

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX026001.D
 Acq On : 24 Dec 2021 04:07
 Operator : JC/MD
 Sample : M5171-10ME
 Misc : 6.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLA6ME

Quant Time: Dec 24 06:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

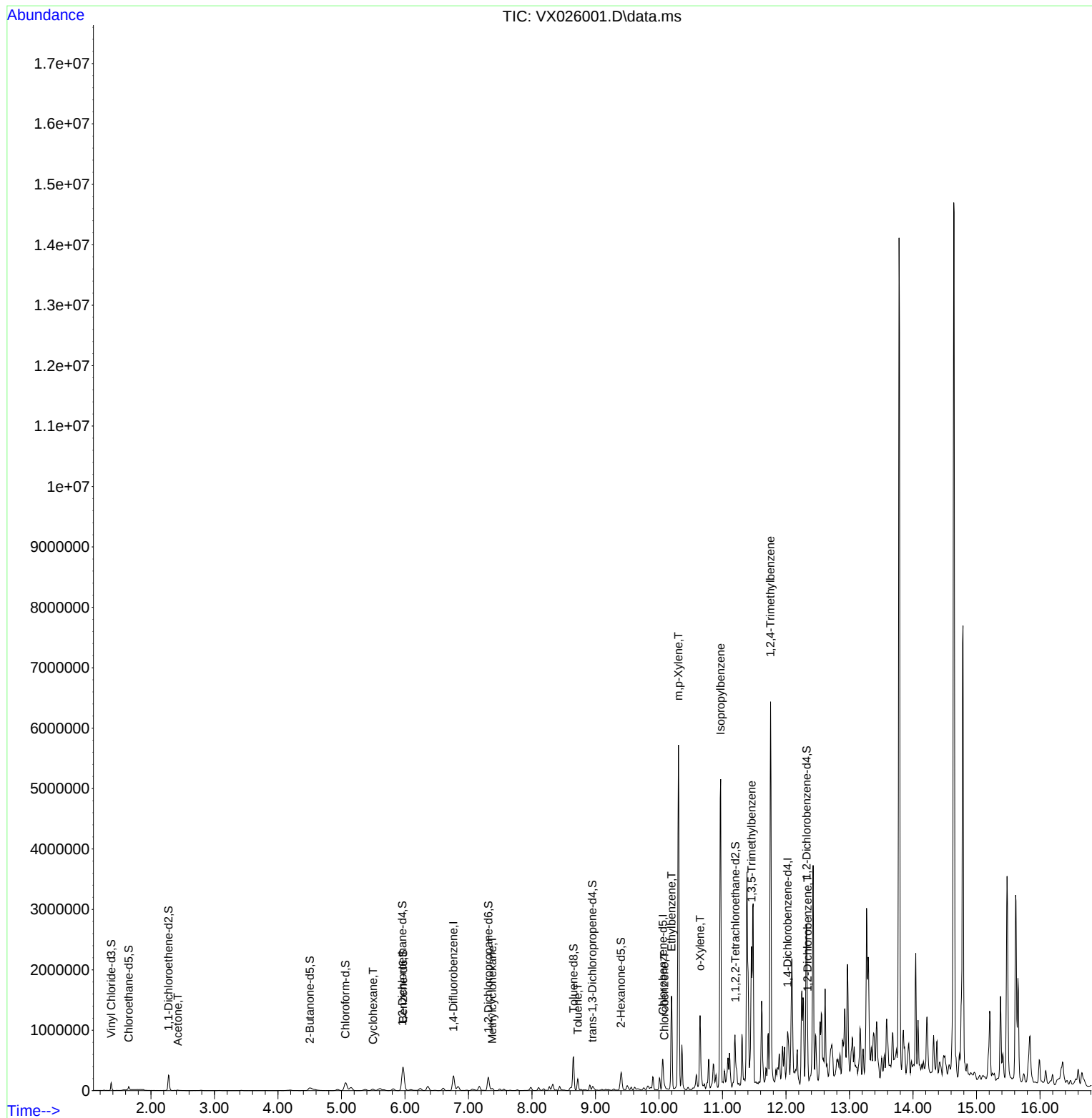
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	253296	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	241632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139257	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	98581	54.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.760%
7) Chloroethane-d5	1.648	69	34104	23.758	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.520%#
11) 1,1-Dichloroethene-d2	2.276	63	149001	41.860	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.720%
21) 2-Butanone-d5	4.501	46	113778	73.061	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.060%
24) Chloroform-d	5.062	84	166730	46.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	5.958	65	119543	49.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
32) Benzene-d6	5.971	84	368802	53.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.060%
36) 1,2-Dichloropropane-d6	7.312	67	111856	51.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.480%
41) Toluene-d8	8.653	98	330813	50.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.880%
43) trans-1,3-Dichloroprop...	8.952	79	30642	32.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.160%
47) 2-Hexanone-d5	9.403	63	107039	95.933	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.930%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	155495	48.778	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.560%
66) 1,2-Dichlorobenzene-d4	12.323	152	140886	53.538	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.080%
Target Compounds						Qvalue
13) Acetone	2.422	43	13807	16.217	ug/L	87
29) Cyclohexane	5.495	56	5794	1.826	ug/L #	14
35) Methylcyclohexane	7.373	83	13715	4.415	ug/L #	87
42) Toluene	8.720	91	121448	14.863	ug/L	100
51) Chlorobenzene	10.086	112	31874	6.197	ug/L	97
52) Ethylbenzene	10.195	91	911373	102.839	ug/L	97
53) m,p-Xylene	10.305	106	1289726	381.244	ug/L	94
54) o-Xylene	10.647	106	259041	77.305	ug/L	88
60) Isopropylbenzene	10.970	105	2702159	282.428	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	943517	117.781	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	2600787	324.078	ug/L #	80
67) 1,2-Dichlorobenzene	12.341	146	75293	17.838	ug/L	94

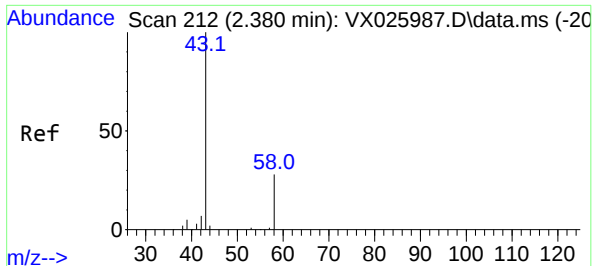
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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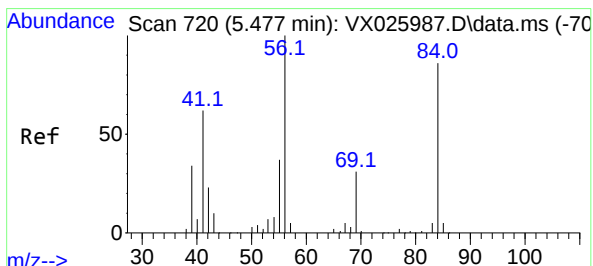
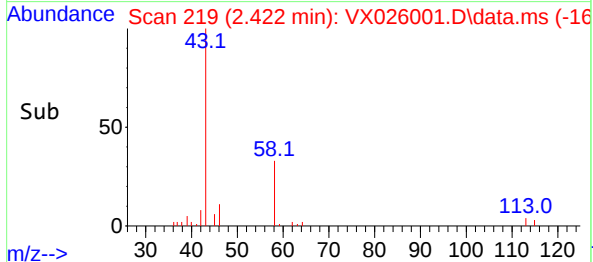
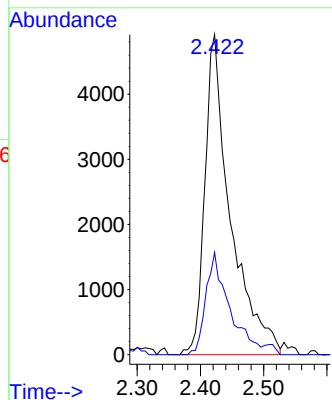
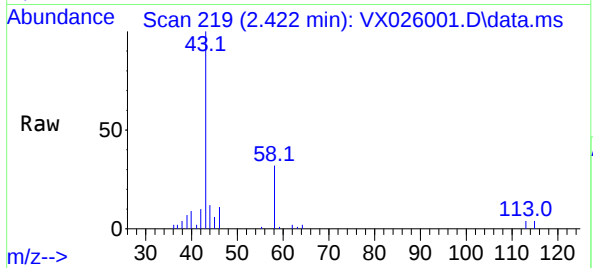




#13
Acetone
Concen: 16.217 ug/L
RT: 2.422 min Scan# 212
Delta R.T. 0.043 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

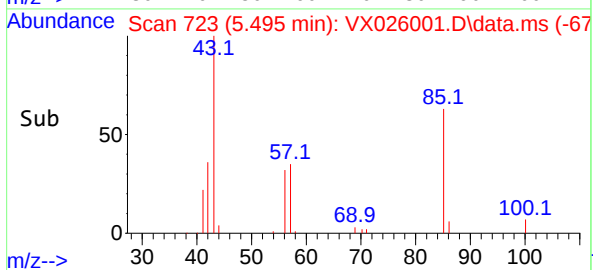
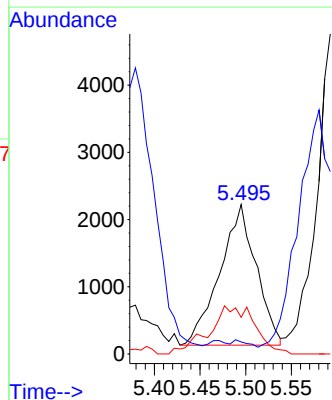
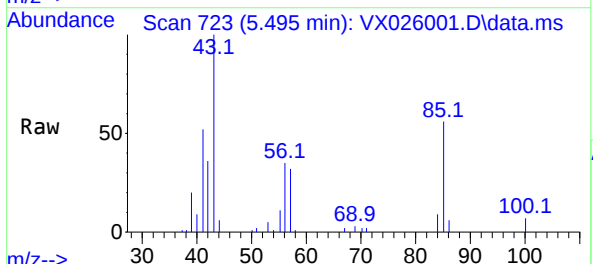
Instrument :
MSVOA_X
ClientSampleId :
BGLA6ME

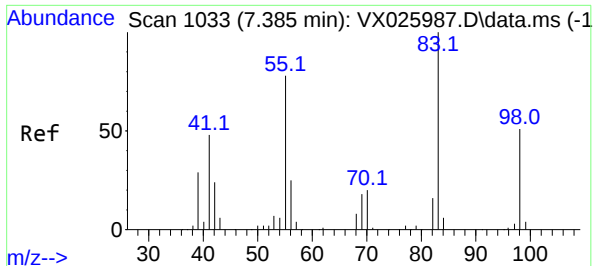
Tgt Ion: 43 Resp: 13807
Ion Ratio Lower Upper
43 100
58 25.3 0.0 65.6



#29
Cyclohexane
Concen: 1.826 ug/L
RT: 5.495 min Scan# 723
Delta R.T. 0.018 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

Tgt Ion: 56 Resp: 5794
Ion Ratio Lower Upper
56 100
69 5.0 25.4 38.2#
84 0.0 76.6 114.8#





#35

Methylcyclohexane

Concen: 4.415 ug/L

RT: 7.373 min Scan# 1033

Delta R.T. -0.012 min

Lab File: VX026001.D

Acq: 24 Dec 2021 04:07

Instrument :

MSVOA_X

ClientSampleId :

BGLA6ME

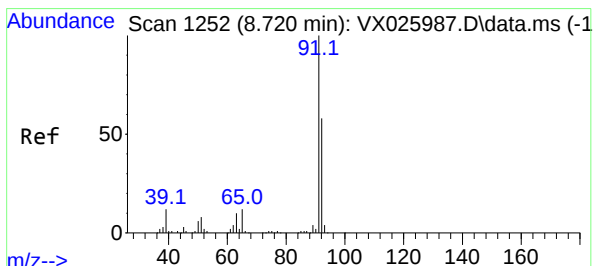
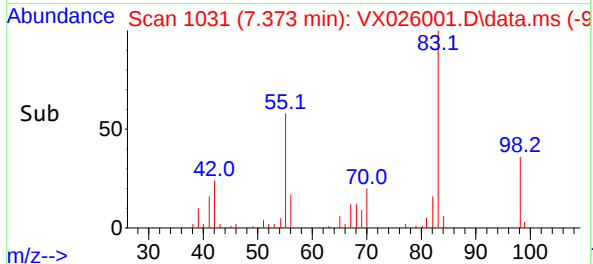
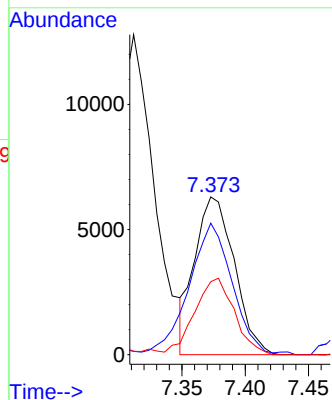
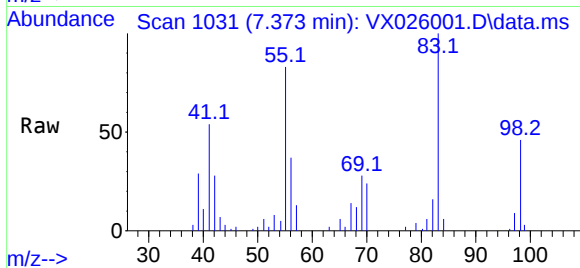
Tgt Ion: 83 Resp: 13715

Ion Ratio Lower Upper

83 100

55 87.4 57.3 85.9#

98 48.5 41.1 61.7



#42

Toluene

Concen: 14.863 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026001.D

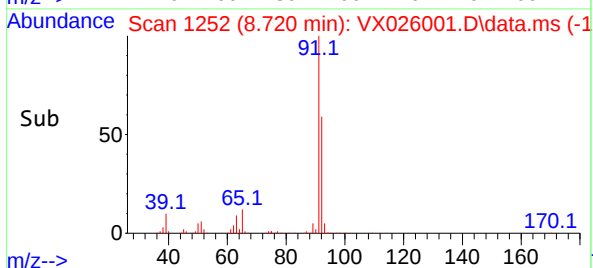
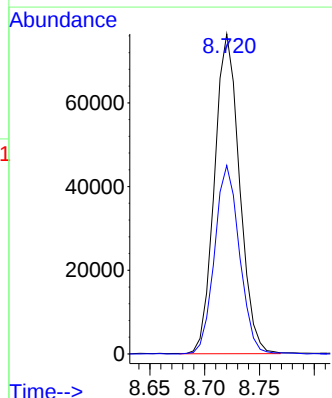
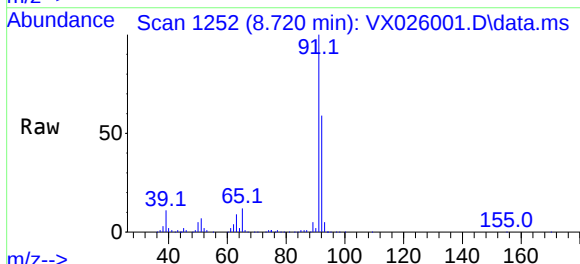
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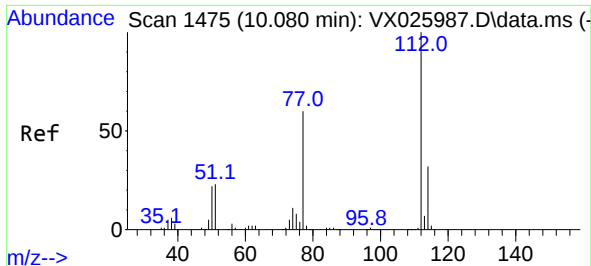
Tgt Ion: 91 Resp: 121448

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.6

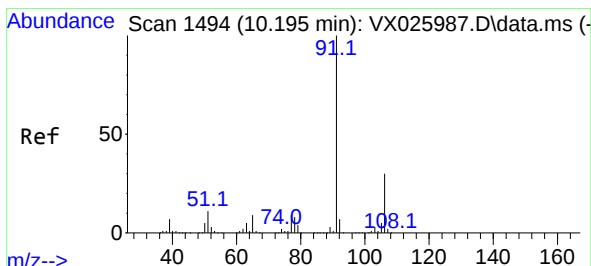
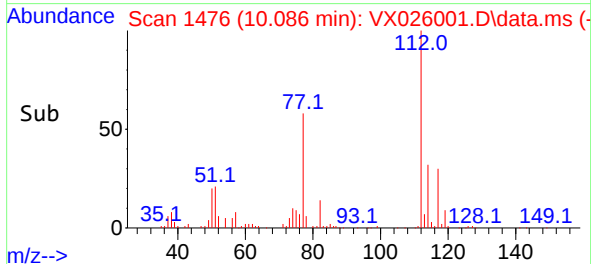
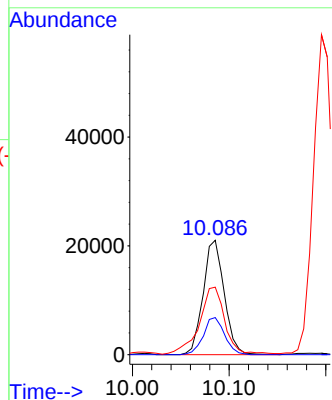
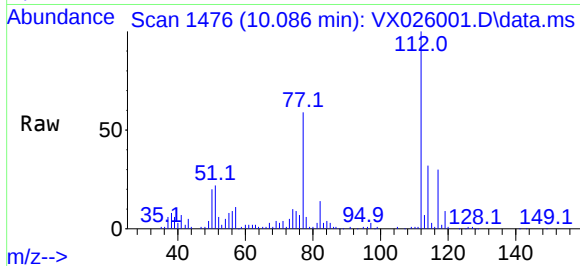




#51
Chlorobenzene
Concen: 6.197 ug/L
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

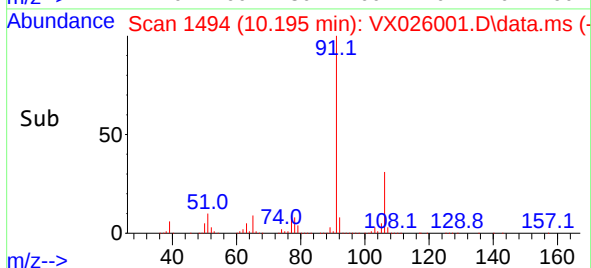
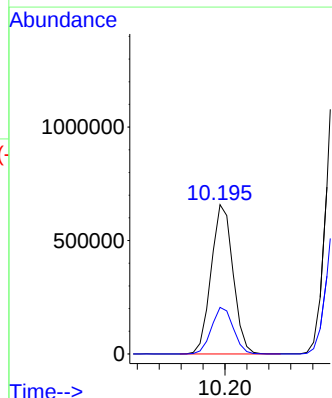
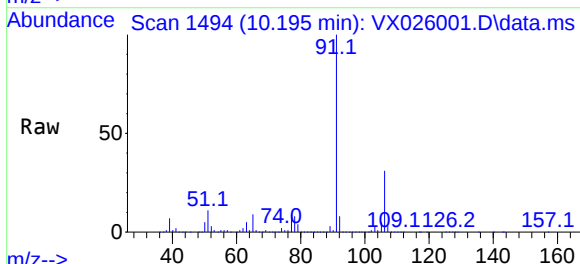
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BGLA6ME

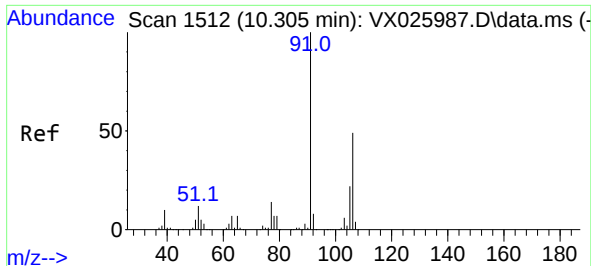
Tgt Ion:112 Resp: 31874
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 59.0 44.5 66.7



#52
Ethylbenzene
Concen: 102.839 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

Tgt Ion: 91 Resp: 911373
Ion Ratio Lower Upper
91 100
106 31.2 23.1 42.9

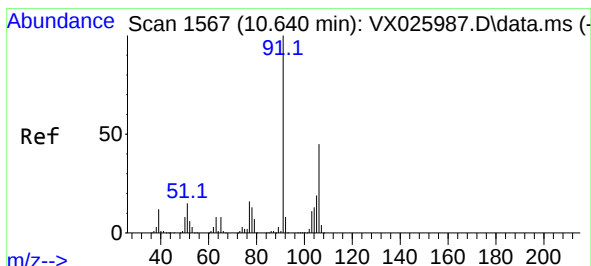
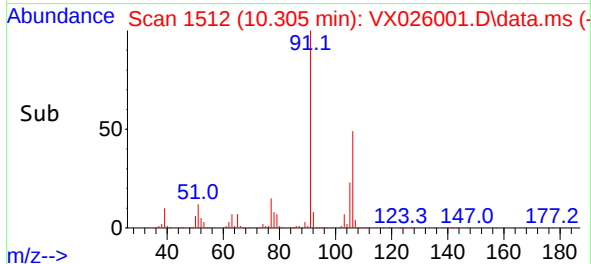
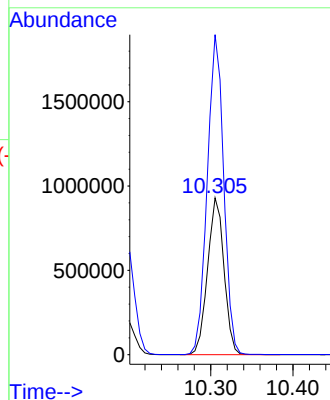
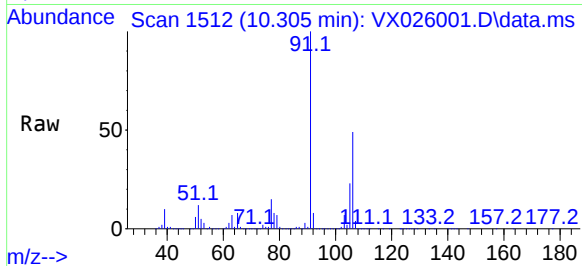




#53
m,p-Xylene
Concen: 381.244 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

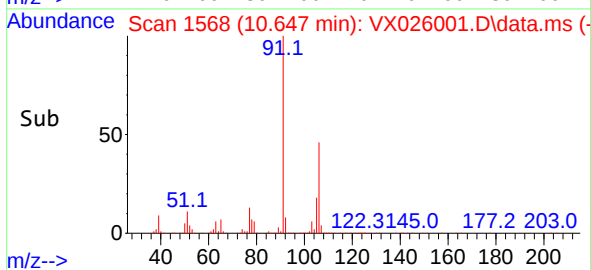
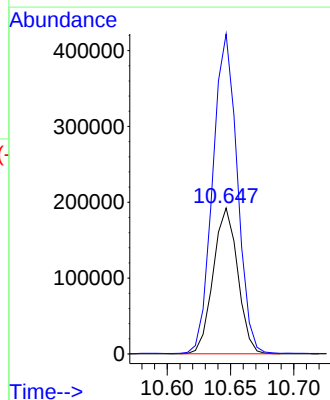
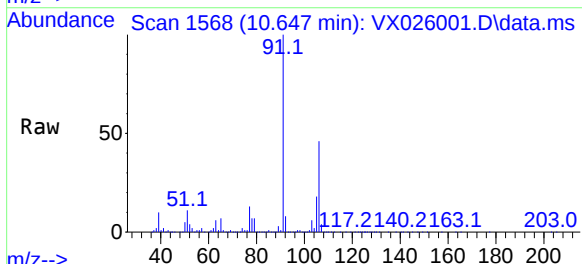
Instrument :
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ClientSampleId :
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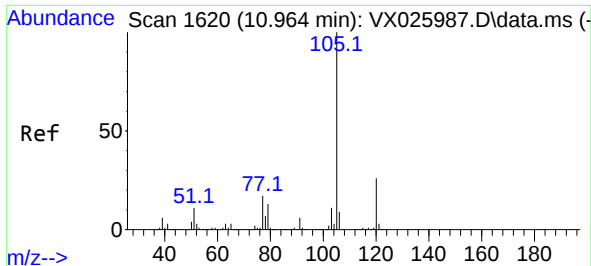
Tgt Ion:106 Resp: 1289726
Ion Ratio Lower Upper
106 100
91 204.1 136.8 254.2



#54
o-Xylene
Concen: 77.305 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

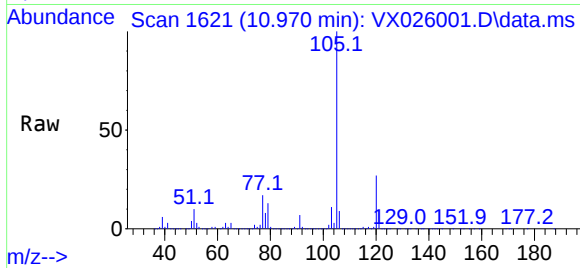
Tgt Ion:106 Resp: 259041
Ion Ratio Lower Upper
106 100
91 219.4 140.5 260.9



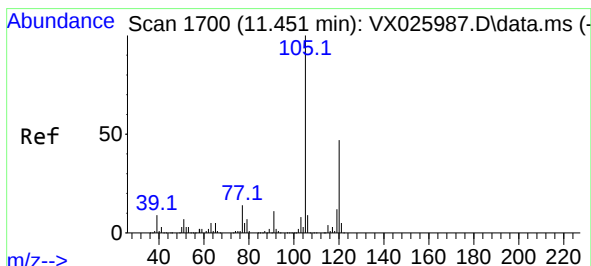
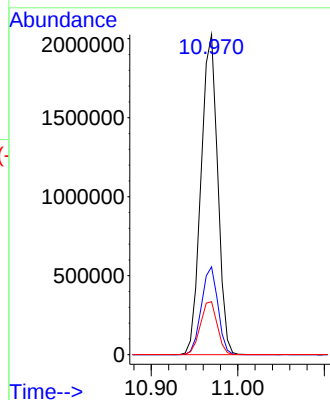
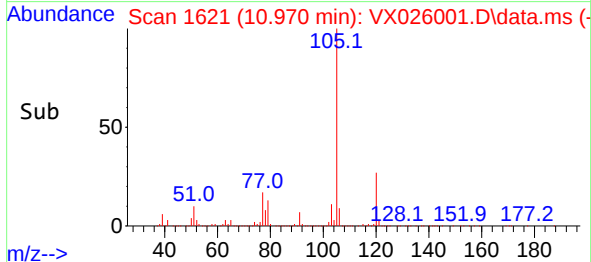


#60
Isopropylbenzene
Concen: 282.428 ug/L
RT: 10.970 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

Instrument :
MSVOA_X
ClientSampleId :
BGLA6ME

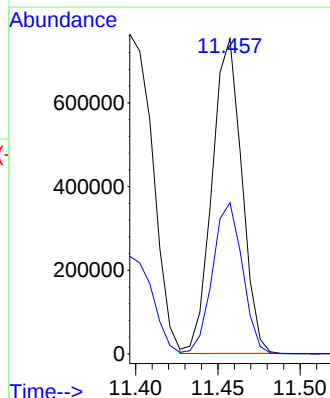
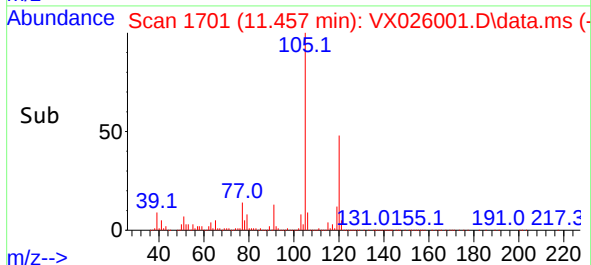
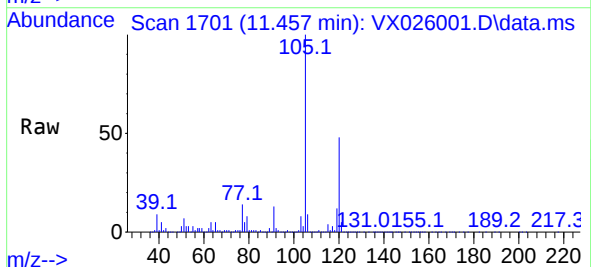


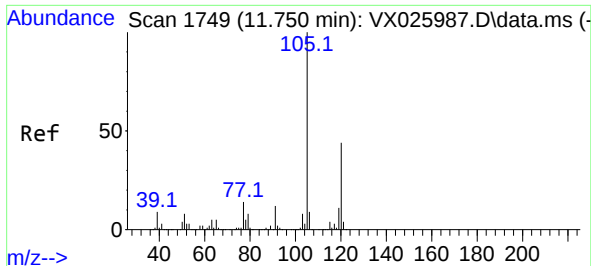
Tgt Ion:105 Resp: 2702159
Ion Ratio Lower Upper
105 100
120 27.2 22.3 33.5
77 16.8 11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 117.781 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

Tgt Ion:105 Resp: 943517
Ion Ratio Lower Upper
105 100
120 48.5 41.0 61.4

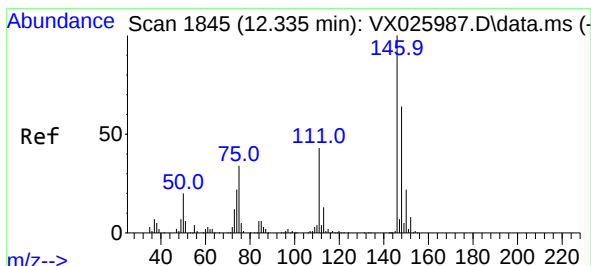
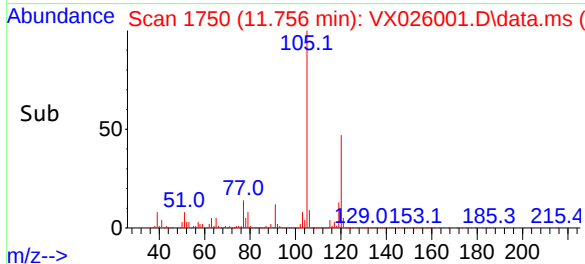
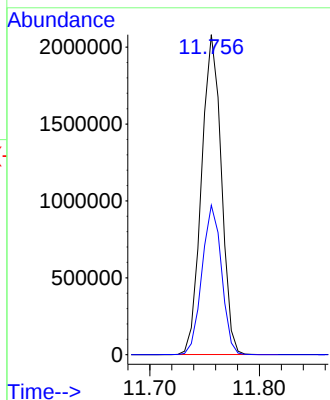
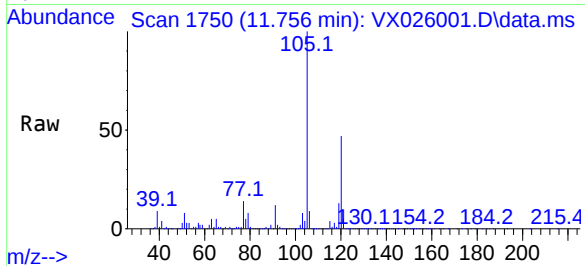




#63
1,2,4-Trimethylbenzene
Concen: 324.078 ug/L
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

Instrument :
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Tgt Ion:105 Resp: 2600787
Ion Ratio Lower Upper
105 100
120 45.9 0.1 0.1#



#67
1,2-Dichlorobenzene
Concen: 17.838 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX026001.D
Acq: 24 Dec 2021 04:07

Tgt Ion:146 Resp: 75293
Ion Ratio Lower Upper
146 100
111 48.0 32.3 48.5
148 64.9 50.3 75.5

