

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025855.D
 Acq On : 16 Dec 2021 15:07
 Operator : JC/MD
 Sample : M5084-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C4RE

Quant Time: Dec 17 02:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

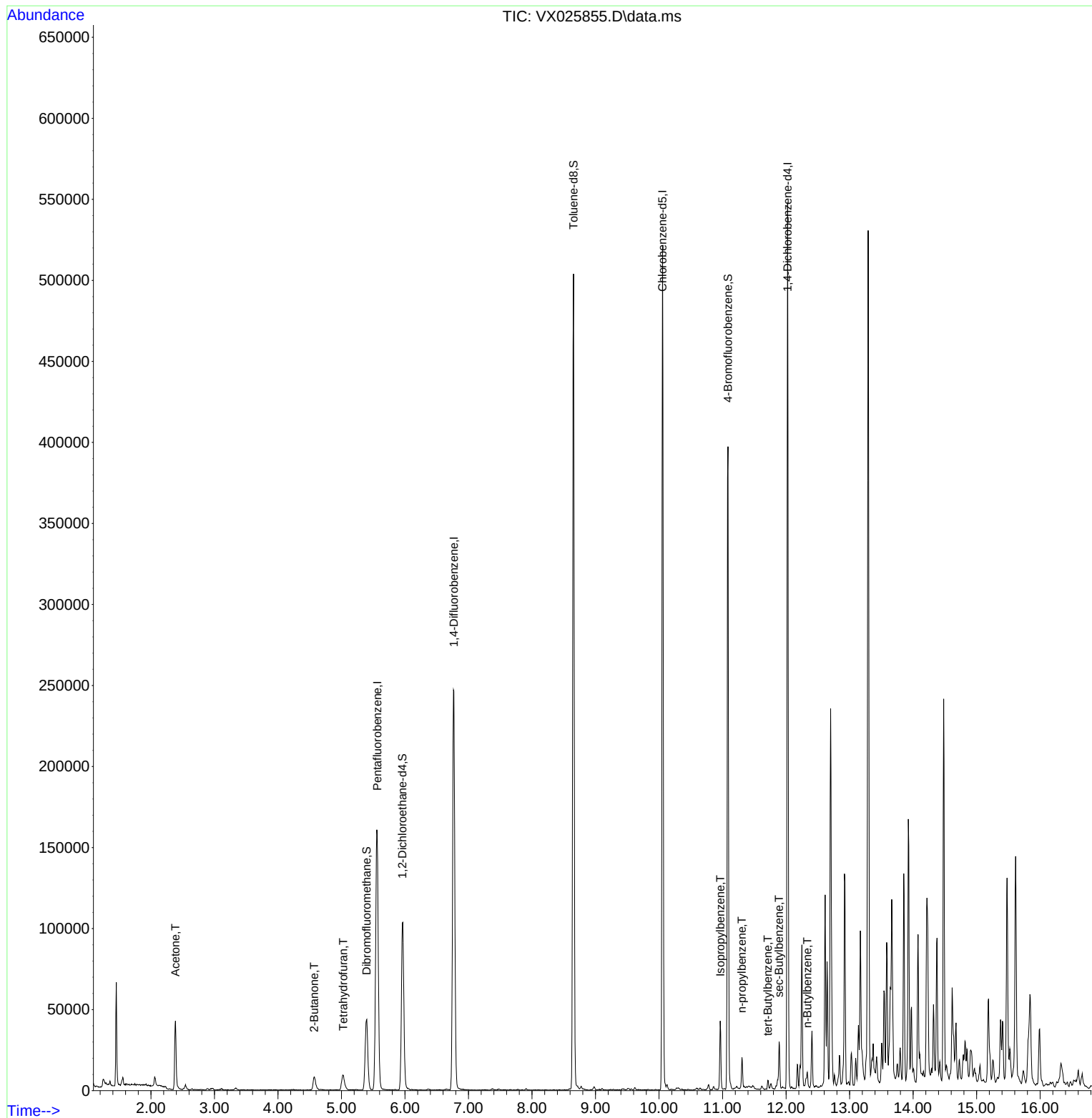
Internal Standards						
1) Pentafluorobenzene	5.562	168	152557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	260753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98024	44.657	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.320%
35) Dibromofluoromethane	5.397	113	37960	20.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	41.740%#
50) Toluene-d8	8.653	98	300234	45.313	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.620%#
62) 4-Bromofluorobenzene	11.085	95	108317	43.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.080%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	43542	27.160	ug/l	97
25) 2-Butanone	4.568	43	14732	9.979	ug/l	93
29) Tetrahydrofuran	5.026	42	8807	9.383	ug/l	99
73) Isopropylbenzene	10.963	105	21208	2.744	ug/l	99
78) n-propylbenzene	11.305	91	11595	1.326	ug/l	98
83) tert-Butylbenzene	11.713	119	2333	0.371	ug/l	84
85) sec-Butylbenzene	11.890	105	15295	2.025	ug/l	93
89) n-Butylbenzene	12.335	91	3517	0.665	ug/l	96

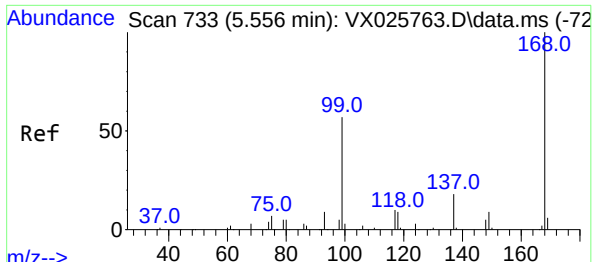
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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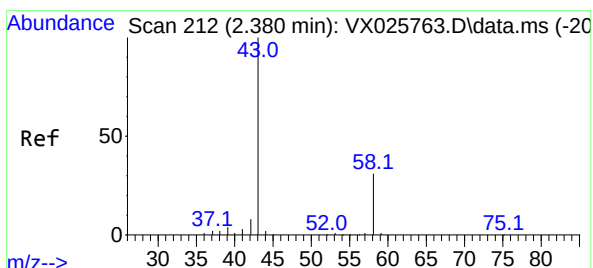
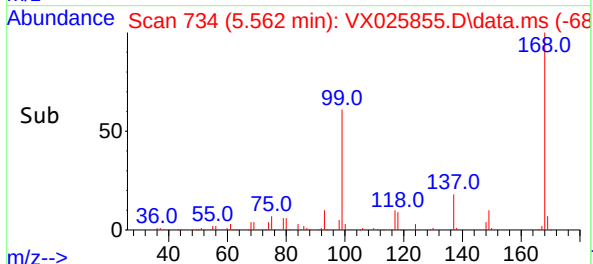
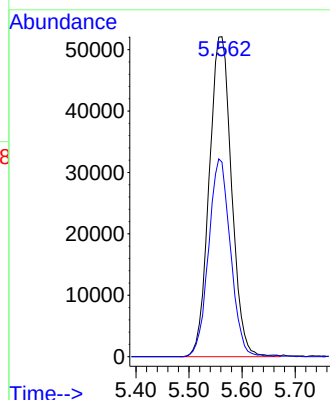
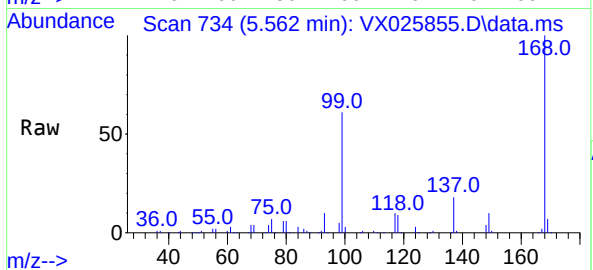




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

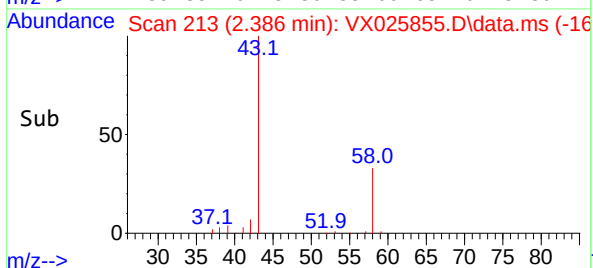
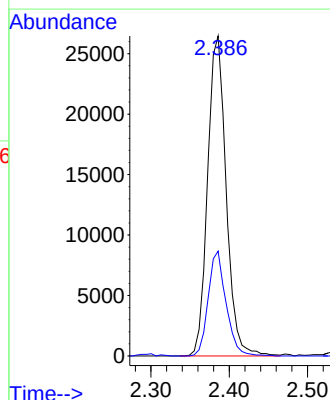
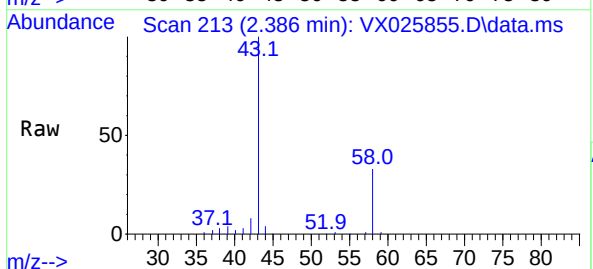
Instrument :
MSVOA_X
ClientSampleId :
C4RE

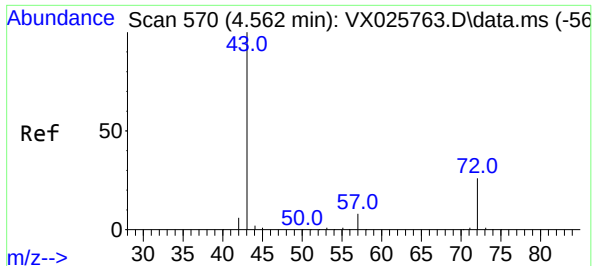
Tgt Ion:168 Resp: 152557
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.8



#16
Acetone
Concen: 27.160 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

Tgt Ion: 43 Resp: 43542
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2





#25

2-Butanone

Concen: 9.979 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX025855.D

Acq: 16 Dec 2021 15:07

Instrument :

MSVOA_X

ClientSampleId :

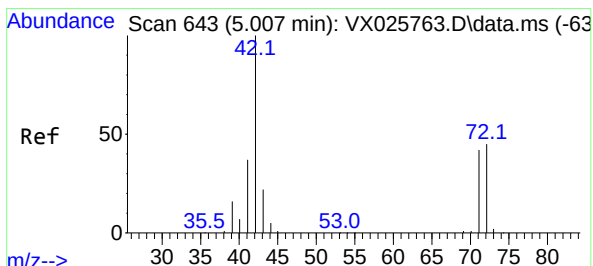
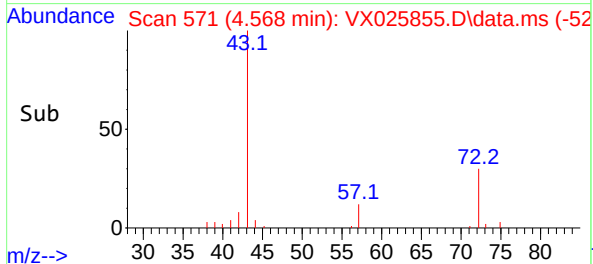
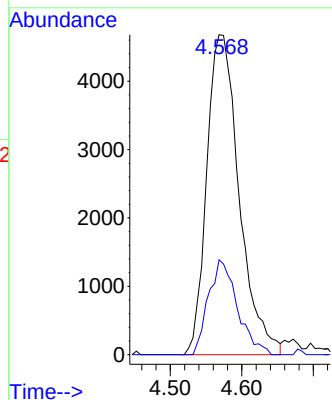
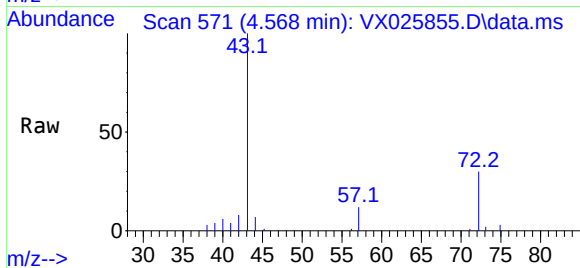
C4RE

Tgt Ion: 43 Resp: 14732

Ion Ratio Lower Upper

43 100

72 29.7 21.0 31.4



#29

Tetrahydrofuran

Concen: 9.383 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX025855.D

Acq: 16 Dec 2021 15:07

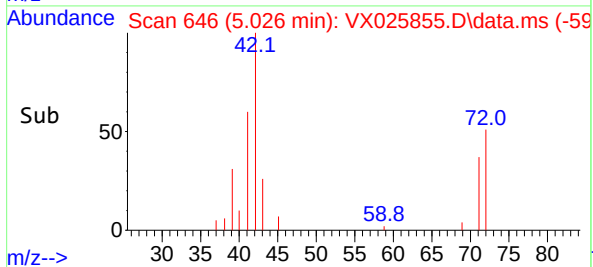
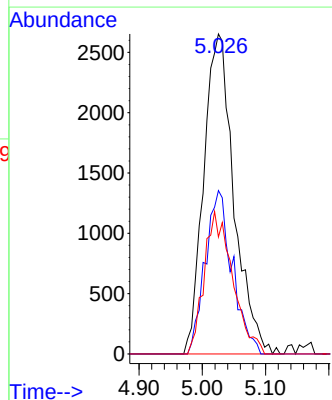
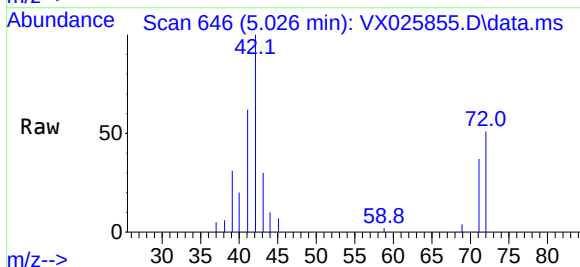
Tgt Ion: 42 Resp: 8807

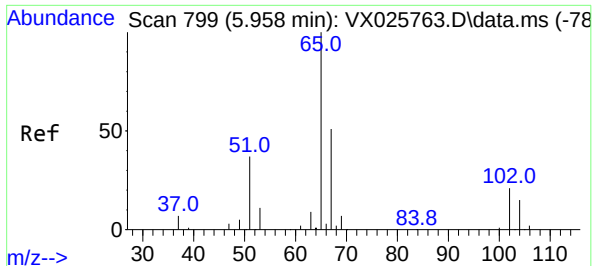
Ion Ratio Lower Upper

42 100

72 45.6 37.0 55.6

71 41.9 34.1 51.1

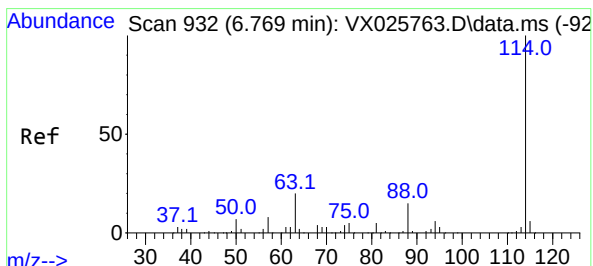
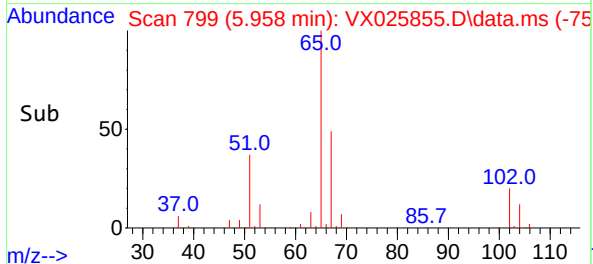
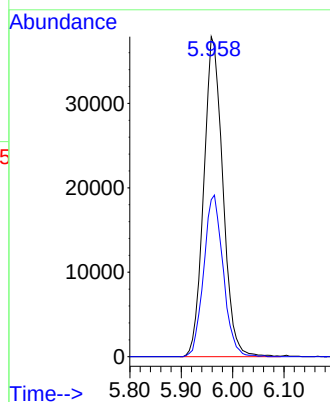
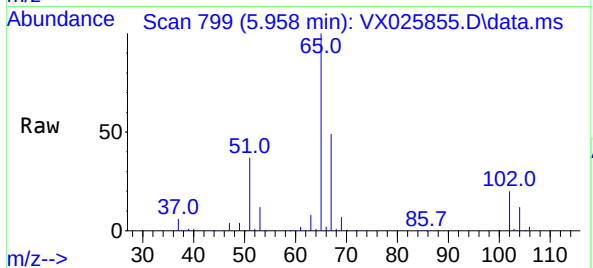




#33
 1,2-Dichloroethane-d4
 Concen: 44.657 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX025855.D
 Acq: 16 Dec 2021 15:07

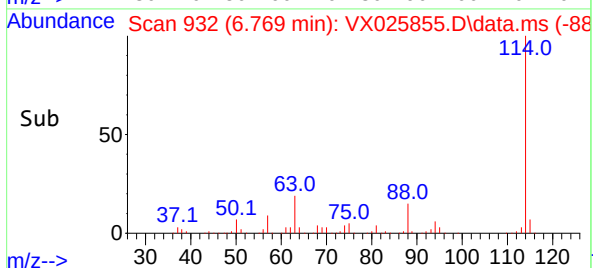
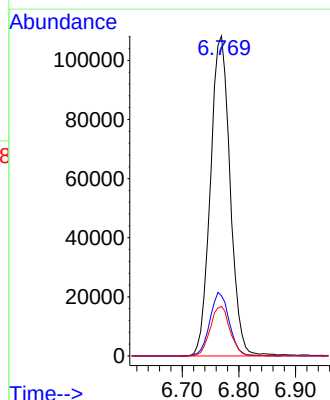
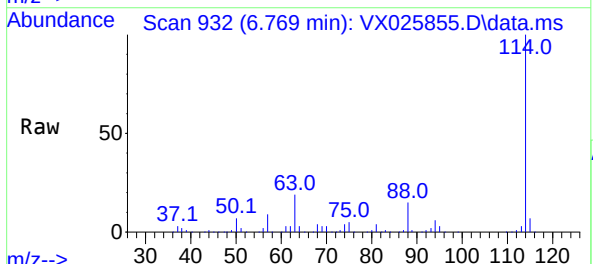
Instrument :
 MSVOA_X
 ClientSampleId :
 C4RE

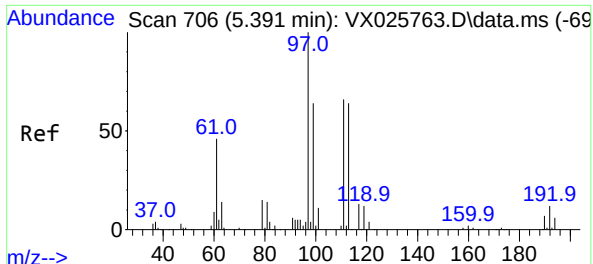
Tgt Ion: 65 Resp: 98024
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX025855.D
 Acq: 16 Dec 2021 15:07

Tgt Ion: 114 Resp: 260753
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.874 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025855.D

Acq: 16 Dec 2021 15:07

Instrument :

MSVOA_X

ClientSampleId :

C4RE

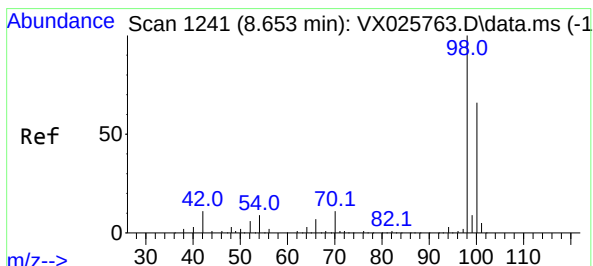
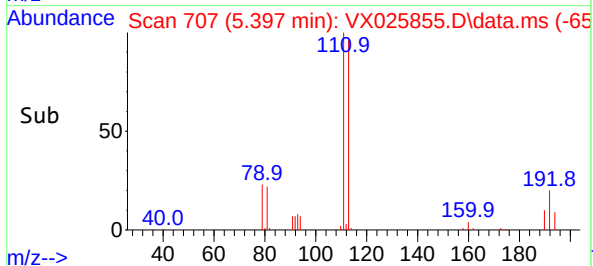
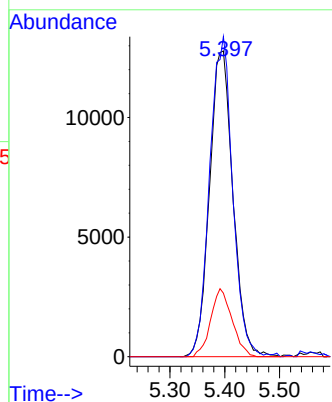
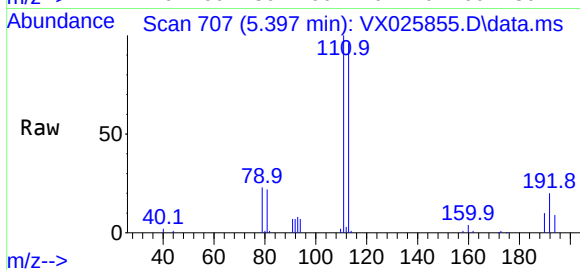
Tgt Ion:113 Resp: 37960

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 20.3 15.0 22.4



#50

Toluene-d8

Concen: 45.313 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025855.D

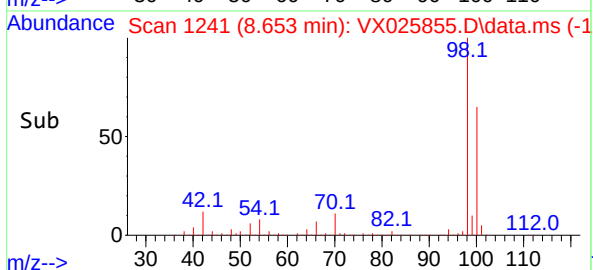
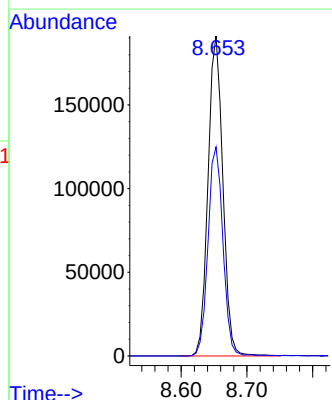
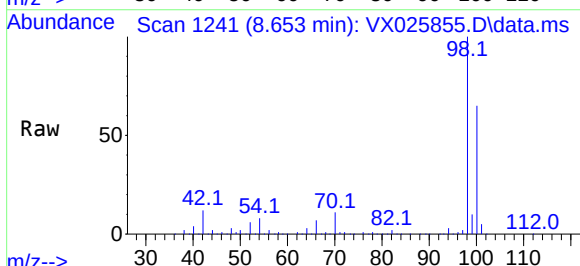
Acq: 16 Dec 2021 15:07

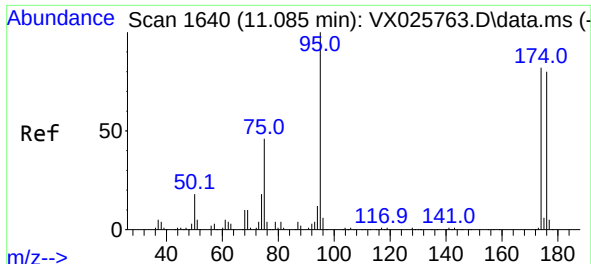
Tgt Ion: 98 Resp: 300234

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

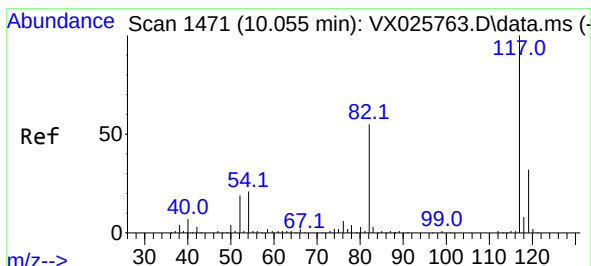
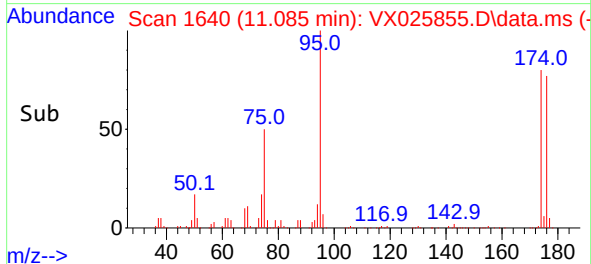
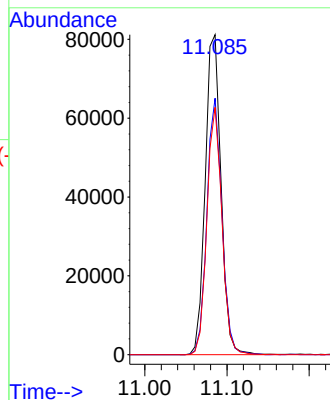
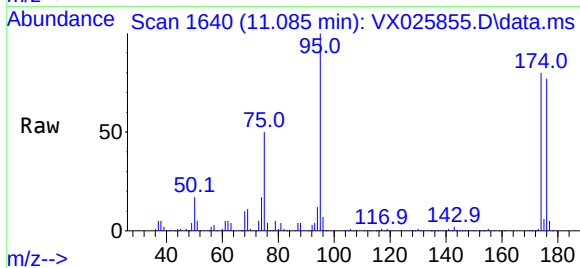




#62
4-Bromofluorobenzene
Concen: 43.036 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

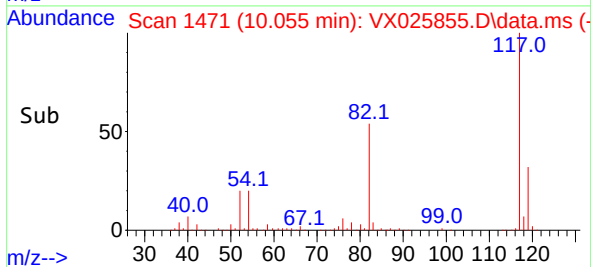
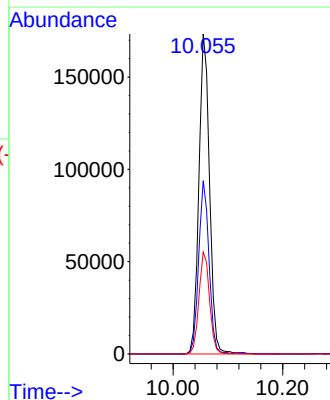
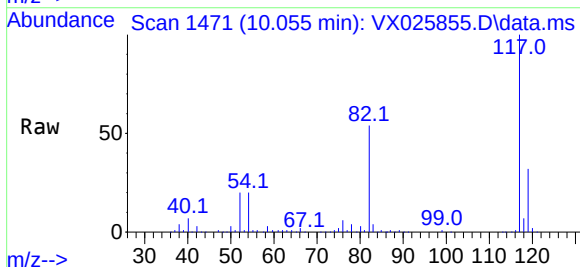
Instrument :
MSVOA_X
ClientSampleId :
C4RE

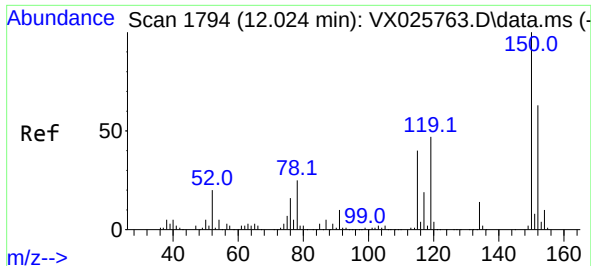
Tgt Ion: 95 Resp: 108317
Ion Ratio Lower Upper
95 100
174 76.5 0.0 157.4
176 73.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

Tgt Ion: 117 Resp: 233783
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 31.9 25.2 37.8

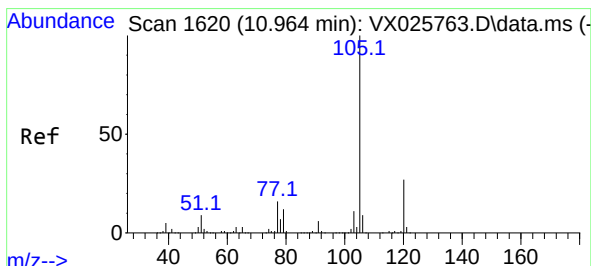
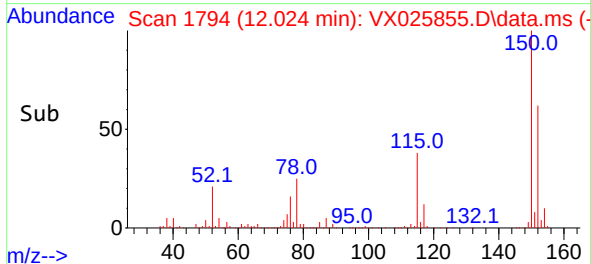
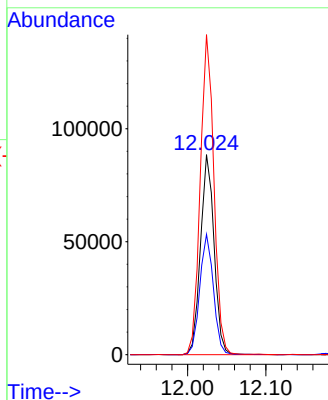
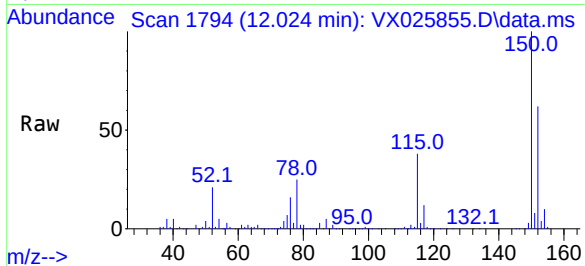




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

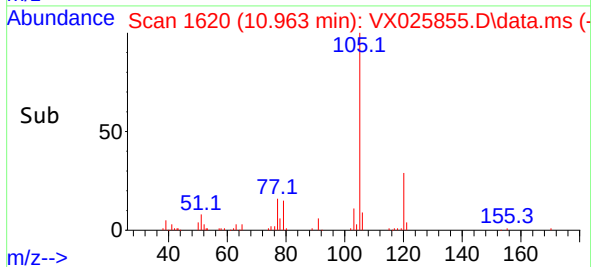
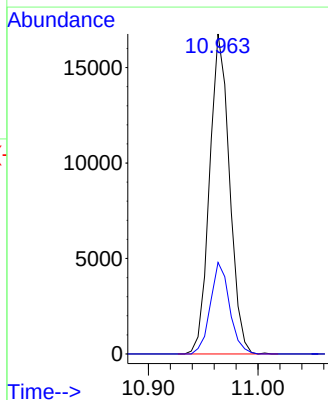
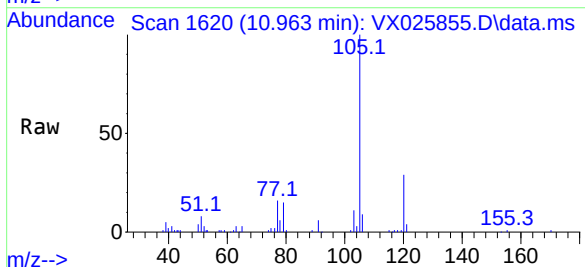
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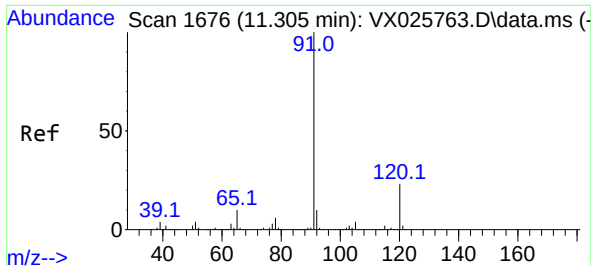
Tgt Ion:152 Resp: 106490
Ion Ratio Lower Upper
152 100
115 60.7 41.3 123.9
150 160.4 0.0 351.8



#73
Isopropylbenzene
Concen: 2.744 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

Tgt Ion:105 Resp: 21208
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7

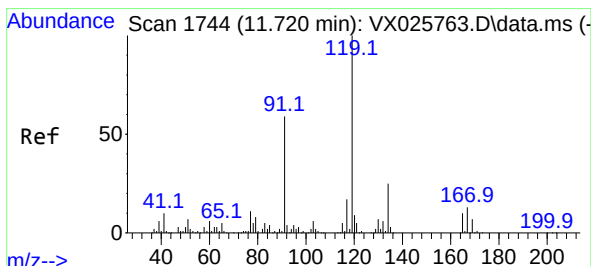
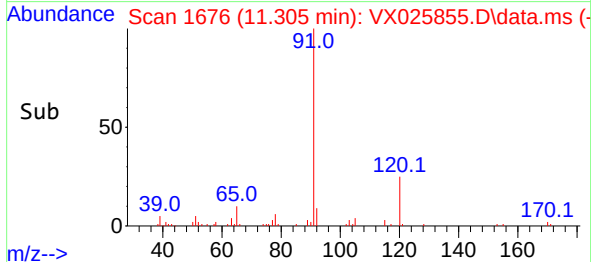
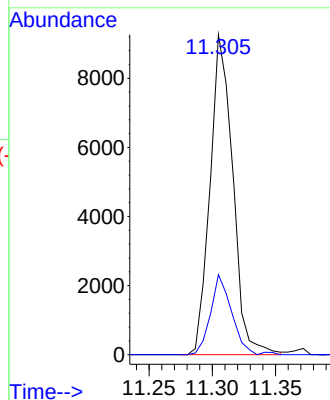
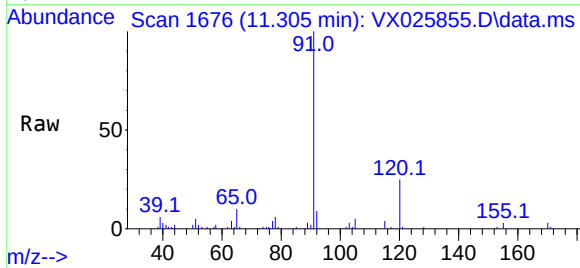




#78
n-propylbenzene
Concen: 1.326 ug/l
RT: 11.305 min Scan# 11595
Delta R.T. -0.000 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

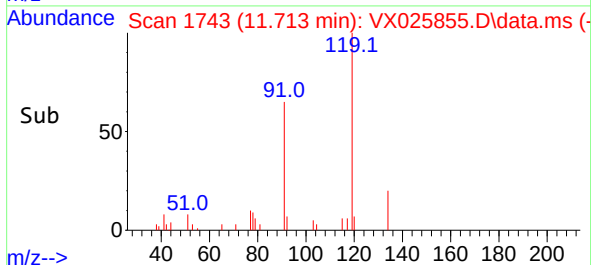
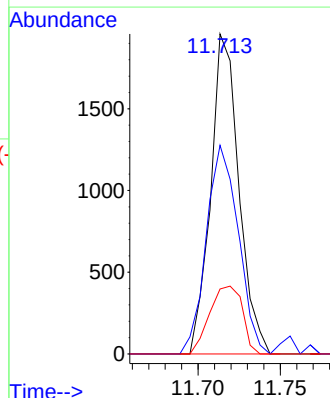
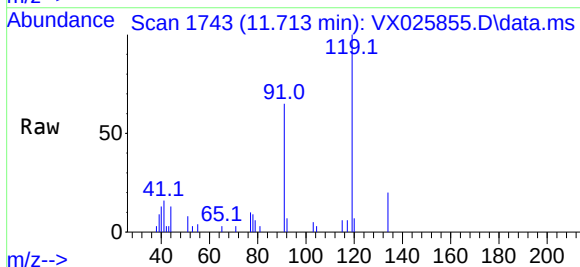
Instrument :
MSVOA_X
ClientSampleId :
C4RE

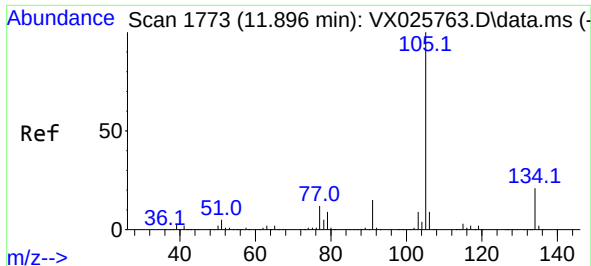
Tgt Ion: 91 Resp: 11595
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.1



#83
tert-Butylbenzene
Concen: 0.371 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX025855.D
Acq: 16 Dec 2021 15:07

Tgt Ion: 119 Resp: 2333
Ion Ratio Lower Upper
119 100
91 74.1 28.7 86.1
134 24.6 11.9 35.9

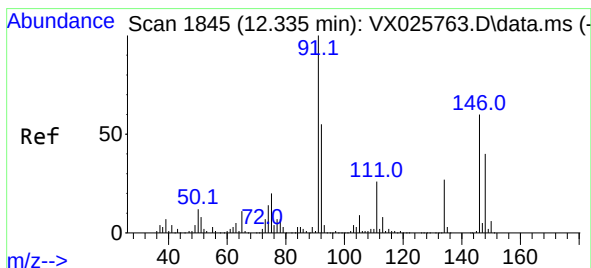
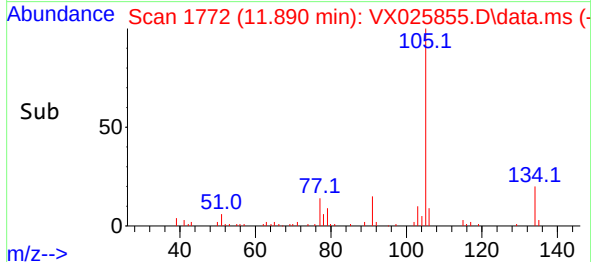
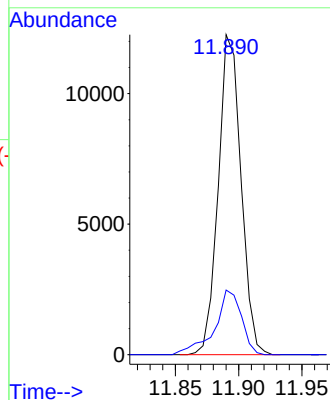
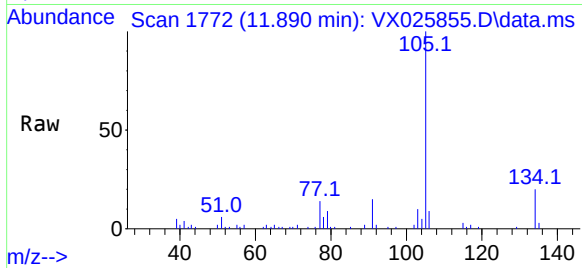




#85
 sec-Butylbenzene
 Concen: 2.025 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX025855.D
 Acq: 16 Dec 2021 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 C4RE

Tgt Ion:105 Resp: 15295
 Ion Ratio Lower Upper
 105 100
 134 23.9 10.4 31.1



#89
 n-Butylbenzene
 Concen: 0.665 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX025855.D
 Acq: 16 Dec 2021 15:07

Tgt Ion: 91 Resp: 3517
 Ion Ratio Lower Upper
 91 100
 92 51.9 27.3 81.8
 134 29.5 13.5 40.4

