

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024651.D
 Acq On : 07 Oct 2021 17:24
 Operator : JC/MD
 Sample : M4000-20ME
 Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW913ME

Manual Integrations
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 10/8/2021 9:39:01 AM

Quant Time: Oct 07 23:09:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	220143	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	219953	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119459	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60964	44.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.46%		
7) Chloroethane-d5	1.648	69	24282	27.06	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	54.12%#		
11) 1,1-Dichloroethene-d2	2.270	63	89997	33.63	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.26%		
21) 2-Butanone-d5	4.507	46	75422m	67.31	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	67.31%		
24) Chloroform-d	5.068	84	128255	46.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.92%		
26) 1,2-Dichloroethane-d4	5.964	65	98209	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.60%		
32) Benzene-d6	5.971	84	269159	43.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.88%		
36) 1,2-Dichloropropane-d6	7.312	67	84803	43.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.52%		
41) Toluene-d8	8.653	98	263443	43.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.28%		
43) trans-1,3-Dichloroprop...	8.958	79	41351	43.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.12%		
47) 2-Hexanone-d5	9.403	63	85372	93.84	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.84%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	140415	52.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.22%		
66) 1,2-Dichlorobenzene-d4	12.323	152	116856	50.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.00%		
Target Compounds						Qvalue
15) Methyl Acetate	2.739	43	6382	3.62	ug/L #	75
16) Methylene chloride	2.776	84	2229	1.47	ug/L #	84
20) cis-1,2-Dichloroethene	4.495	96	2153	1.33	ug/L	89
29) Cyclohexane	5.477	56	40065m	14.68	ug/L	
34) Trichloroethene	7.123	95	30668	16.39	ug/L	99
35) Methylcyclohexane	7.379	83	198953	66.90	ug/L	89
42) Toluene	8.726	91	14172	1.87	ug/L	90
52) Ethylbenzene	10.195	91	44180	5.66	ug/L	93
53) m,p-Xylene	10.305	106	9855	3.23	ug/L	84
54) o-Xylene	10.647	106	5428	1.78	ug/L	89
60) Isopropylbenzene	10.970	105	22550m	2.74	ug/L	
62) 1,3,5-Trimethylbenzene	11.457	105	21258	2.94	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	20583	2.91	ug/L	95

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

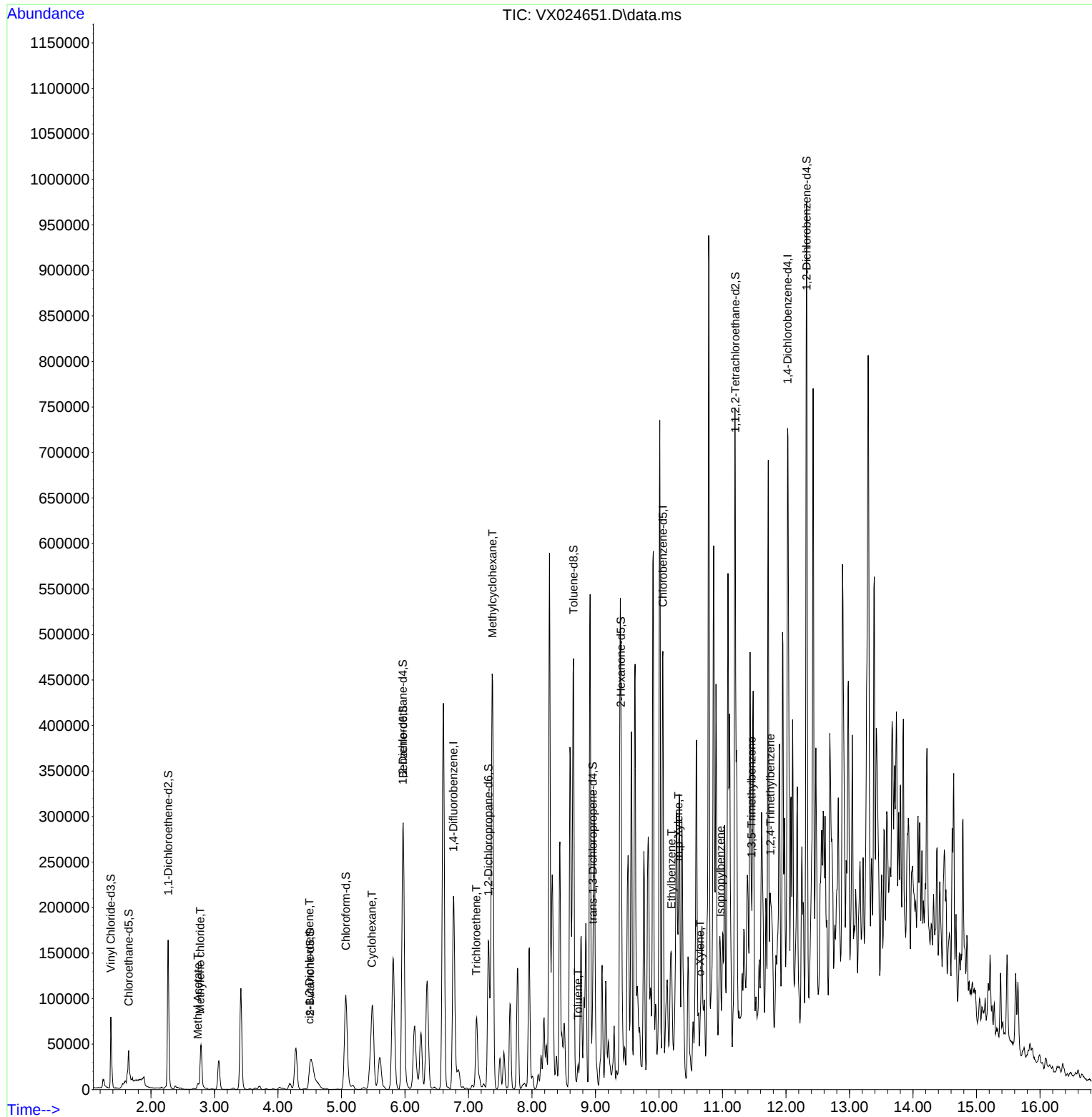
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024651.D
Acq On : 07 Oct 2021 17:24
Operator : JC/MD
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ALS Vial : 20 Sample Multiplier: 1

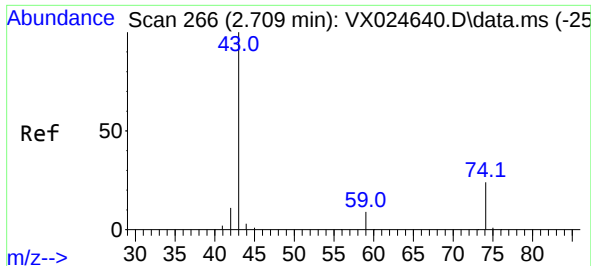
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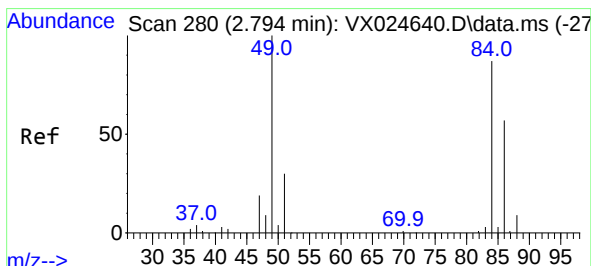
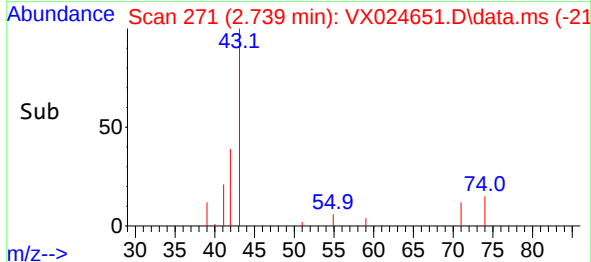
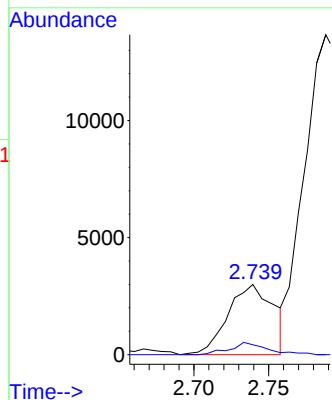
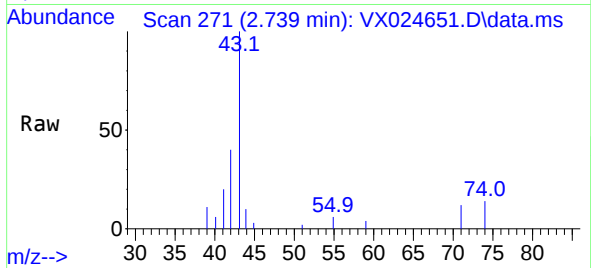
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
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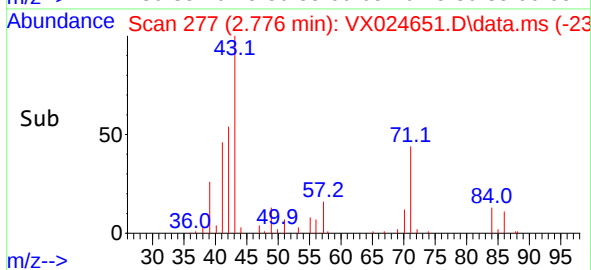
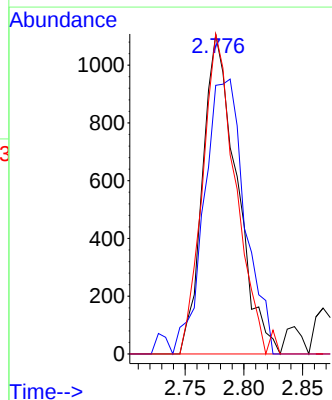
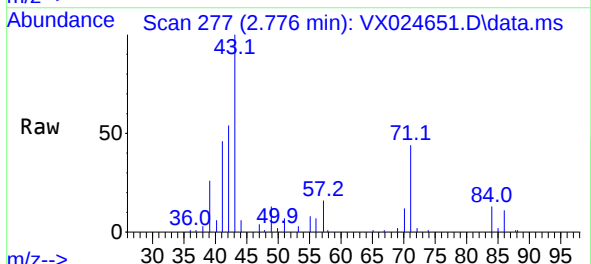
#15
Methyl Acetate
Concen: 3.62 ug/L
RT: 2.739 min Scan# 271
Delta R.T. 0.031 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 43 Resp: 6382
Ion Ratio Lower Upper
43 100
74 14.2 21.7 32.5#



#16
Methylene chloride
Concen: 1.47 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

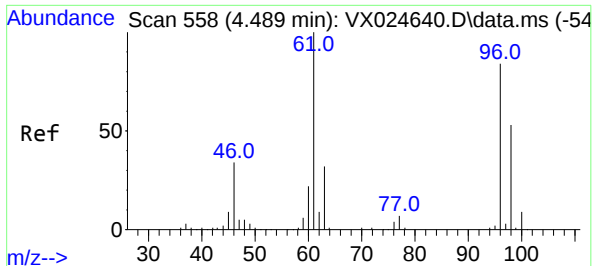
Tgt Ion: 84 Resp: 2229
Ion Ratio Lower Upper
84 100
86 84.2 44.2 82.0#
49 100.3 77.8 144.6



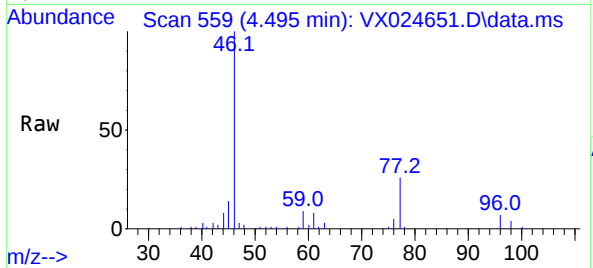
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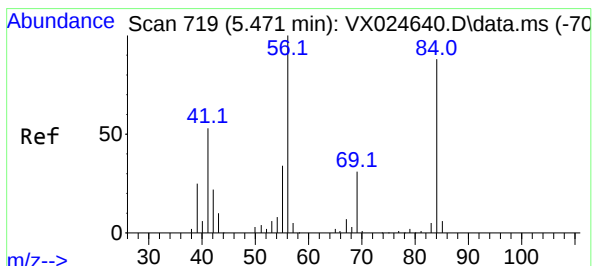
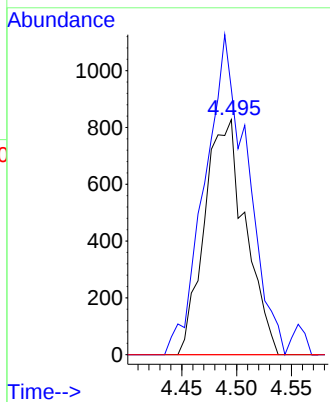
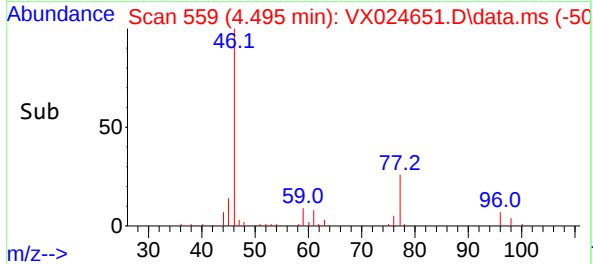
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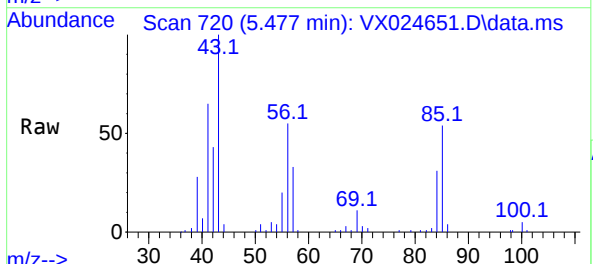
#20
cis-1,2-Dichloroethene
Concen: 1.33 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24



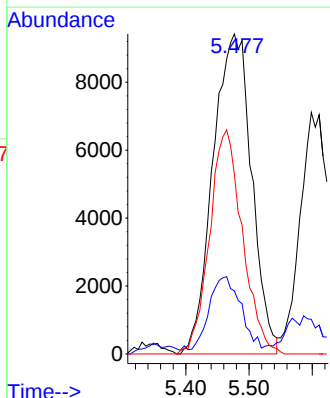
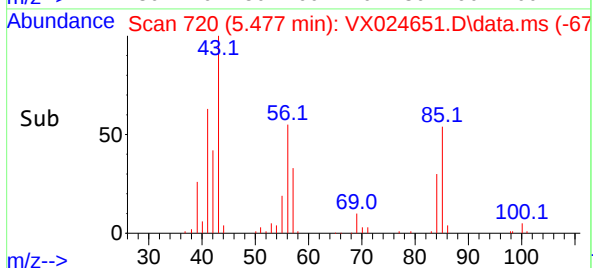
Tgt Ion: 96 Resp: 2153
Ion Ratio Lower Upper
96 100
61 113.0 87.8 163.0
68 0.0 0.0 0.0



#29
Cyclohexane
Concen: 14.68 ug/L m
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24



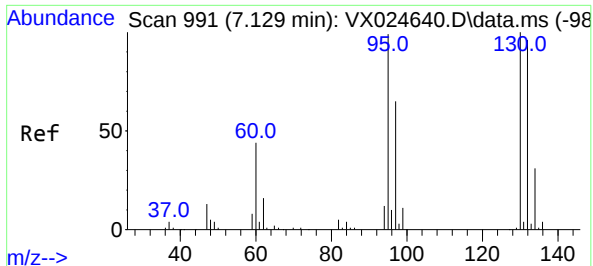
Tgt Ion: 56 Resp: 40065
Ion Ratio Lower Upper
56 100
69 20.5 25.7 38.5#
84 59.1 72.4 108.6#



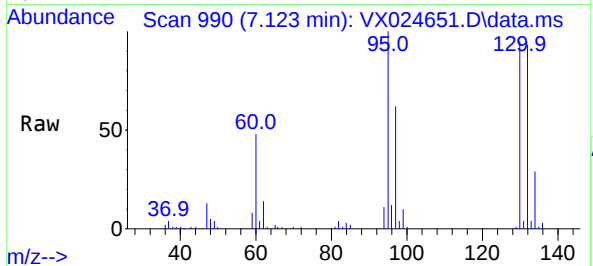
Instrument :
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ClientSampleId :
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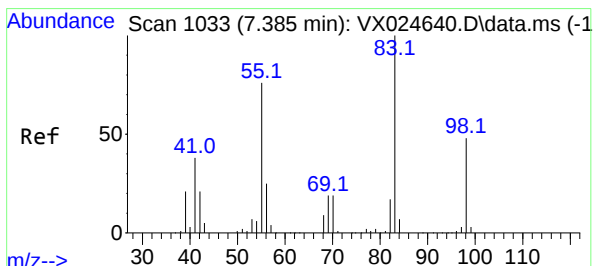
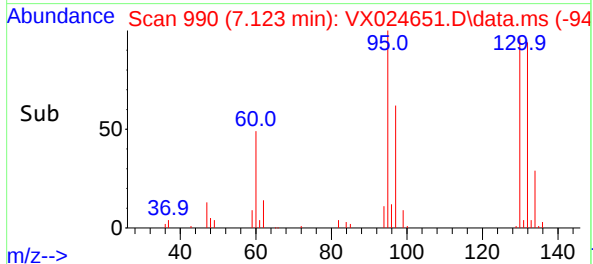
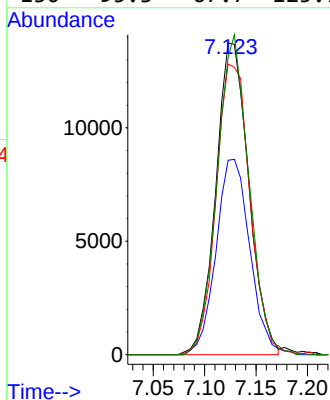
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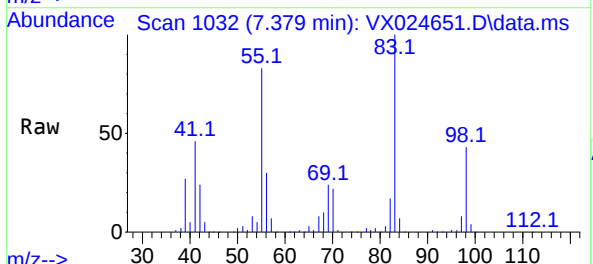
#34
Trichloroethene
Concen: 16.39 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24



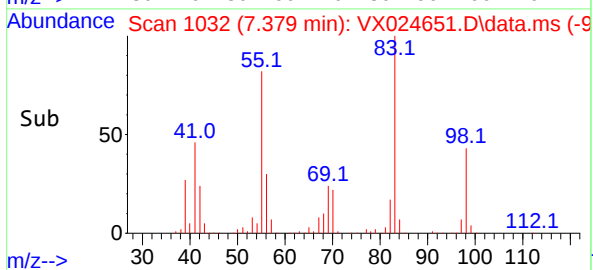
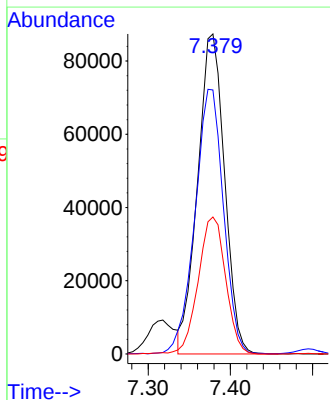
Tgt Ion: 95 Resp: 30668
Ion Ratio Lower Upper
95 100
97 62.3 44.5 82.7
132 93.2 65.2 121.0
130 95.3 67.7 125.7



#35
Methylcyclohexane
Concen: 66.90 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24



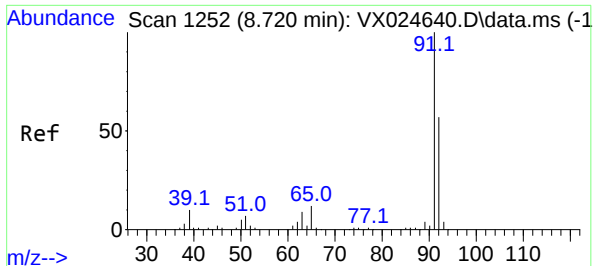
Tgt Ion: 83 Resp: 198953
Ion Ratio Lower Upper
83 100
55 87.5 61.2 91.8
98 43.4 38.7 58.1



Instrument :
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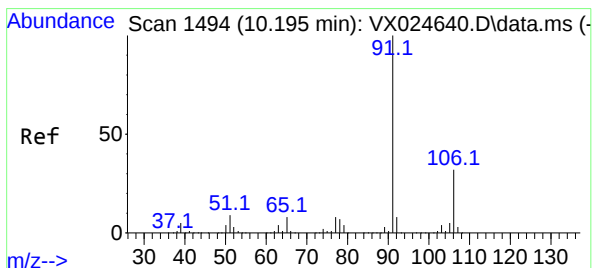
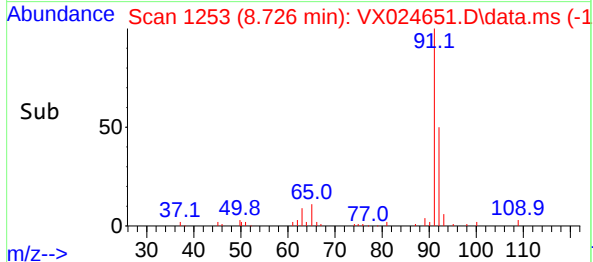
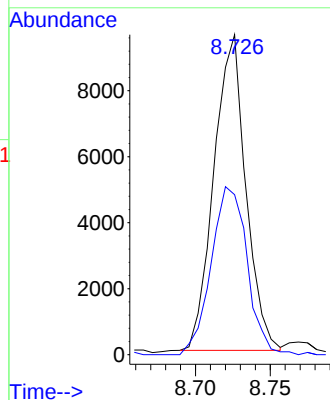
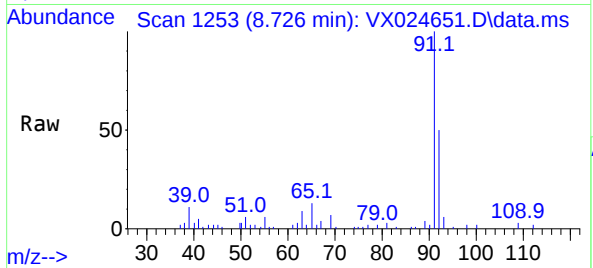
#42
Toluene
Concen: 1.87 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 91 Resp: 14172
Ion Ratio Lower Upper
91 100
92 50.0 40.5 75.1

Instrument :
MSVOA_X
ClientSampleId :
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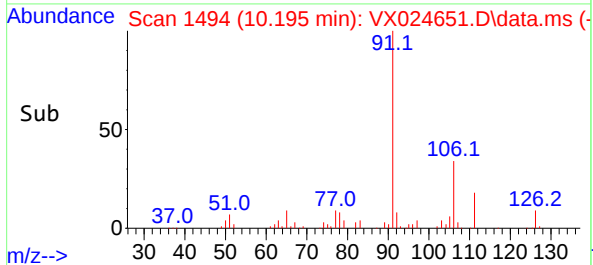
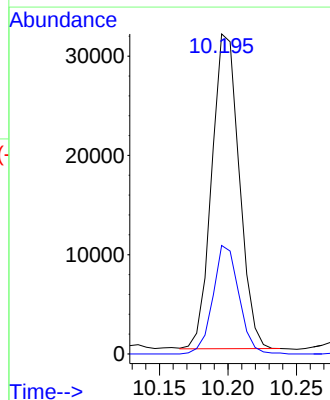
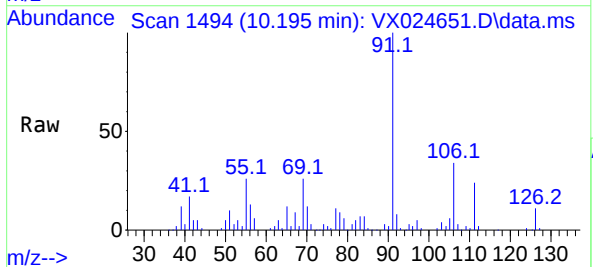
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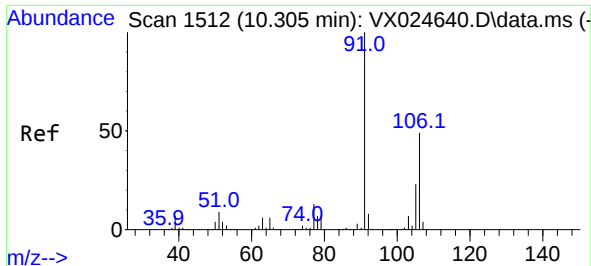
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#52
Ethylbenzene
Concen: 5.66 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion: 91 Resp: 44180
Ion Ratio Lower Upper
91 100
106 33.9 21.0 39.0





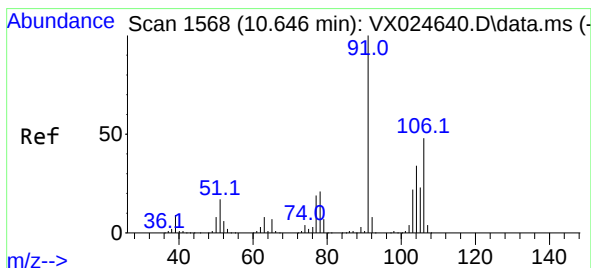
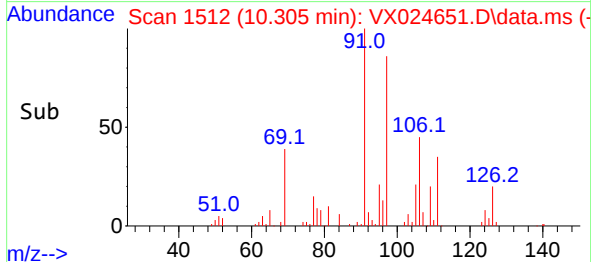
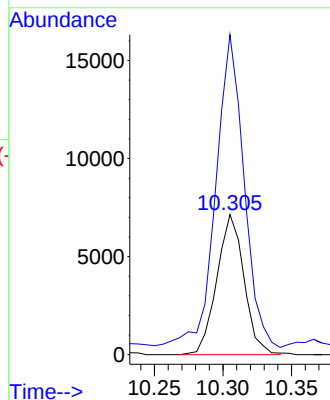
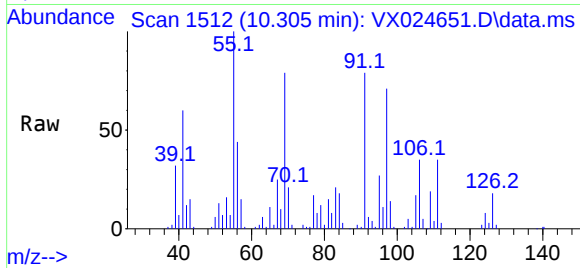
#53
m,p-Xylene
Concen: 3.23 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion:106 Resp: 9855
Ion Ratio Lower Upper
106 100
91 228.2 142.5 264.6

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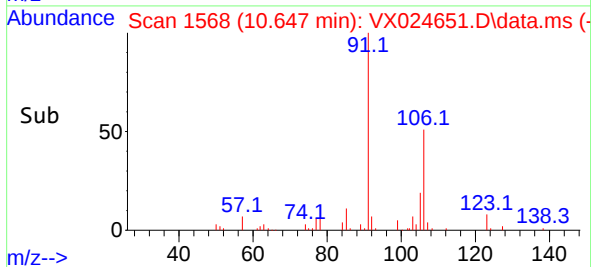
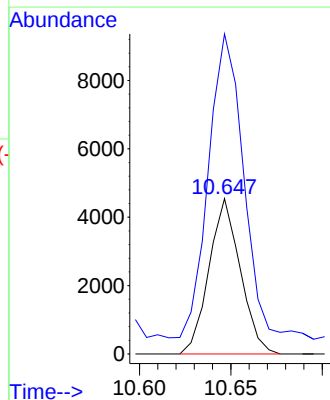
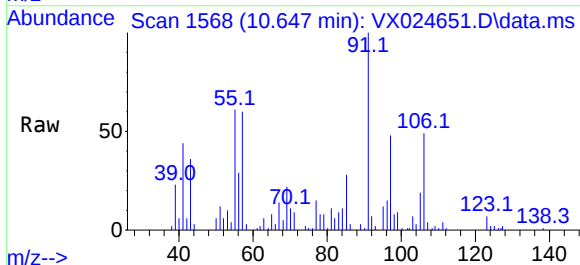
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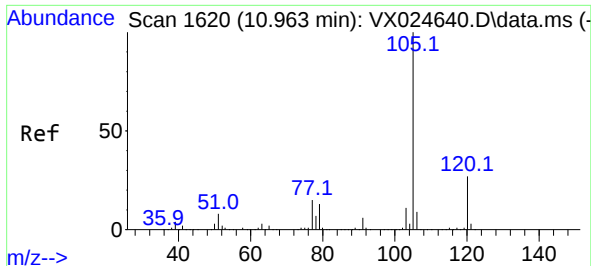
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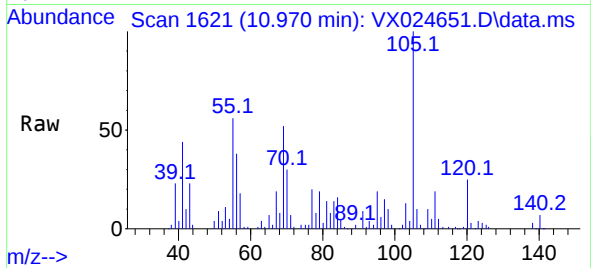
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o-Xylene
Concen: 1.78 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24

Tgt Ion:106 Resp: 5428
Ion Ratio Lower Upper
106 100
91 206.1 156.2 290.0

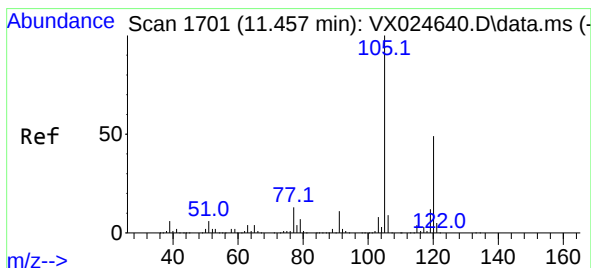
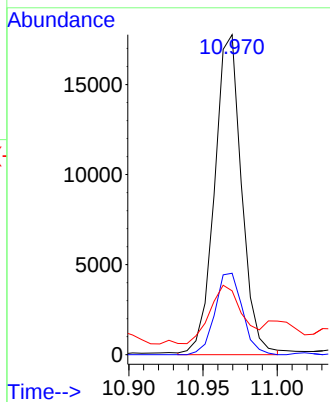
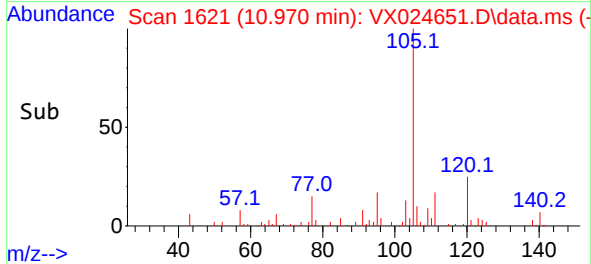




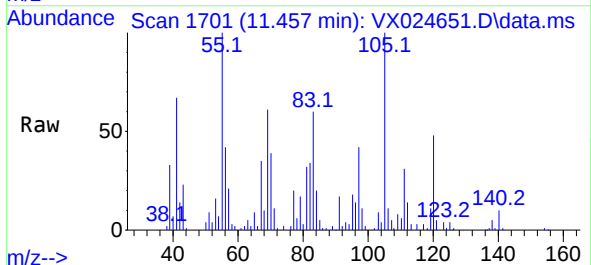
#60
Isopropylbenzene
Concen: 2.74 ug/L m
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24



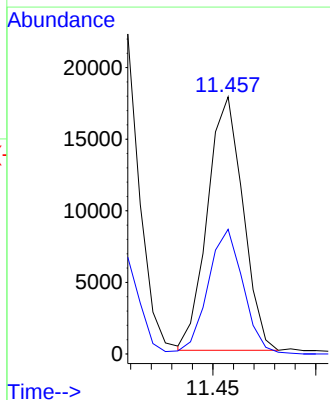
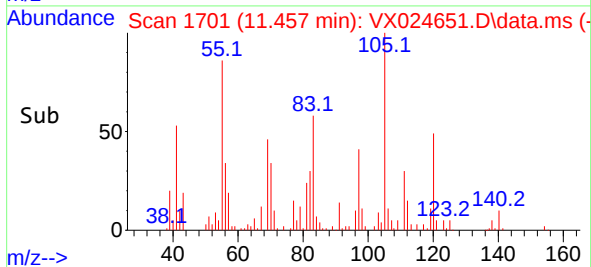
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Ion Ratio Lower Upper
105 100
120 68.5 21.2 31.8#
77 34.2 12.6 18.8#



#62
1,3,5-Trimethylbenzene
Concen: 2.94 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024651.D
Acq: 07 Oct 2021 17:24



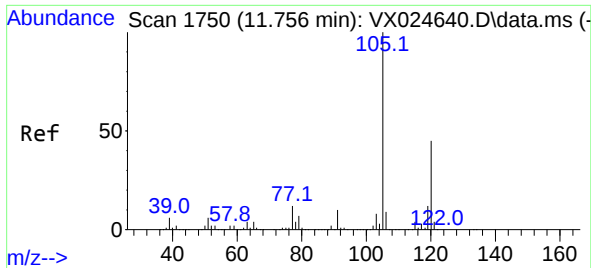
Tgt Ion:105 Resp: 21258
Ion Ratio Lower Upper
105 100
120 49.1 38.0 57.0



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#63
 1,2,4-Trimethylbenzene
 Concen: 2.91 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX024651.D
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Tgt Ion:105 Resp: 20583
 Ion Ratio Lower Upper
 105 100
 120 42.5 36.4 54.6

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