

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026362.D
 Acq On : 06 Jan 2022 07:25
 Operator : JC/MD
 Sample : N1020-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Jan 06 12:24:39 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)

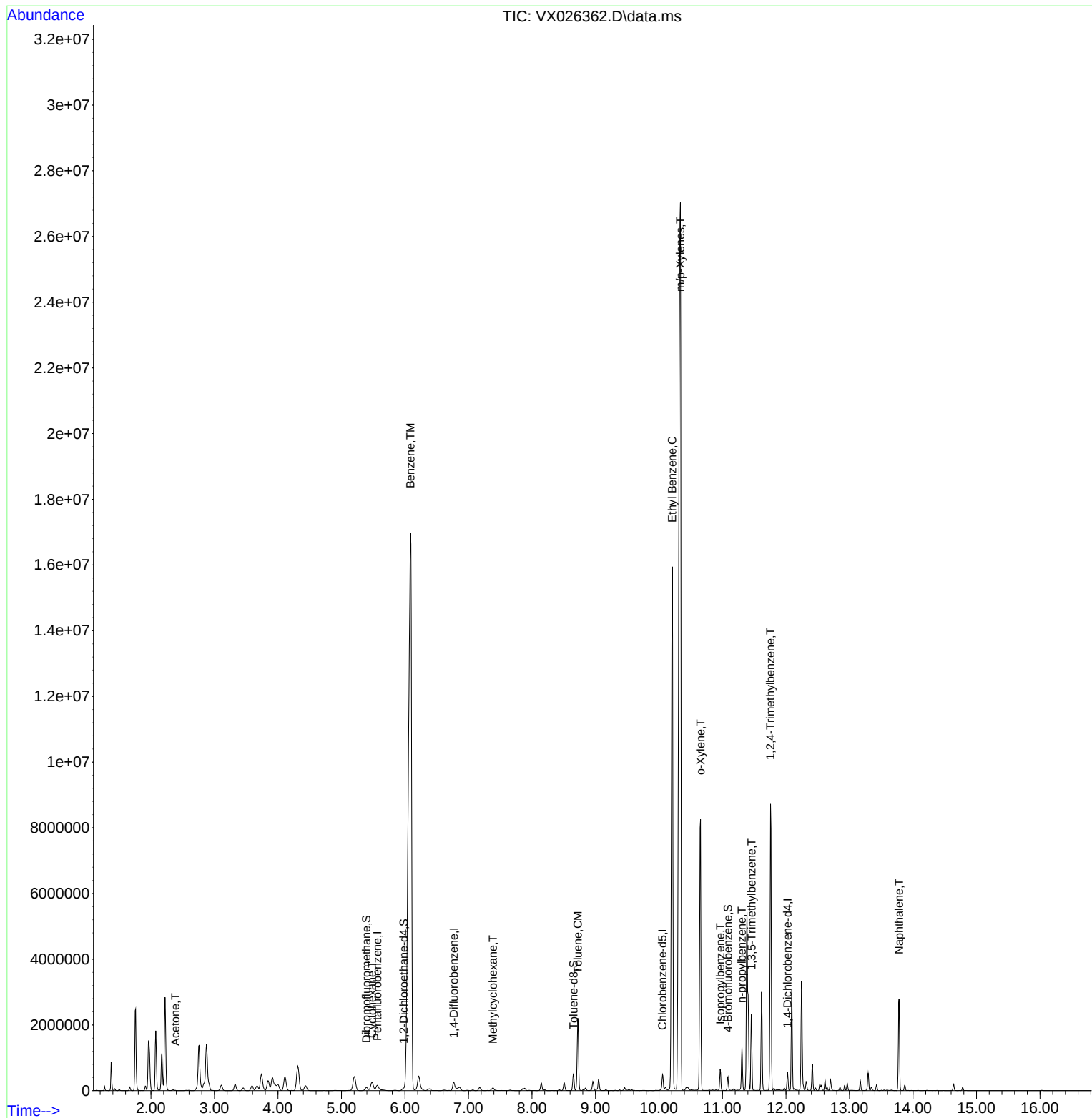
Internal Standards						
1) Pentafluorobenzene	5.562	168	150790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	252337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.983	65	106566	48.850	ug/l	0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.700%
35) Dibromofluoromethane	5.391	113	80351	48.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.653	98	287741	47.154	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.300%
62) 4-Bromofluorobenzene	11.085	95	111753	51.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.880%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	9360	7.919	ug/l	93
31) Cyclohexane	5.483	56	182592	58.775	ug/l	97
39) Methylcyclohexane	7.385	83	31546	10.569	ug/l #	88
40) Benzene	6.086	78	23210687	3073.571	ug/l #	78
52) Toluene	8.720	92	810880	174.420	ug/l	99
67) Ethyl Benzene	10.208	91	9561561	1125.698	ug/l #	83
68) m/p-Xylenes	10.336	106	10747539	3388.848	ug/l	76
69) o-Xylene	10.653	106	1859650	599.297	ug/l	98
73) Isopropylbenzene	10.964	105	324823	38.594	ug/l	99
78) n-propylbenzene	11.305	91	672172	69.461	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1009147	144.483	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3789758	543.025	ug/l	98
95) Naphthalene	13.780	128	1744482	208.459	ug/l	99

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

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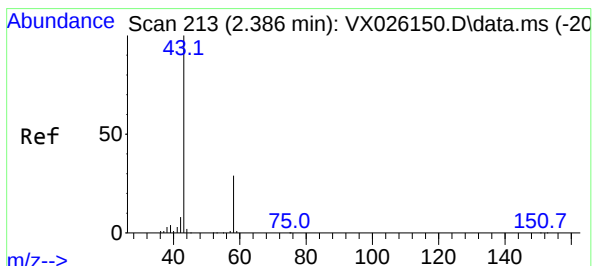
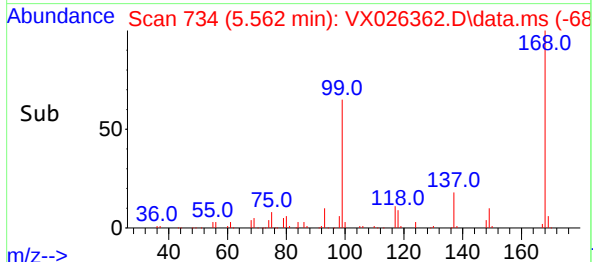
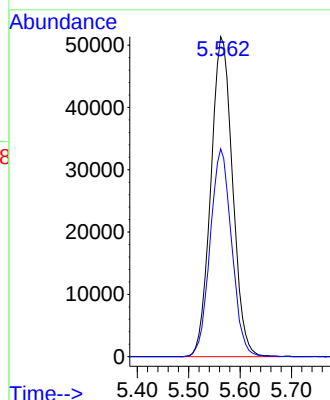
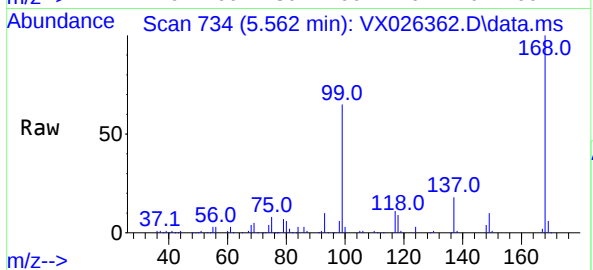




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

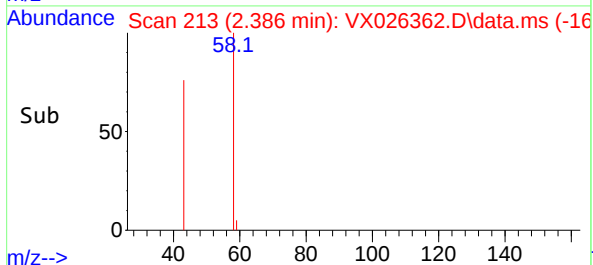
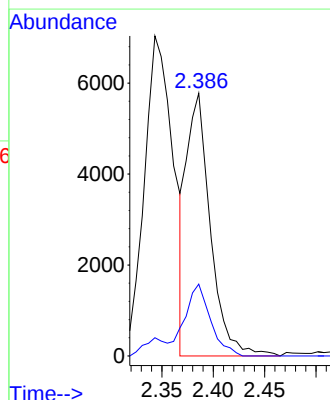
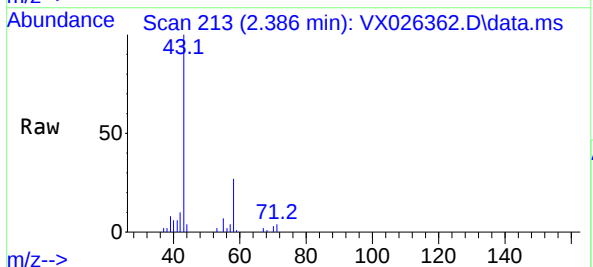
Instrument :
MSVOA_X
ClientSampleId :
MW-24

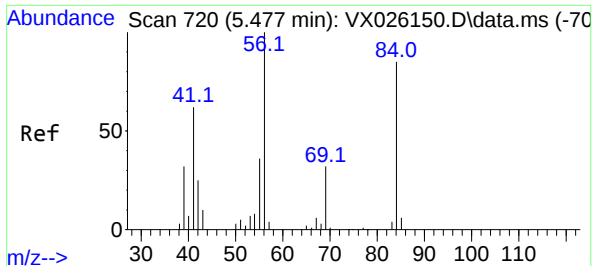
Tgt Ion:168 Resp: 150790
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.8



#16
Acetone
Concen: 7.919 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion: 43 Resp: 9360
Ion Ratio Lower Upper
43 100
58 27.3 24.8 37.2

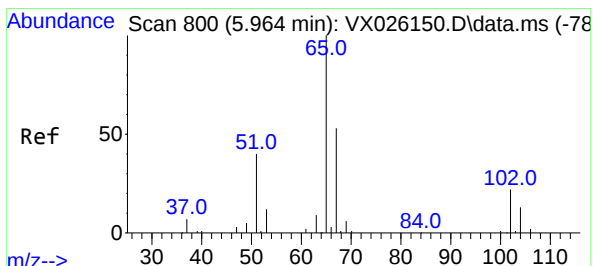
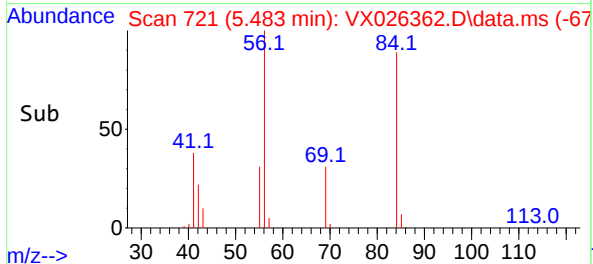
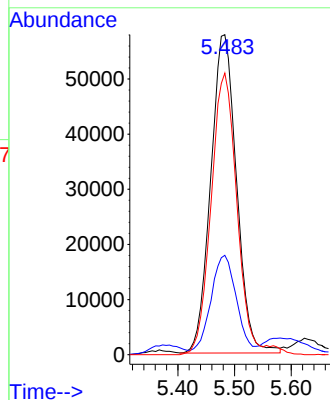
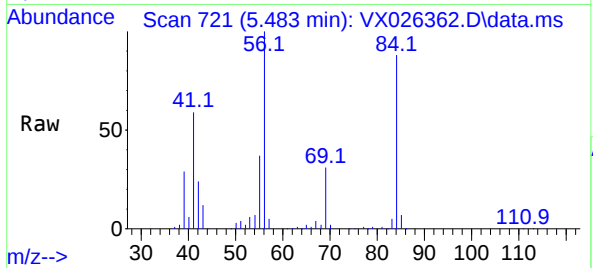




#31
Cyclohexane
Concen: 58.775 ug/l
RT: 5.483 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

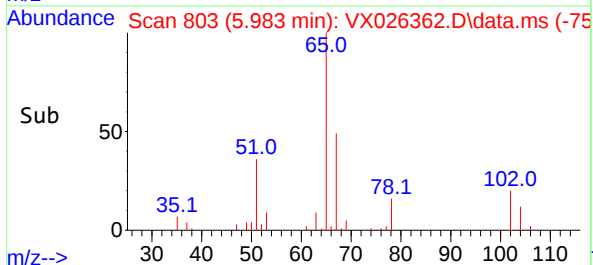
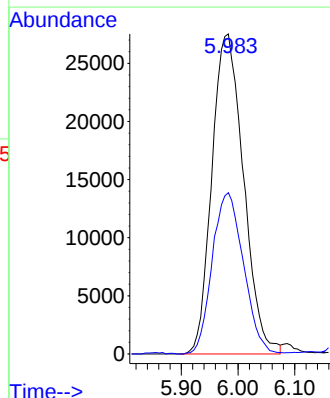
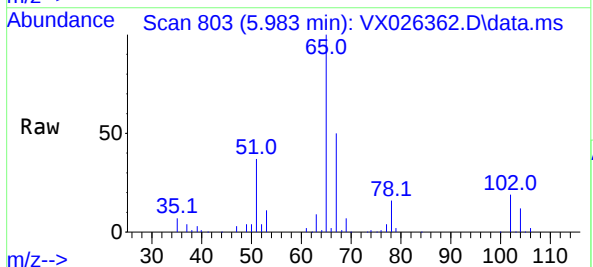
Instrument :
MSVOA_X
ClientSampleId :
MW-24

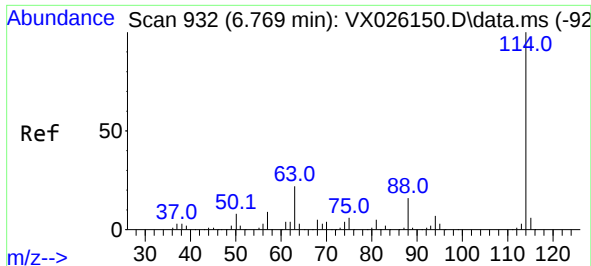
Tgt Ion: 56 Resp: 182592
Ion Ratio Lower Upper
56 100
69 29.1 23.9 35.9
84 88.5 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 48.850 ug/l
RT: 5.983 min Scan# 803
Delta R.T. 0.019 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion: 65 Resp: 106566
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4

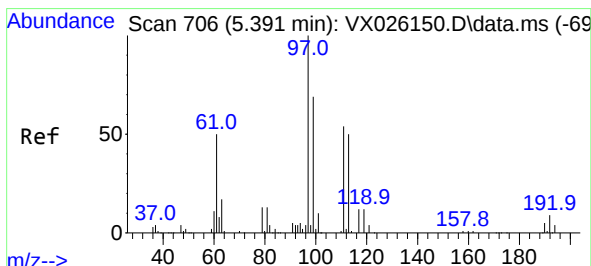
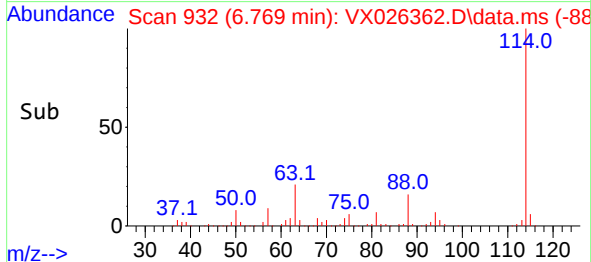
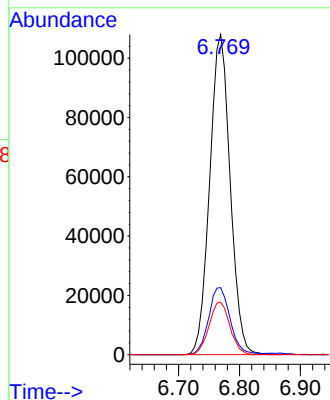
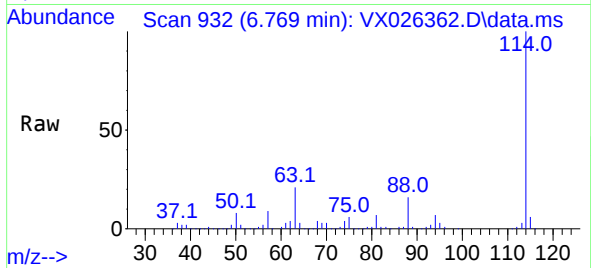




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

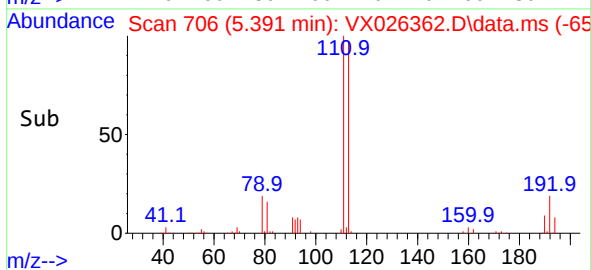
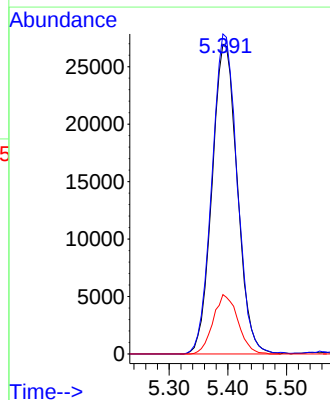
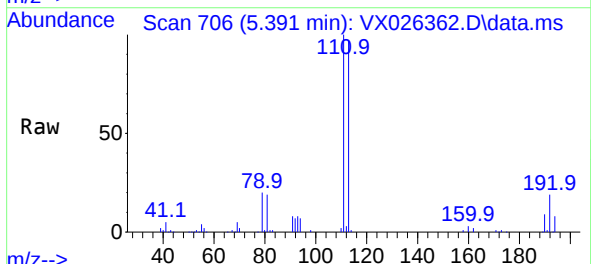
Instrument :
MSVOA_X
ClientSampleId :
MW-24

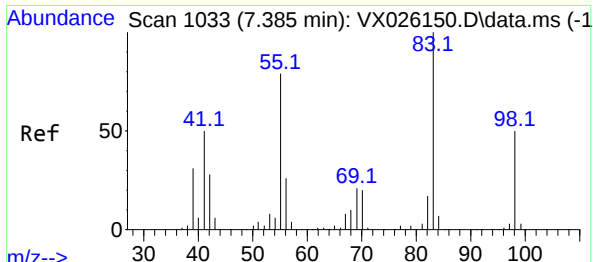
Tgt Ion:114 Resp: 252337
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.979 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion:113 Resp: 80351
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 18.8 15.0 22.4





#39

Methylcyclohexane

Concen: 10.569 ug/l

RT: 7.385 min Scan# 10

Delta R.T. -0.000 min

Lab File: VX026362.D

Acq: 06 Jan 2022 07:25

Instrument :

MSVOA_X

ClientSampleId :

MW-24

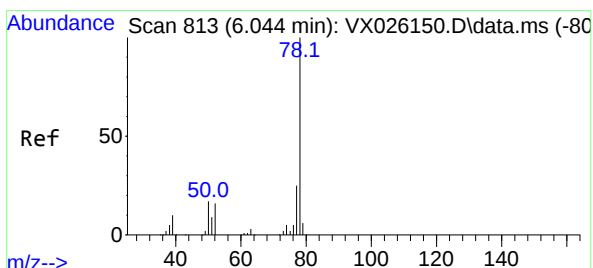
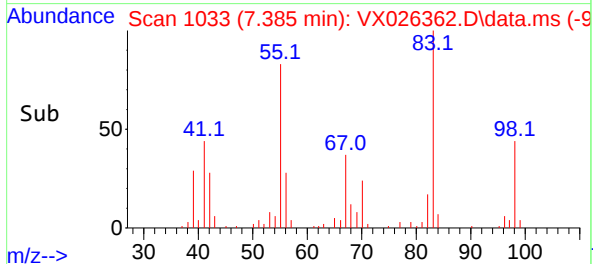
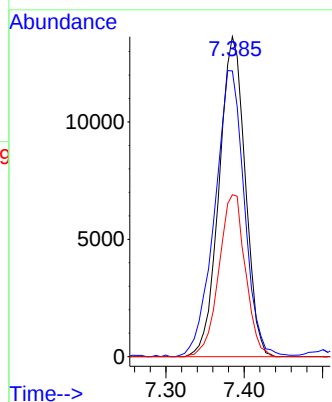
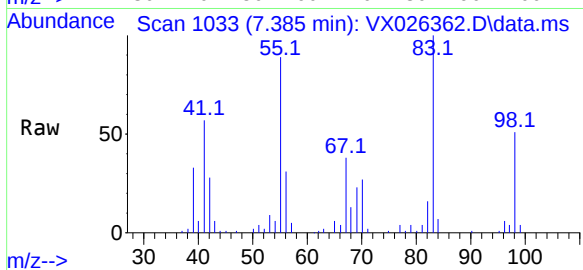
Tgt Ion: 83 Resp: 31546

Ion Ratio Lower Upper

83 100

55 88.9 57.8 86.8#

98 50.6 40.5 60.7



#40

Benzene

Concen: 3073.571 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.042 min

Lab File: VX026362.D

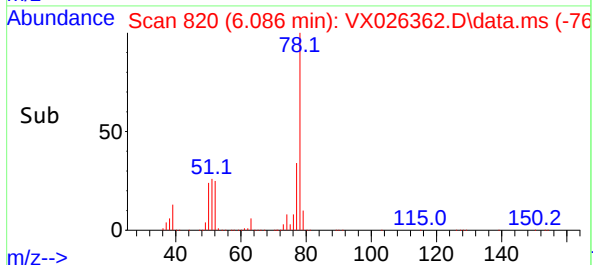
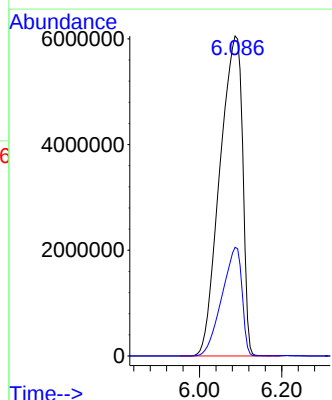
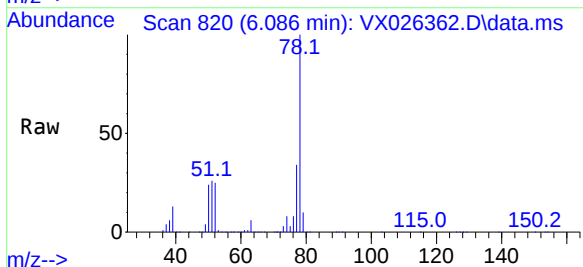
Acq: 06 Jan 2022 07:25

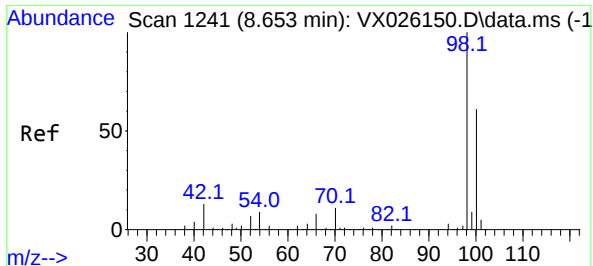
Tgt Ion: 78 Resp: 23210687

Ion Ratio Lower Upper

78 100

77 34.0 18.6 27.8#

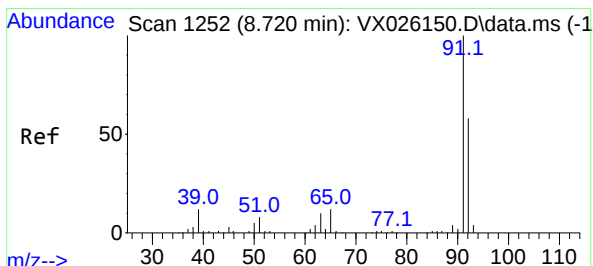
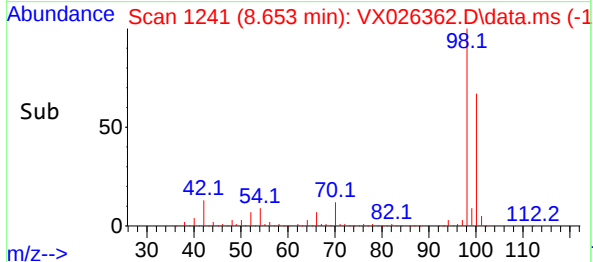
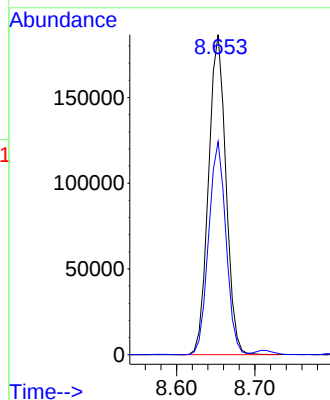
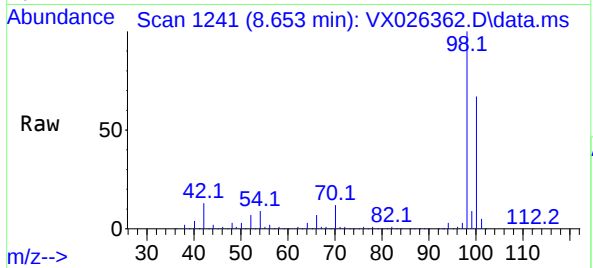




#50
Toluene-d8
Concen: 47.154 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

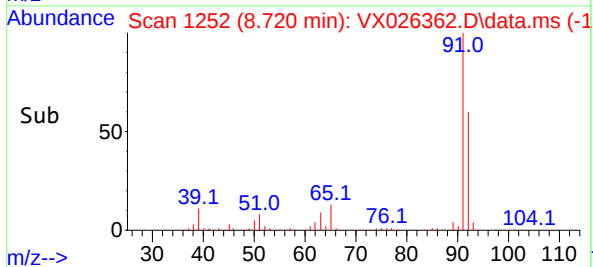
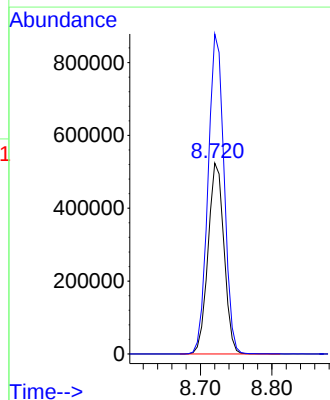
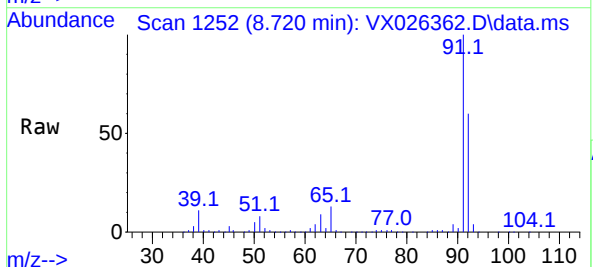
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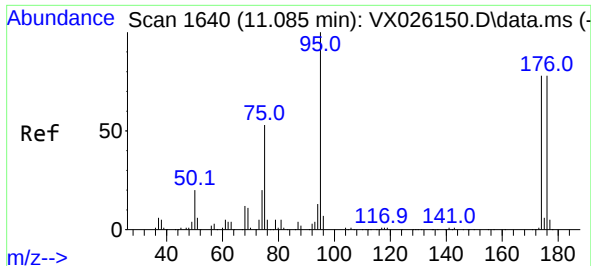
Tgt Ion: 98 Resp: 287741
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#52
Toluene
Concen: 174.420 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion: 92 Resp: 810880
Ion Ratio Lower Upper
92 100
91 168.5 136.0 204.0

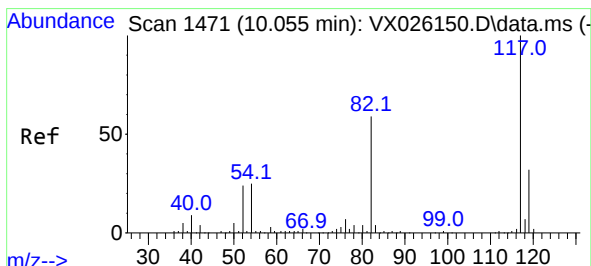
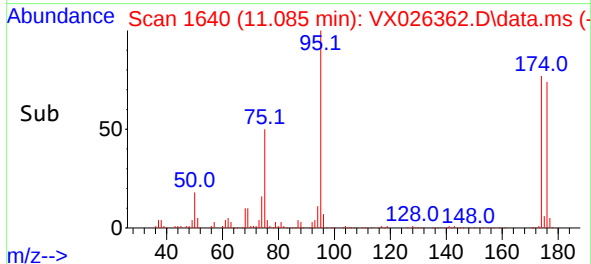
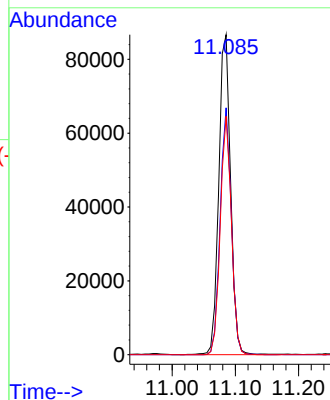
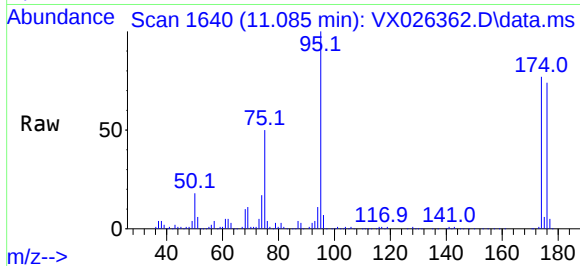




#62
4-Bromofluorobenzene
Concen: 51.445 ug/l
RT: 11.085 min Scan# 111753
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

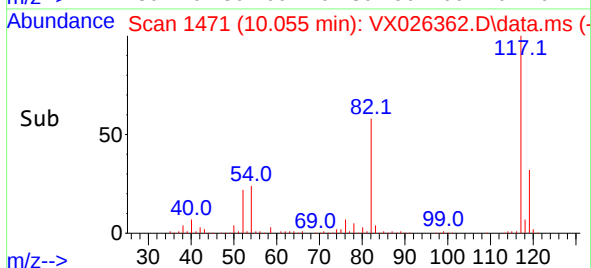
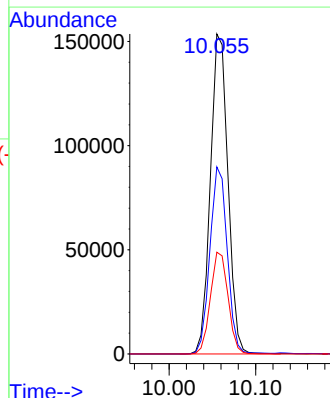
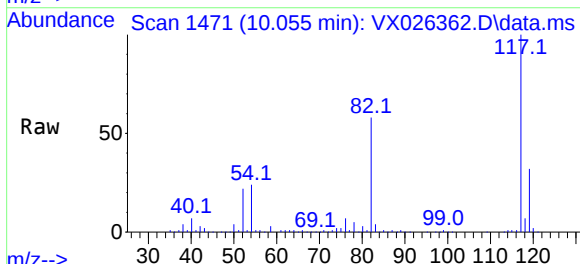
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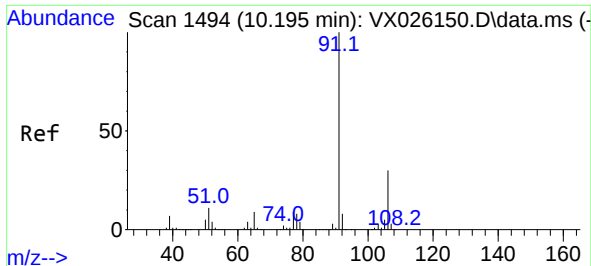
Tgt Ion: 95 Resp: 111753
Ion Ratio Lower Upper
95 100
174 72.8 0.0 157.4
176 70.0 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion: 117 Resp: 216242
Ion Ratio Lower Upper
117 100
82 58.4 43.8 65.6
119 31.8 25.2 37.8

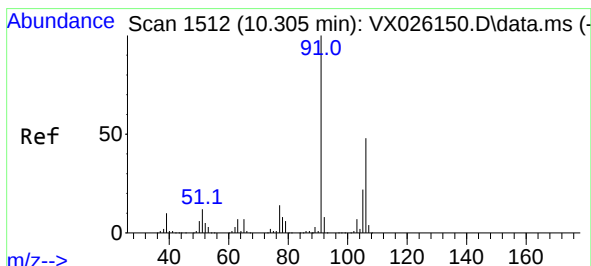
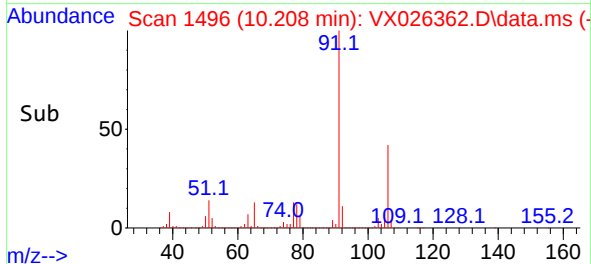
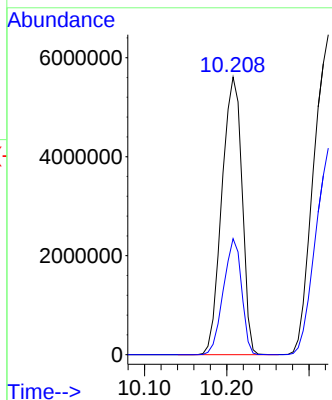
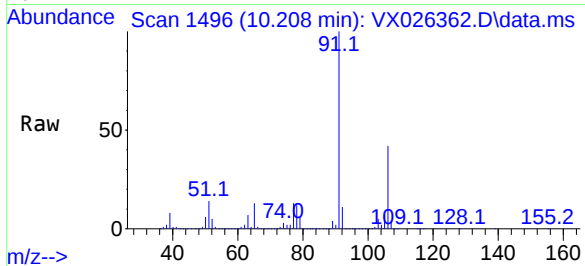




#67
Ethyl Benzene
Concen: 1125.698 ug/l
RT: 10.208 min Scan# 1496
Delta R.T. 0.013 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

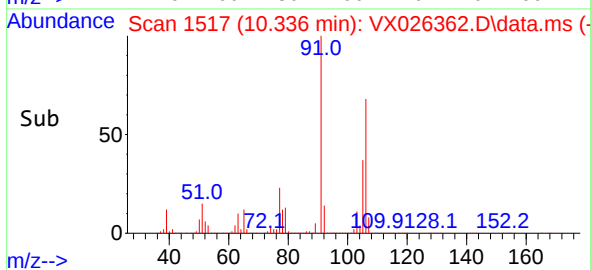
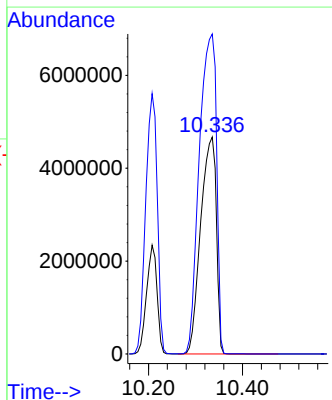
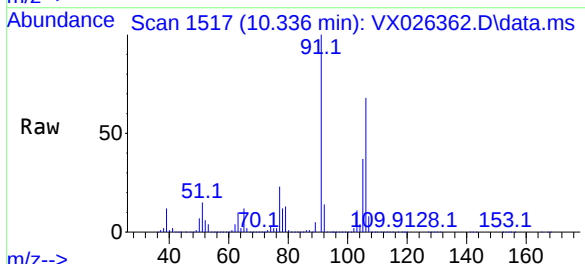
Instrument :
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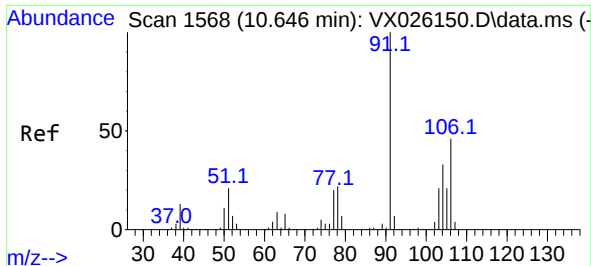
Tgt Ion: 91 Resp: 9561561
Ion Ratio Lower Upper
91 100
106 41.8 25.7 38.5#



#68
m/p-Xylenes
Concen: 3388.848 ug/l
RT: 10.336 min Scan# 1517
Delta R.T. 0.031 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion: 106 Resp: 10747539
Ion Ratio Lower Upper
106 100
91 162.5 158.6 238.0

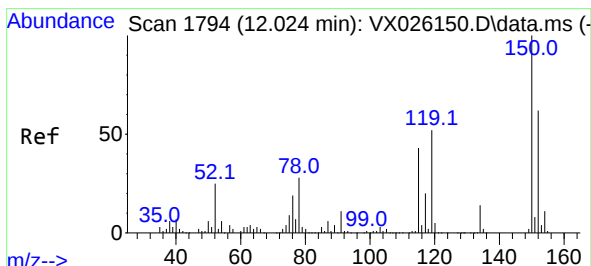
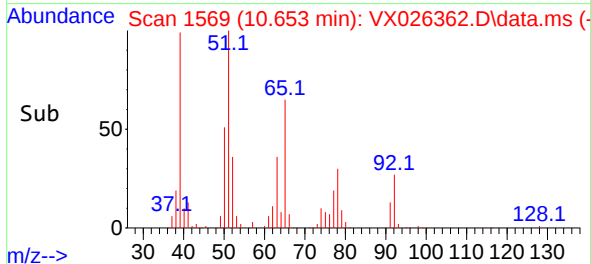
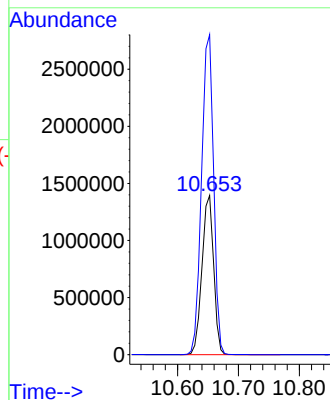
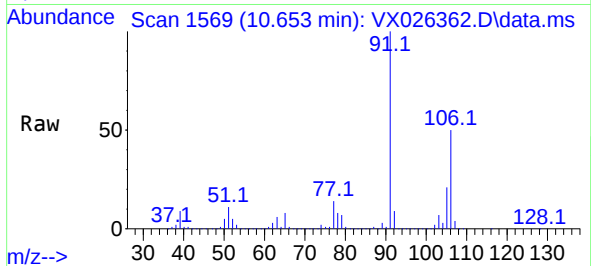




#69
o-Xylene
Concen: 599.297 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

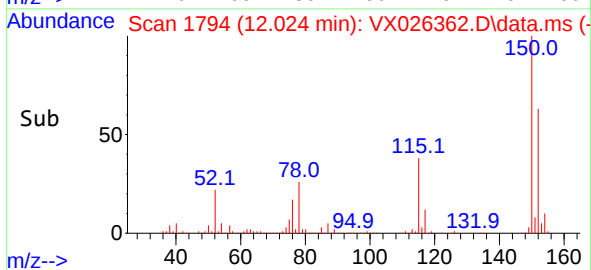
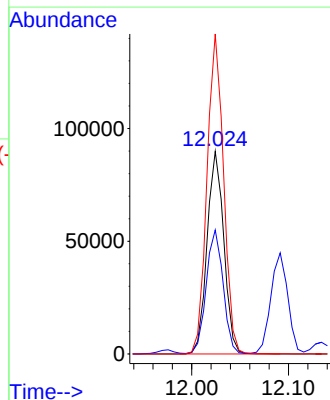
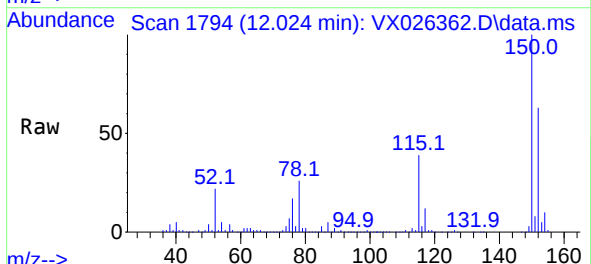
Instrument :
MSVOA_X
ClientSampleId :
MW-24

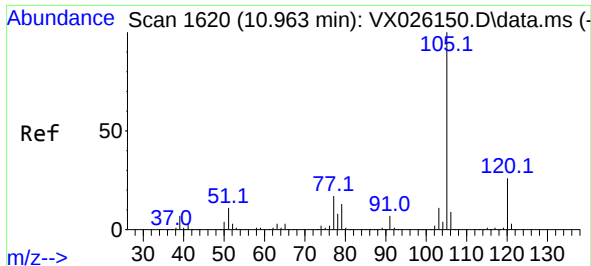
Tgt Ion:106 Resp: 1859650
Ion Ratio Lower Upper
106 100
91 207.7 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion:152 Resp: 108278
Ion Ratio Lower Upper
152 100
115 61.2 41.3 123.9
150 156.7 0.0 351.8

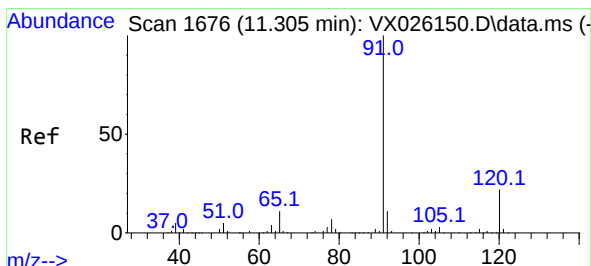
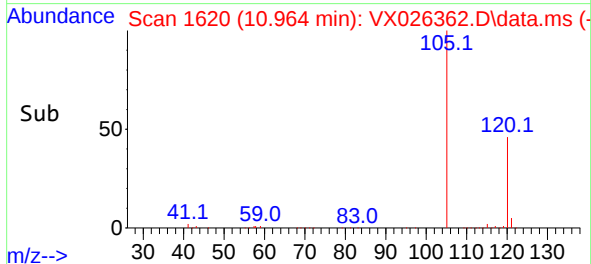
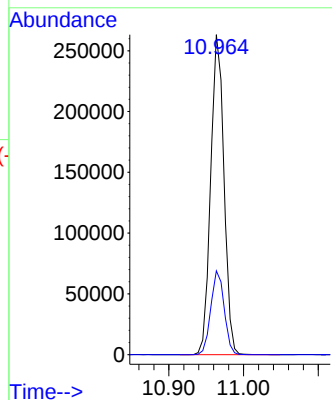
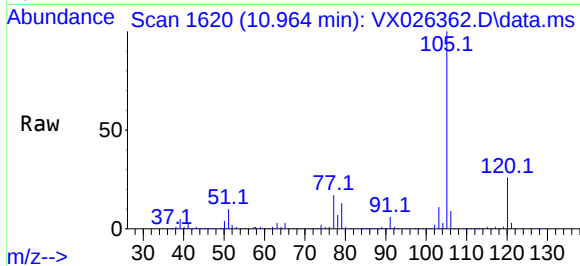




#73
Isopropylbenzene
Concen: 38.594 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

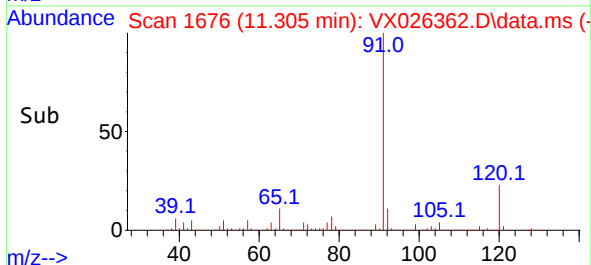
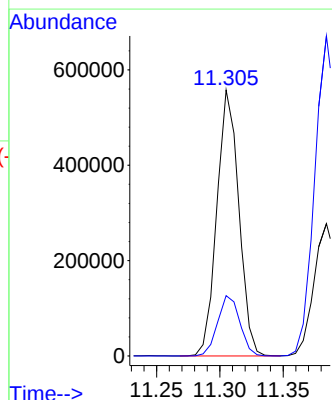
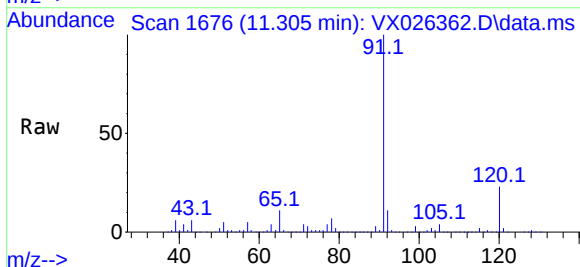
Instrument :
MSVOA_X
ClientSampleId :
MW-24

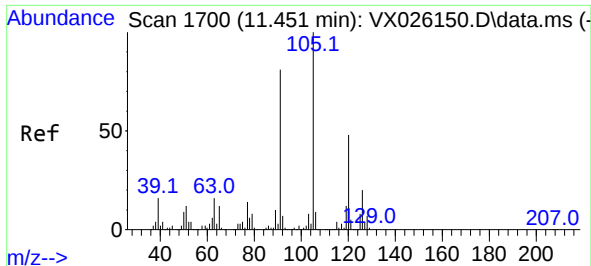
Tgt Ion:105 Resp: 324823
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.7



#78
n-propylbenzene
Concen: 69.461 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Tgt Ion: 91 Resp: 672172
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.1

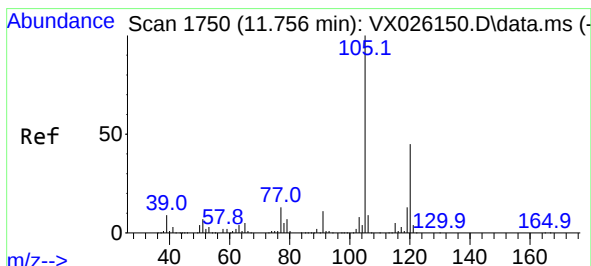
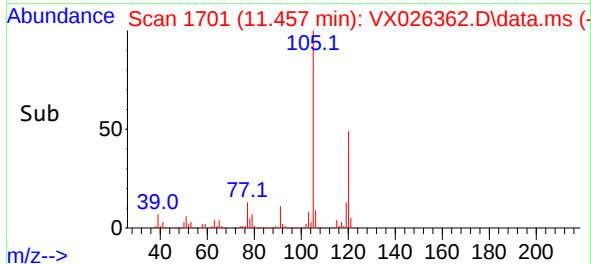
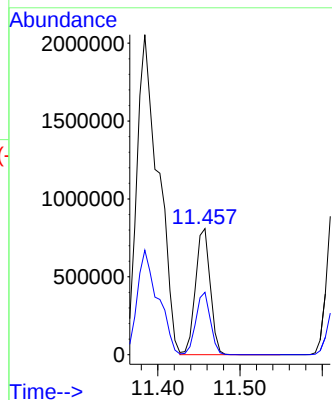
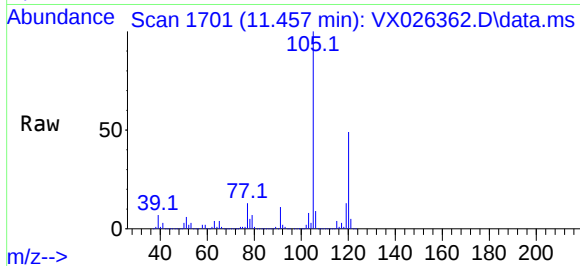




#80
1,3,5-Trimethylbenzene
Concen: 144.483 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

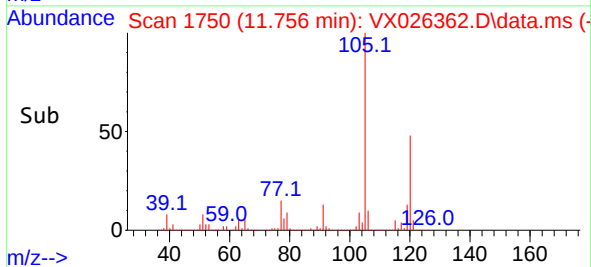
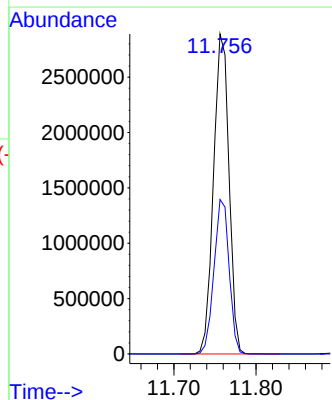
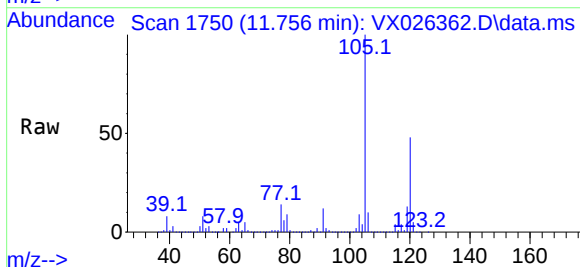
Instrument :
MSVOA_X
ClientSampleId :
MW-24

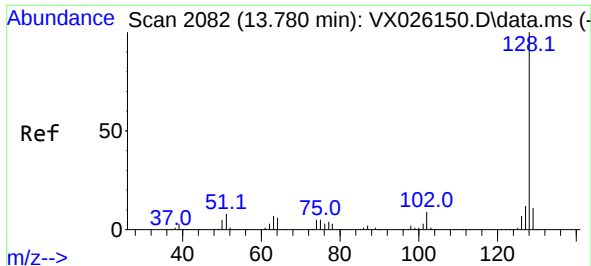
Tgt Ion:105 Resp: 1009147
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 543.025 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

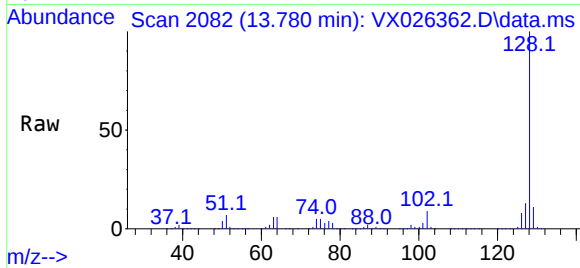
Tgt Ion:105 Resp: 3789758
Ion Ratio Lower Upper
105 100
120 47.2 22.9 68.7





#95
Naphthalene
Concen: 208.459 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026362.D
Acq: 06 Jan 2022 07:25

Instrument :
MSVOA_X
ClientSampleId :
MW-24



Tgt Ion:128 Resp: 1744482

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.3	8.8	13.2

