

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025992.D
 Acq On : 24 Dec 2021 00:32
 Operator : JC/MD
 Sample : M5154-08
 Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGL88

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 24 06:48:58 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	217007	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198957	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	78924	51.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.580%			
7) Chloroethane-d5	1.648	69	32257	26.229	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 52.460%#			
11) 1,1-Dichloroethene-d2	2.282	63	126554	41.499	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.000%			
21) 2-Butanone-d5	4.495	46	107796	80.795	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.800%			
24) Chloroform-d	5.062	84	150721	48.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.880%			
26) 1,2-Dichloroethane-d4	5.964	65	109525	52.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.060%			
32) Benzene-d6	5.970	84	326419	57.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.000%			
36) 1,2-Dichloropropane-d6	7.312	67	98205	55.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.340%			
41) Toluene-d8	8.653	98	290008	54.239	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.480%			
43) trans-1,3-Dichloroprop...	8.952	79	28386	36.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.300%			
47) 2-Hexanone-d5	9.403	63	97086	105.676	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.680%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	132939	50.647	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.300%			
66) 1,2-Dichlorobenzene-d4	12.323	152	116770	60.169	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.340%#			
Target Compounds					Qvalue	
13) Acetone	2.422	43	6660m	9.131	ug/L	
20) cis-1,2-Dichloroethene	4.489	96	2864	1.653	ug/L	85
42) Toluene	8.720	91	16087	2.391	ug/L	93
52) Ethylbenzene	10.195	91	149592	20.501	ug/L	94
53) m,p-Xylene	10.305	106	186403	66.920	ug/L	95
54) o-Xylene	10.646	106	46343	16.796	ug/L	86
60) Isopropylbenzene	10.963	105	25359	3.594	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	71363	12.079	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	227530	38.444	ug/L #	80
67) 1,2-Dichlorobenzene	12.341	146	3375	1.084	ug/L #	89
70) 1,2,4-trichlorobenzene	13.591	180	1955	1.039	ug/L #	81

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

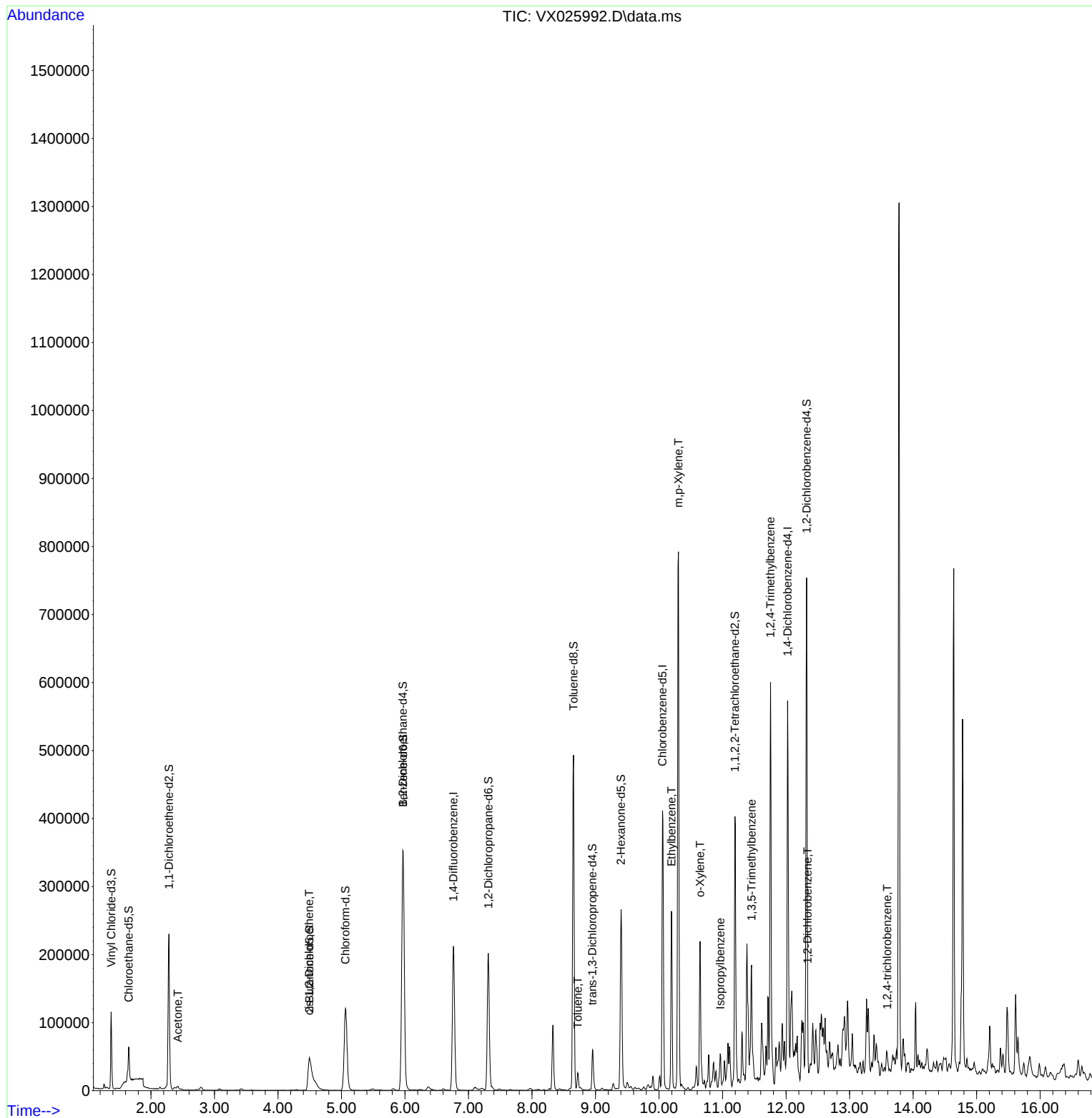
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
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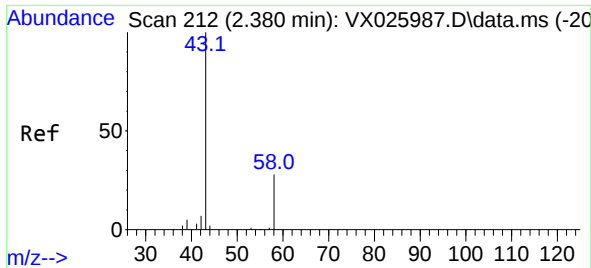
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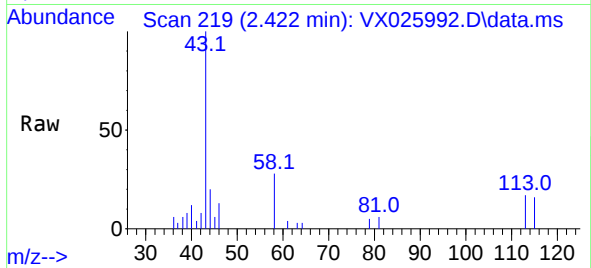
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#13
Acetone
Concen: 9.131 ug/L m
RT: 2.422 min Scan# 21
Delta R.T. 0.043 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32

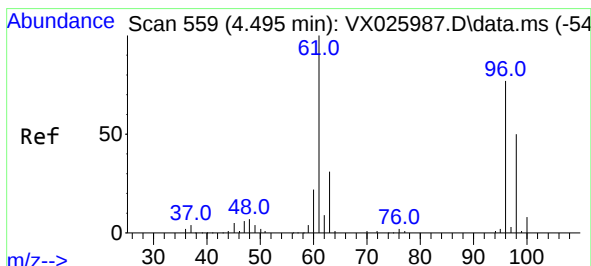
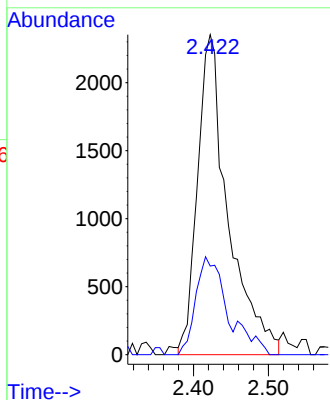
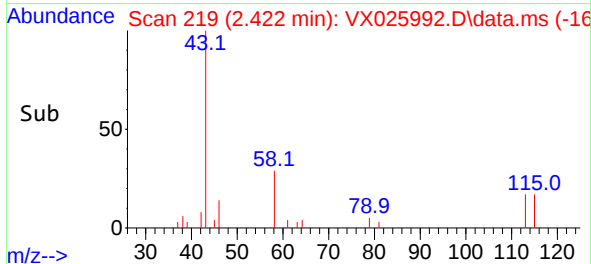
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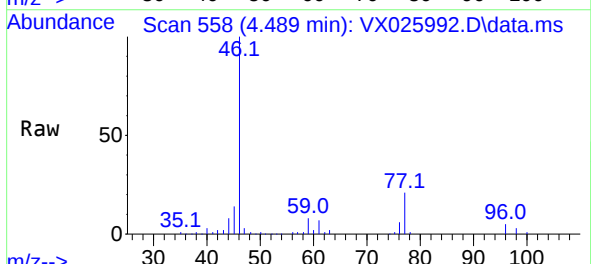
Tgt Ion: 43 Resp: 6660
Ion Ratio Lower Upper
43 100
58 0.6 0.0 65.6

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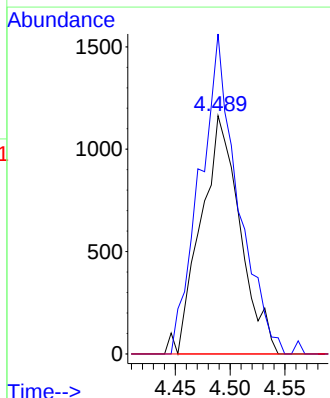
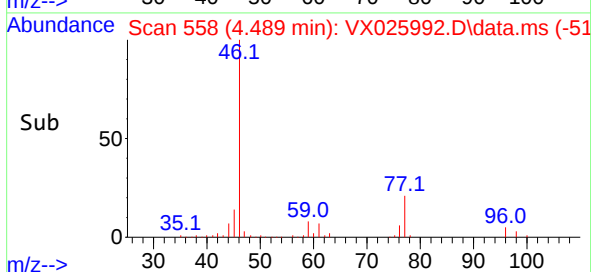
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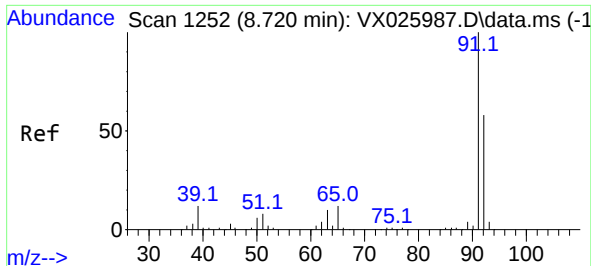


#20
cis-1,2-Dichloroethene
Concen: 1.653 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32



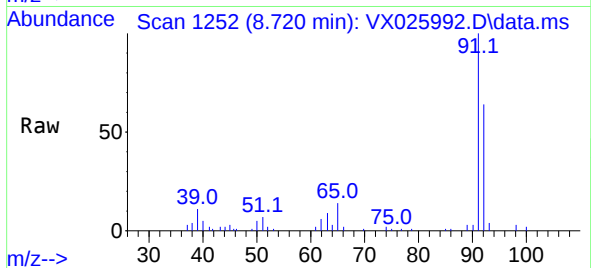
Tgt Ion: 96 Resp: 2864
Ion Ratio Lower Upper
96 100
61 134.3 82.3 152.8
68 0.0 0.0 0.0





#42
Toluene
Concen: 2.391 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32

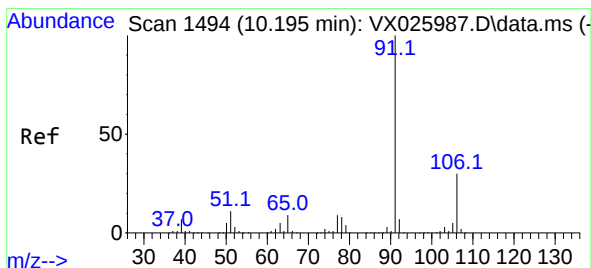
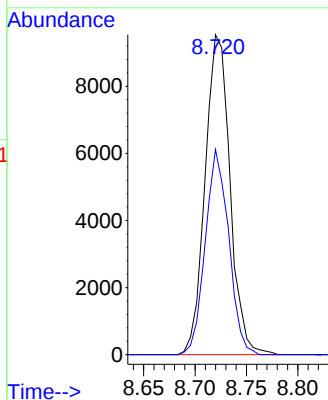
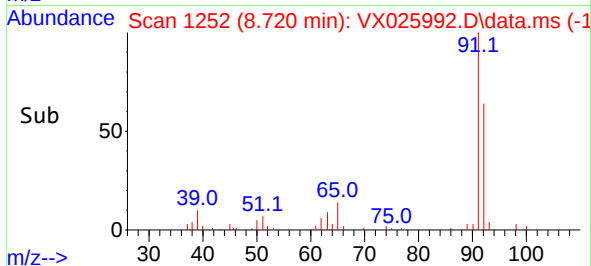
Instrument :
MSVOA_X
ClientSampleId :
BGL88



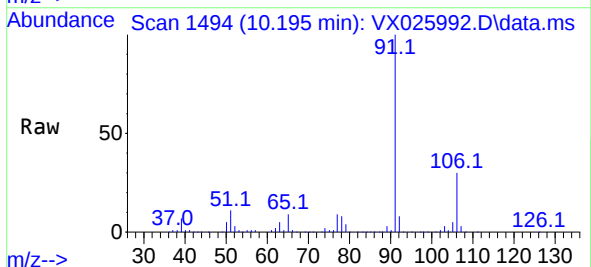
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Ion Ratio Lower Upper
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92 64.1 41.2 76.6

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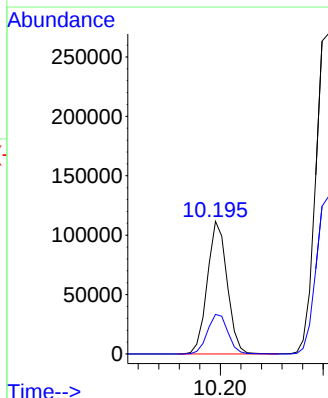
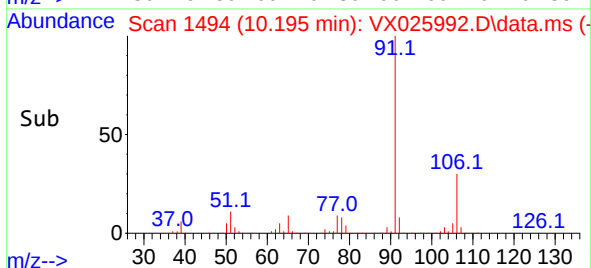
Reviewed By :Semsettin Yesilyurt 12/26/2021
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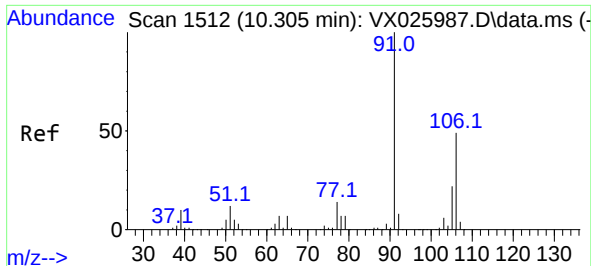


#52
Ethylbenzene
Concen: 20.501 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32



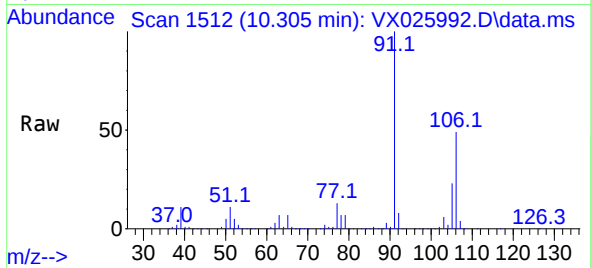
Tgt Ion: 91 Resp: 149592
Ion Ratio Lower Upper
91 100
106 29.8 23.1 42.9





#53
m,p-Xylene
Concen: 66.920 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32

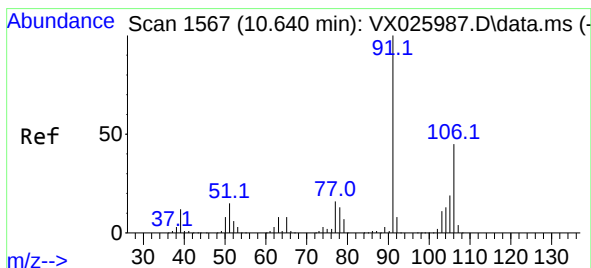
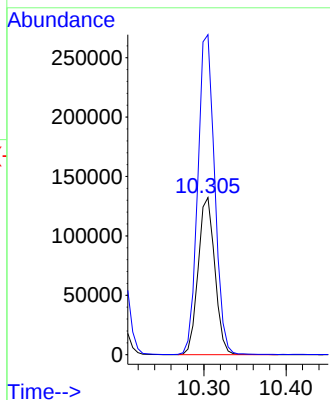
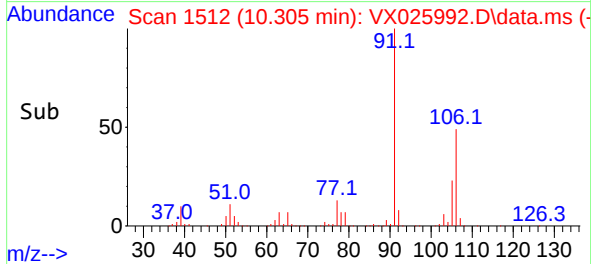
Instrument :
MSVOA_X
ClientSampleId :
BGL88



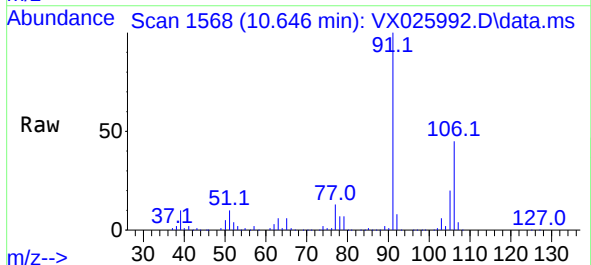
Tgt Ion:106 Resp: 186400
Ion Ratio Lower Upper
106 100
91 203.6 136.8 254.2

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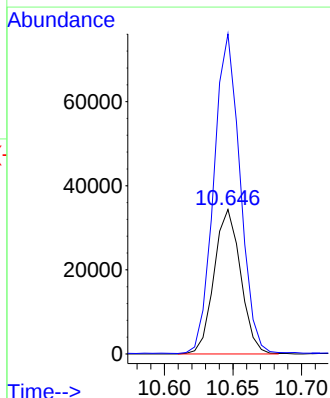
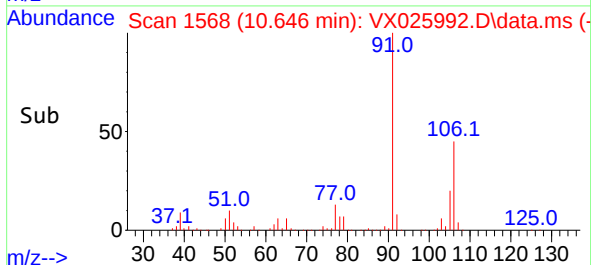
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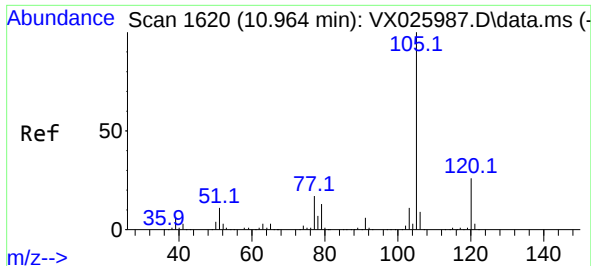


#54
o-Xylene
Concen: 16.796 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32



Tgt Ion:106 Resp: 46343
Ion Ratio Lower Upper
106 100
91 221.4 140.5 260.9





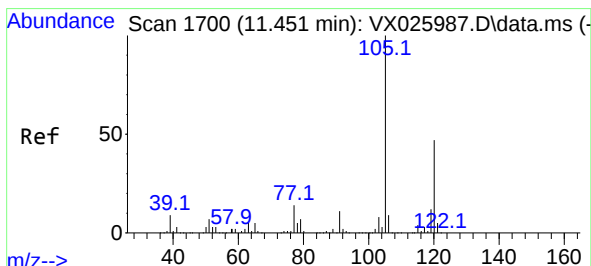
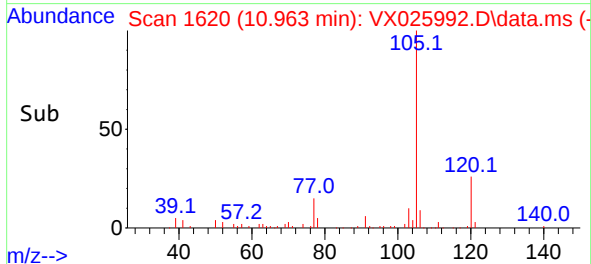
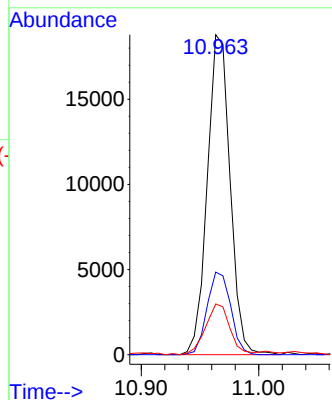
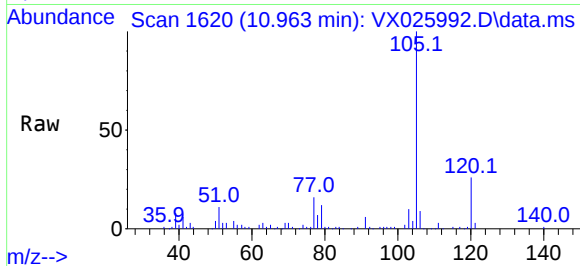
#60
Isopropylbenzene
Concen: 3.594 ug/L
RT: 10.963 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32

Instrument :
MSVOA_X
ClientSampleId :
BGL88

Tgt Ion:105 Resp: 2535
Ion Ratio Lower Upper
105 100
120 26.6 22.3 33.5
77 16.9 11.5 17.3

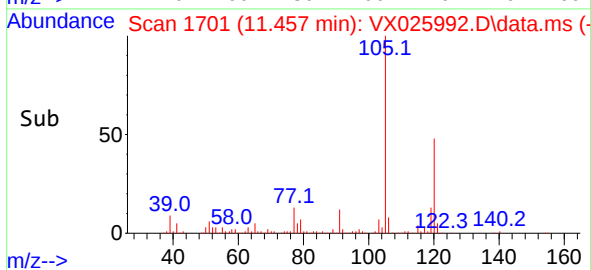
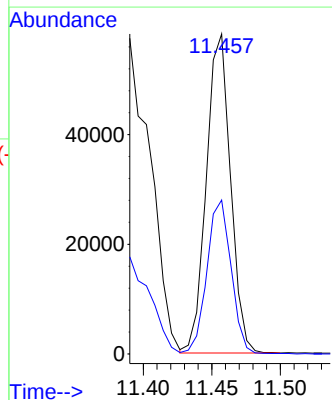
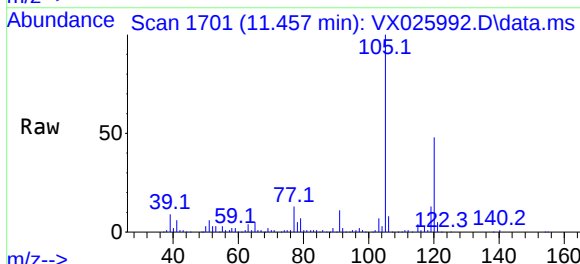
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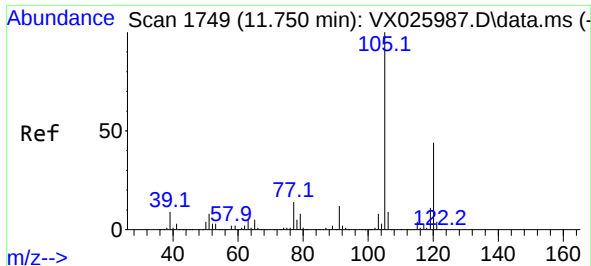
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#62
1,3,5-Trimethylbenzene
Concen: 12.079 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32

Tgt Ion:105 Resp: 71363
Ion Ratio Lower Upper
105 100
120 48.4 41.0 61.4





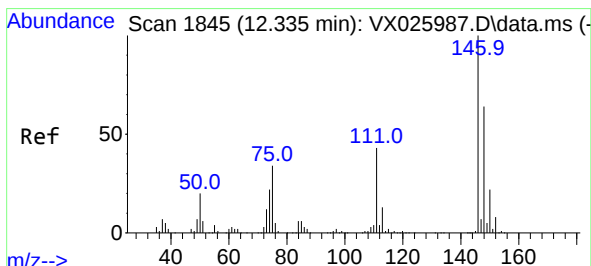
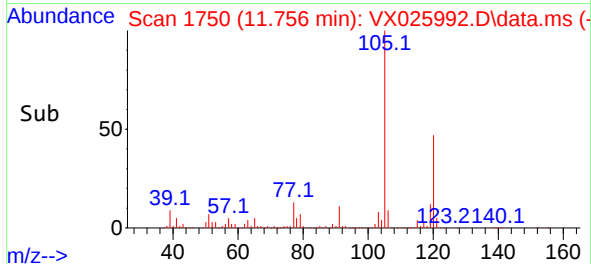
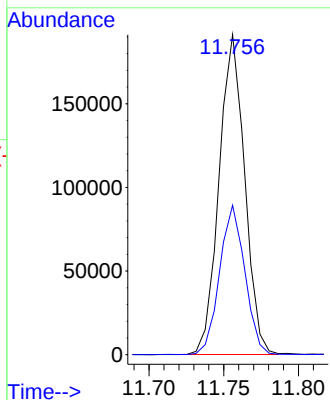
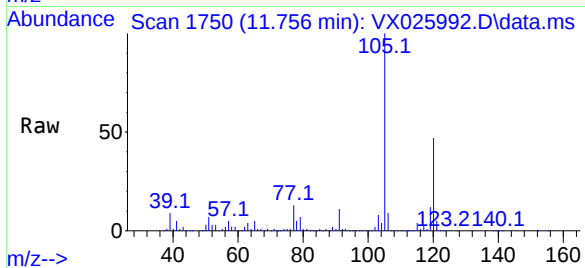
#63
1,2,4-Trimethylbenzene
Concen: 38.444 ug/L
RT: 11.756 min Scan# 11750
Delta R.T. -0.000 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 227530
Ion Ratio Lower Upper
105 100
120 46.0 0.1 0.1

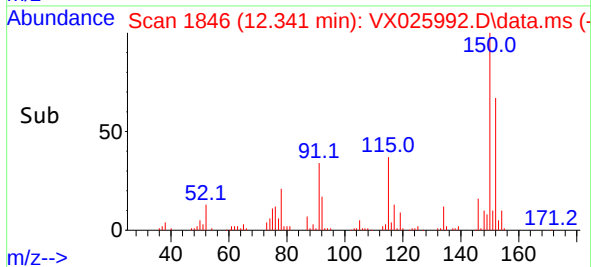
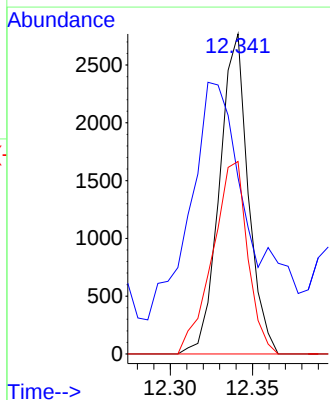
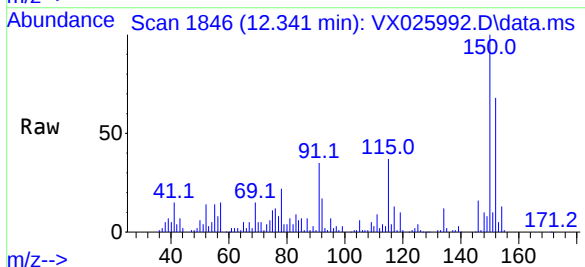
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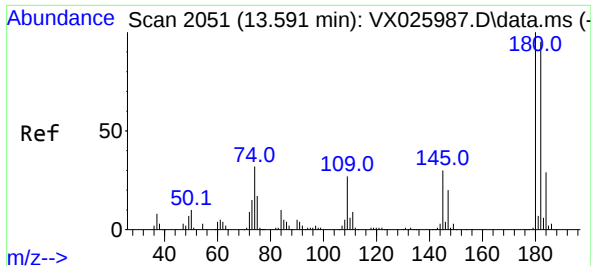
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Supervised By :Mahesh Dadoda 12/28/2021



#67
1,2-Dichlorobenzene
Concen: 1.084 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025992.D
Acq: 24 Dec 2021 00:32

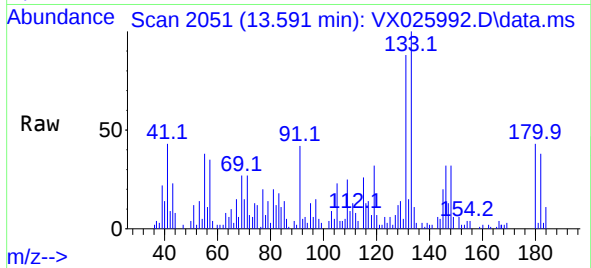
Tgt Ion:146 Resp: 3375
Ion Ratio Lower Upper
146 100
111 55.1 32.3 48.5#
148 60.2 50.3 75.5





#70
 1,2,4-trichlorobenzene
 Concen: 1.039 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX025992.D
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Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:180 Resp: 195
 Ion Ratio Lower Upper
 180 100
 182 105.9 78.2 117.4
 145 59.0 24.7 37.1

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