

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025841.D
 Acq On : 16 Dec 2021 02:49
 Operator : JC/MD
 Sample : M5084-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C4

Quant Time: Dec 16 07:35:32 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)

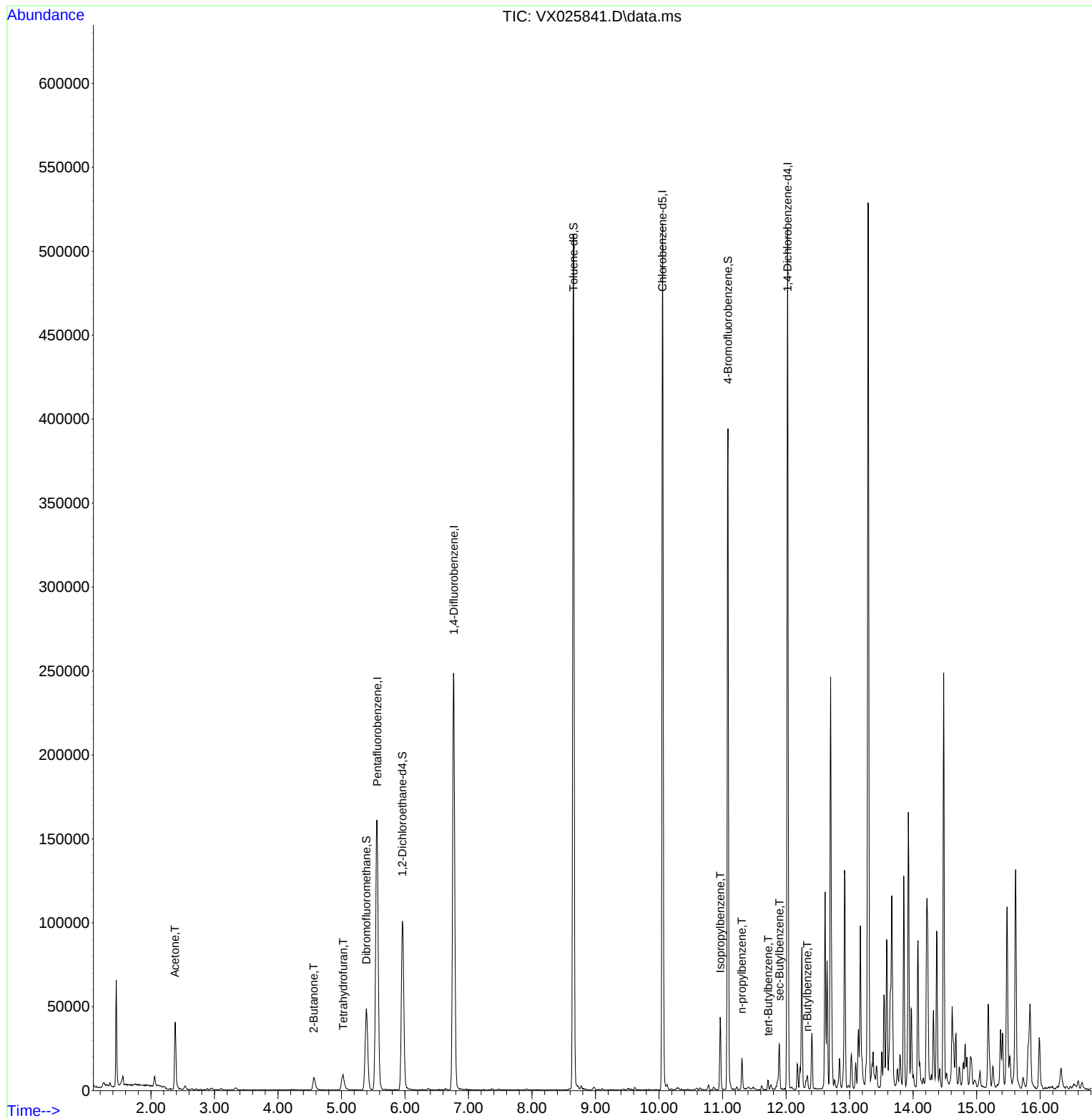
Internal Standards						
1) Pentafluorobenzene	5.562	168	151703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97349	44.600	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.200%
35) Dibromofluoromethane	5.391	113	40644	22.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	45.260%#
50) Toluene-d8	8.653	98	301624	46.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.200%
62) 4-Bromofluorobenzene	11.085	95	105967	42.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.280%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	42000	25.659	ug/l	100
25) 2-Butanone	4.562	43	13646	9.295	ug/l	91
29) Tetrahydrofuran	5.025	42	8472	9.077	ug/l	98
73) Isopropylbenzene	10.963	105	21472	2.878	ug/l	98
78) n-propylbenzene	11.305	91	10729	1.271	ug/l	99
83) tert-Butylbenzene	11.719	119	2314	0.382	ug/l	86
85) sec-Butylbenzene	11.896	105	14954	2.051	ug/l	90
89) n-Butylbenzene	12.335	91	3491	0.684	ug/l	93

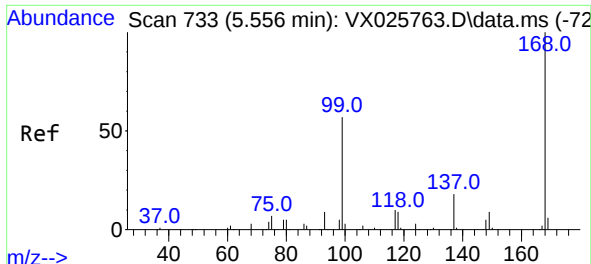
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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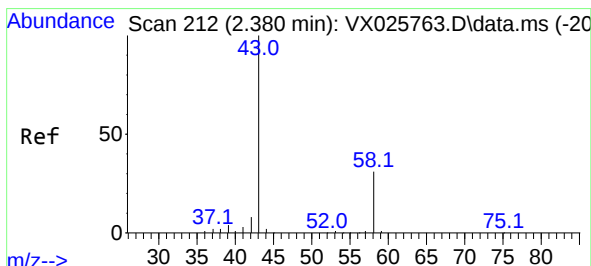
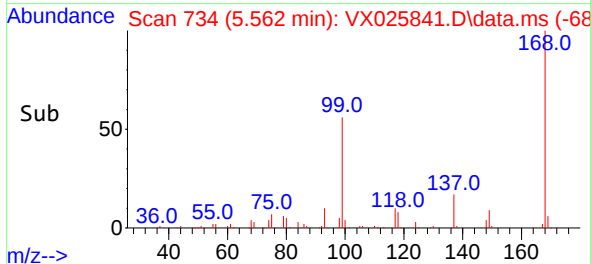
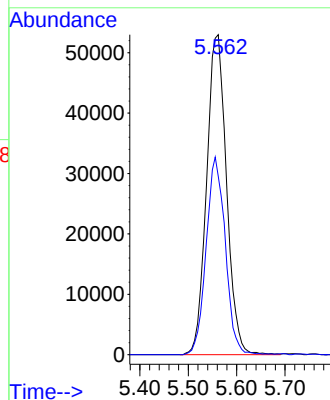
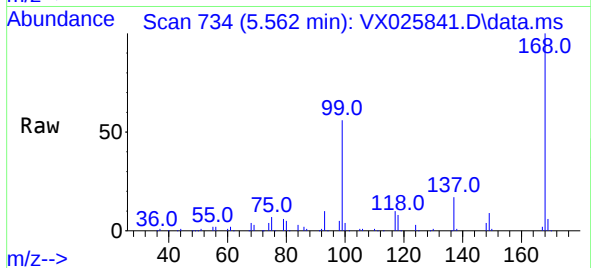




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

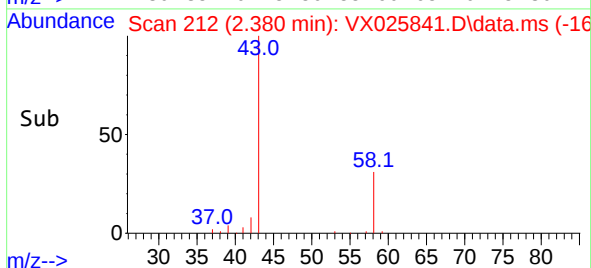
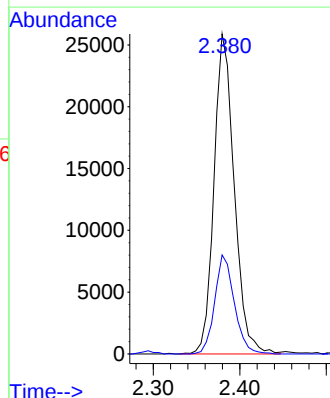
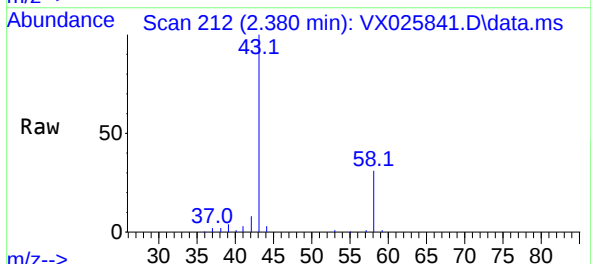
Instrument :
MSVOA_X
ClientSampleId :
C4

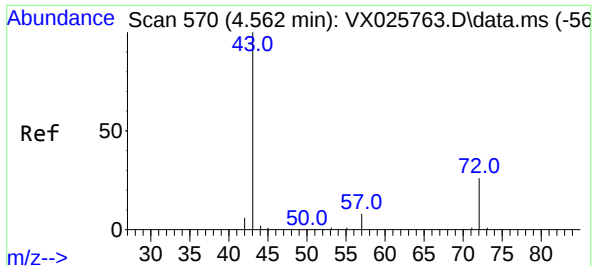
Tgt Ion:168 Resp: 151703
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.8



#16
Acetone
Concen: 25.659 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

Tgt Ion: 43 Resp: 42000
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2





#25

2-Butanone

Concen: 9.295 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX025841.D

Acq: 16 Dec 2021 02:49

Instrument :

MSVOA_X

ClientSampleId :

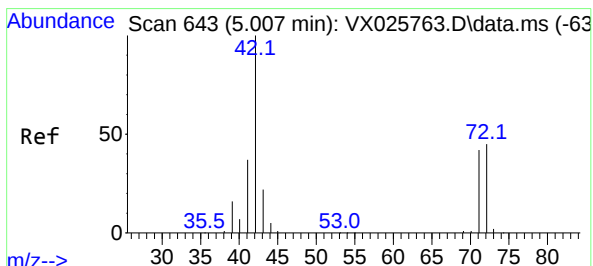
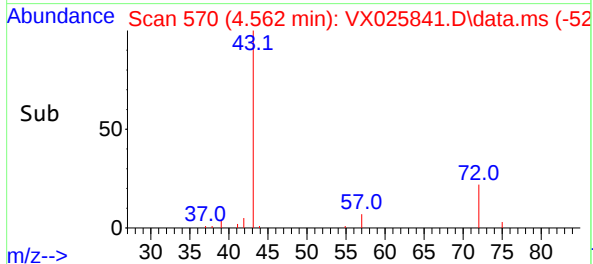
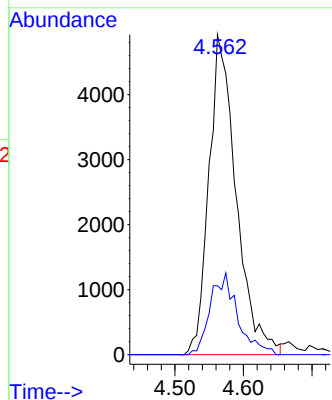
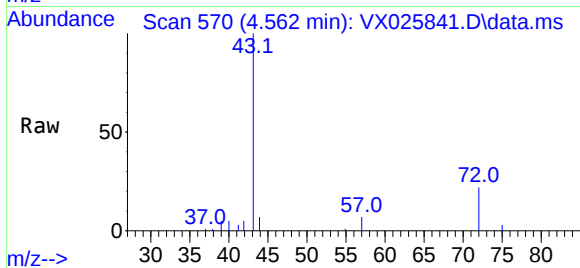
C4

Tgt Ion: 43 Resp: 13646

Ion Ratio Lower Upper

43 100

72 21.5 21.0 31.4



#29

Tetrahydrofuran

Concen: 9.077 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX025841.D

Acq: 16 Dec 2021 02:49

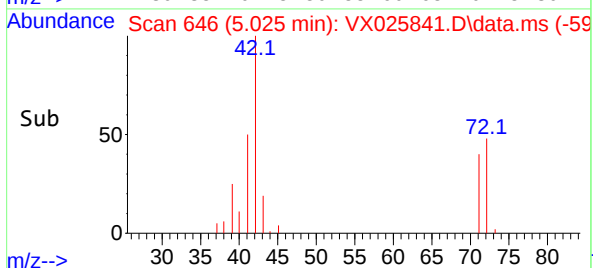
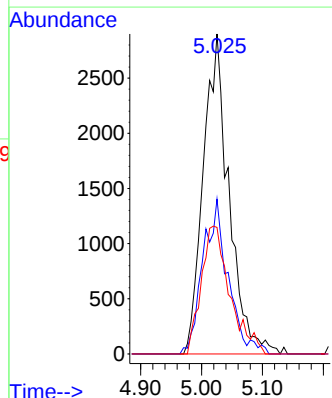
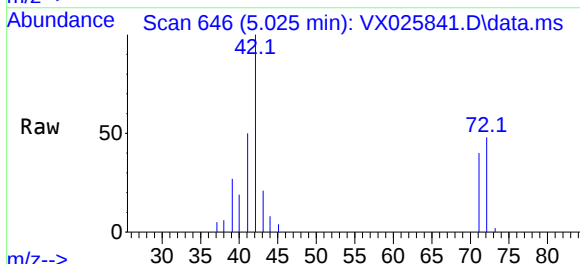
Tgt Ion: 42 Resp: 8472

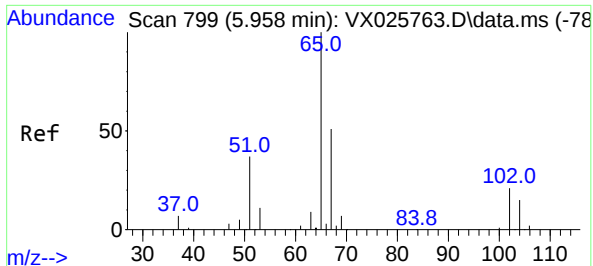
Ion Ratio Lower Upper

42 100

72 45.8 37.0 55.6

71 44.6 34.1 51.1

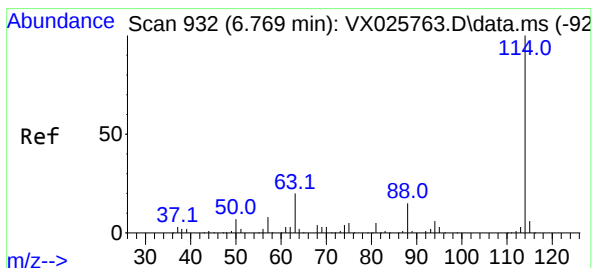
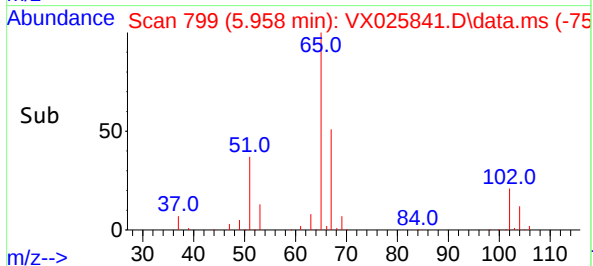
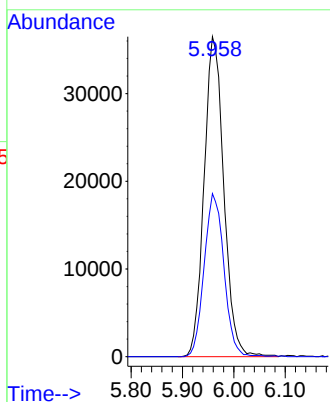
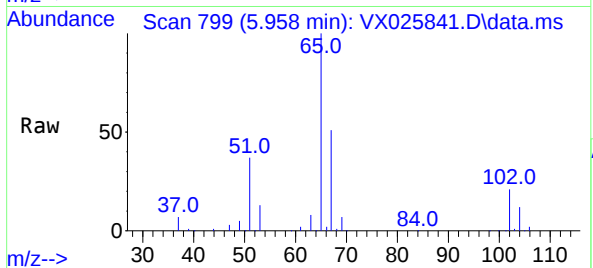




#33
1,2-Dichloroethane-d4
Concen: 44.600 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

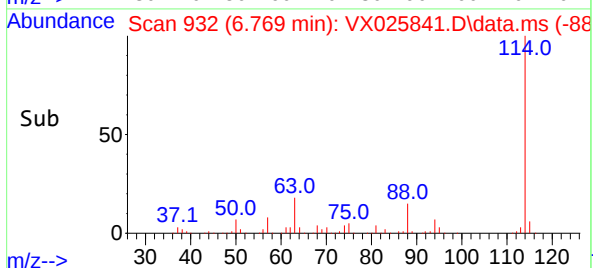
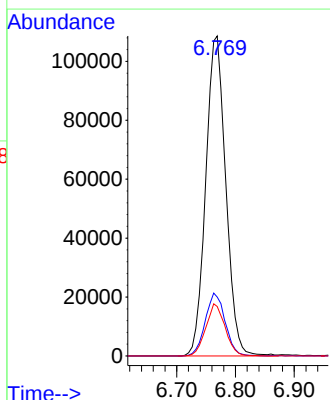
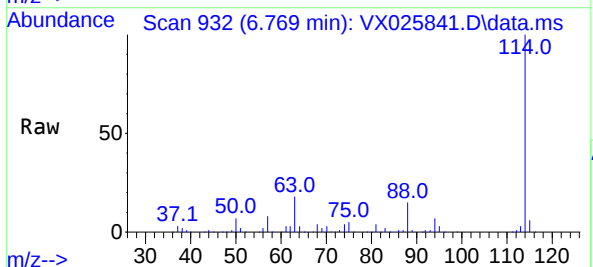
Instrument :
MSVOA_X
ClientSampleId :
C4

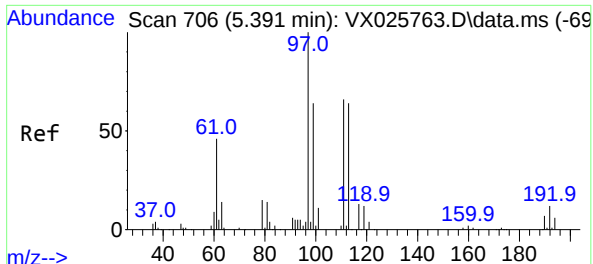
Tgt Ion: 65 Resp: 97349
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

Tgt Ion: 114 Resp: 257485
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 22.634 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025841.D

Acq: 16 Dec 2021 02:49

Instrument :

MSVOA_X

ClientSampleId :

C4

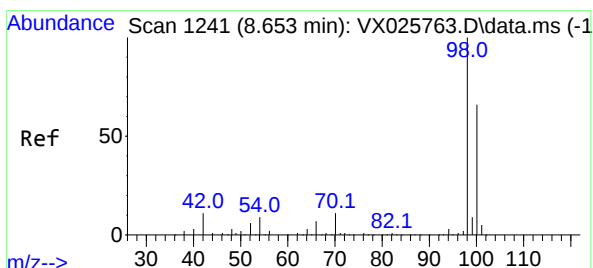
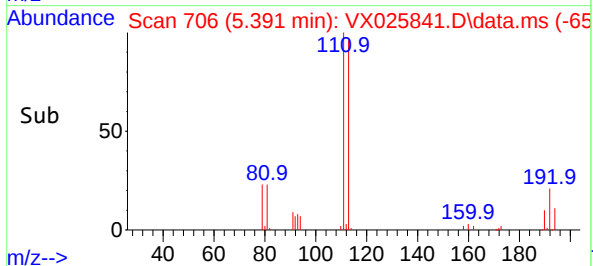
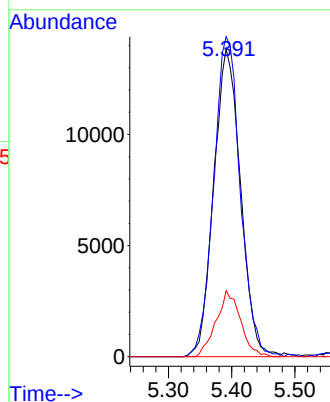
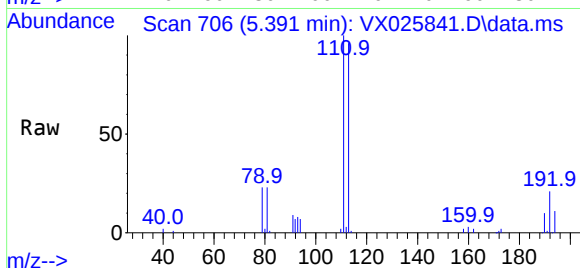
Tgt Ion:113 Resp: 40644

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

192 19.5 15.0 22.4



#50

Toluene-d8

Concen: 46.100 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025841.D

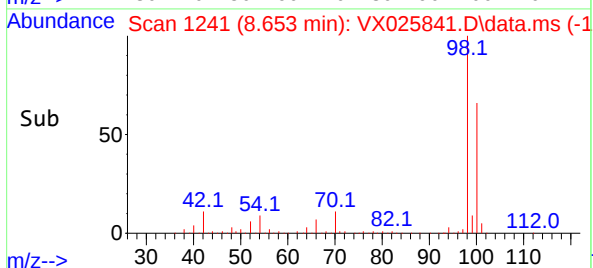
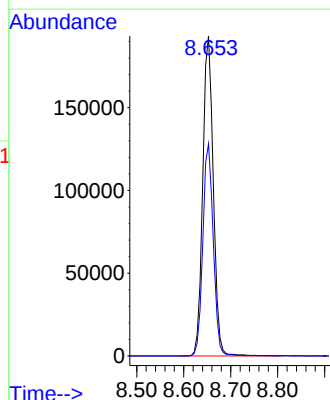
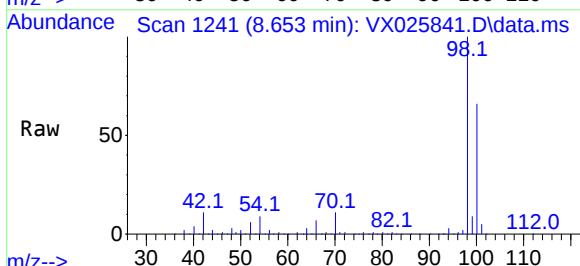
Acq: 16 Dec 2021 02:49

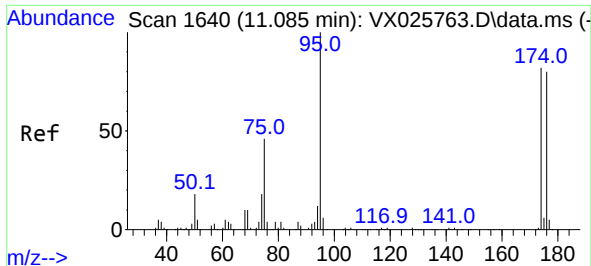
Tgt Ion: 98 Resp: 301624

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

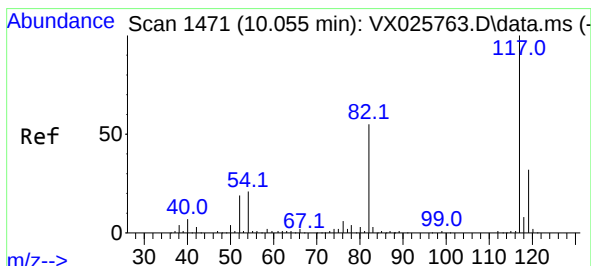
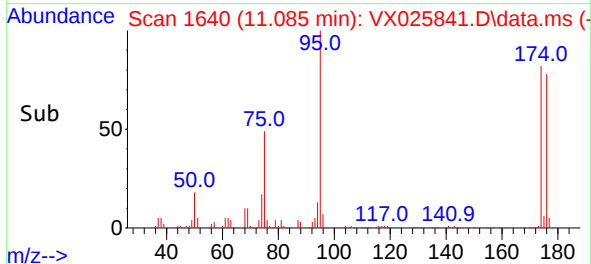
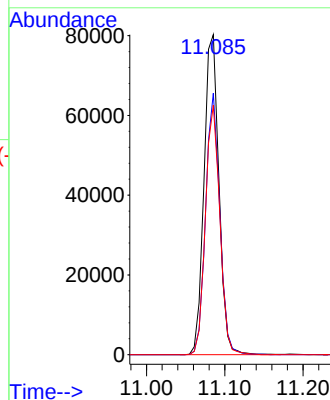
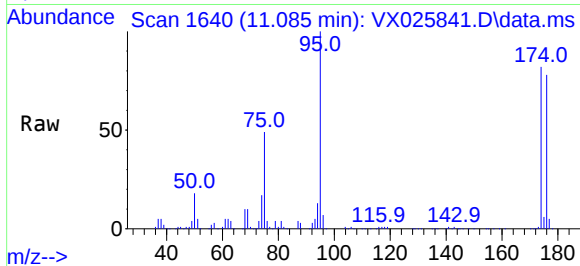




#62
4-Bromofluorobenzene
Concen: 42.636 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

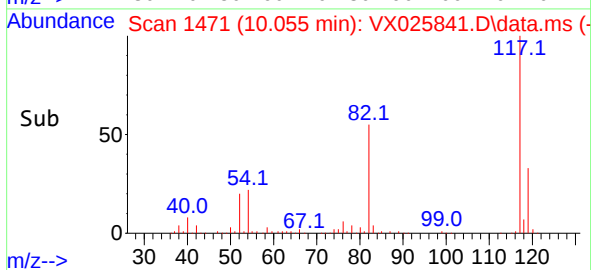
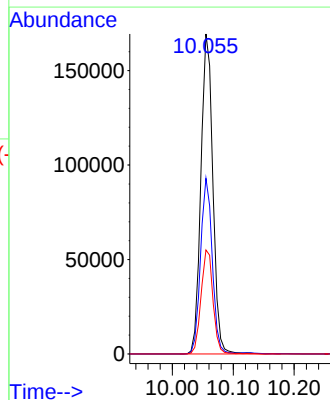
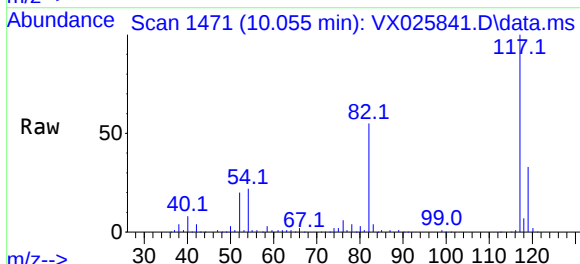
Instrument :
MSVOA_X
ClientSampleId :
C4

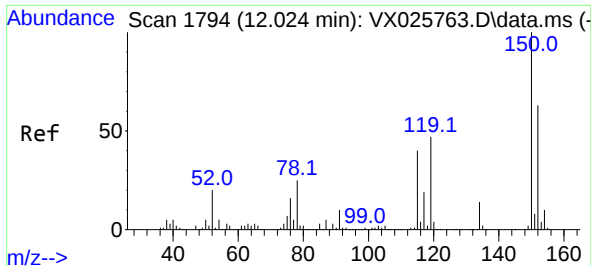
Tgt Ion: 95 Resp: 105967
Ion Ratio Lower Upper
95 100
174 77.4 0.0 157.4
176 75.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

Tgt Ion: 117 Resp: 231166
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.6
119 32.5 25.2 37.8

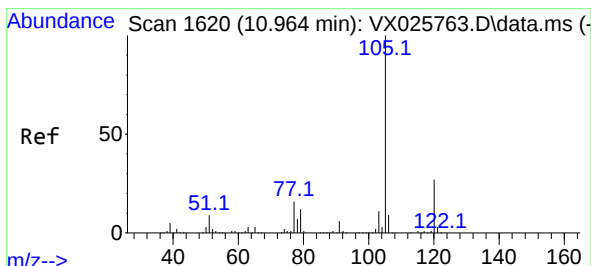
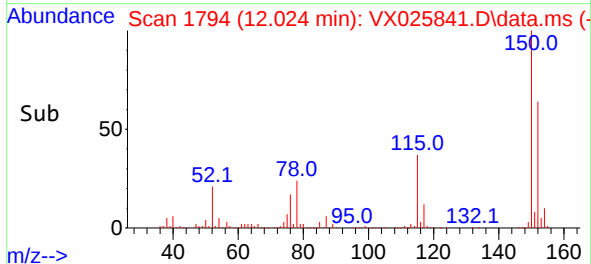
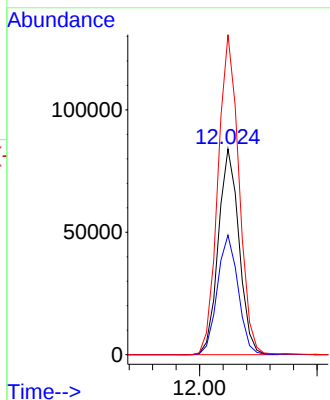
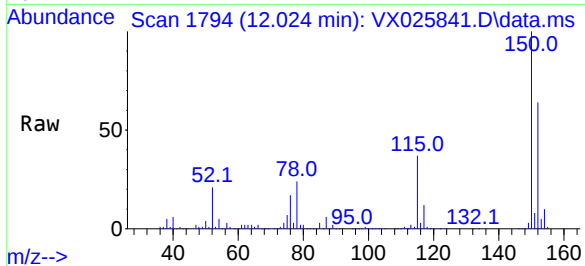




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

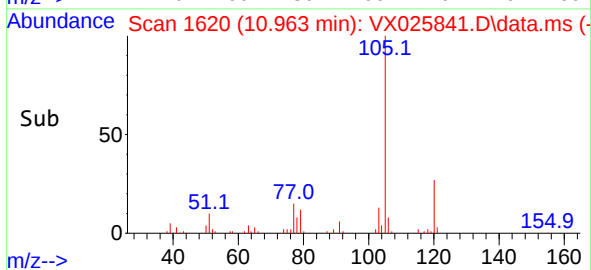
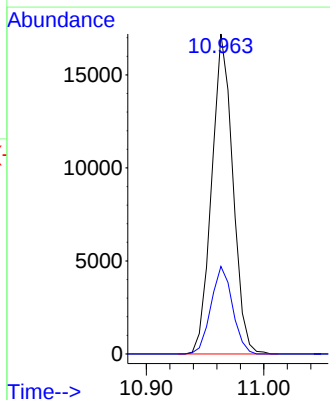
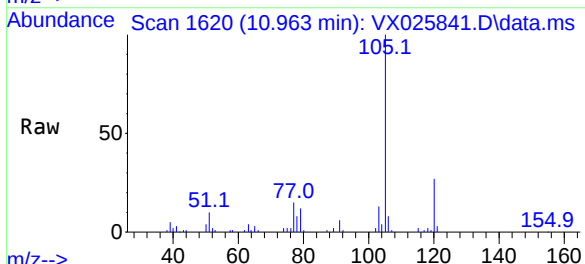
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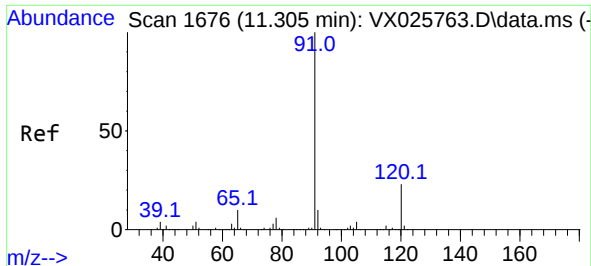
Tgt Ion:152 Resp: 102797
Ion Ratio Lower Upper
152 100
115 58.4 41.3 123.9
150 158.0 0.0 351.8



#73
Isopropylbenzene
Concen: 2.878 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

Tgt Ion:105 Resp: 21472
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.7

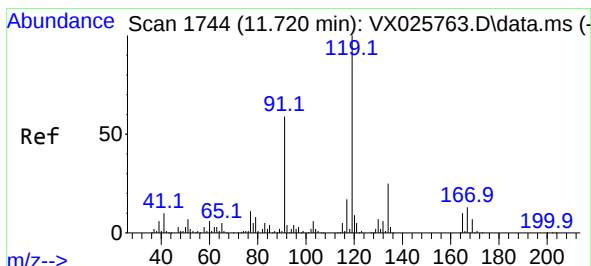
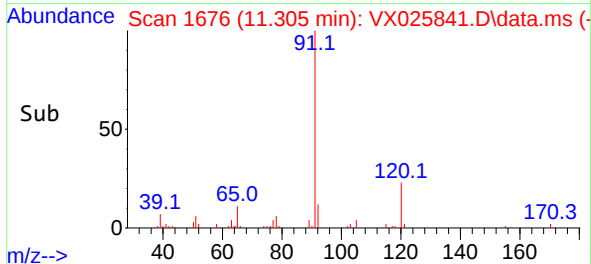
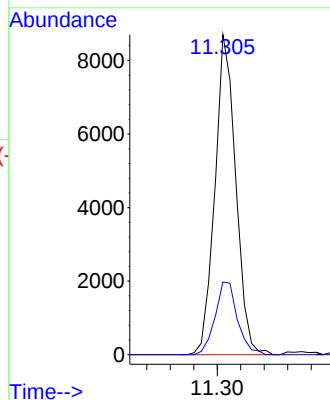
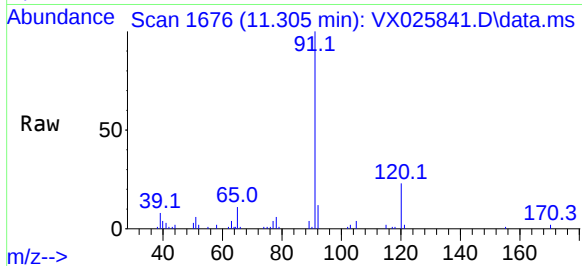




#78
n-propylbenzene
Concen: 1.271 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

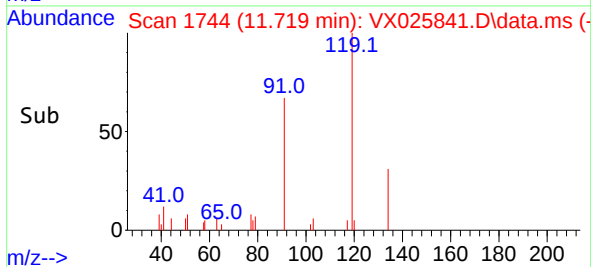
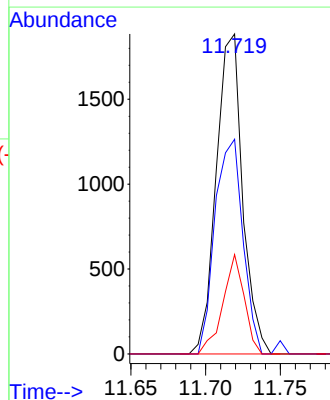
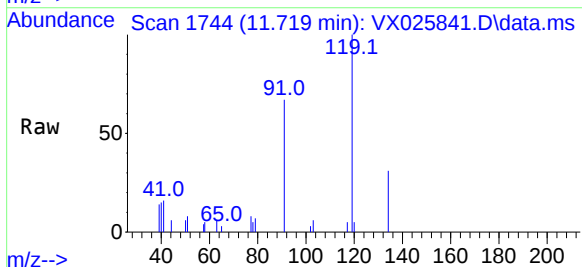
Instrument :
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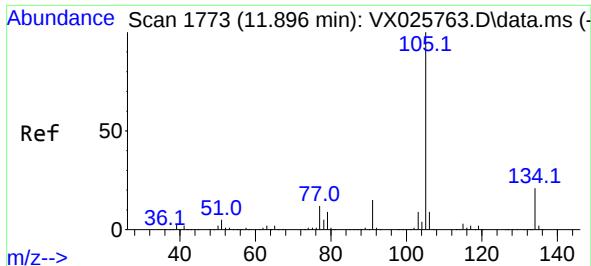
Tgt Ion: 91 Resp: 10729
Ion Ratio Lower Upper
91 100
120 24.4 12.0 36.1



#83
tert-Butylbenzene
Concen: 0.382 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

Tgt Ion: 119 Resp: 2314
Ion Ratio Lower Upper
119 100
91 70.8 28.7 86.1
134 25.1 11.9 35.9

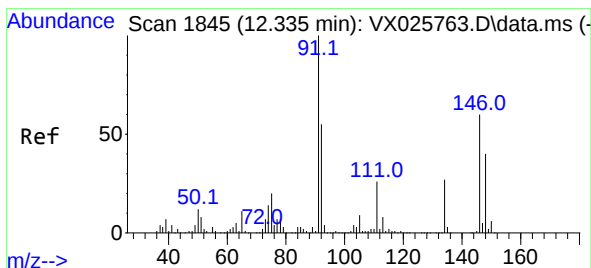
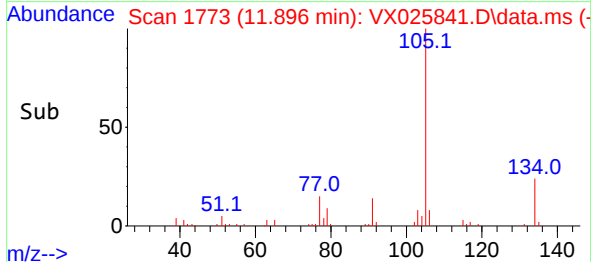
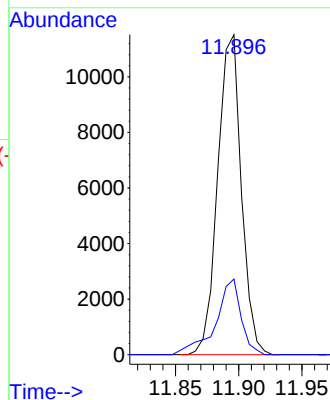
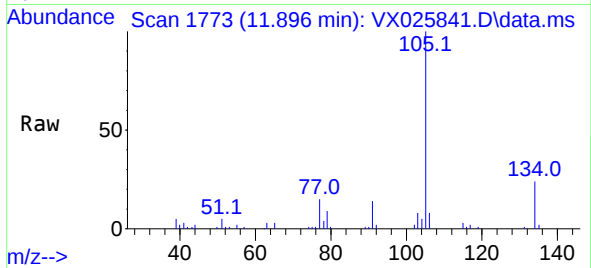




#85
sec-Butylbenzene
Concen: 2.051 ug/l
RT: 11.896 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

Instrument :
MSVOA_X
ClientSampleId :
C4

Tgt Ion:105 Resp: 14954
Ion Ratio Lower Upper
105 100
134 25.4 10.4 31.1



#89
n-Butylbenzene
Concen: 0.684 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025841.D
Acq: 16 Dec 2021 02:49

Tgt Ion: 91 Resp: 3491
Ion Ratio Lower Upper
91 100
92 49.3 27.3 81.8
134 30.4 13.5 40.4

