

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025225.D
 Acq On : 18 Nov 2021 21:31
 Operator : JC/MD
 Sample : M4677-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AA8

Quant Time: Nov 19 05:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

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

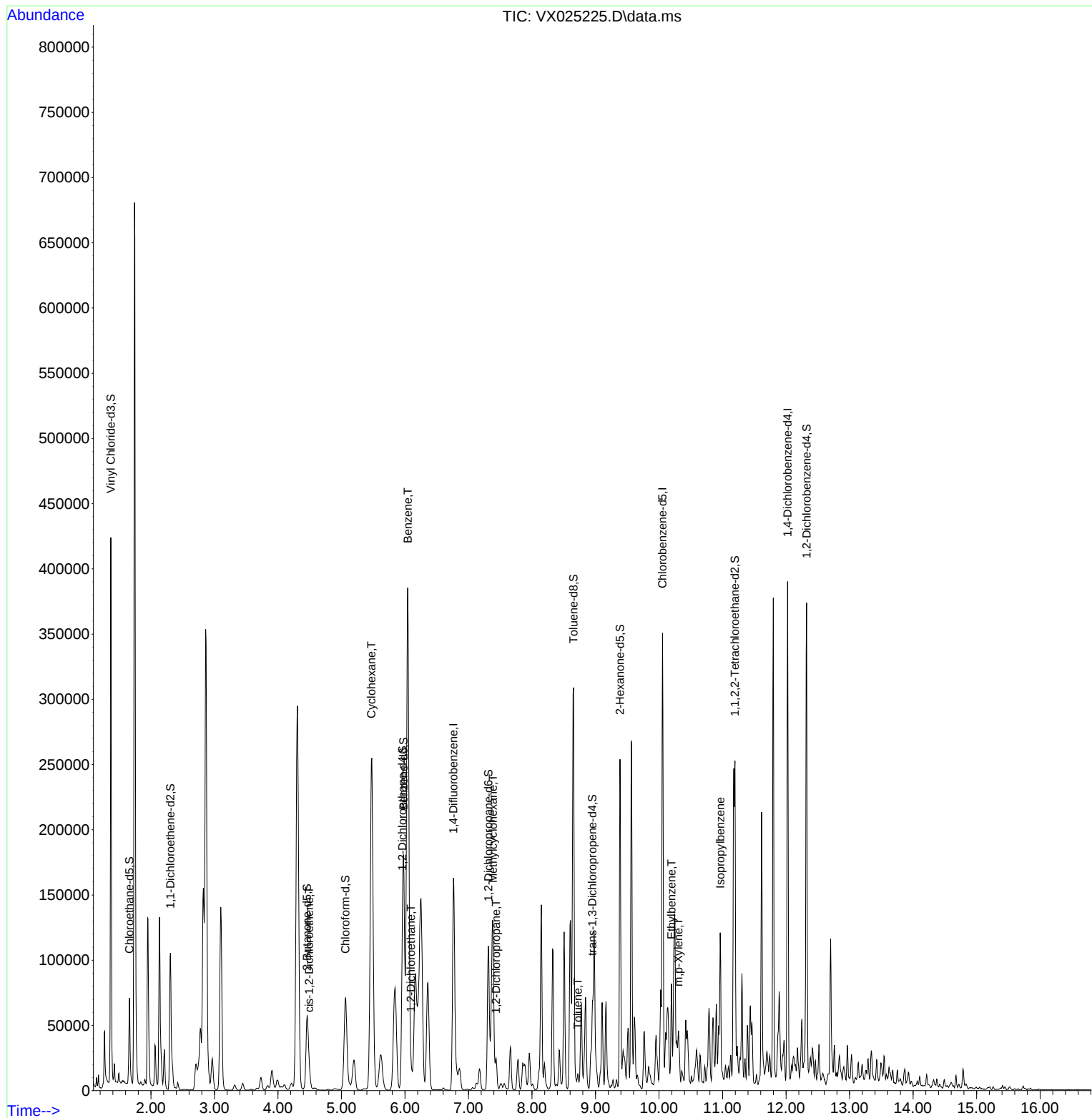
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	174046	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	162110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81656	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45559	38.746	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.500%		
7) Chloroethane-d5	1.660	69	40064	59.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	119.560%		
11) 1,1-Dichloroethene-d2	2.307	63	58193	28.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.560%#		
21) 2-Butanone-d5	4.459	46	92624	104.241	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.240%		
24) Chloroform-d	5.062	84	88719	42.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.780%		
26) 1,2-Dichloroethane-d4	5.958	65	56606	45.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.300%		
32) Benzene-d6	5.977	84	183318	41.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.860%		
36) 1,2-Dichloropropane-d6	7.312	67	57054	42.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.460%		
41) Toluene-d8	8.653	98	173467	41.055	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.100%		
43) trans-1,3-Dichloroprop...	8.952	79	30039	40.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.920%		
47) 2-Hexanone-d5	9.384	63	74755	103.045	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.050%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	87882	45.165	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.320%		
66) 1,2-Dichlorobenzene-d4	12.323	152	71242	44.012	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.020%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.489	96	4360	3.270	ug/L	96
27) 1,2-Dichloroethane	6.092	62	16669	10.880	ug/L #	84
29) Cyclohexane	5.471	56	178538	86.206	ug/L	87
33) Benzene	6.044	78	476846	95.741	ug/L	100
35) Methylcyclohexane	7.385	83	55506	25.220	ug/L #	80
37) 1,2-Dichloropropane	7.434	63	8917	7.147	ug/L	98
42) Toluene	8.720	91	6966	1.288	ug/L	96
52) Ethylbenzene	10.195	91	40630	6.987	ug/L	92
53) m,p-Xylene	10.305	106	5389	2.292	ug/L	76
60) Isopropylbenzene	10.963	105	53862	9.225	ug/L	94

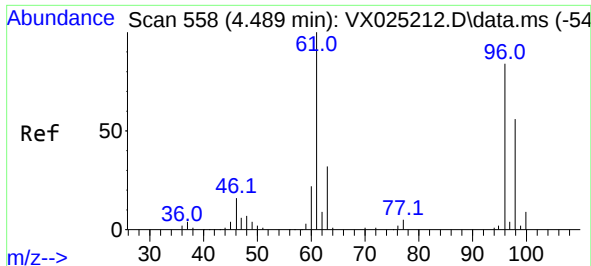
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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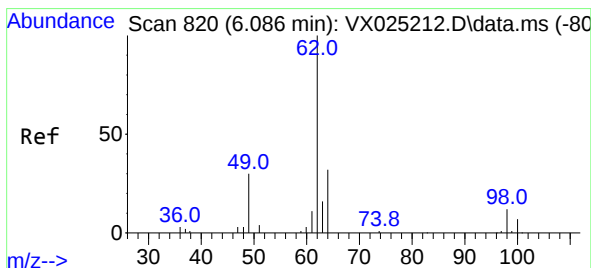
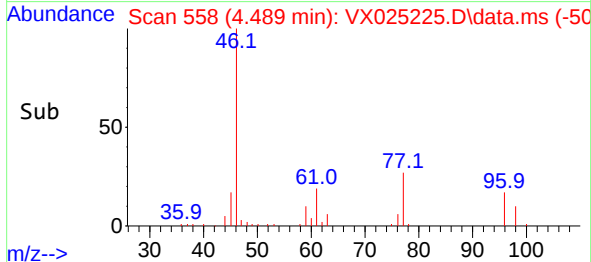
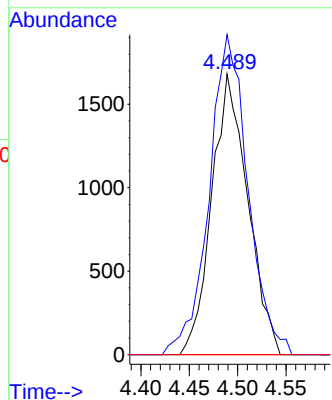
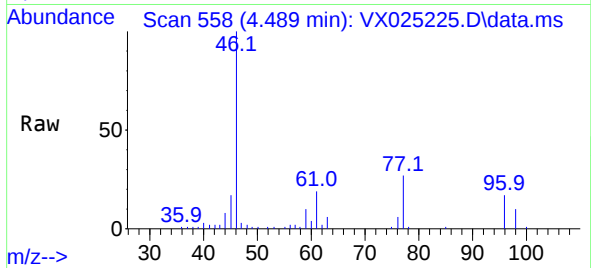




#20
cis-1,2-Dichloroethene
Concen: 3.270 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX025225.D
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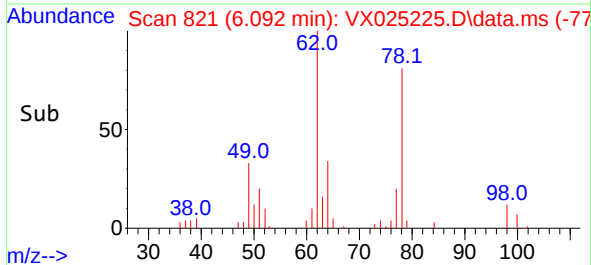
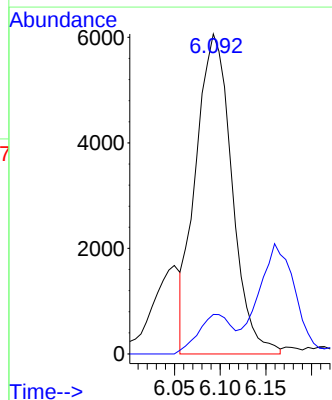
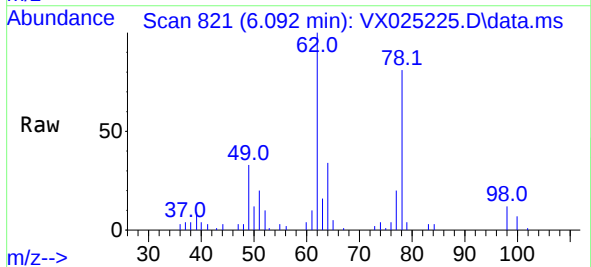
Instrument :
MSVOA_X
ClientSampleId :
H0AA8

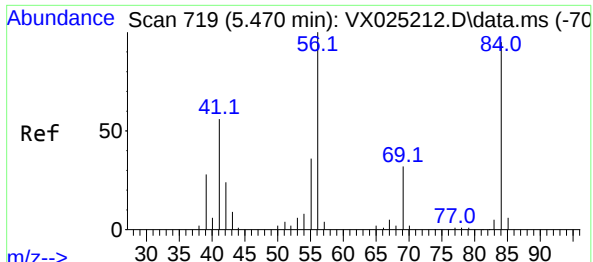
Tgt Ion: 96 Resp: 4360
Ion Ratio Lower Upper
96 100
61 114.0 82.6 153.4
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 10.880 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 62 Resp: 16669
Ion Ratio Lower Upper
62 100
98 12.3 5.5 8.3#

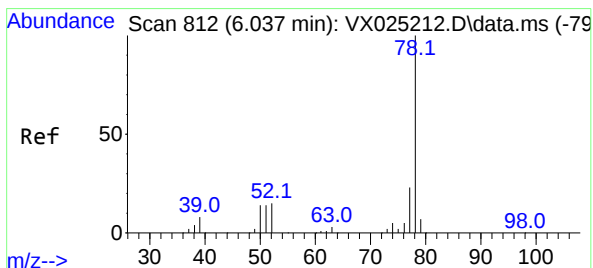
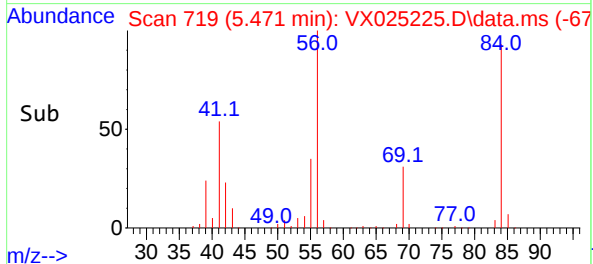
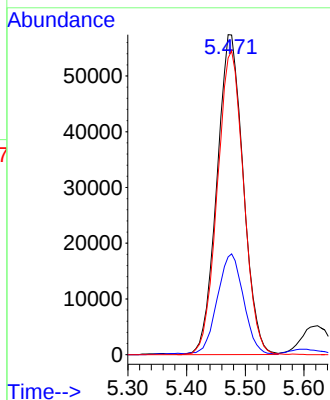
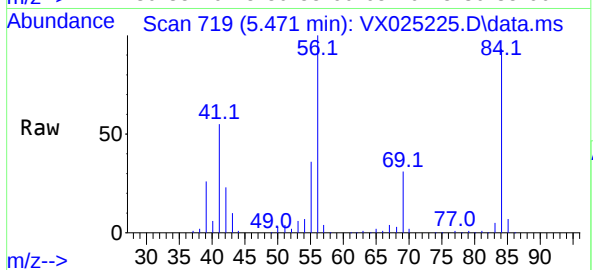




#29
Cyclohexane
Concen: 86.206 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

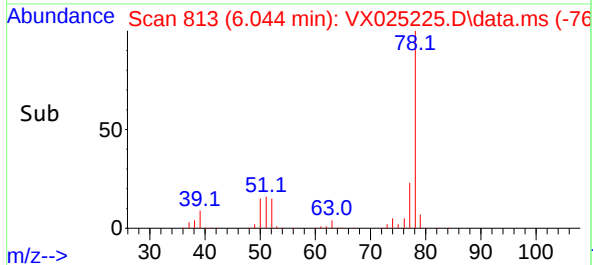
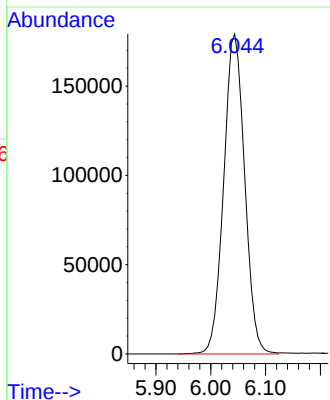
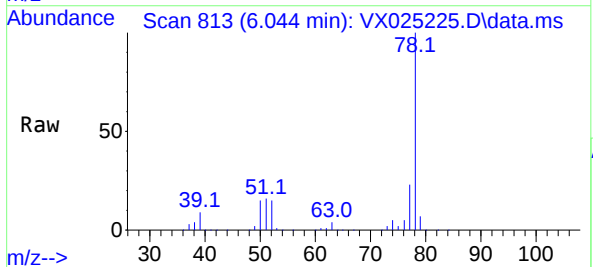
Instrument :
MSVOA_X
ClientSampleId :
H0AA8

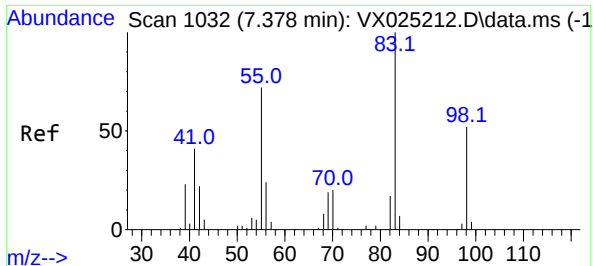
Tgt Ion: 56 Resp: 178538
Ion Ratio Lower Upper
56 100
69 31.5 30.8 46.2
84 94.7 86.8 130.2



#33
Benzene
Concen: 95.741 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 78 Resp: 476846

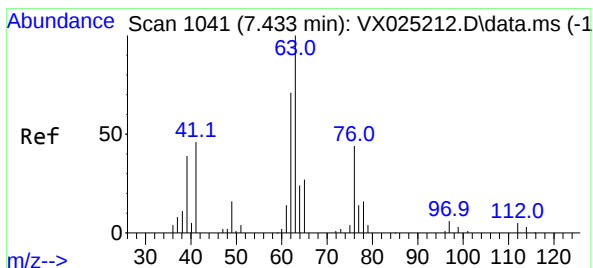
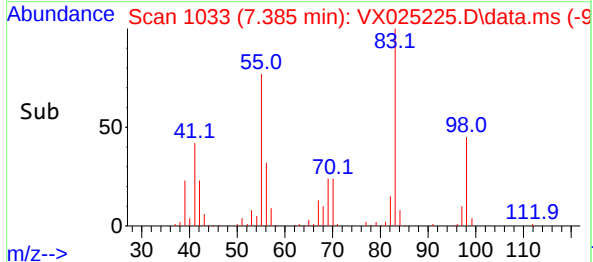
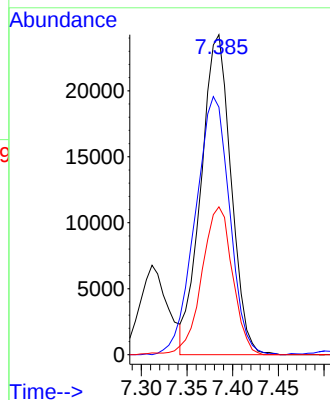
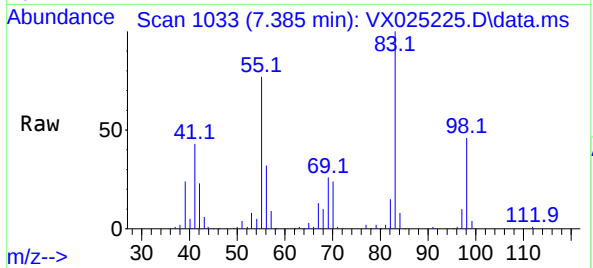




#35
Methylcyclohexane
Concen: 25.220 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

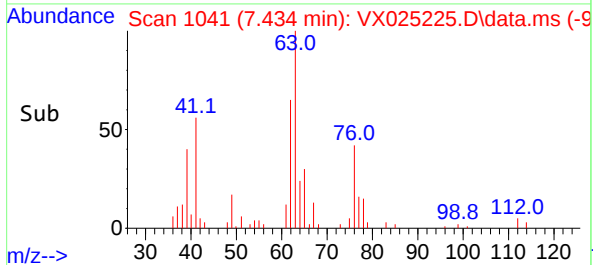
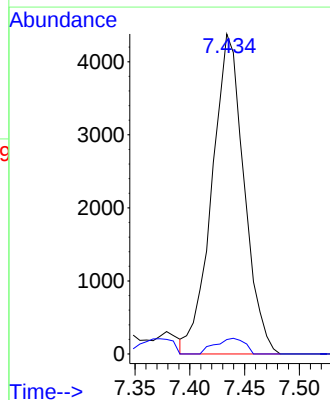
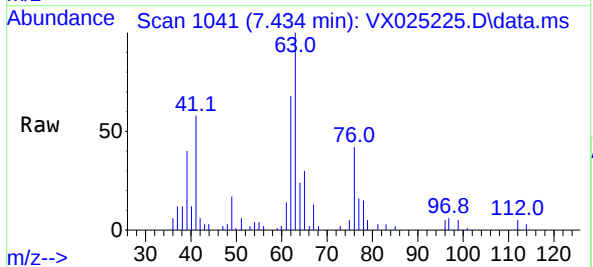
Instrument :
MSVOA_X
ClientSampleId :
H0AA8

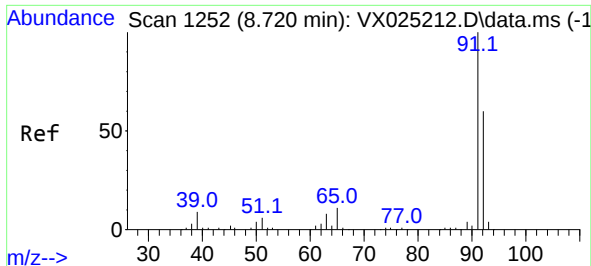
Tgt Ion: 83 Resp: 55506
Ion Ratio Lower Upper
83 100
55 92.2 52.6 79.0#
98 47.1 37.9 56.9



#37
1,2-Dichloropropane
Concen: 7.147 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion: 63 Resp: 8917
Ion Ratio Lower Upper
63 100
112 4.5 4.0 6.0





#42

Toluene

Concen: 1.288 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025225.D

Acq: 18 Nov 2021 21:31

Instrument :

MSVOA_X

ClientSampleId :

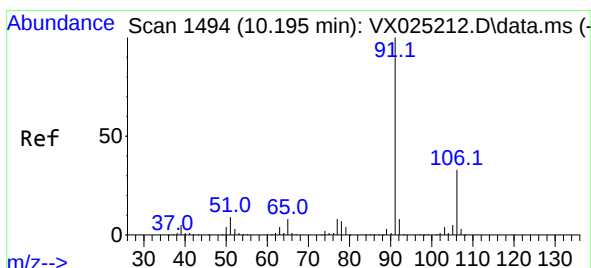
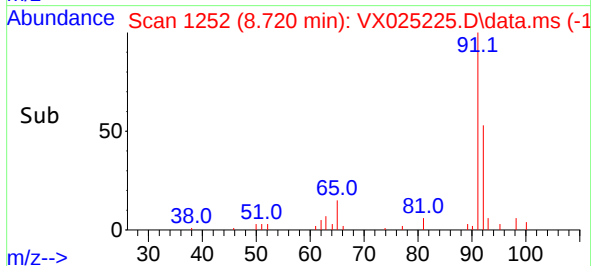
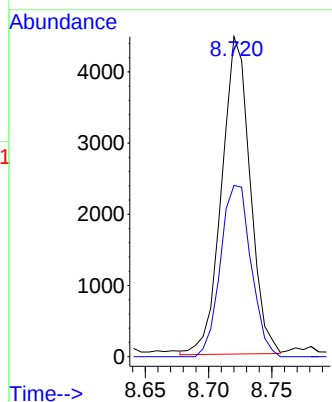
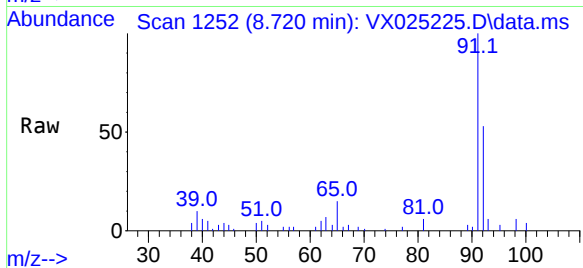
H0AA8

Tgt Ion: 91 Resp: 6966

Ion Ratio Lower Upper

91 100

92 53.5 39.3 72.9



#52

Ethylbenzene

Concen: 6.987 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025225.D

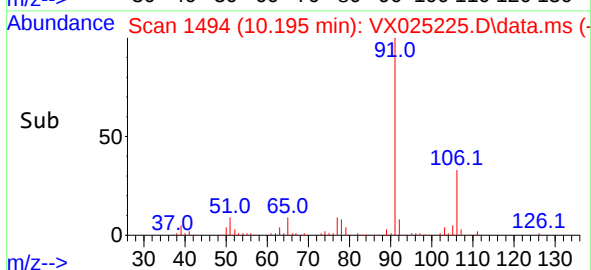
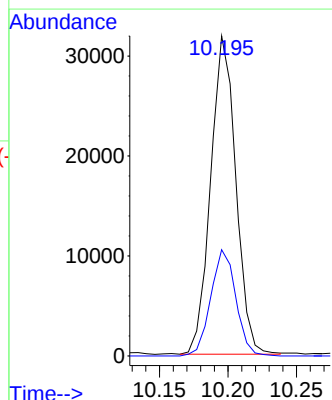
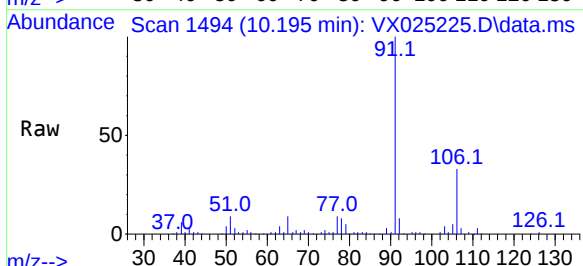
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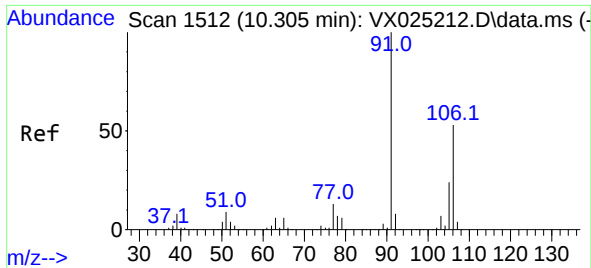
Tgt Ion: 91 Resp: 40630

Ion Ratio Lower Upper

91 100

106 33.2 20.2 37.6

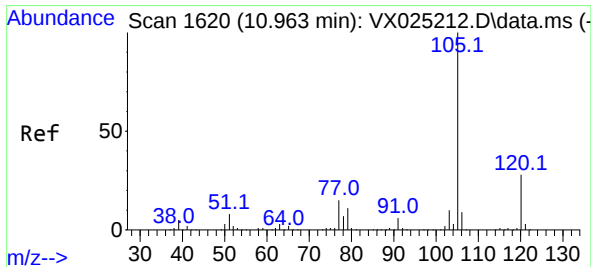
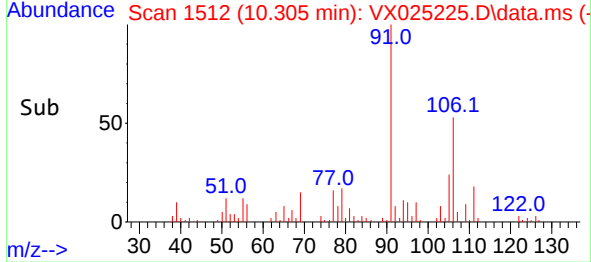
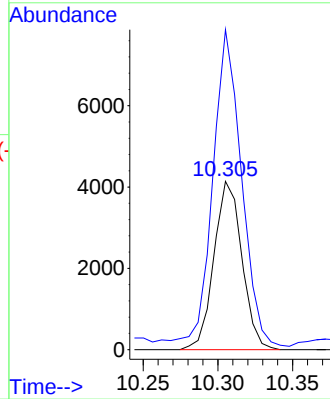
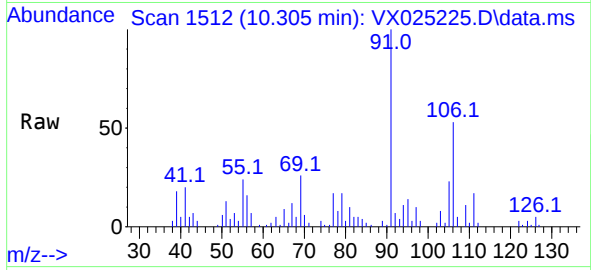




#53
m,p-Xylene
Concen: 2.292 ug/L
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
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Tgt Ion:106 Resp: 5389
Ion Ratio Lower Upper
106 100
91 190.1 160.2 297.6



#60
Isopropylbenzene
Concen: 9.225 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025225.D
Acq: 18 Nov 2021 21:31

Tgt Ion:105 Resp: 53862
Ion Ratio Lower Upper
105 100
120 28.8 19.8 29.6
77 15.6 13.2 19.8

