

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025840.D
 Acq On : 16 Dec 2021 02:25
 Operator : JC/MD
 Sample : M5084-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C2

Quant Time: Dec 16 07:35:20 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)

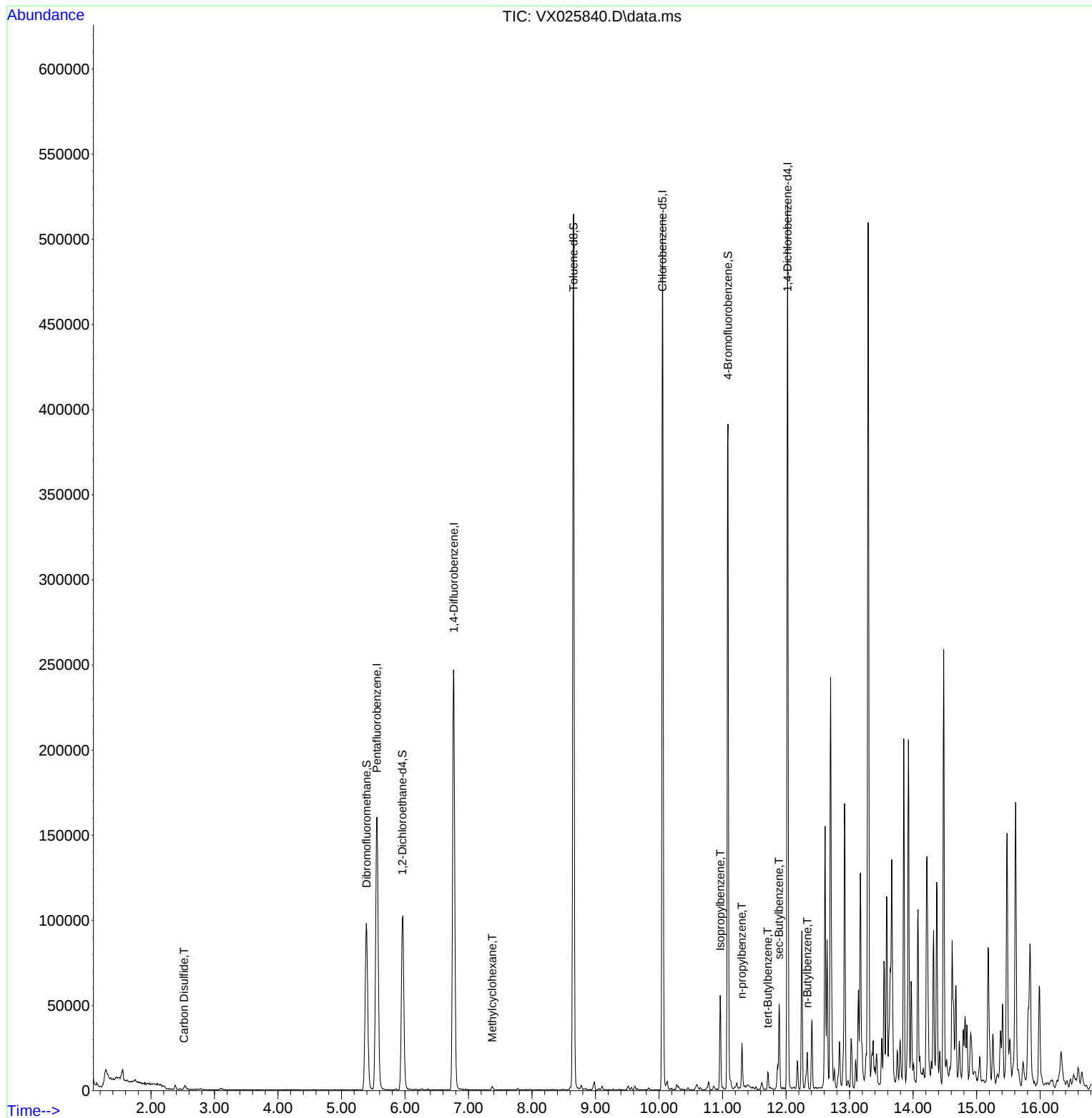
Internal Standards						
1) Pentafluorobenzene	5.556	168	153748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97507	44.078	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.160%
35) Dibromofluoromethane	5.397	113	82683	46.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.653	98	298314	45.583	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.160%#
62) 4-Bromofluorobenzene	11.085	95	105767	42.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.100%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.520	76	1383	0.297	ug/l	96
39) Methylcyclohexane	7.373	83	608	0.223	ug/l #	79
73) Isopropylbenzene	10.963	105	27163	3.639	ug/l	100
78) n-propylbenzene	11.305	91	15482	1.834	ug/l	98
83) tert-Butylbenzene	11.713	119	4040	0.666	ug/l	92
85) sec-Butylbenzene	11.890	105	26974	3.699	ug/l	89
89) n-Butylbenzene	12.335	91	8302	1.625	ug/l	95

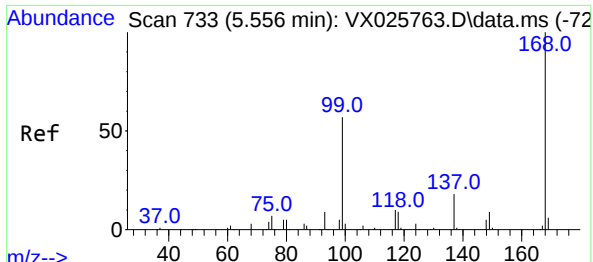
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
Data File : VX025840.D
Acq On : 16 Dec 2021 02:25
Operator : JC/MD
Sample : M5084-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C2

Quant Time: Dec 16 07:35:20 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

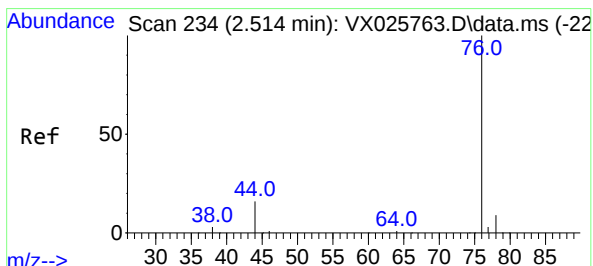
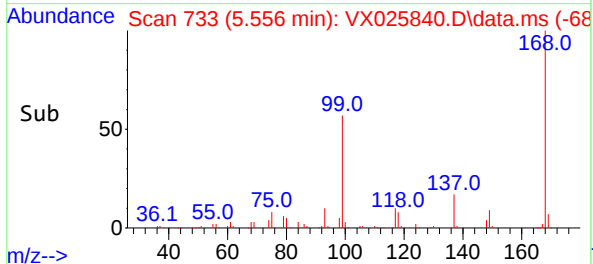
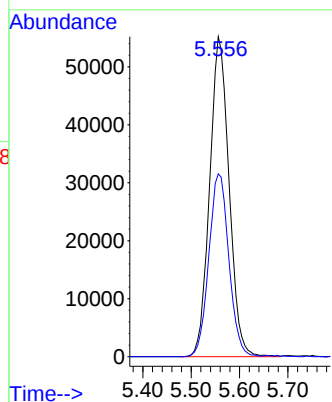
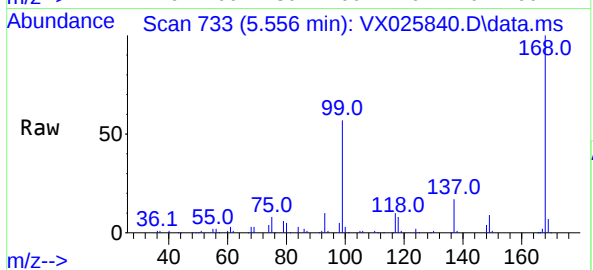




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

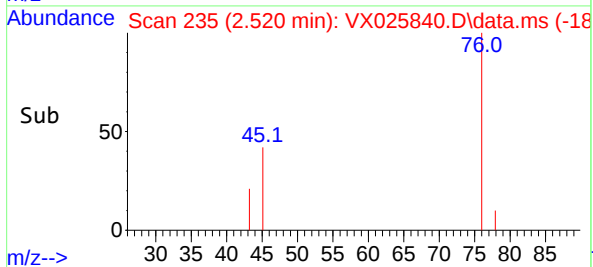
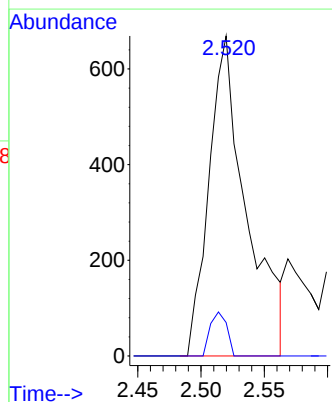
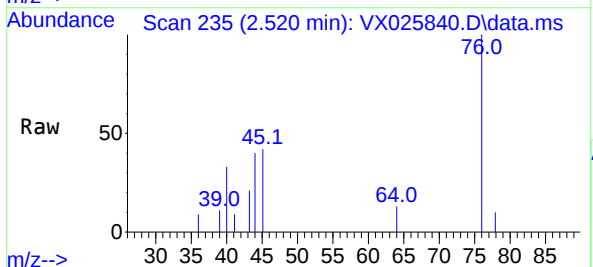
Instrument :
MSVOA_X
ClientSampleId :
C2

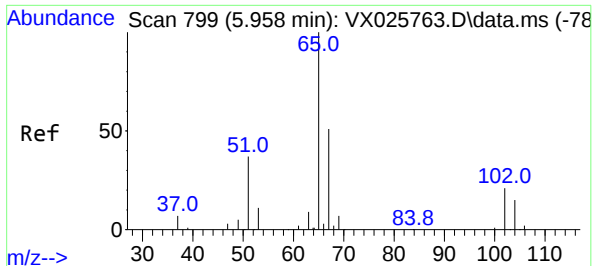
Tgt Ion:168 Resp: 153748
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.8



#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

Tgt Ion: 76 Resp: 1383
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8





#33

1,2-Dichloroethane-d4

Concen: 44.078 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025840.D

Acq: 16 Dec 2021 02:25

Instrument :

MSVOA_X

ClientSampleId :

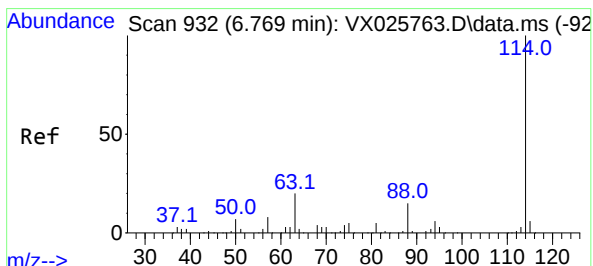
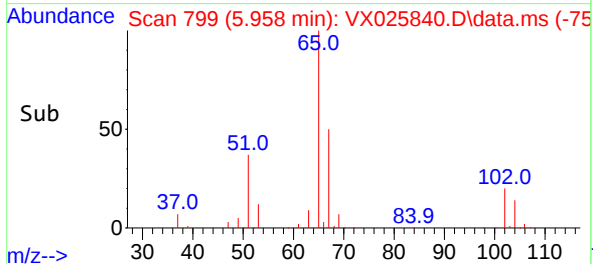
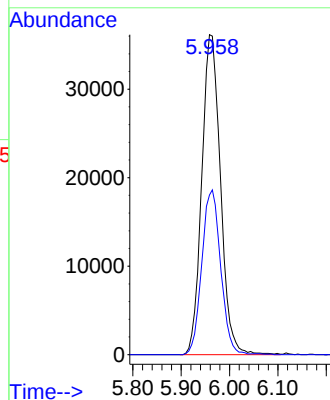
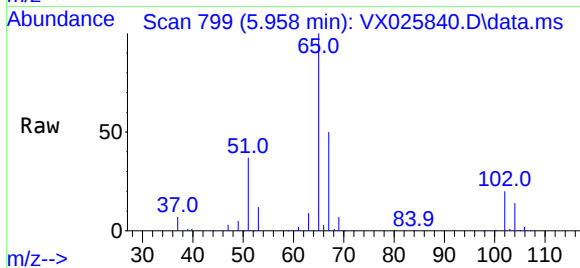
C2

Tgt Ion: 65 Resp: 97507

Ion Ratio Lower Upper

65 100

67 51.6 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: VX025840.D

Acq: 16 Dec 2021 02:25

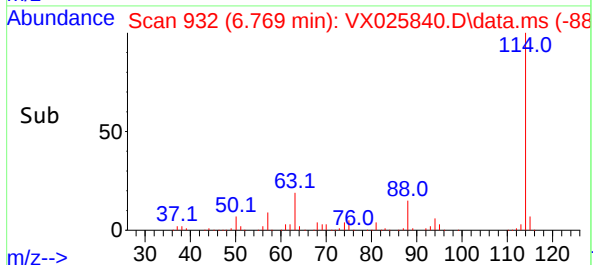
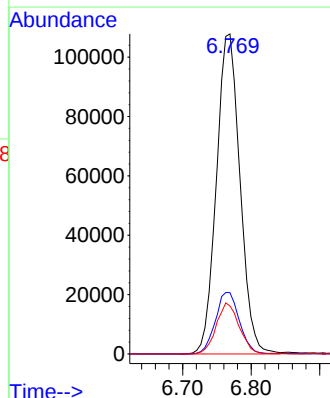
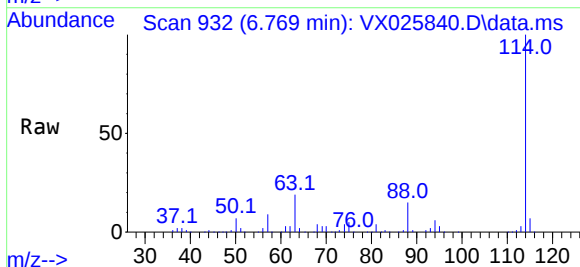
Tgt Ion: 114 Resp: 257551

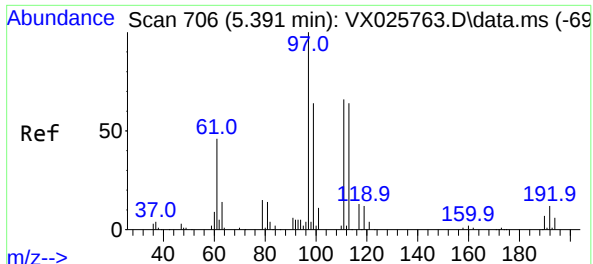
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.032 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025840.D

Acq: 16 Dec 2021 02:25

Instrument :

MSVOA_X

ClientSampleId :

C2

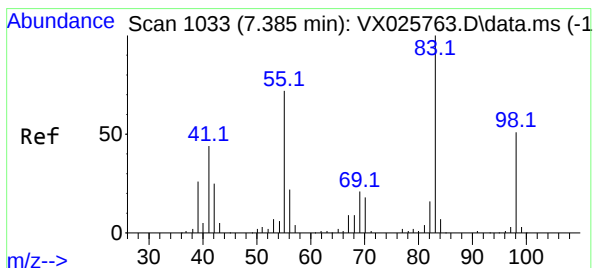
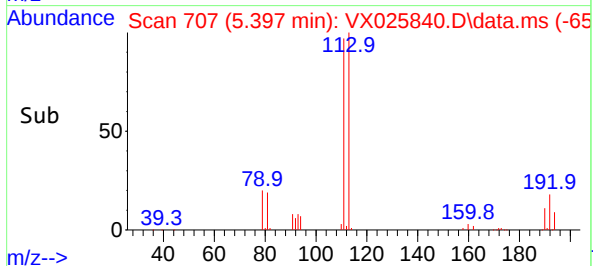
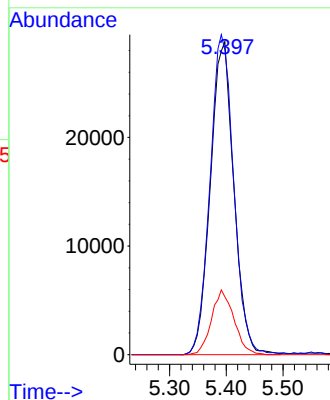
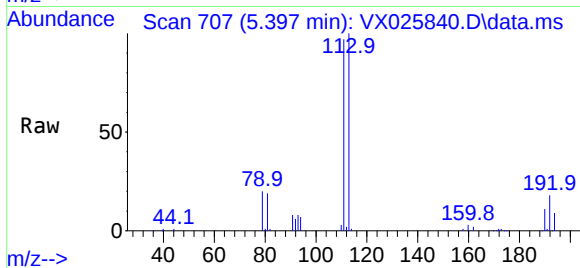
Tgt Ion:113 Resp: 82683

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 19.8 15.0 22.4



#39

Methylcyclohexane

Concen: 0.223 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX025840.D

Acq: 16 Dec 2021 02:25

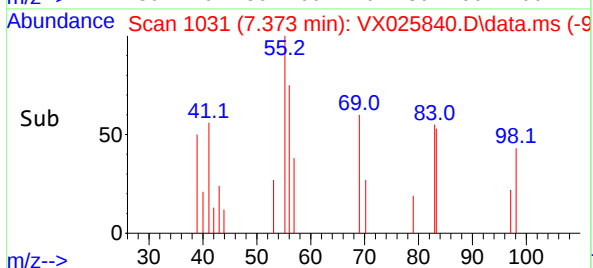
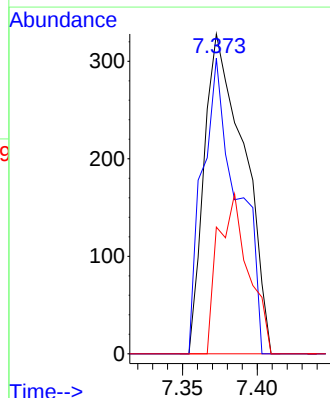
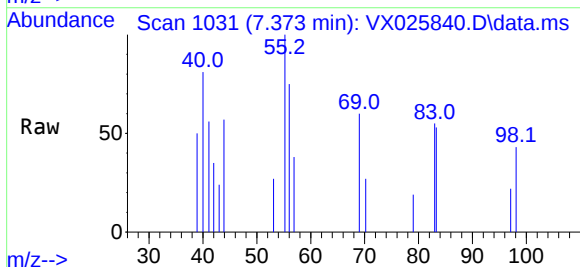
Tgt Ion: 83 Resp: 608

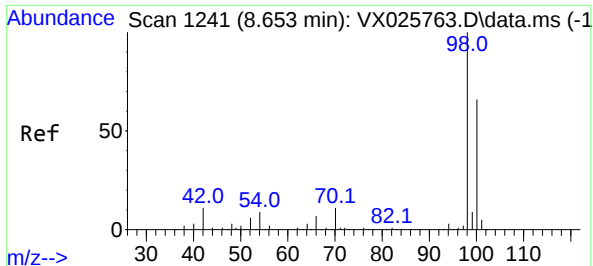
Ion Ratio Lower Upper

83 100

55 92.4 57.8 86.8#

98 39.6 40.5 60.7#

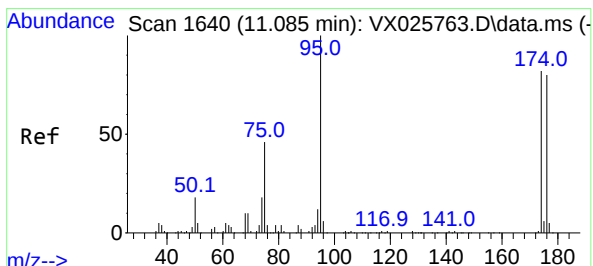
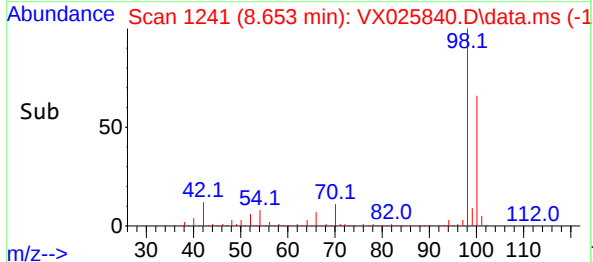
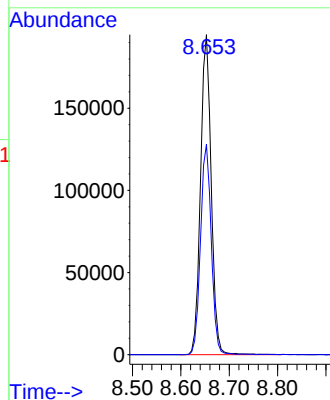
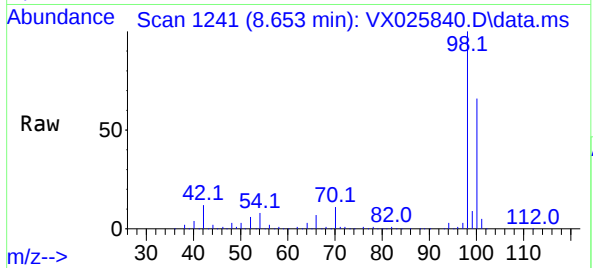




#50
Toluene-d8
Concen: 45.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

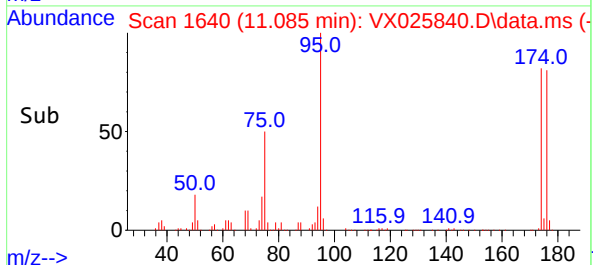
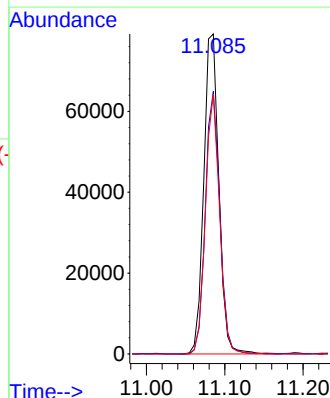
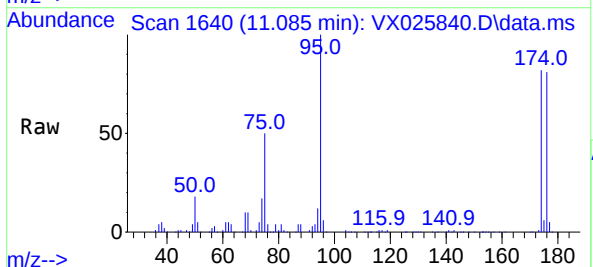
Instrument :
MSVOA_X
ClientSampleId :
C2

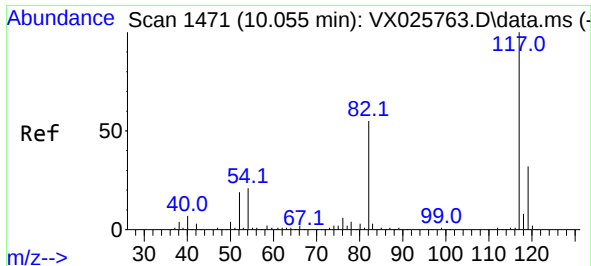
Tgt Ion: 98 Resp: 298314
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.545 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

Tgt Ion: 95 Resp: 105767
Ion Ratio Lower Upper
95 100
174 78.9 0.0 157.4
176 76.2 0.0 154.6

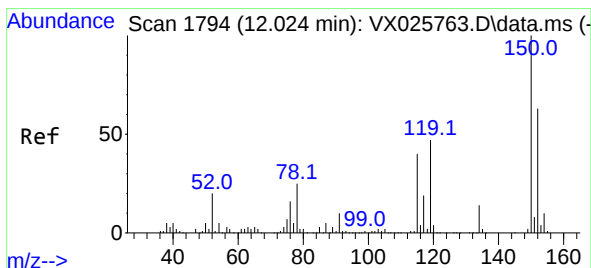
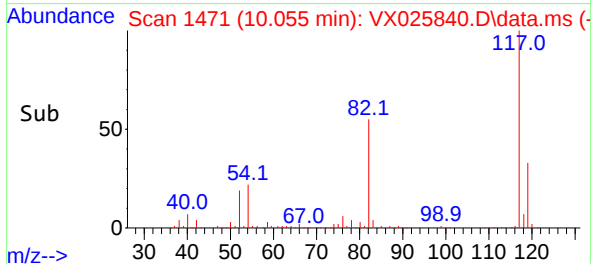
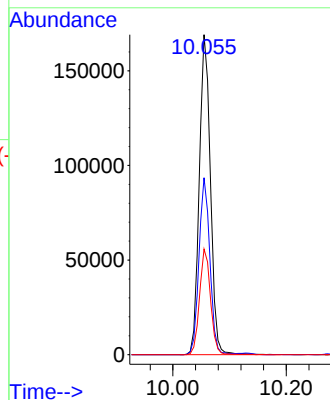
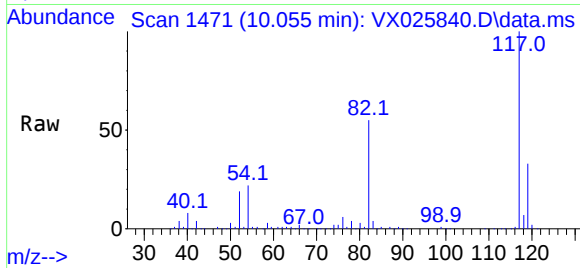




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

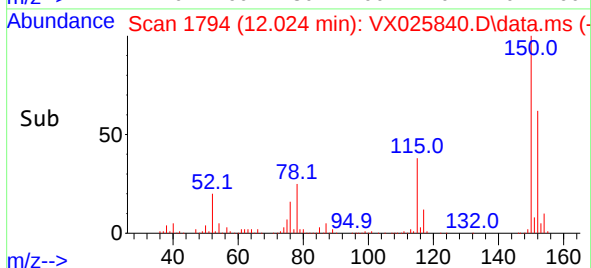
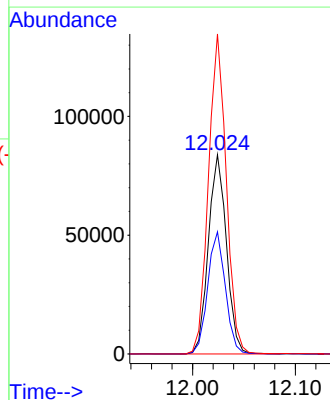
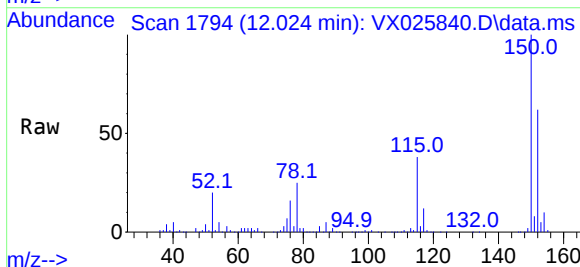
Instrument :
MSVOA_X
ClientSampleId :
C2

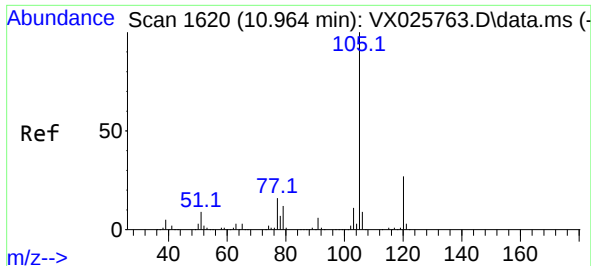
Tgt Ion:117 Resp: 230438
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.6
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

Tgt Ion:152 Resp: 102841
Ion Ratio Lower Upper
152 100
115 60.0 41.3 123.9
150 158.2 0.0 351.8

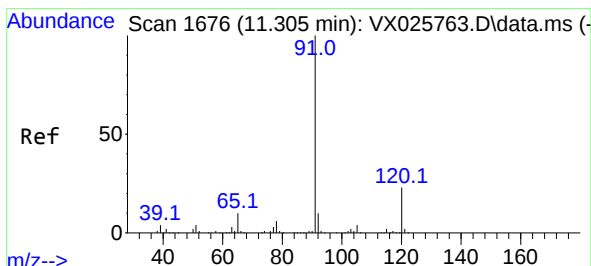
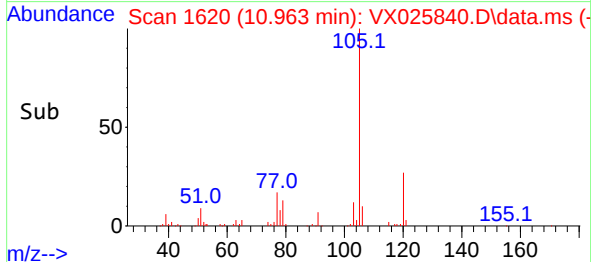
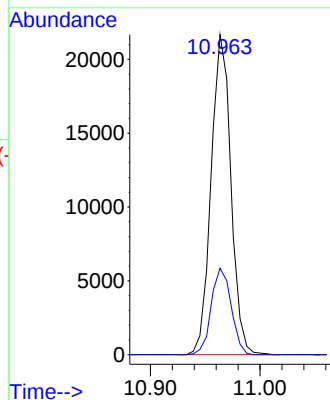
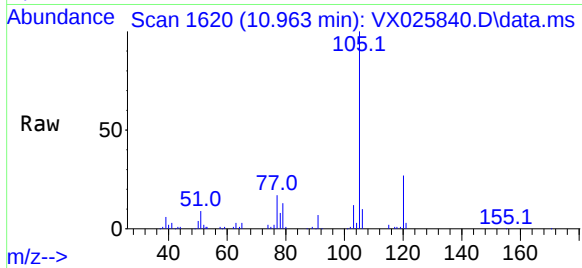




#73
Isopropylbenzene
Concen: 3.639 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

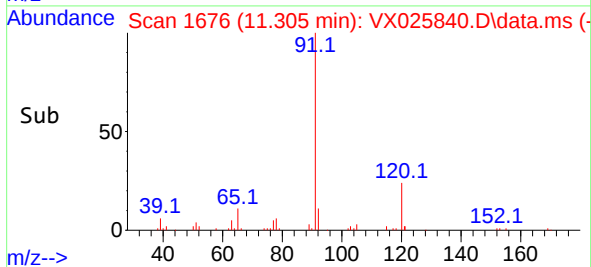
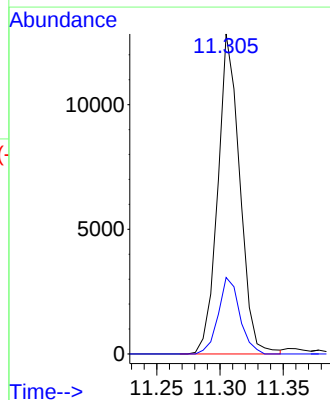
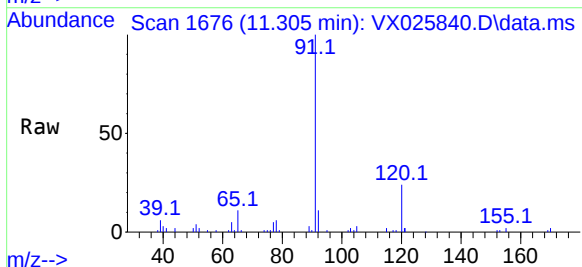
Instrument :
MSVOA_X
ClientSampleId :
C2

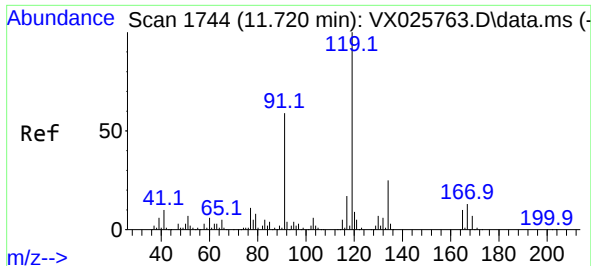
Tgt Ion:105 Resp: 27163
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.7



#78
n-propylbenzene
Concen: 1.834 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

Tgt Ion: 91 Resp: 15482
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.1

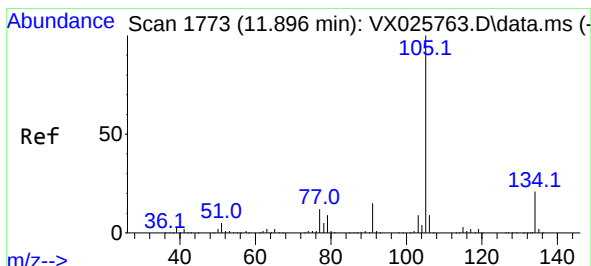
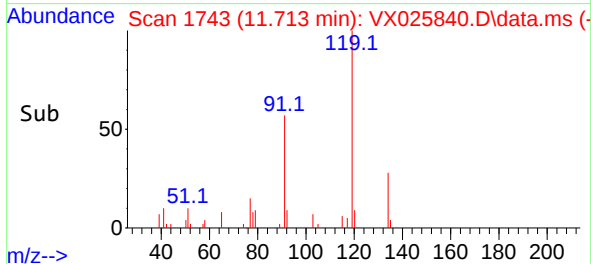
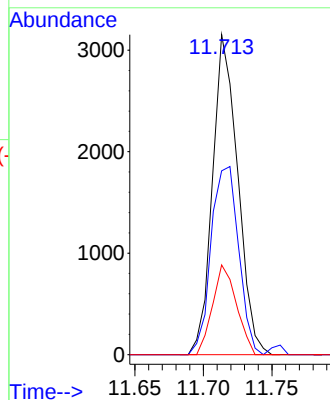
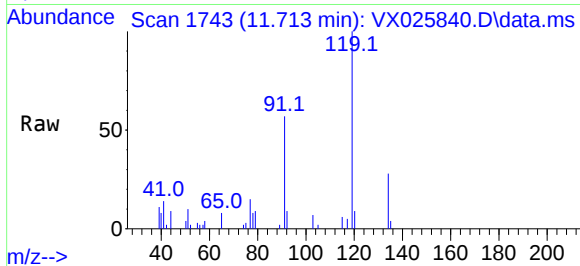




#83
tert-Butylbenzene
Concen: 0.666 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

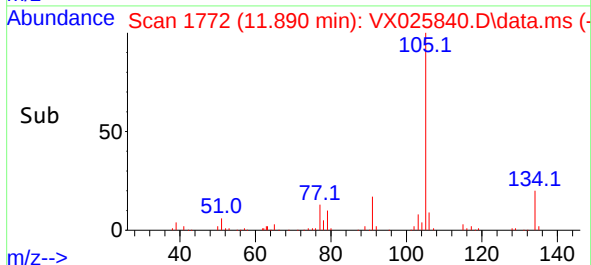
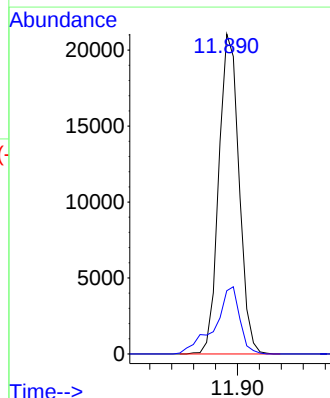
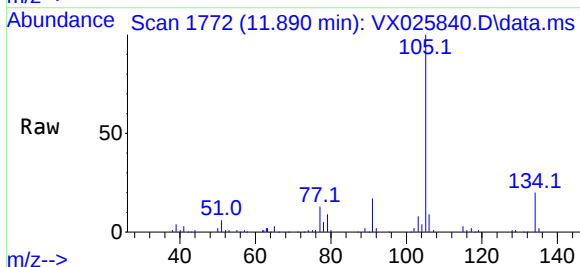
Instrument :
MSVOA_X
ClientSampleId :
C2

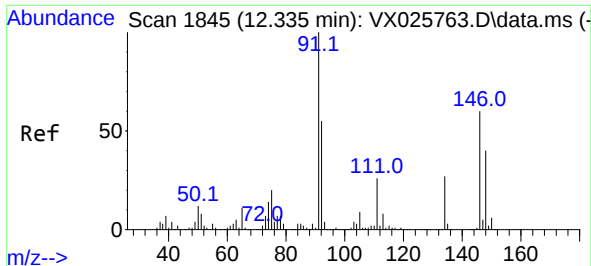
Tgt Ion:	119	Resp:	4040
Ion	Ratio	Lower	Upper
119	100		
91	64.1	28.7	86.1
134	26.5	11.9	35.9



#85
sec-Butylbenzene
Concen: 3.699 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX025840.D
Acq: 16 Dec 2021 02:25

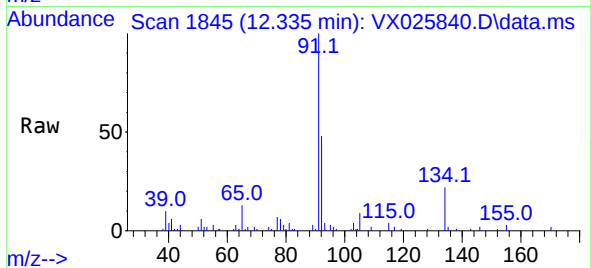
Tgt Ion:	105	Resp:	26974
Ion	Ratio	Lower	Upper
105	100		
134	25.9	10.4	31.1





#89
 n-Butylbenzene
 Concen: 1.625 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025840.D
 Acq: 16 Dec 2021 02:25

Instrument :
 MSVOA_X
 ClientSampleId :
 C2



Tgt Ion: 91 Resp: 8302

Ion	Ratio	Lower	Upper
91	100		
92	49.2	27.3	81.8
134	26.1	13.5	40.4

