

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025634.D
 Acq On : 08 Dec 2021 21:03
 Operator : JC/MD
 Sample : M4885-20ME
 Misc : 4.15g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 03:31:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	160255	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	142848	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	74177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	49688	45.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.860%
7) Chloroethane-d5	1.648	69	26807	29.698	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.400%#
11) 1,1-Dichloroethene-d2	2.282	63	72781	41.737	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.480%
21) 2-Butanone-d5	4.489	46	83061	102.025	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.030%
24) Chloroform-d	5.068	84	98832	51.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.420%
26) 1,2-Dichloroethane-d4	5.964	65	65762	55.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.400%
32) Benzene-d6	5.976	84	216385	57.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.320%
36) 1,2-Dichloropropane-d6	7.312	67	67602	57.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.340%
41) Toluene-d8	8.653	98	199049	55.702	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	8.958	79	25961	44.053	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	9.403	63	60480	99.122	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.120%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	87765	52.979	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.960%
66) 1,2-Dichlorobenzene-d4	12.323	152	83546	57.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.860%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.751	43	2795	2.583	ug/L #	99
29) Cyclohexane	5.458	56	7910	5.405	ug/L	91
33) Benzene	6.037	78	3646	0.955	ug/L	100
34) Trichloroethene	7.129	95	127510	127.036	ug/L	99
35) Methylcyclohexane	7.372	83	32899	20.825	ug/L	98
37) 1,2-Dichloropropane	7.312	63	7305	7.632	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2036	1.306	ug/L #	83
42) Toluene	8.720	91	28117	6.681	ug/L	97
44) trans-1,3-Dichloropropene	8.958	75	1183	0.790	ug/L #	69
45) 1,1,2-Trichloroethane	9.104	97	1220	1.201	ug/L #	15
46) Tetrachloroethene	9.275	164	2301	2.703	ug/L	94
49) Dibromochloromethane	9.275	129	2153	1.839	ug/L #	12
52) Ethylbenzene	10.201	91	8391	1.855	ug/L	92
53) m,p-Xylene	10.305	106	13586	7.415	ug/L	96
54) o-Xylene	10.646	106	13737	7.490	ug/L	87
60) Isopropylbenzene	10.969	105	8078	1.695	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	4524	1.135	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	19402	4.816	ug/L #	80
71) Naphthalene	13.780	128	48859	10.769	ug/L	99

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 09 03:31:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration

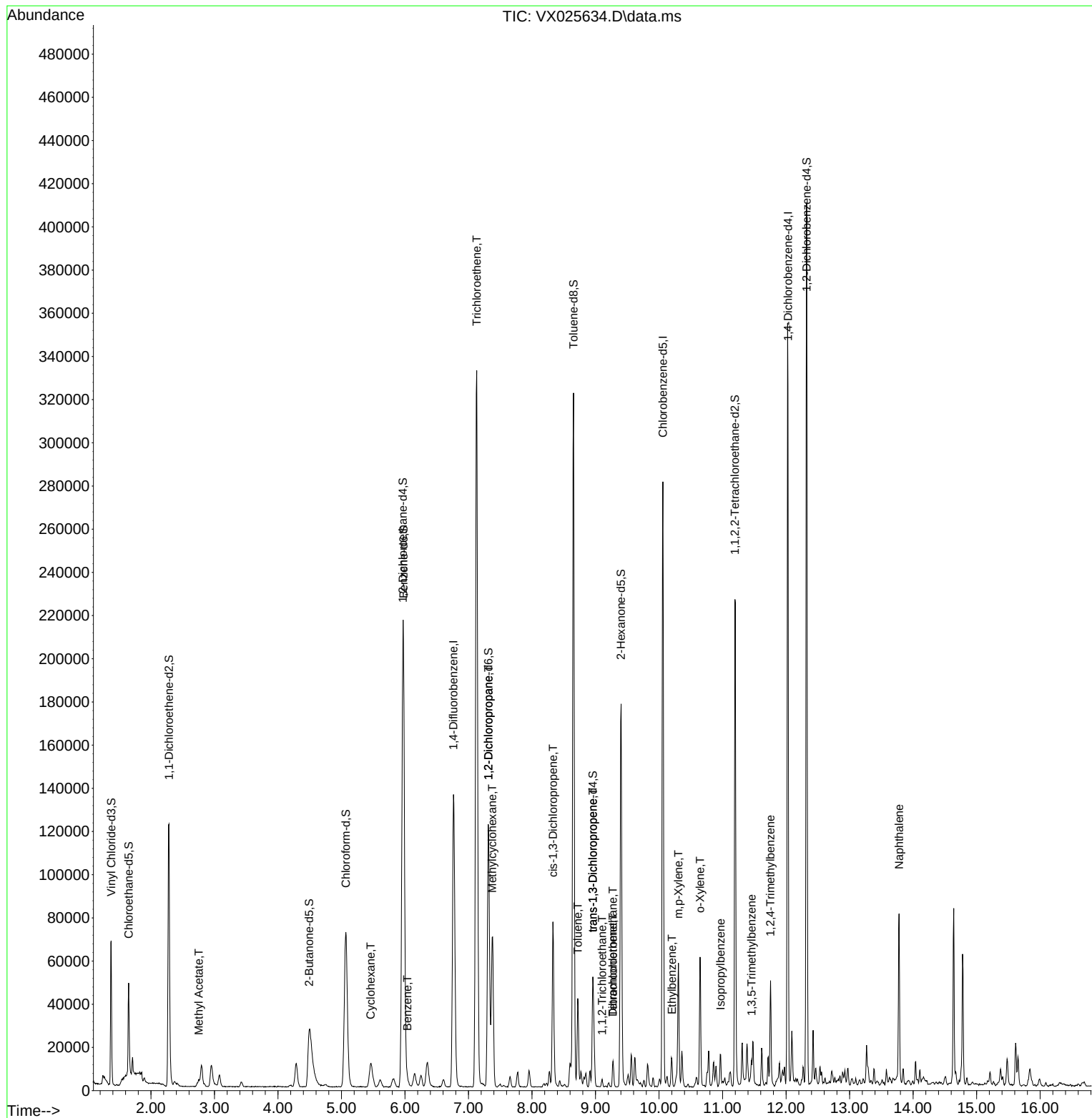
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

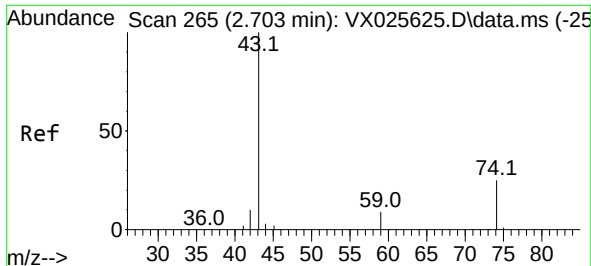
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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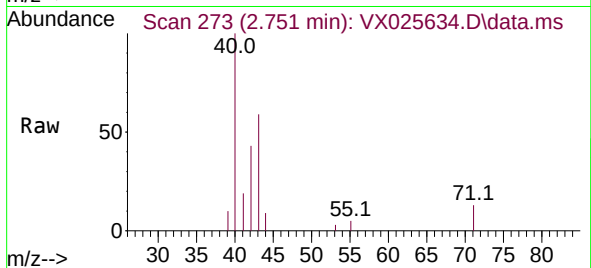
Quant Time: Dec 09 03:31:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration



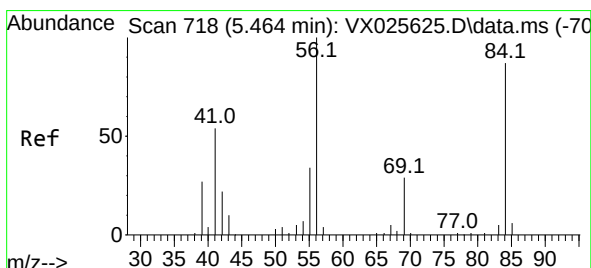
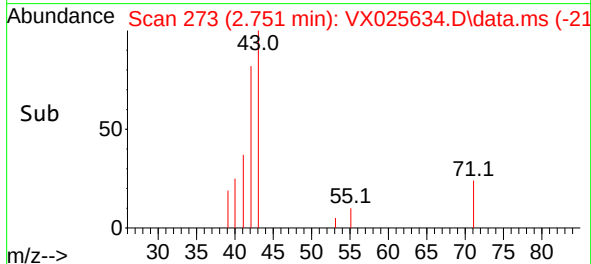
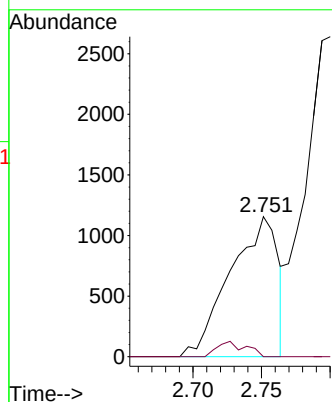


#15
Methyl Acetate
Concen: 2.583 ug/L
RT: 2.751 min Scan# 21
Delta R.T. 0.049 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Instrument :
MSVOA_X
ClientSampleId :

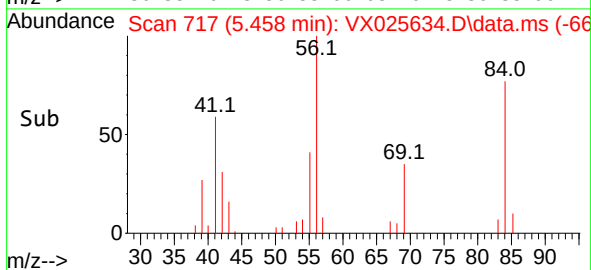
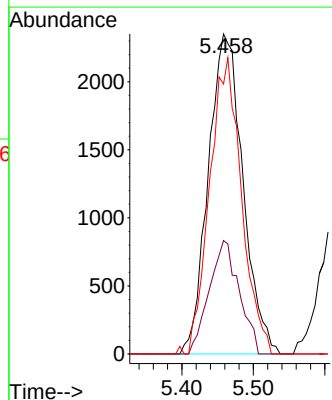
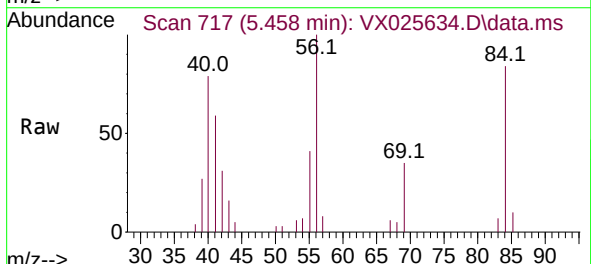


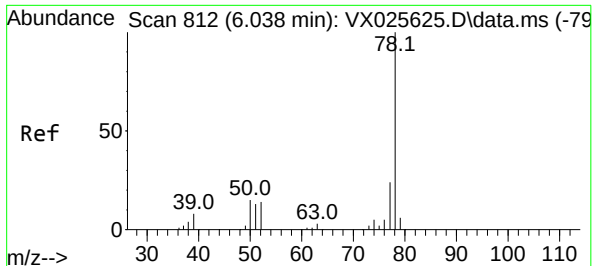
Tgt Ion: 43 Resp: 2795
Ion Ratio Lower Upper
43 100
74 2.0 0.1 0.1#



#29
Cyclohexane
Concen: 5.405 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion: 56 Resp: 7910
Ion Ratio Lower Upper
56 100
69 30.6 25.4 38.2
84 84.8 76.6 114.8

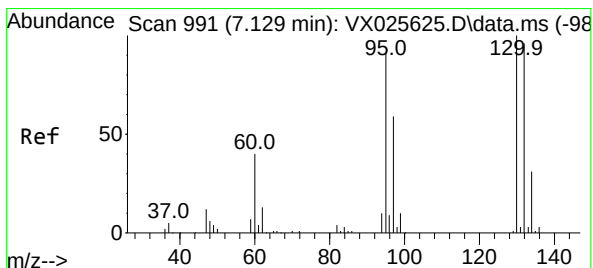
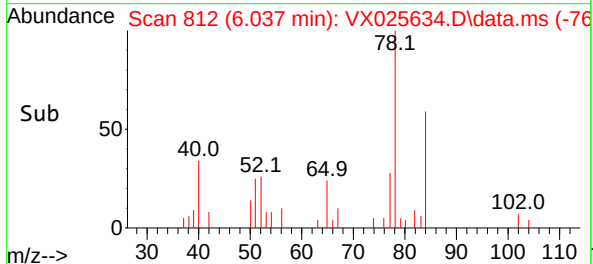
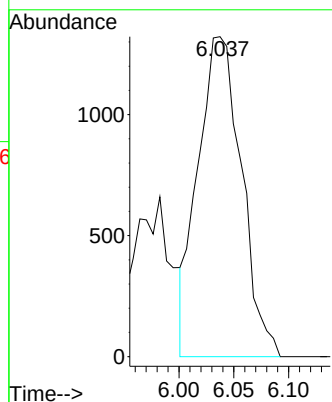
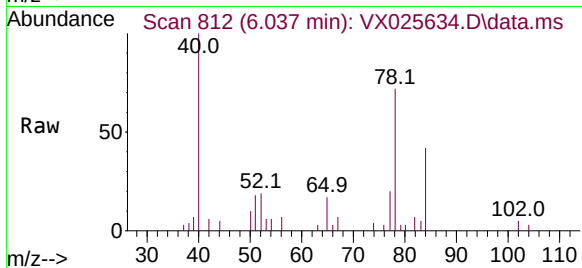




#33
Benzene
Concen: 0.955 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Instrument :
MSVOA_X
ClientSampleId :

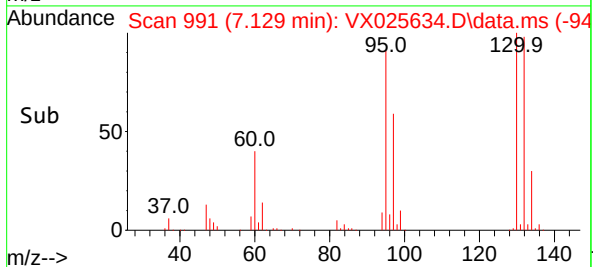
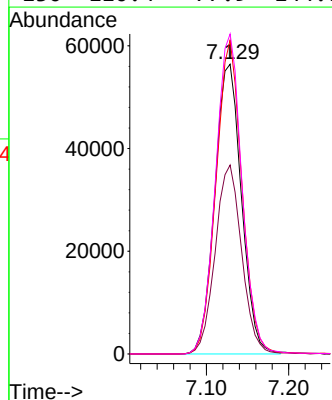
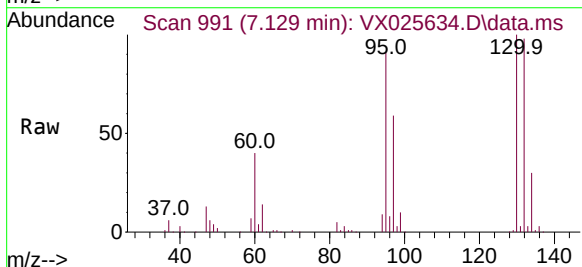
Tgt Ion: 78 Resp: 3646

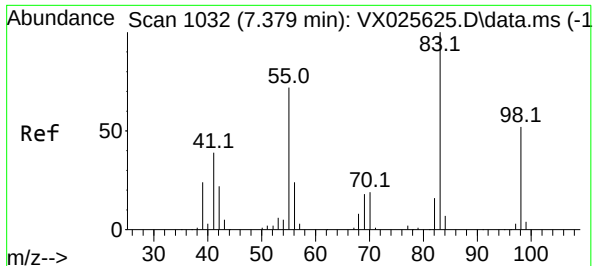


#34
Trichloroethene
Concen: 127.036 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion: 95 Resp: 127510

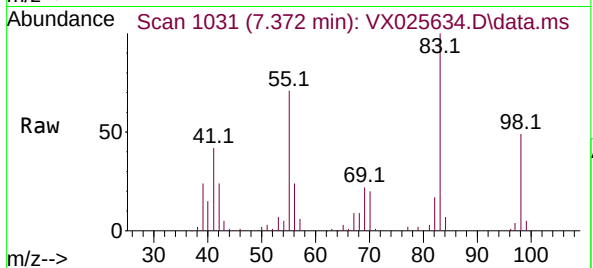
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.0	85.4
132	108.3	75.0	139.2
130	110.4	77.9	144.7



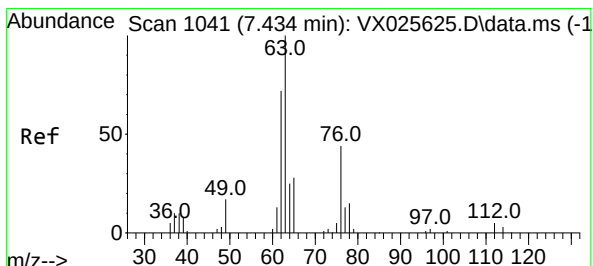
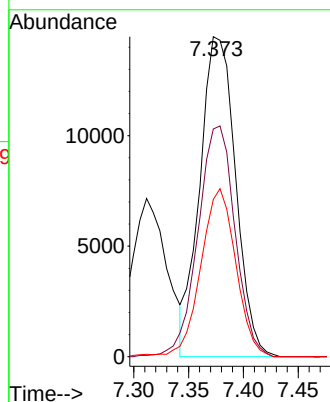
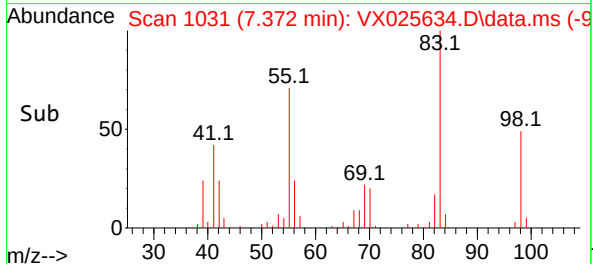


#35
Methylcyclohexane
Concen: 20.825 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Instrument :
MSVOA_X
ClientSampleId :

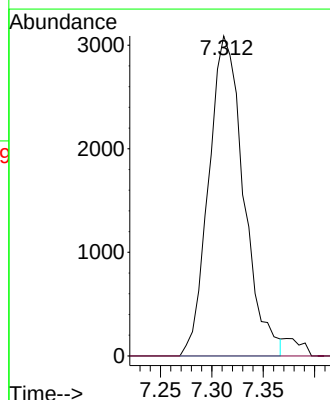
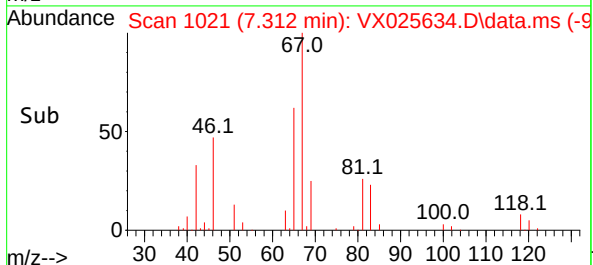
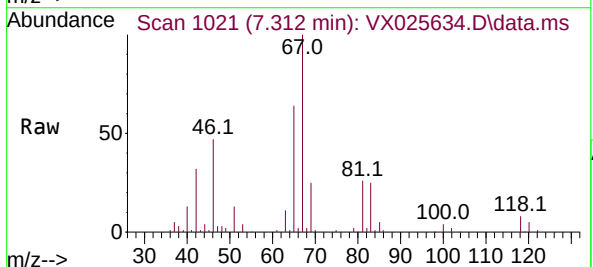


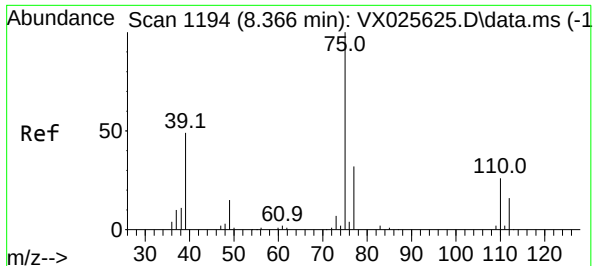
Tgt Ion: 83 Resp: 32899
Ion Ratio Lower Upper
83 100
55 74.7 57.3 85.9
98 50.9 41.1 61.7



#37
1,2-Dichloropropane
Concen: 7.632 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion: 63 Resp: 7305
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.306 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025634.D

Acq: 08 Dec 2021 21:03

Instrument :

MSVOA_X

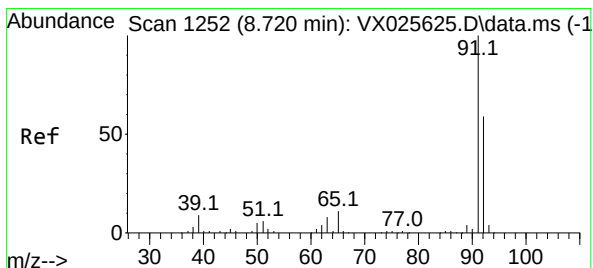
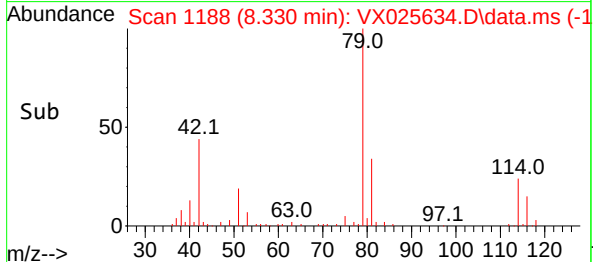
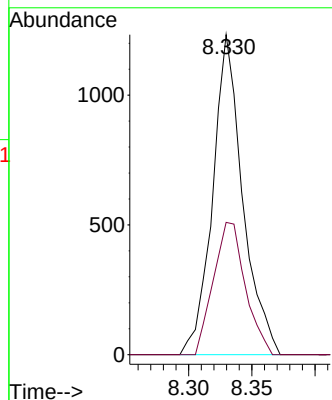
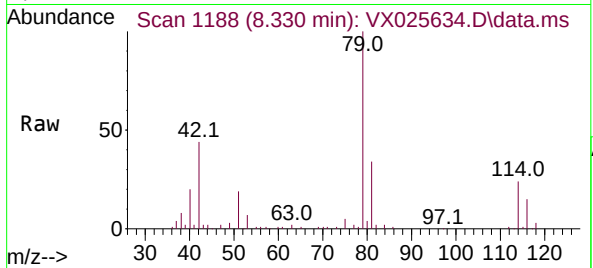
ClientSampleId :

Tgt Ion: 75 Resp: 2036

Ion Ratio Lower Upper

75 100

77 41.4 22.3 41.3#



#42

Toluene

Concen: 6.681 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025634.D

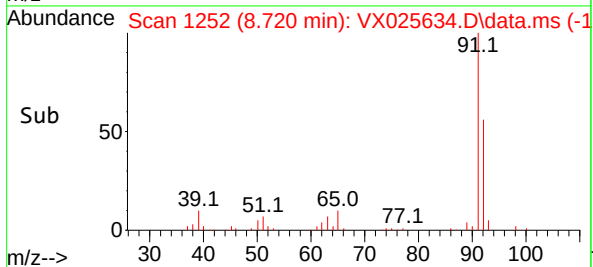
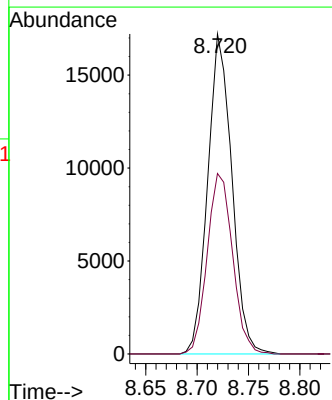
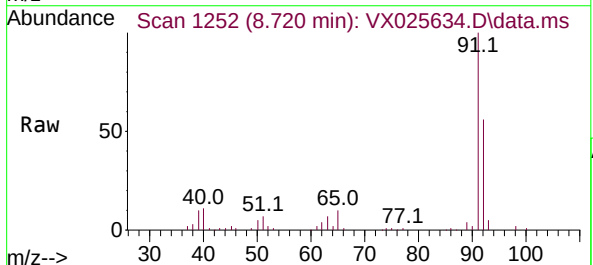
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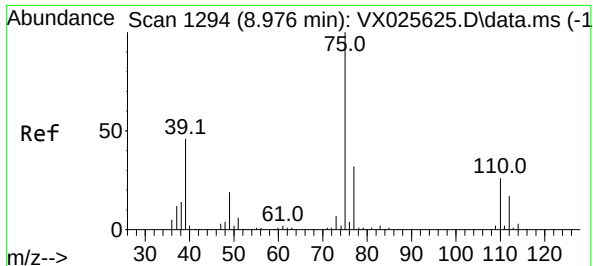
Tgt Ion: 91 Resp: 28117

Ion Ratio Lower Upper

91 100

92 56.4 41.2 76.6

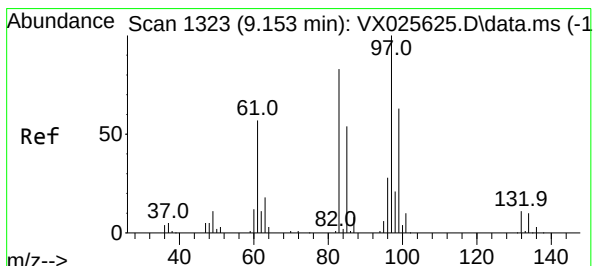
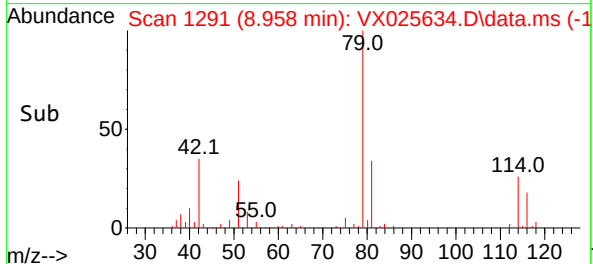
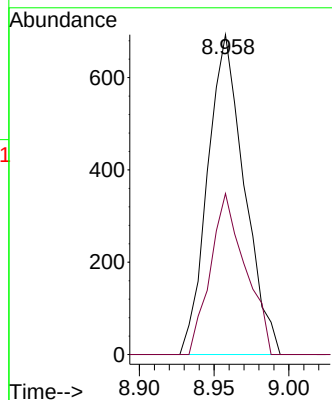
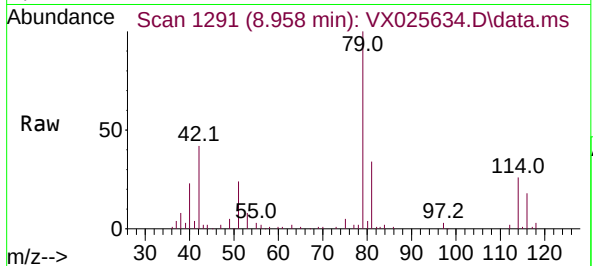




#44
trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 8.958 min Scan# 1183
Delta R.T. -0.018 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

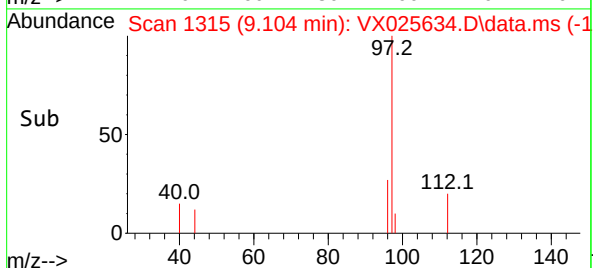
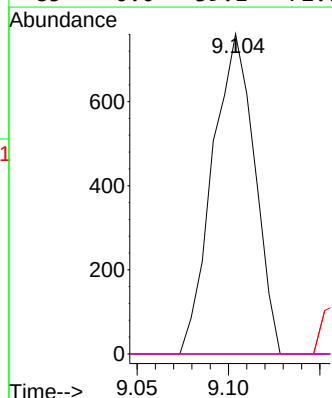
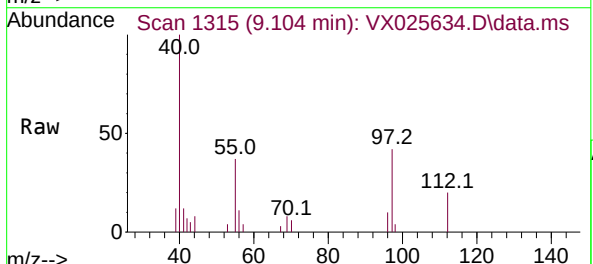
Instrument :
MSVOA_X
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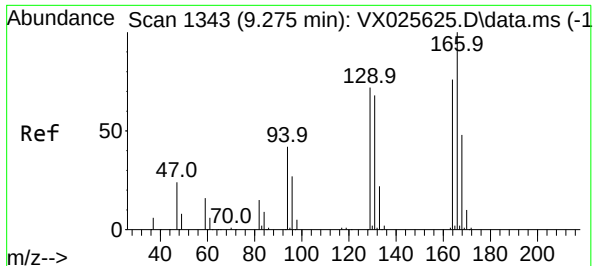
Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 50.4 23.0 42.8#



#45
1,1,2-Trichloroethane
Concen: 1.201 ug/L
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

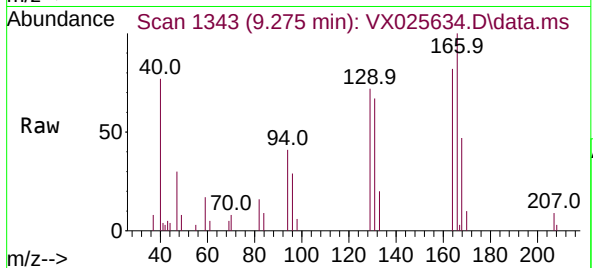
Tgt Ion: 97 Resp: 1220
Ion Ratio Lower Upper
97 100
99 0.0 46.0 85.4#
83 0.0 59.6 110.8#
85 0.0 39.1 72.7#



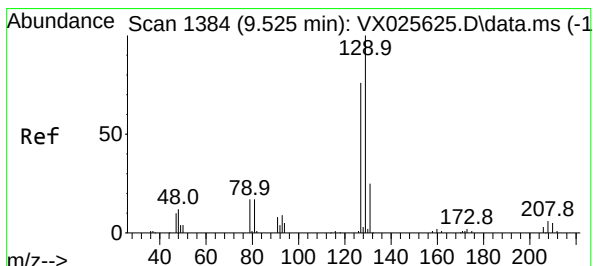
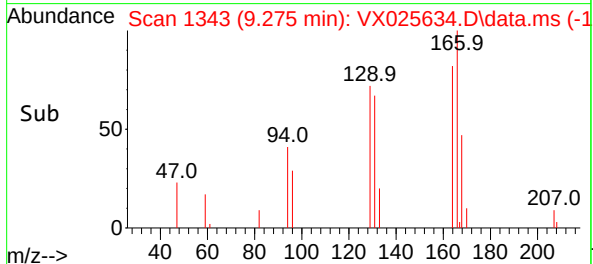
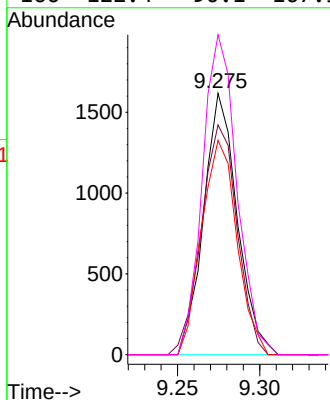


#46
Tetrachloroethene
Concen: 2.703 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Instrument :
MSVOA_X
ClientSampleId :

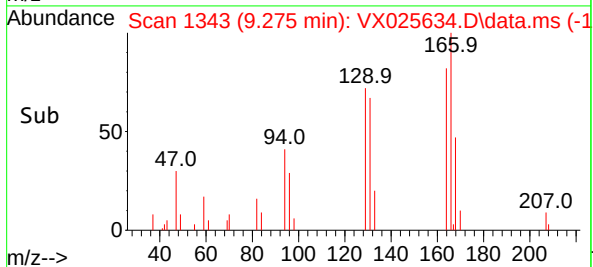
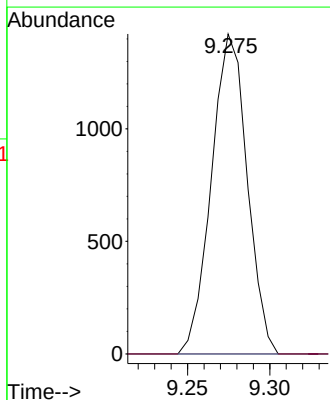
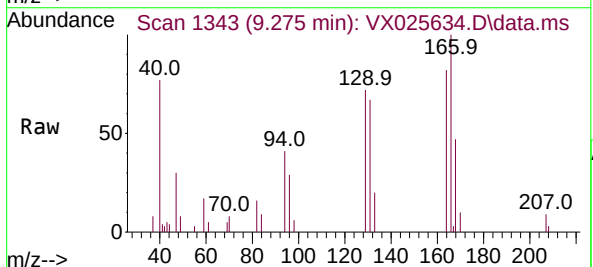


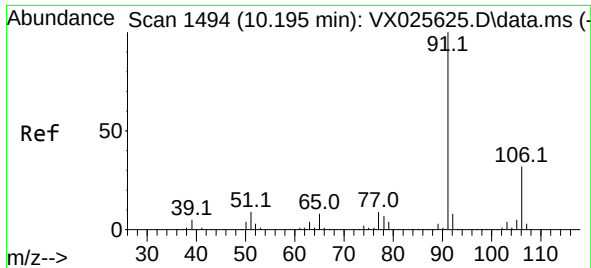
Tgt	Ion:164	Resp:	2301
Ion	Ratio	Lower	Upper
164	100		
129	87.9	64.7	120.1
131	82.0	63.2	117.4
166	122.4	90.1	167.3



#49
Dibromochloromethane
Concen: 1.839 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion:129	Resp:	2153	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#

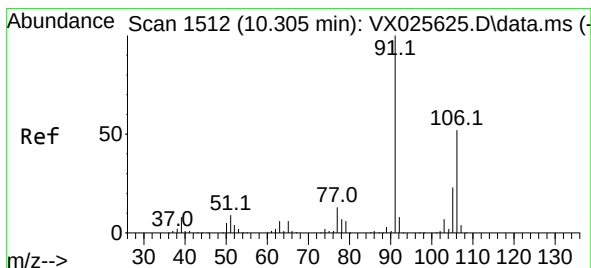
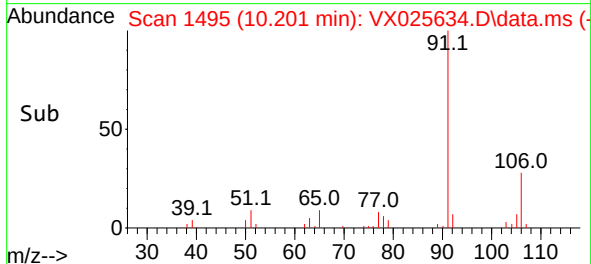
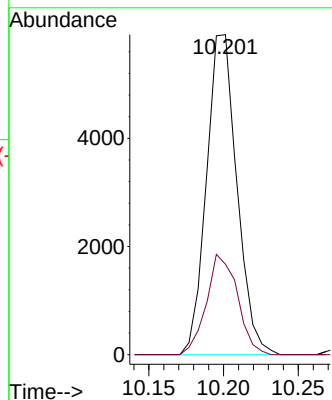
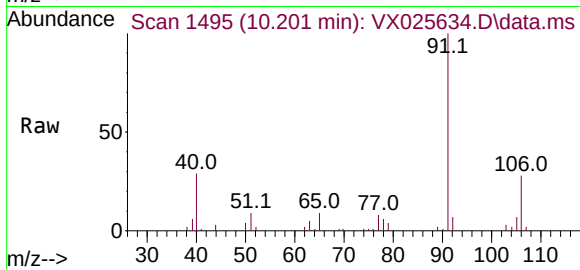




#52
Ethylbenzene
Concen: 1.855 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

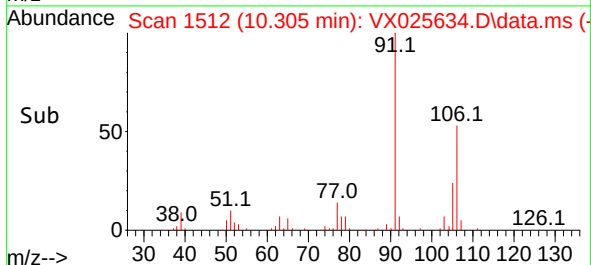
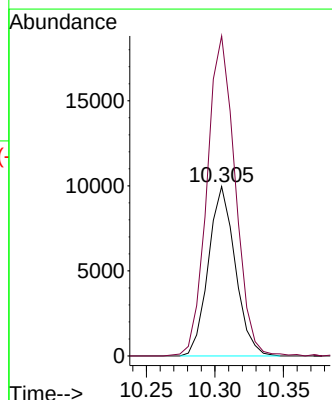
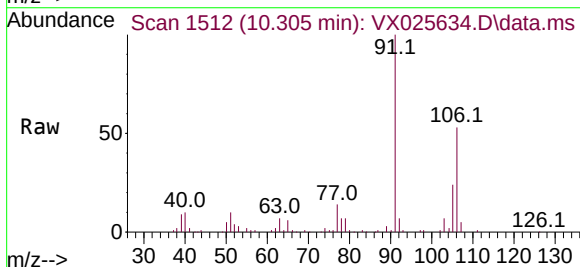
Instrument :
MSVOA_X
ClientSampleId :

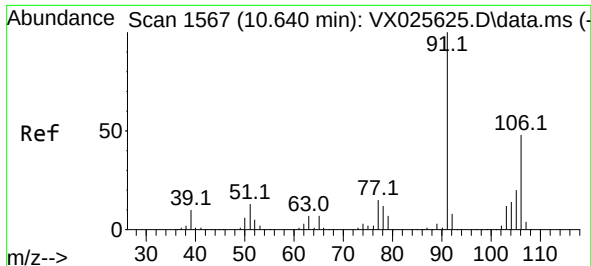
Tgt Ion: 91 Resp: 8391
Ion Ratio Lower Upper
91 100
106 28.3 23.1 42.9



#53
m,p-Xylene
Concen: 7.415 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion: 106 Resp: 13586
Ion Ratio Lower Upper
106 100
91 188.8 136.8 254.2

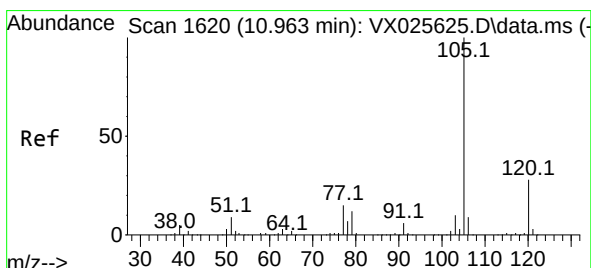
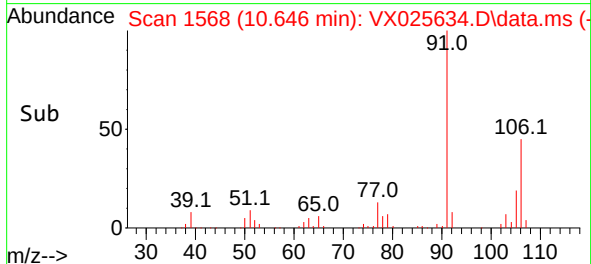
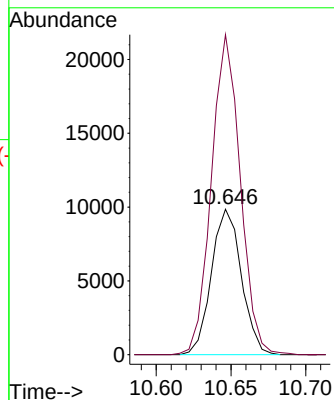
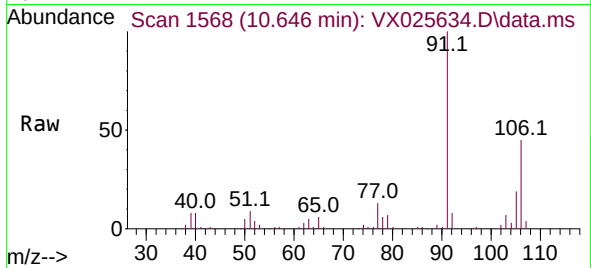




#54
o-Xylene
Concen: 7.490 ug/L
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

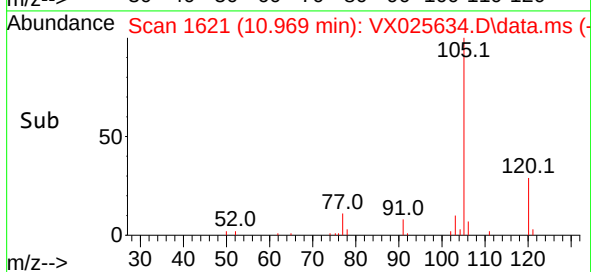
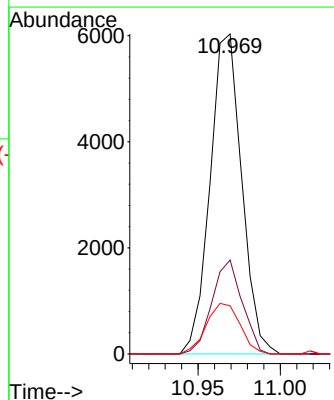
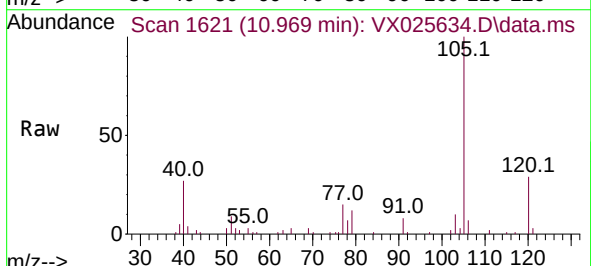
Instrument :
MSVOA_X
ClientSampleId :

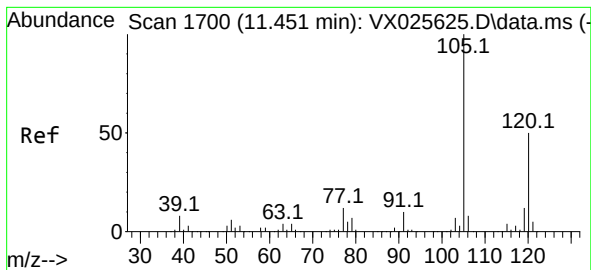
Tgt Ion:106 Resp: 13737
Ion Ratio Lower Upper
106 100
91 219.9 140.5 260.9



#60
Isopropylbenzene
Concen: 1.695 ug/L
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion:105 Resp: 8078
Ion Ratio Lower Upper
105 100
120 28.1 22.3 33.5
77 16.9 11.5 17.3





#62

1,3,5-Trimethylbenzene

Concen: 1.135 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025634.D

Acq: 08 Dec 2021 21:03

Instrument :

MSVOA_X

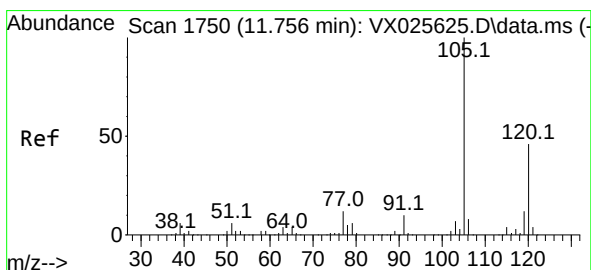
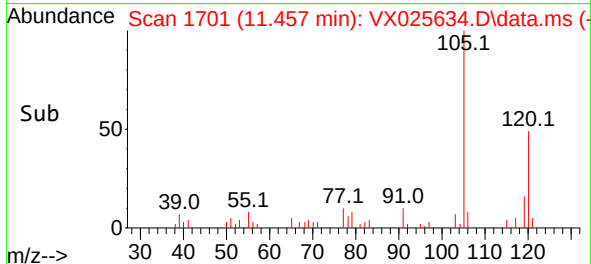
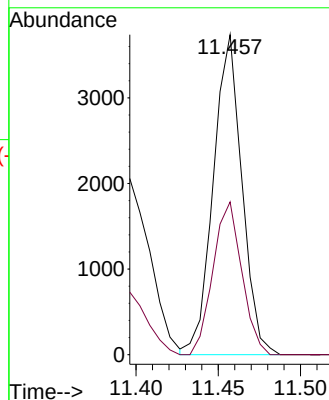
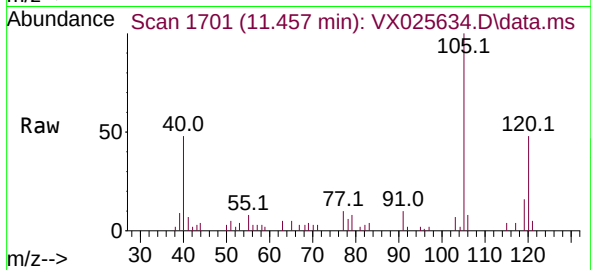
ClientSampleId :

Tgt Ion:105 Resp: 4524

Ion Ratio Lower Upper

105 100

120 48.0 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 4.816 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025634.D

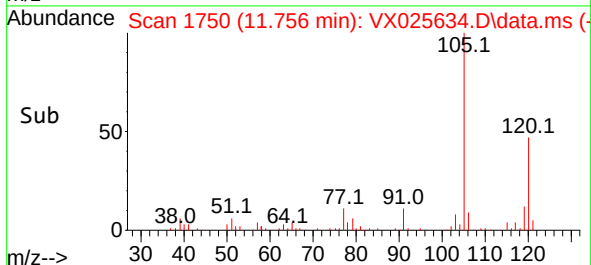
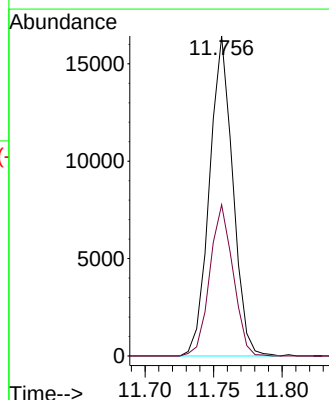
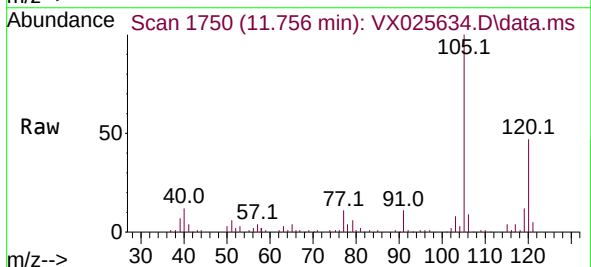
Acq: 08 Dec 2021 21:03

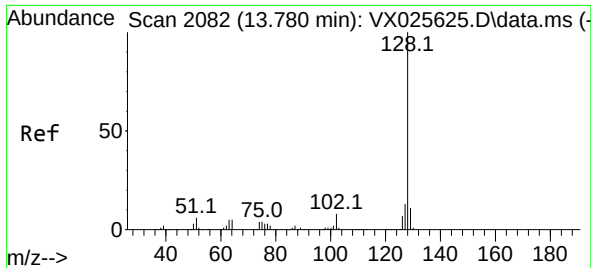
Tgt Ion:105 Resp: 19402

Ion Ratio Lower Upper

105 100

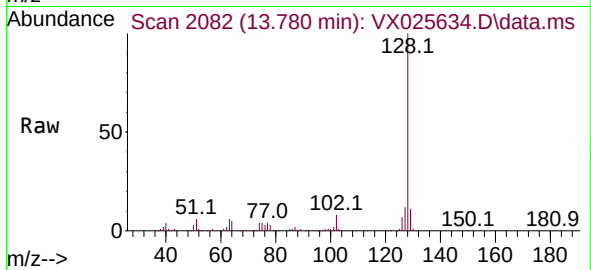
120 47.1 0.1 0.1#





#71
Naphthalene
Concen: 10.769 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 48859
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 11.3 8.7 13.1

