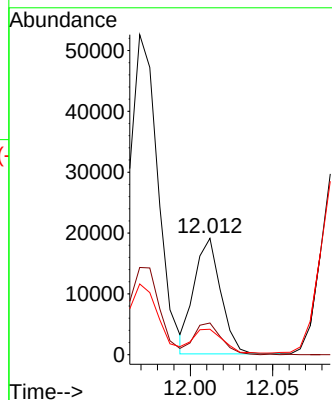
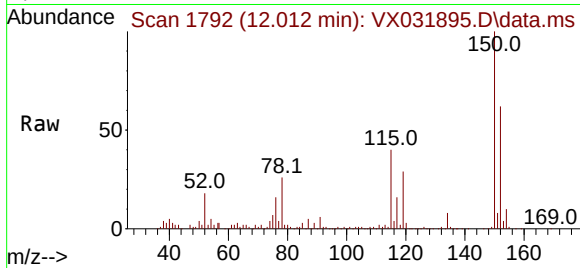




#86
p-Isopropyltoluene
Concen: 2.573 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

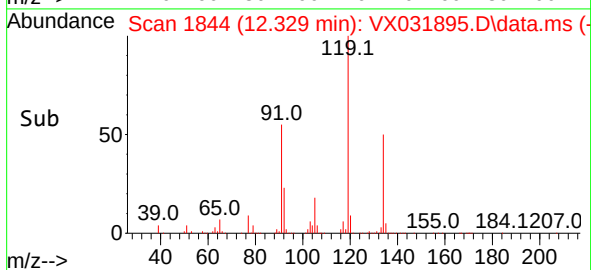
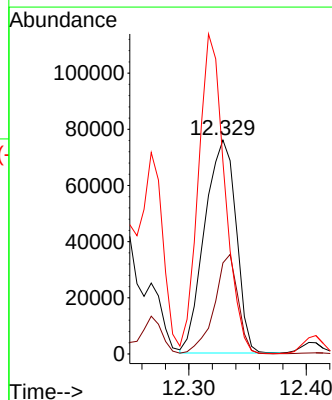
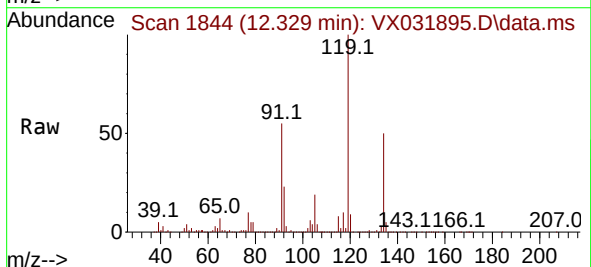
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)DL

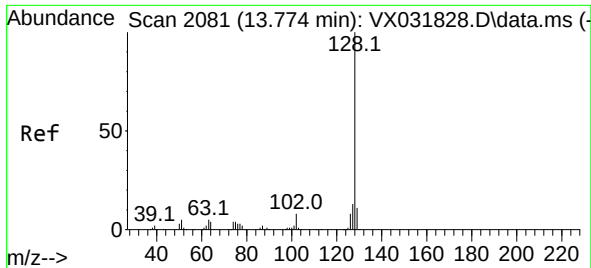
Tgt Ion:119 Resp: 21403
Ion Ratio Lower Upper
119 100
134 28.6 13.4 40.2
91 23.3 12.4 37.2



#89
n-Butylbenzene
Concen: 22.780 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

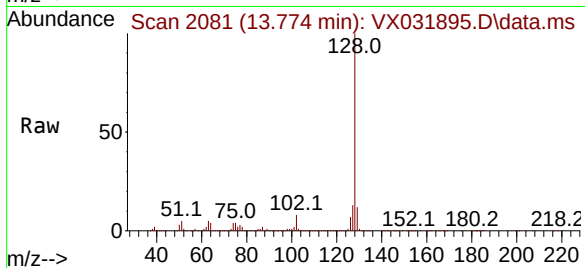
Tgt Ion: 91 Resp: 140962
Ion Ratio Lower Upper
91 100
92 35.0 27.0 81.0
134 125.3 13.3 39.9#





#95
Naphthalene
Concen: 29.326 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031895.D
Acq: 05 Oct 2022 15:20

Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)DL



Tgt Ion:128 Resp: 281256
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.5 8.8 13.2

