

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025839.D
 Acq On : 16 Dec 2021 02:02
 Operator : JC/MD
 Sample : M5084-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C1

Quant Time: Dec 16 07:35:07 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)

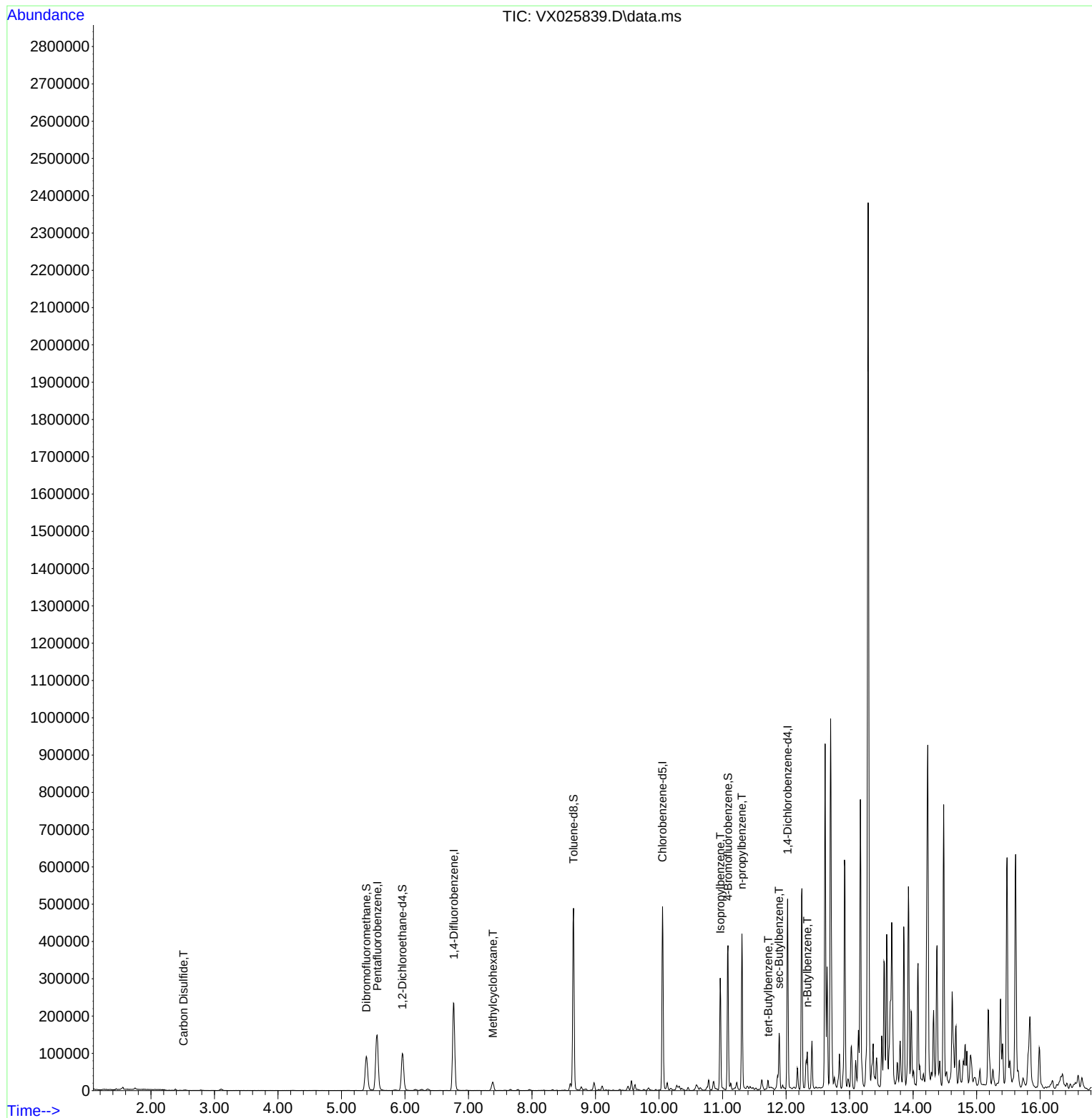
Internal Standards						
1) Pentafluorobenzene	5.562	168	142311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93855	45.837	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.680%
35) Dibromofluoromethane	5.391	113	78816	45.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.653	98	287196	45.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.440%#
62) 4-Bromofluorobenzene	11.085	95	104547	43.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.640%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	1115	0.258	ug/l	97
39) Methylcyclohexane	7.385	83	9504	3.633	ug/l	97
73) Isopropylbenzene	10.963	105	151756	20.329	ug/l	100
78) n-propylbenzene	11.305	91	245703	29.099	ug/l	99
83) tert-Butylbenzene	11.719	119	8790	1.448	ug/l	85
85) sec-Butylbenzene	11.890	105	77838	10.671	ug/l	90
89) n-Butylbenzene	12.335	91	41201	8.063	ug/l	89

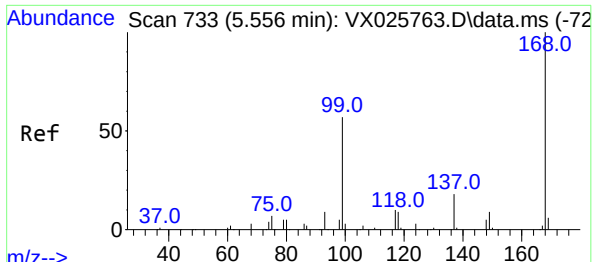
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

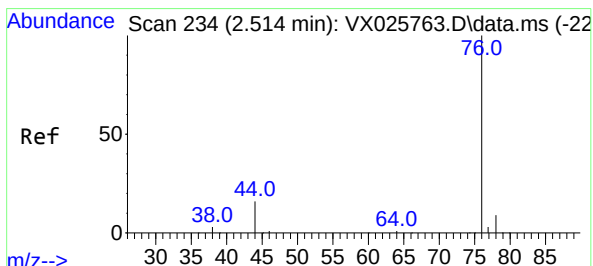
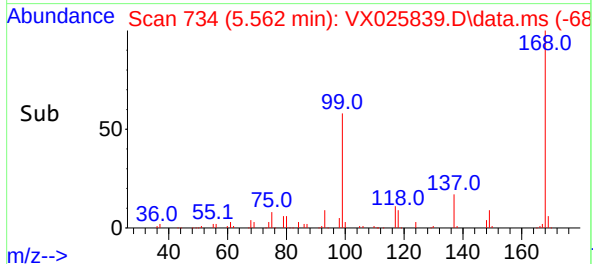
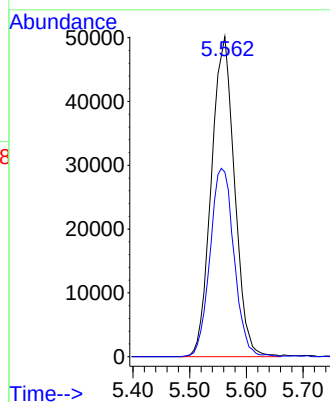
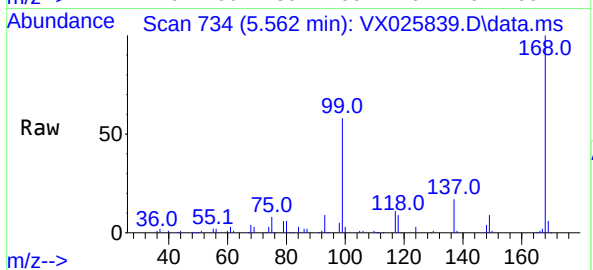




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

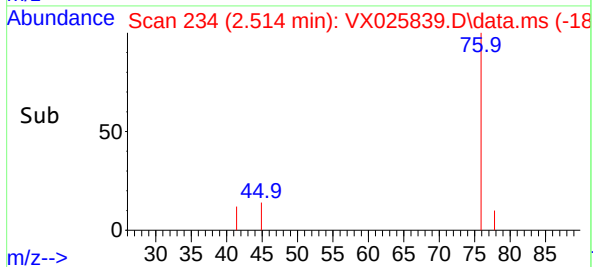
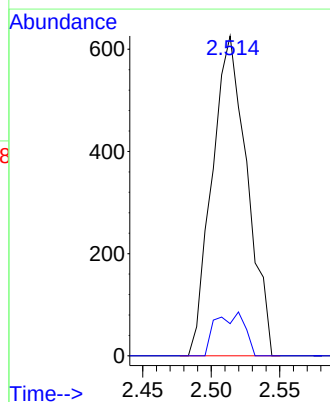
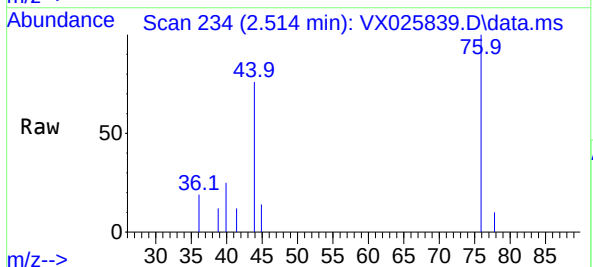
Instrument :
MSVOA_X
ClientSampleId :
C1

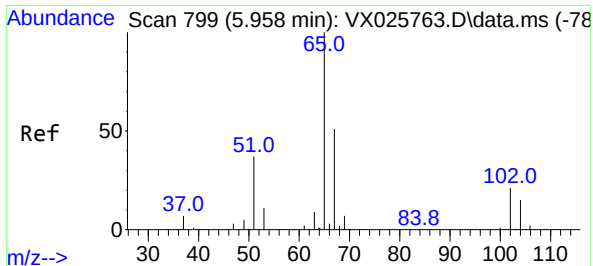
Tgt Ion:168 Resp: 142311
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.8



#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

Tgt Ion: 76 Resp: 1115
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8





#33

1,2-Dichloroethane-d4

Concen: 45.837 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025839.D

Acq: 16 Dec 2021 02:02

Instrument :

MSVOA_X

ClientSampleId :

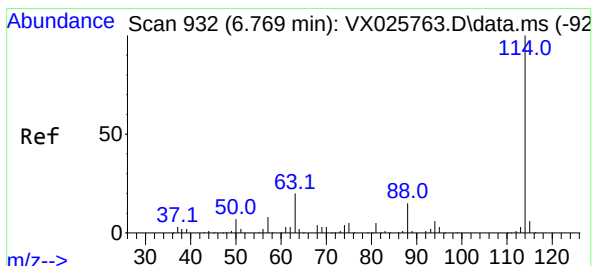
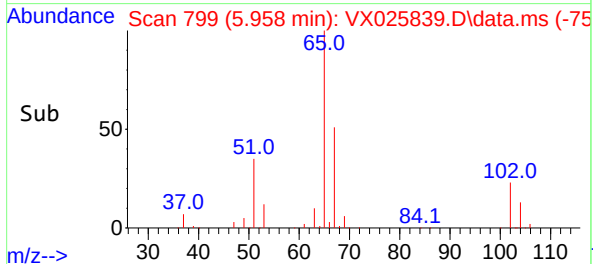
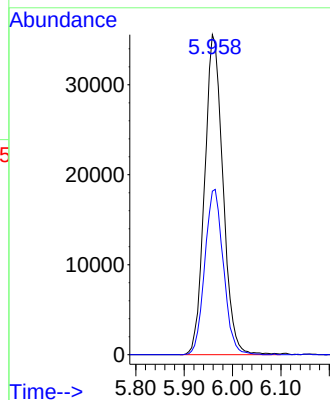
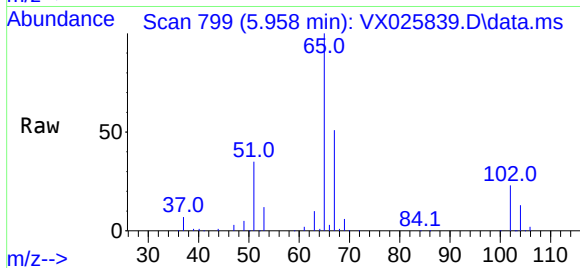
C1

Tgt Ion: 65 Resp: 93855

Ion Ratio Lower Upper

65 100

67 52.3 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: VX025839.D

Acq: 16 Dec 2021 02:02

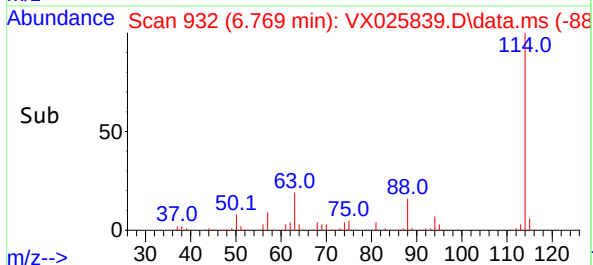
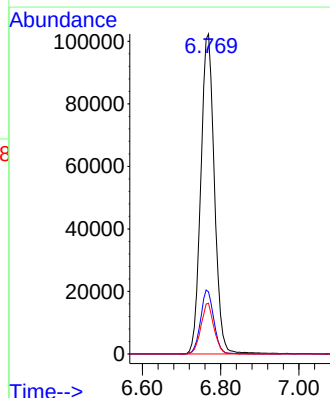
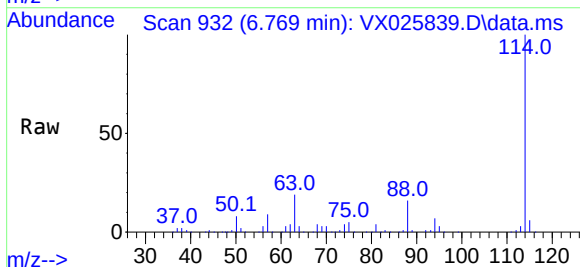
Tgt Ion: 114 Resp: 247181

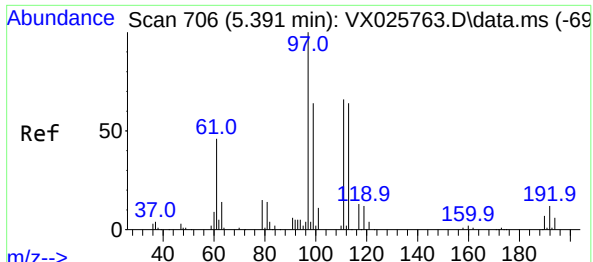
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.9 0.0 30.6

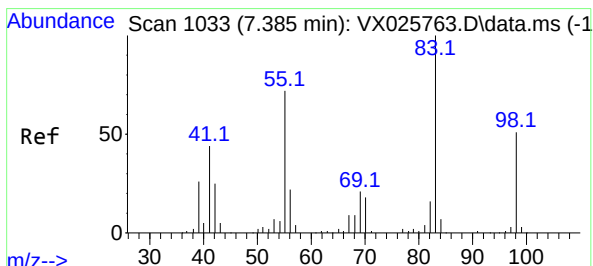
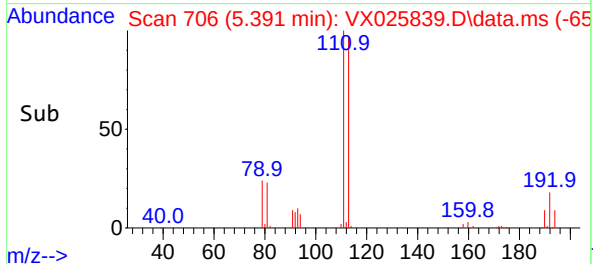
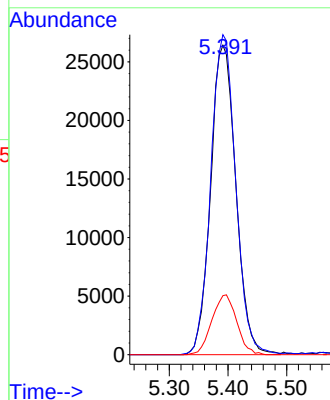
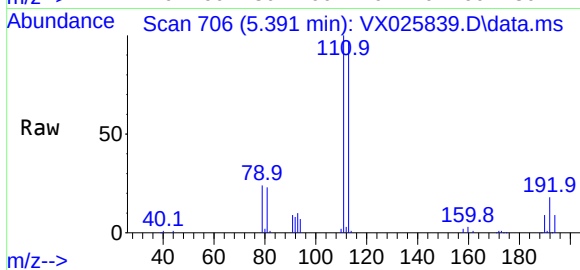




#35
Dibromofluoromethane
Concen: 45.720 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

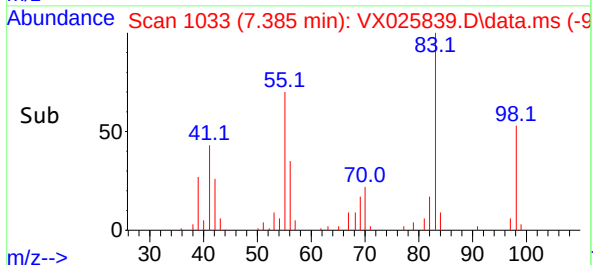
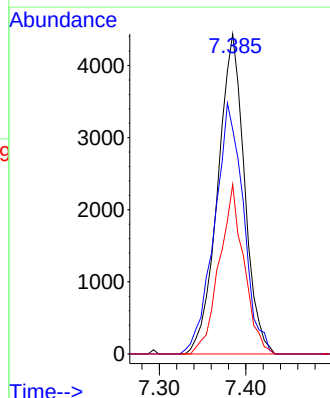
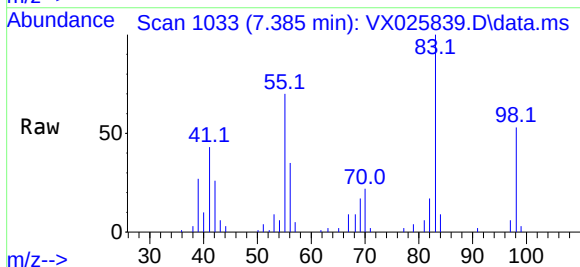
Instrument :
MSVOA_X
ClientSampleId :
C1

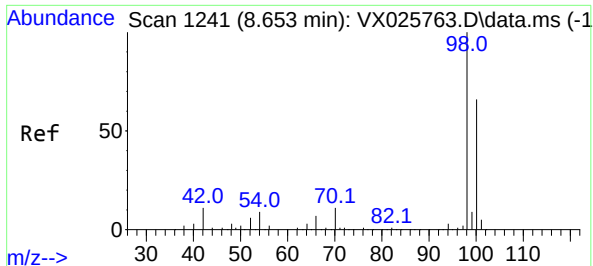
Tgt Ion:113 Resp: 78816
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 19.0 15.0 22.4



#39
Methylcyclohexane
Concen: 3.633 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

Tgt Ion: 83 Resp: 9504
Ion Ratio Lower Upper
83 100
55 70.2 57.8 86.8
98 52.9 40.5 60.7

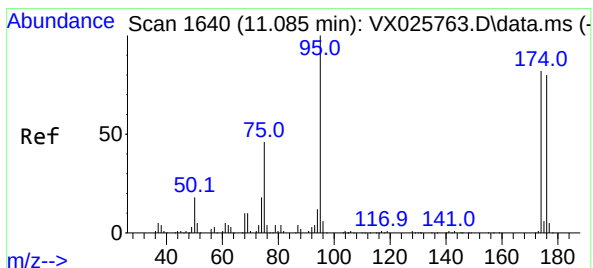
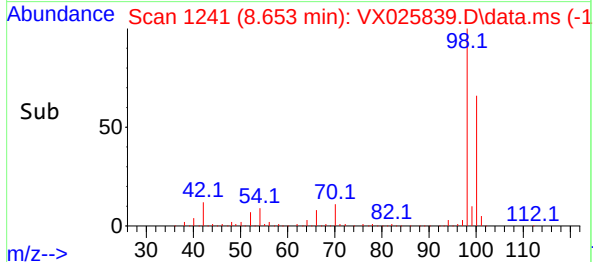
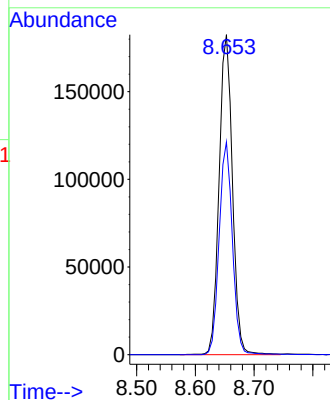
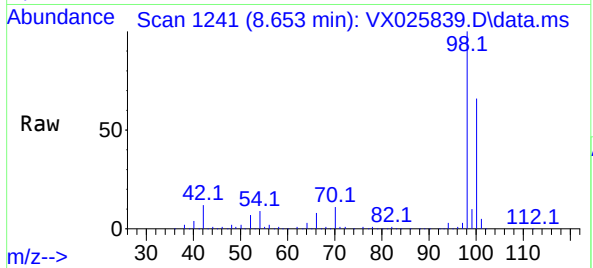




#50
Toluene-d8
Concen: 45.725 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

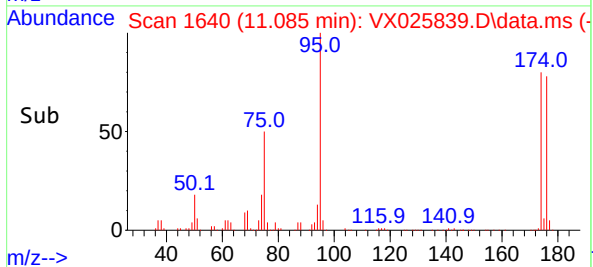
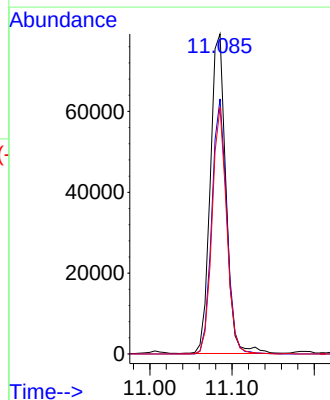
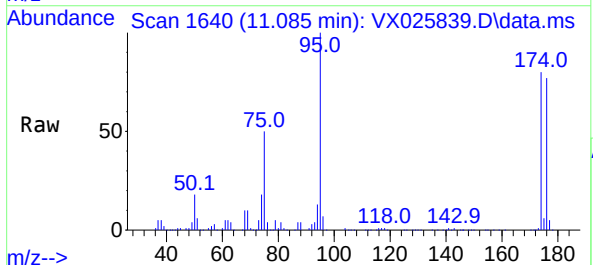
Instrument :
MSVOA_X
ClientSampleId :
C1

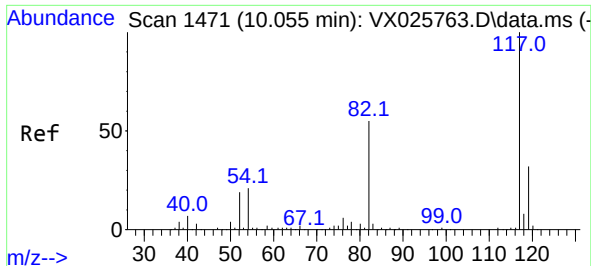
Tgt Ion: 98 Resp: 287196
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.819 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

Tgt Ion: 95 Resp: 104547
Ion Ratio Lower Upper
95 100
174 76.4 0.0 157.4
176 71.9 0.0 154.6

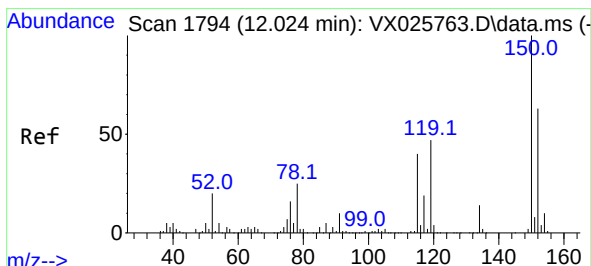
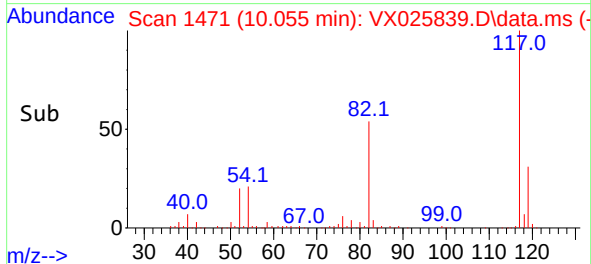
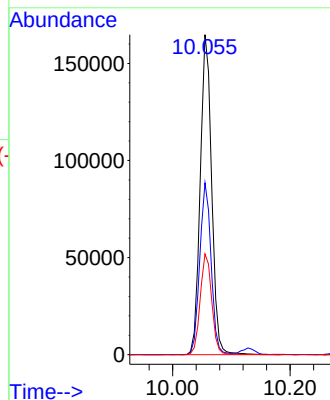
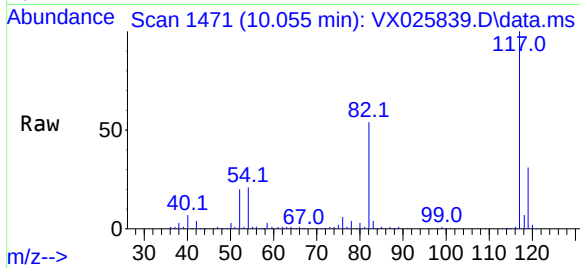




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

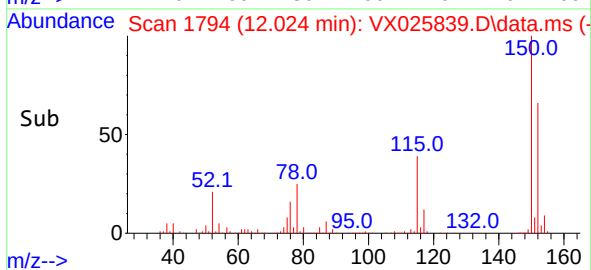
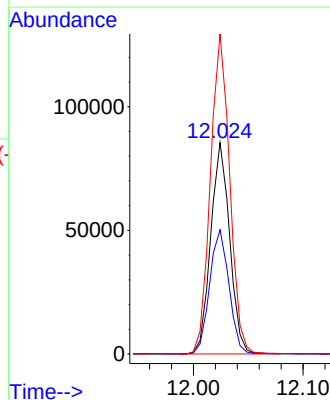
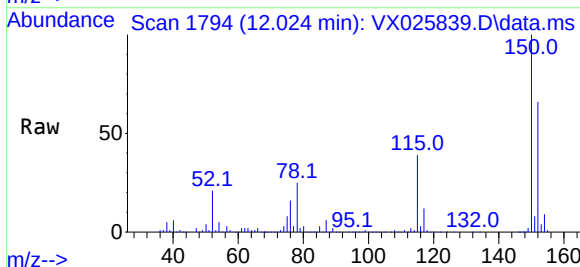
Instrument :
MSVOA_X
ClientSampleId :
C1

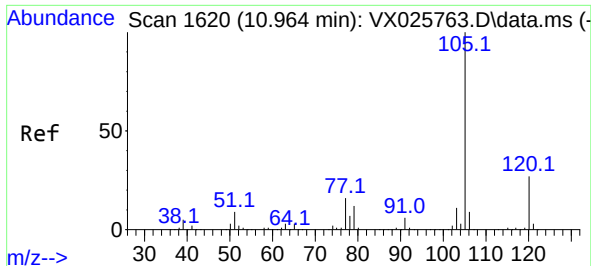
Tgt Ion:117 Resp: 222580
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.6
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

Tgt Ion:152 Resp: 102857
Ion Ratio Lower Upper
152 100
115 60.2 41.3 123.9
150 154.1 0.0 351.8

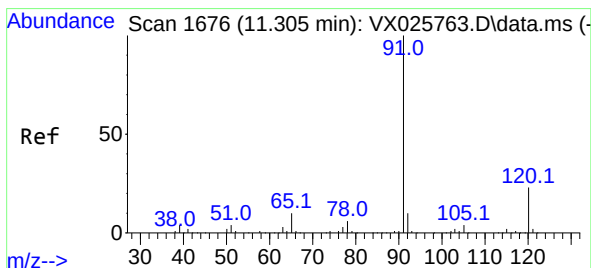
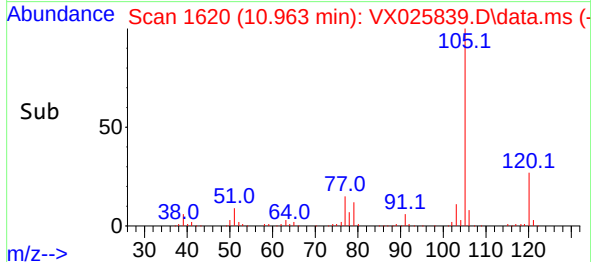
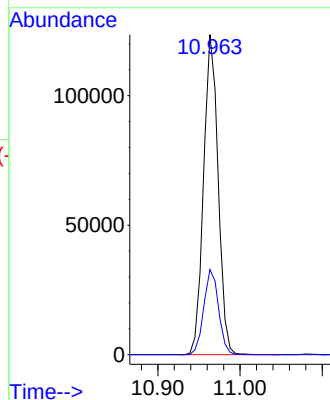
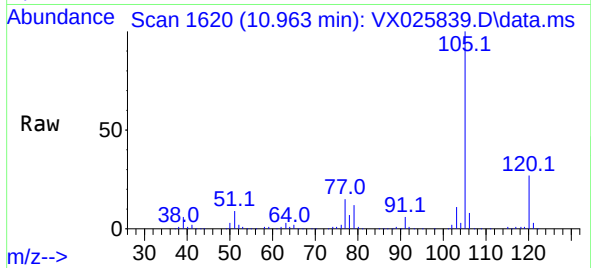




#73
Isopropylbenzene
Concen: 20.329 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

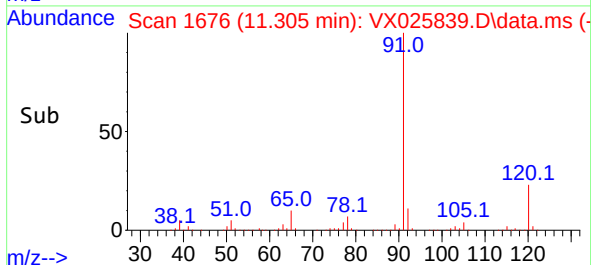
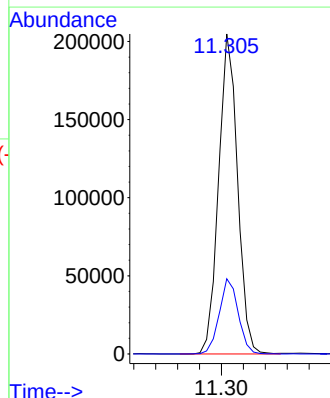
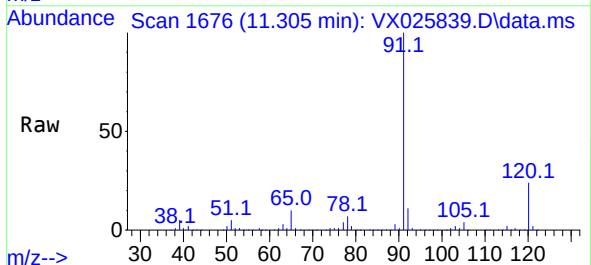
Instrument :
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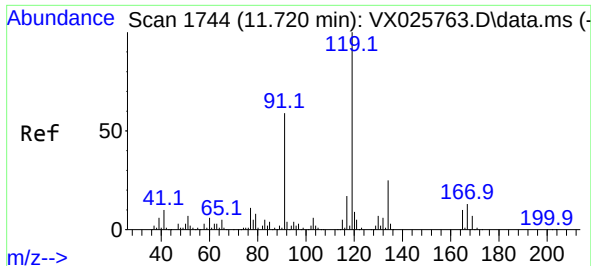
Tgt Ion:105 Resp: 151756
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#78
n-propylbenzene
Concen: 29.099 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

Tgt Ion: 91 Resp: 245703
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.1

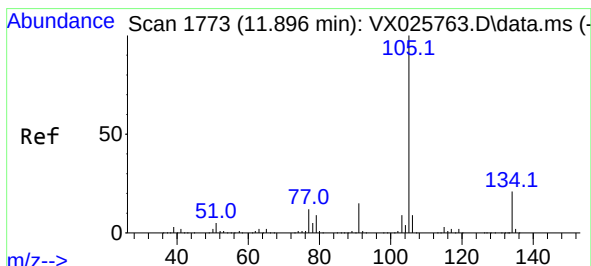
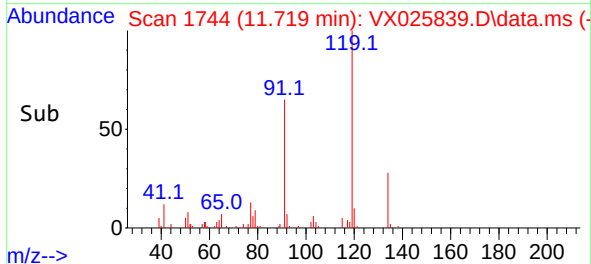
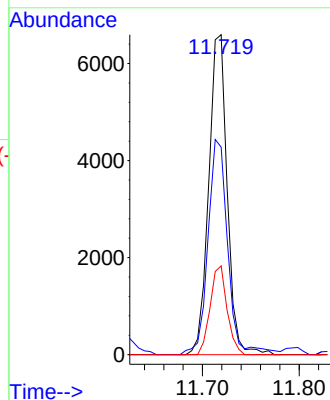
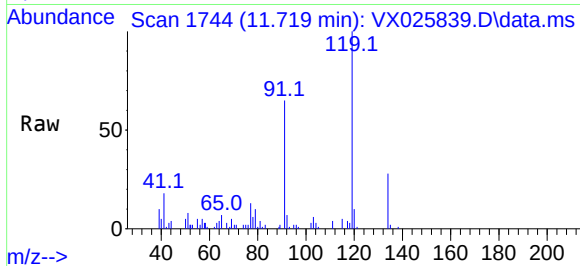




#83
tert-Butylbenzene
Concen: 1.448 ug/l
RT: 11.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

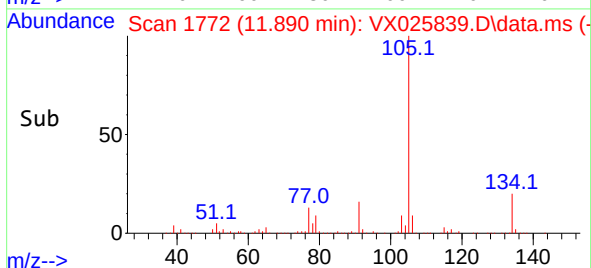
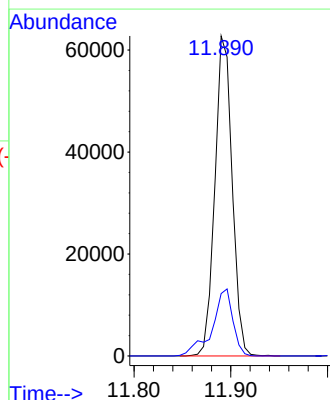
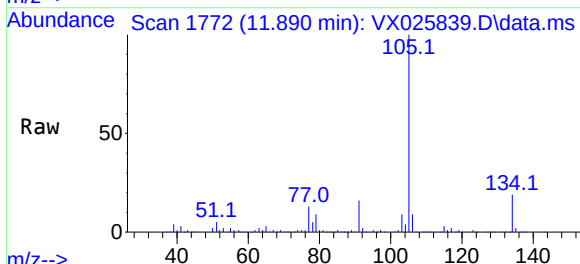
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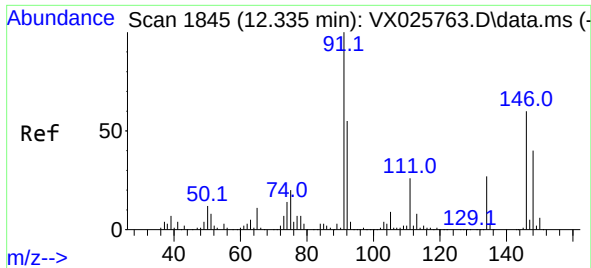
Tgt Ion:119 Resp: 8790
Ion Ratio Lower Upper
119 100
91 72.0 28.7 86.1
134 25.3 11.9 35.9



#85
sec-Butylbenzene
Concen: 10.671 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX025839.D
Acq: 16 Dec 2021 02:02

Tgt Ion:105 Resp: 77838
Ion Ratio Lower Upper
105 100
134 25.1 10.4 31.1





#89
 n-Butylbenzene
 Concen: 8.063 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025839.D
 Acq: 16 Dec 2021 02:02

Instrument :
 MSVOA_X
 ClientSampleId :
 C1

Tgt Ion: 91 Resp: 41201

Ion	Ratio	Lower	Upper
91	100		
92	49.4	27.3	81.8
134	36.7	13.5	40.4

