

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026378.D
 Acq On : 06 Jan 2022 17:03
 Operator : JC/MD
 Sample : N1019-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-9

Quant Time: Jan 07 04:16:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

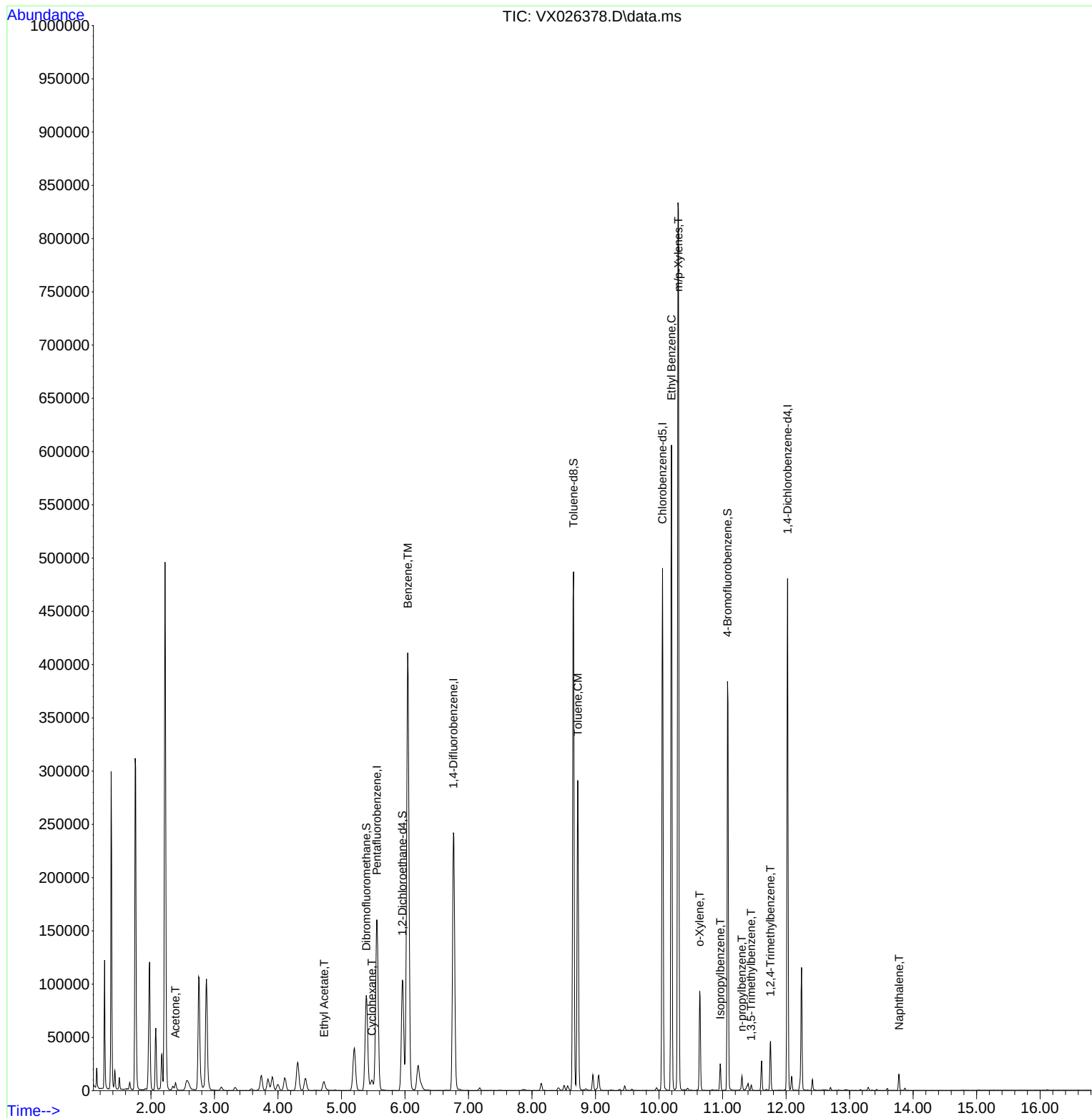
Internal Standards						
1) Pentafluorobenzene	5.556	168	145142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104626	49.827	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.391	113	78531	49.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	8.653	98	281375	47.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.320%
62) 4-Bromofluorobenzene	11.079	95	105642	50.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	7498	6.591	ug/l	95
31) Cyclohexane	5.477	56	6698	2.240	ug/l	97
37) Ethyl Acetate	4.727	43	15205	5.123	ug/l	98
40) Benzene	6.044	78	479430	65.622	ug/l	99
52) Toluene	8.720	92	107476	23.896	ug/l	100
67) Ethyl Benzene	10.195	91	332978	40.050	ug/l	97
68) m/p-Xylenes	10.305	106	195235	62.891	ug/l	92
69) o-Xylene	10.640	106	19110	6.292	ug/l	89
73) Isopropylbenzene	10.963	105	12605	1.721	ug/l	97
78) n-propylbenzene	11.305	91	7120	0.845	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2212	0.364	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	20233	3.331	ug/l	100
95) Naphthalene	13.780	128	9678	1.329	ug/l	98

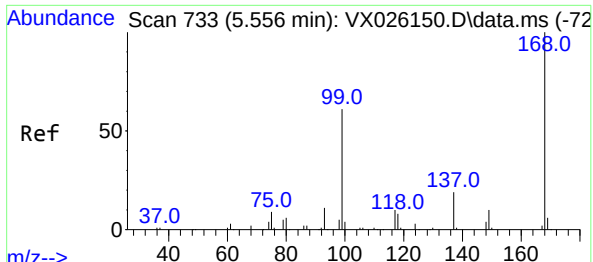
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 04:16:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

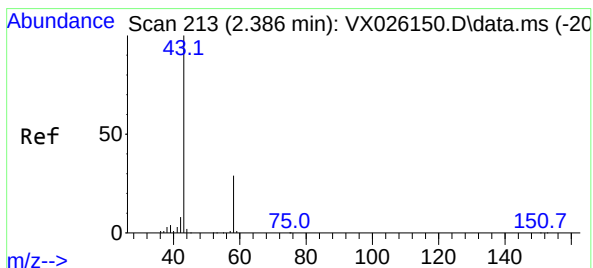
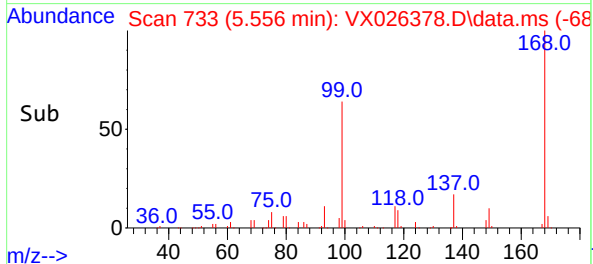
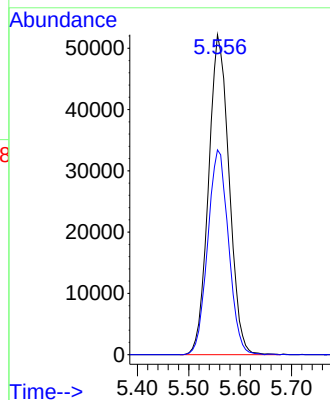
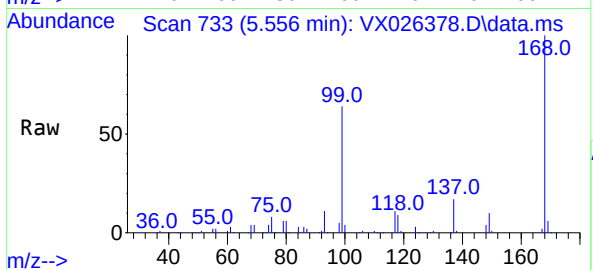




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

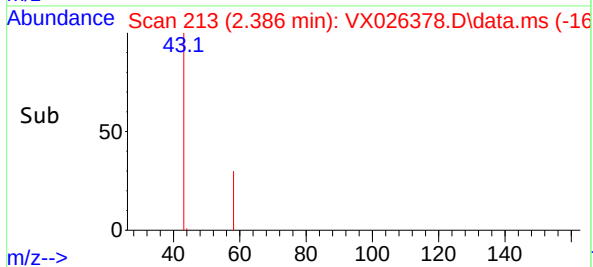
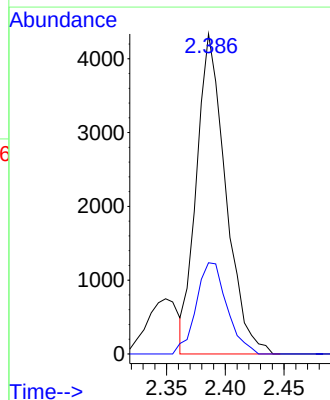
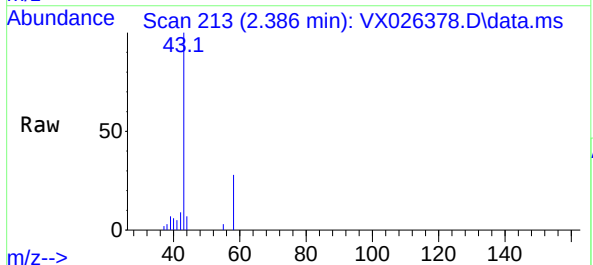
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

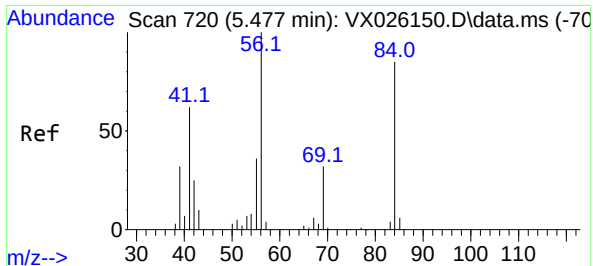
Tgt Ion:168 Resp: 145142
Ion Ratio Lower Upper
168 100
99 64.0 45.8 68.8



#16
Acetone
Concen: 6.591 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Tgt Ion: 43 Resp: 7498
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2

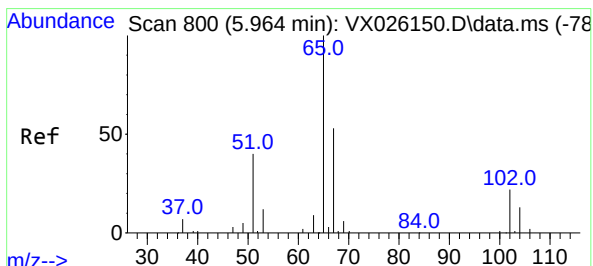
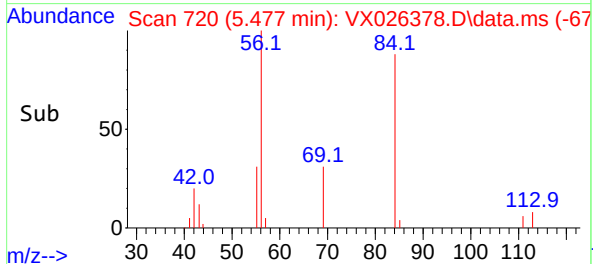
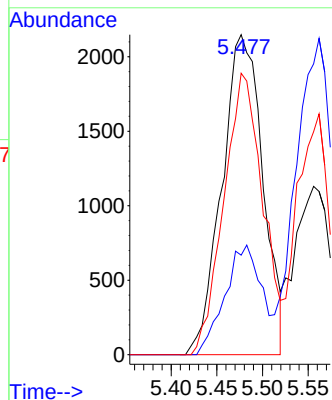
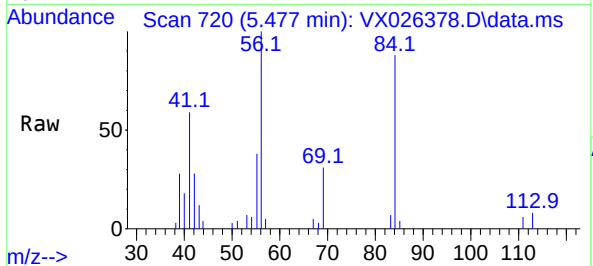




#31
Cyclohexane
Concen: 2.240 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

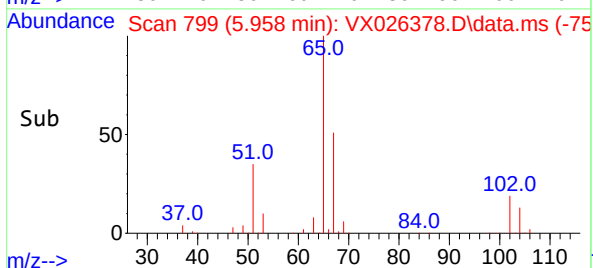
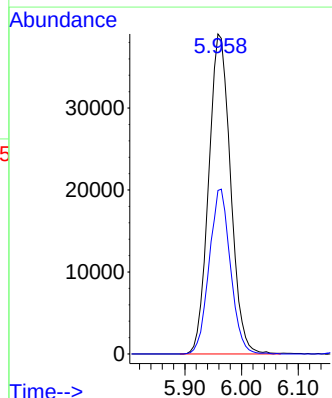
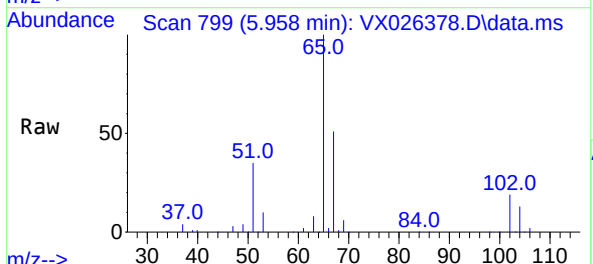
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

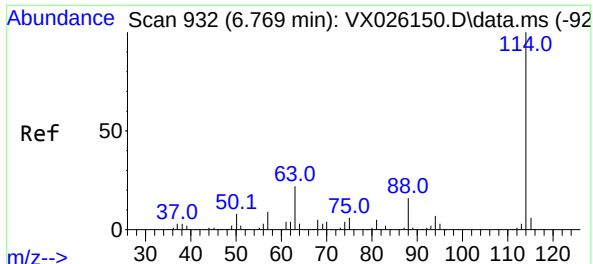
Tgt Ion:	56	Resp:	6698
Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.9	35.9
84	87.9	73.2	109.8



#33
1,2-Dichloroethane-d4
Concen: 49.827 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Tgt Ion:	65	Resp:	104626
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026378.D

Acq: 06 Jan 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

PZ-9

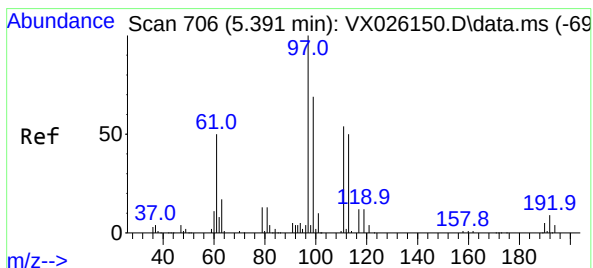
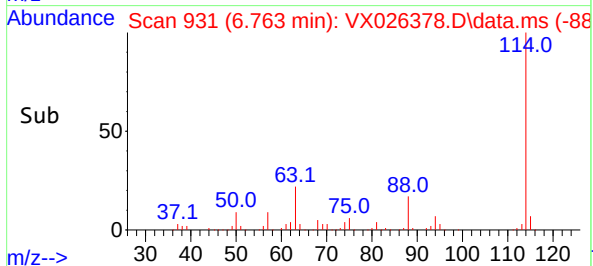
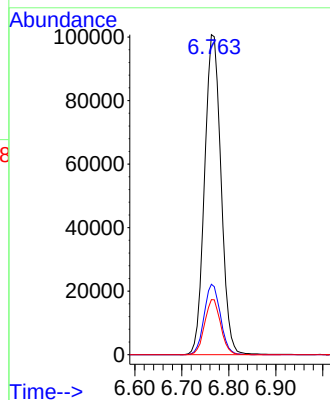
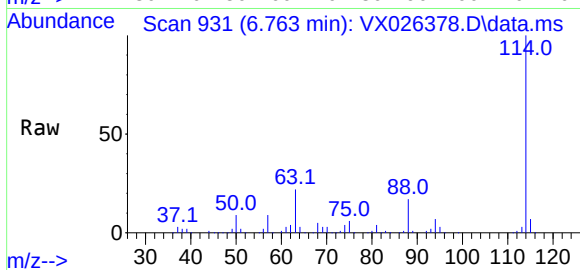
Tgt Ion:114 Resp: 244124

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.480 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026378.D

Acq: 06 Jan 2022 17:03

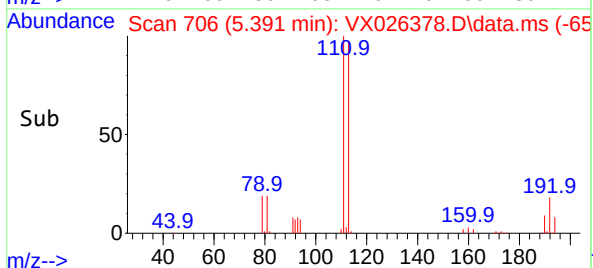
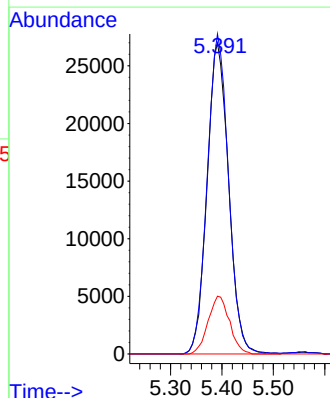
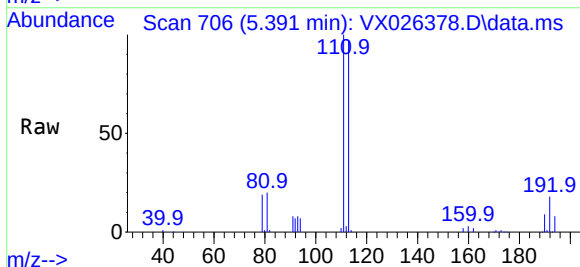
Tgt Ion:113 Resp: 78531

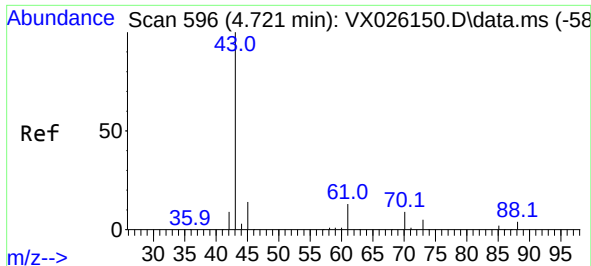
Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

192 18.4 15.0 22.4





#37

Ethyl Acetate

Concen: 5.123 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX026378.D

Acq: 06 Jan 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

PZ-9

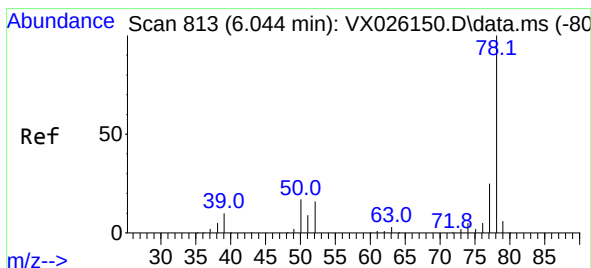
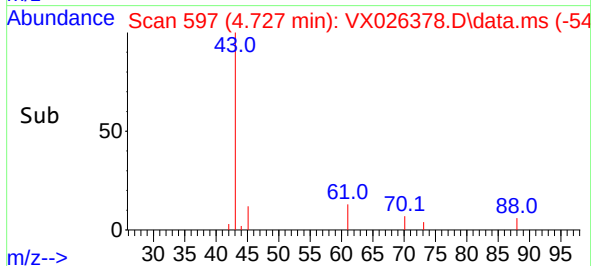
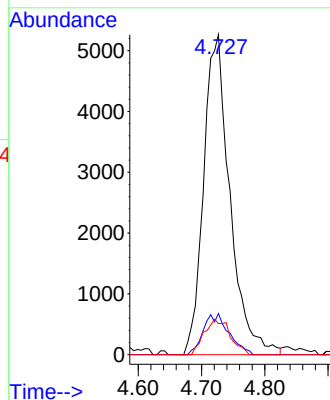
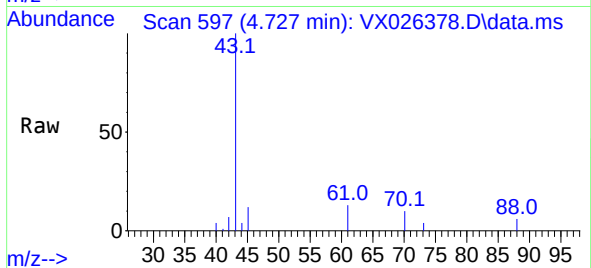
Tgt Ion: 43 Resp: 15205

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

70 10.9 8.5 12.7



#40

Benzene

Concen: 65.622 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026378.D

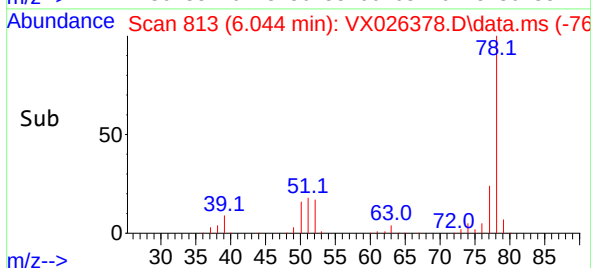
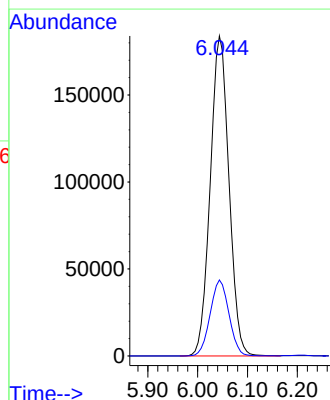
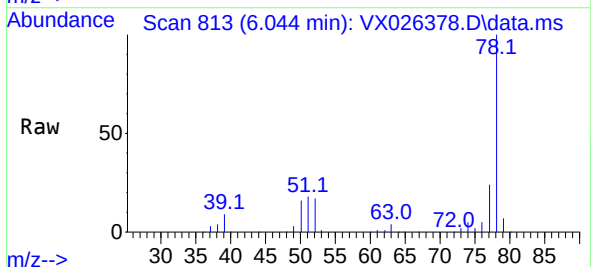
Acq: 06 Jan 2022 17:03

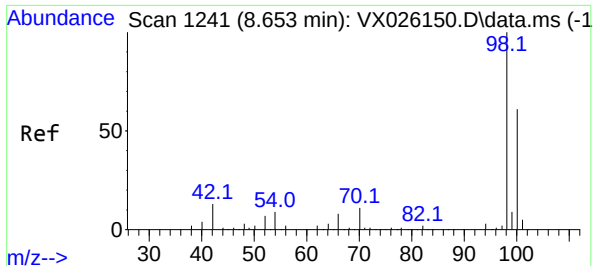
Tgt Ion: 78 Resp: 479430

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

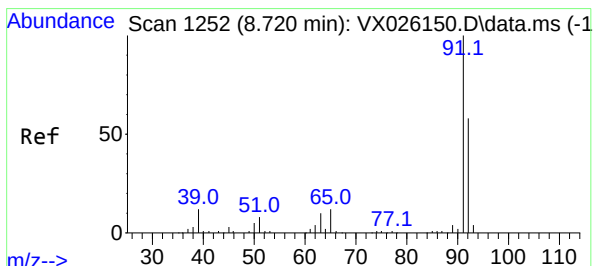
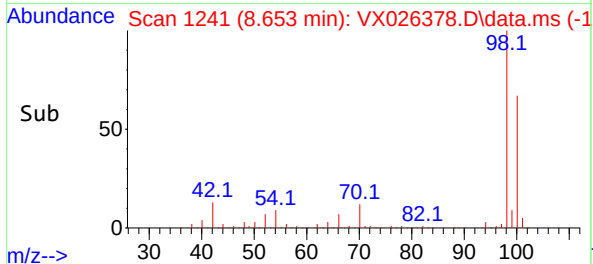
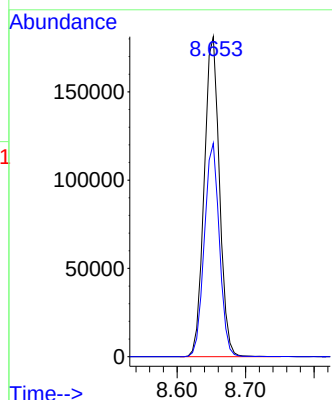
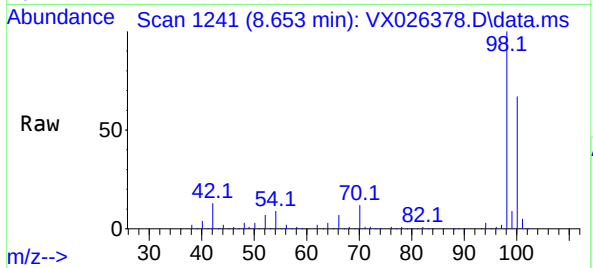




#50
Toluene-d8
Concen: 47.662 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

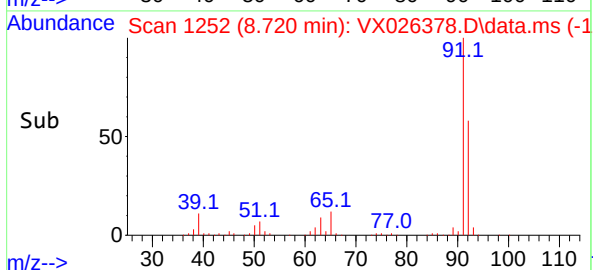
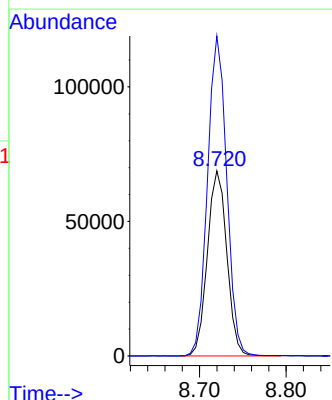
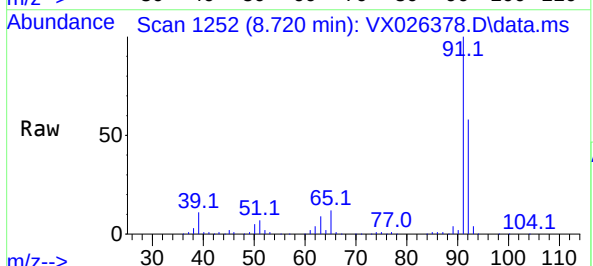
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

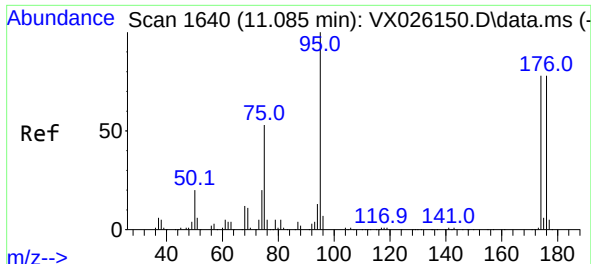
Tgt Ion: 98 Resp: 281375
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 23.896 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Tgt Ion: 92 Resp: 107476
Ion Ratio Lower Upper
92 100
91 170.6 136.0 204.0

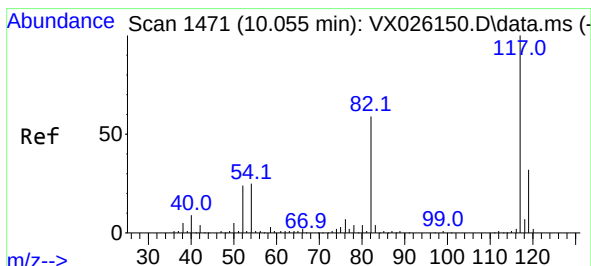
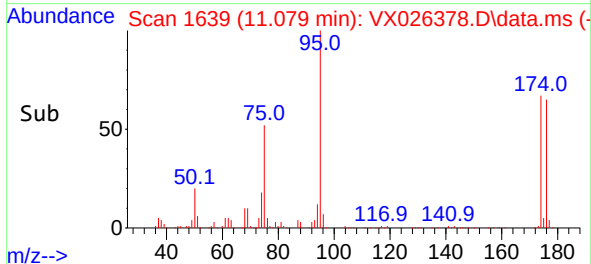
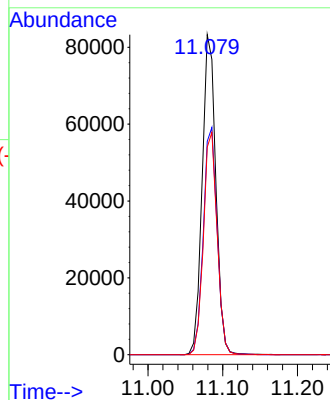
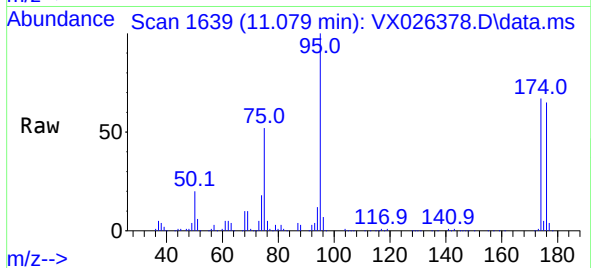




#62
4-Bromofluorobenzene
Concen: 50.268 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

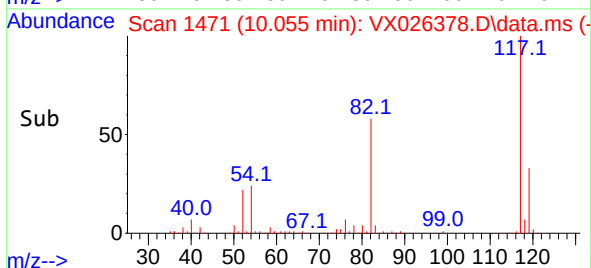
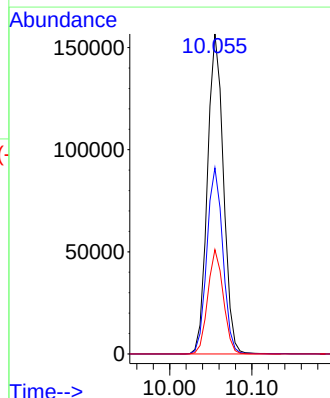
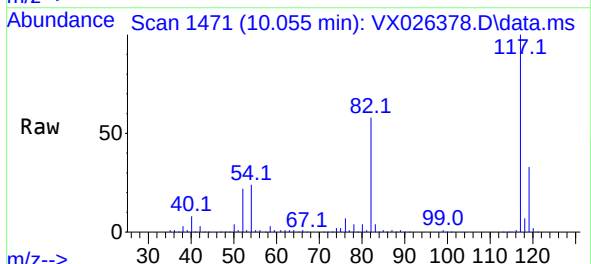
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

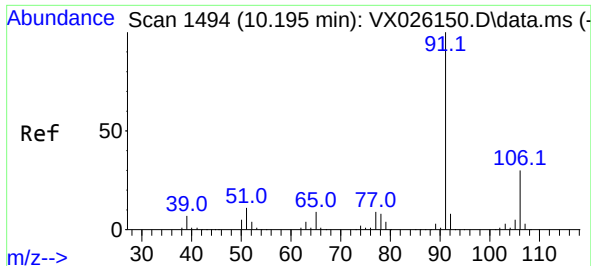
Tgt Ion: 95 Resp: 105642
Ion Ratio Lower Upper
95 100
174 71.6 0.0 157.4
176 69.6 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Tgt Ion: 117 Resp: 211665
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.6
119 32.6 25.2 37.8

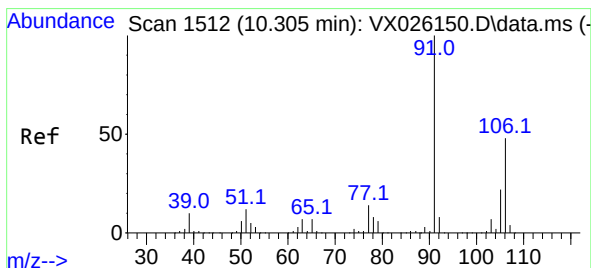
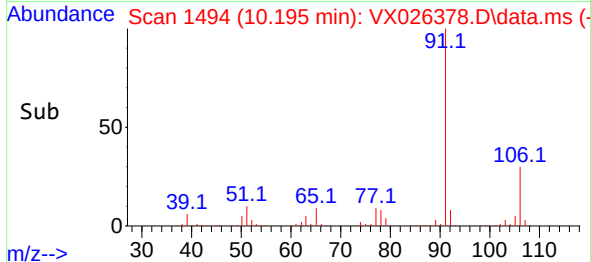
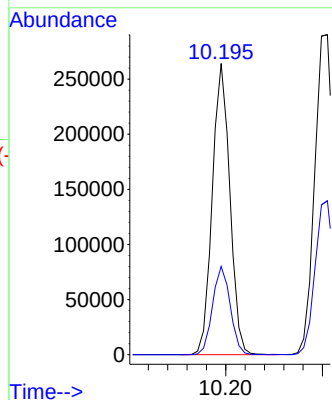
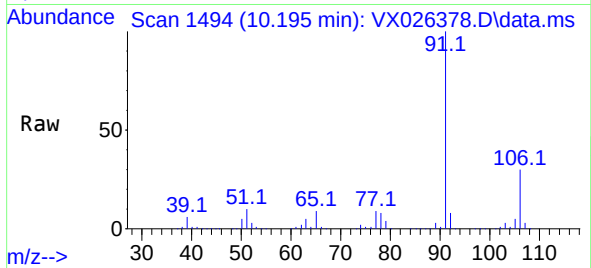




#67
Ethyl Benzene
Concen: 40.050 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

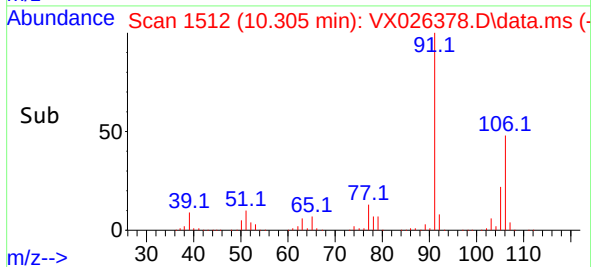
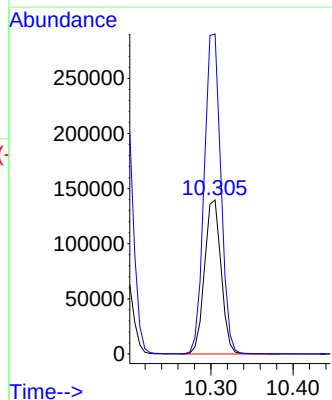
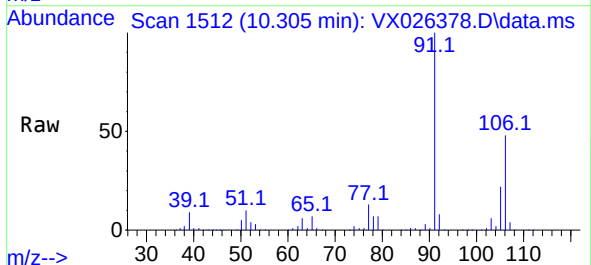
Instrument :
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ClientSampleId :
PZ-9

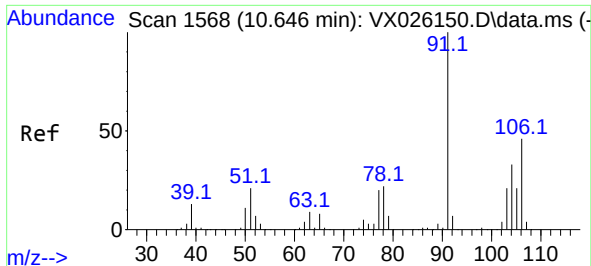
Tgt Ion: 91 Resp: 332978
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 62.891 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Tgt Ion:106 Resp: 195235
Ion Ratio Lower Upper
106 100
91 209.7 158.6 238.0

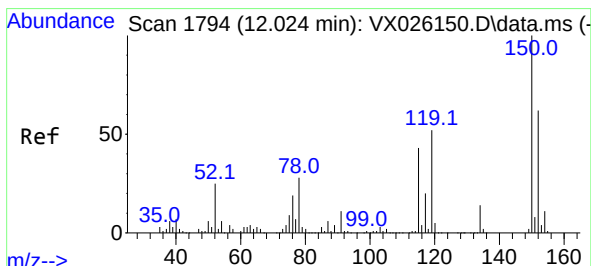
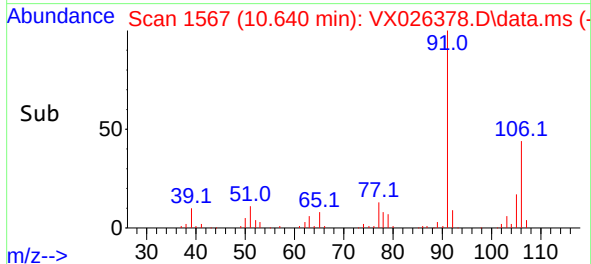
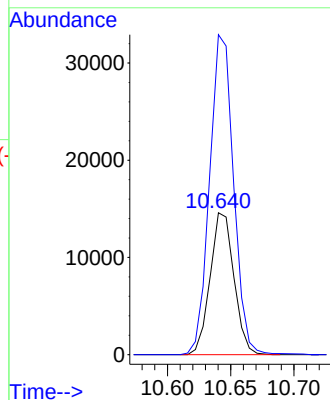
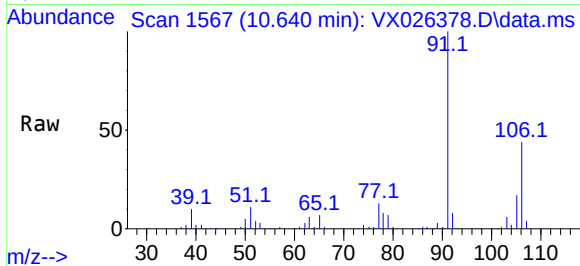




#69
o-Xylene
Concen: 6.292 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

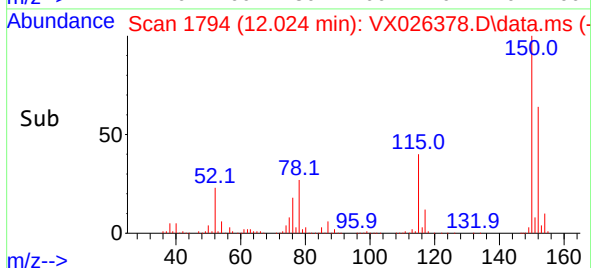
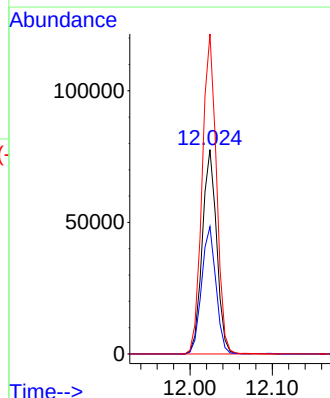
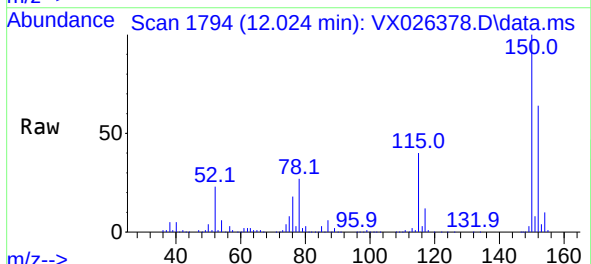
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

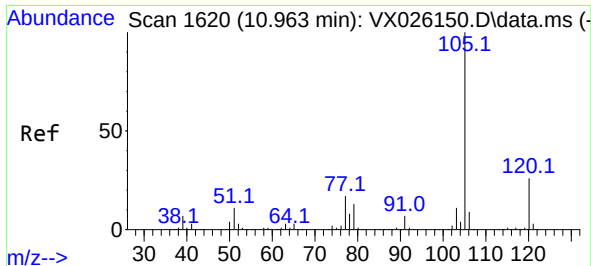
Tgt Ion:106 Resp: 19110
Ion Ratio Lower Upper
106 100
91 227.6 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Tgt Ion:152 Resp: 94249
Ion Ratio Lower Upper
152 100
115 62.2 41.3 123.9
150 156.2 0.0 351.8

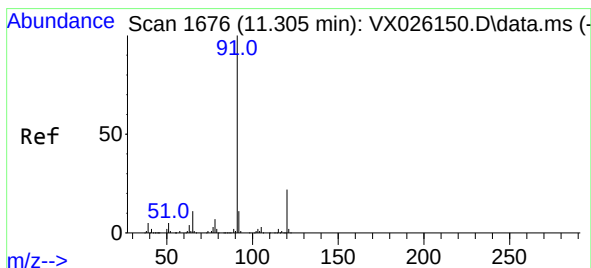
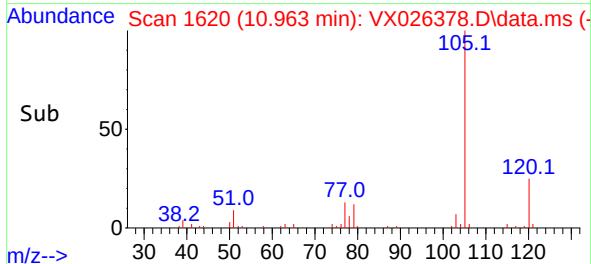
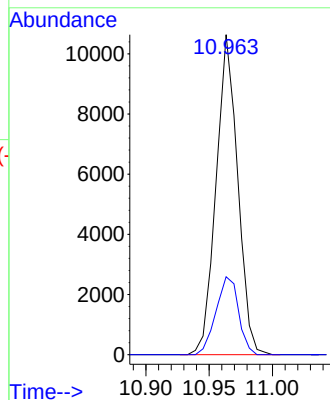
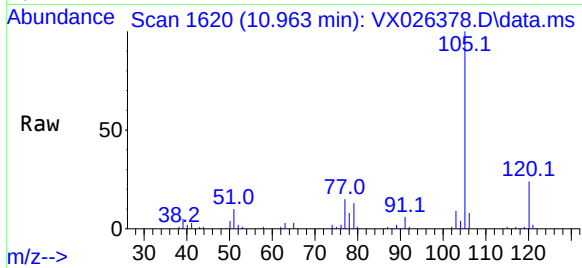




#73
Isopropylbenzene
Concen: 1.721 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

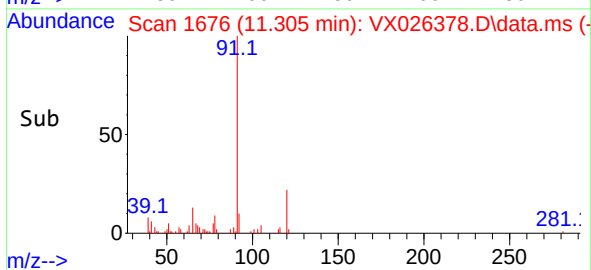
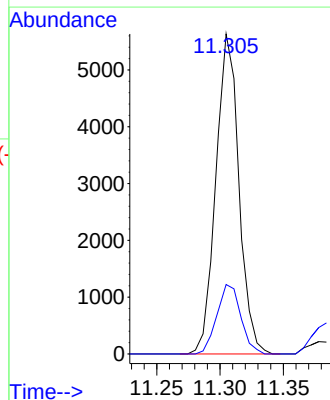
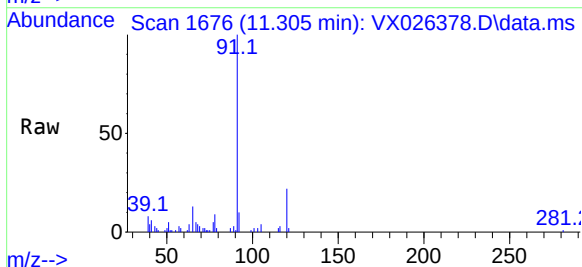
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

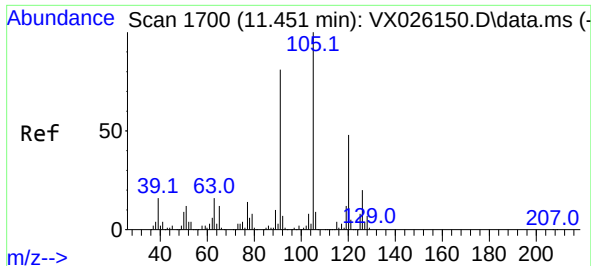
Tgt Ion:105 Resp: 12605
Ion Ratio Lower Upper
105 100
120 25.4 13.6 40.7



#78
n-propylbenzene
Concen: 0.845 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Tgt Ion: 91 Resp: 7120
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.1

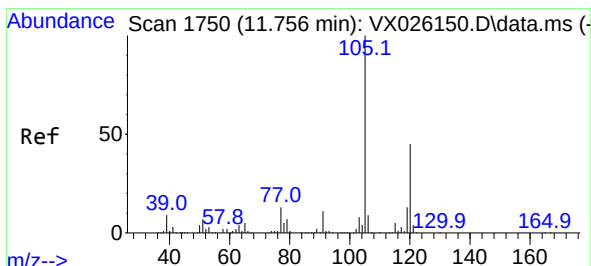
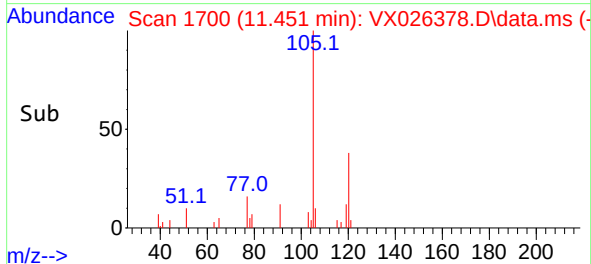
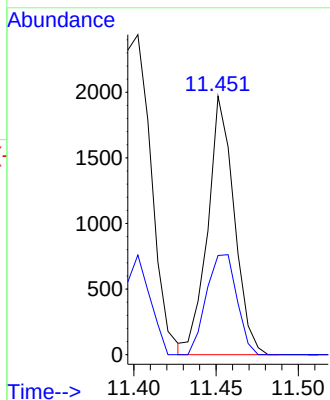
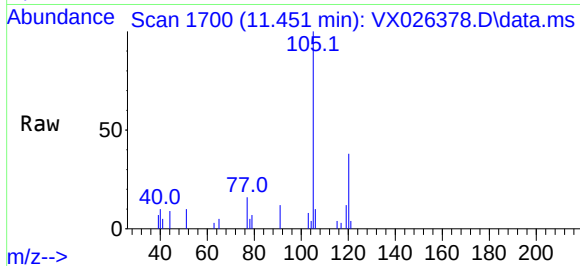




#80
1,3,5-Trimethylbenzene
Concen: 0.364 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

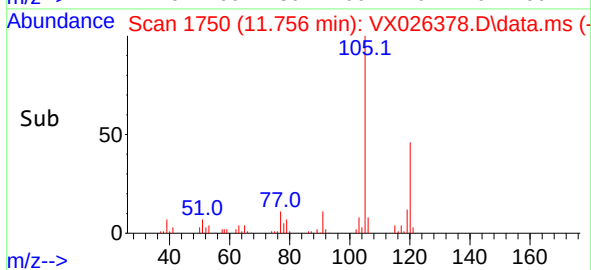
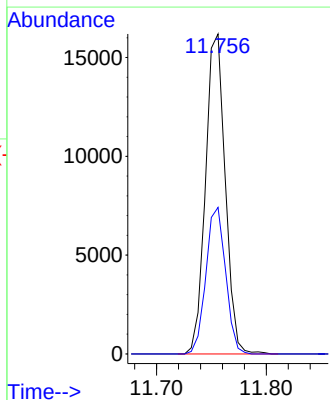
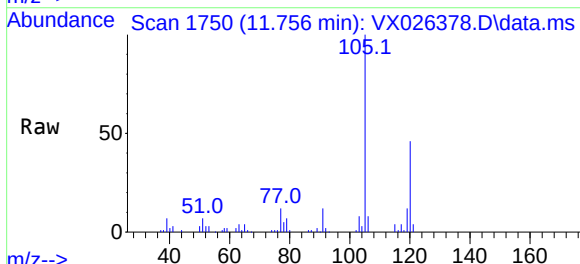
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

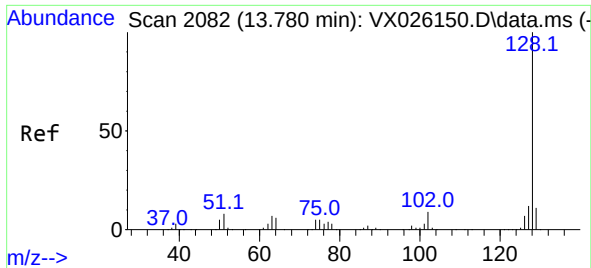
Tgt Ion:105 Resp: 2212
Ion Ratio Lower Upper
105 100
120 44.4 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 3.331 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

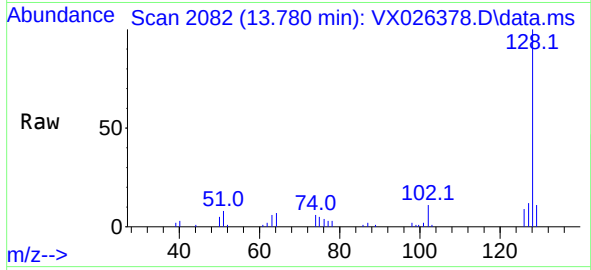
Tgt Ion:105 Resp: 20233
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7





#95
Naphthalene
Concen: 1.329 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026378.D
Acq: 06 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
PZ-9



Tgt Ion:	128	Resp:	9678
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.3	8.8	13.2

