

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024654.D
 Acq On : 07 Oct 2021 18:34
 Operator : JC/MD
 Sample : M4001-10
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW923ME

Quant Time: Oct 07 23:10:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.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)

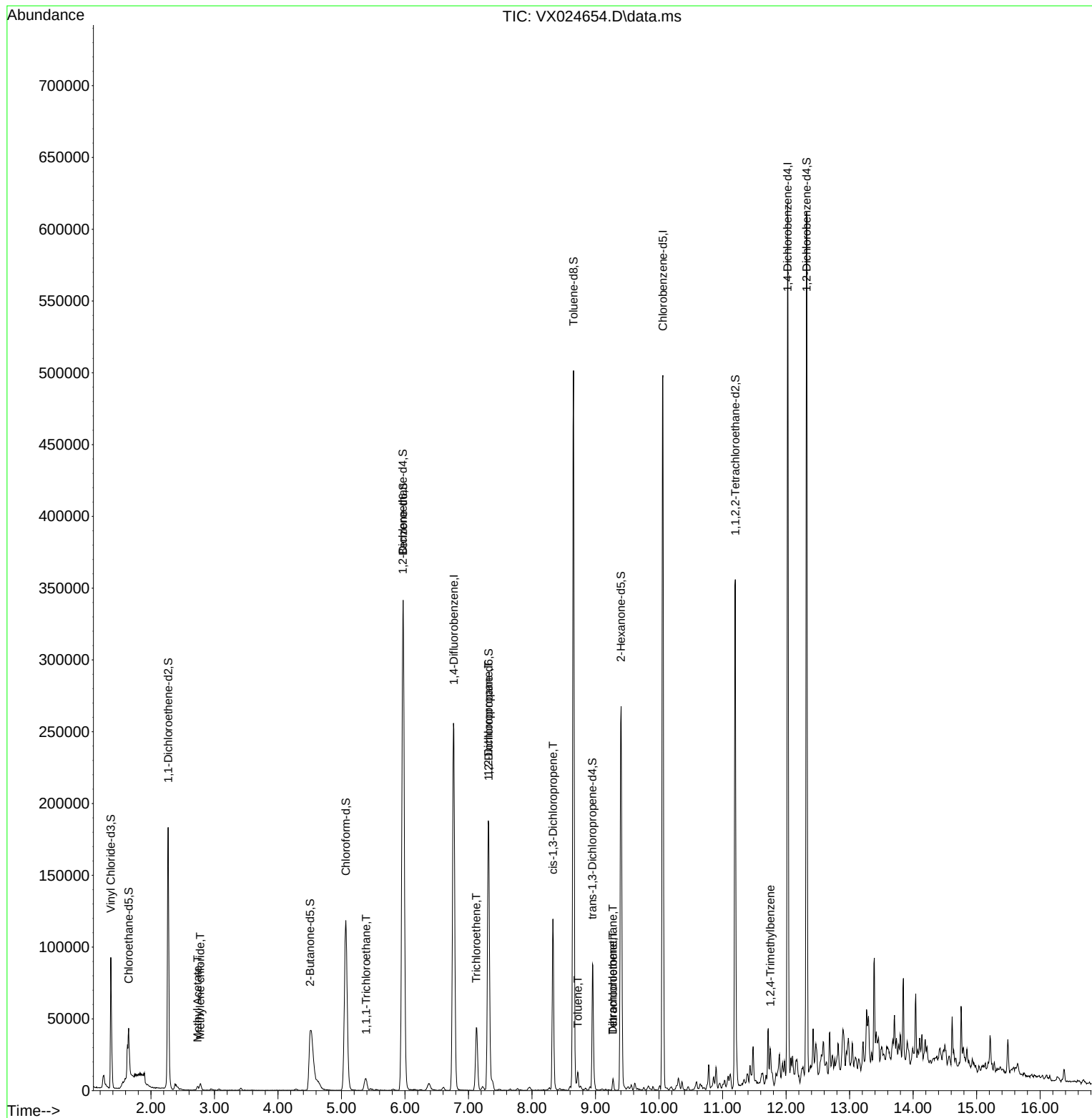
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	265467	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	245194	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71327	43.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.800%
7) Chloroethane-d5	1.648	69	25034	23.137	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.280%#
11) 1,1-Dichloroethene-d2	2.270	63	101026	31.305	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.600%
21) 2-Butanone-d5	4.507	46	91594	67.782	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.780%
24) Chloroform-d	5.068	84	152773	45.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.780%
26) 1,2-Dichloroethane-d4	5.964	65	110516	46.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.880%
32) Benzene-d6	5.971	84	319153	46.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
36) 1,2-Dichloropropane-d6	7.318	67	96325	44.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.180%
41) Toluene-d8	8.653	98	298705	44.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.780%
43) trans-1,3-Dichloroprop...	8.952	79	42374	39.586	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.180%
47) 2-Hexanone-d5	9.403	63	95822	94.481	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.480%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	133770	44.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.920%
66) 1,2-Dichlorobenzene-d4	12.323	152	119730	48.811	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.620%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.733	43	3675	1.727	ug/L #	85
16) Methylene chloride	2.776	84	1911	1.042	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	8431	2.622	ug/L	96
34) Trichloroethene	7.123	95	16530	7.926	ug/L	97
37) 1,2-Dichloropropane	7.312	63	11530	5.778	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	2787	0.932	ug/L	86
42) Toluene	8.720	91	7671	0.907	ug/L	95
46) Tetrachloroethene	9.275	164	1530	0.941	ug/L	94
49) Dibromochloromethane	9.275	129	1537	0.762	ug/L #	12
63) 1,2,4-Trimethylbenzene	11.756	105	4847	0.654	ug/L	100

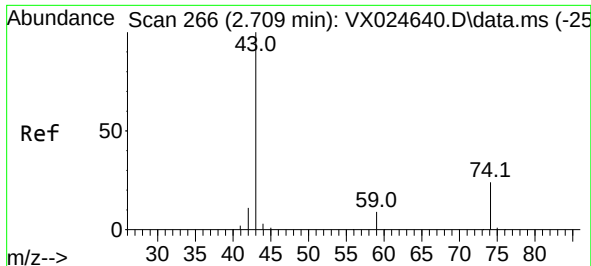
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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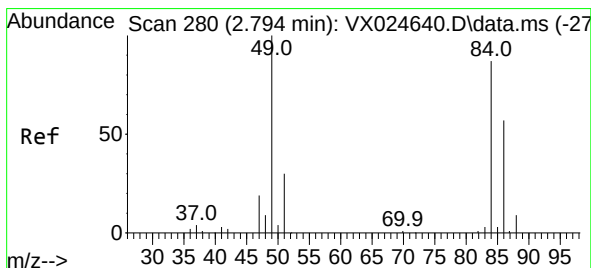
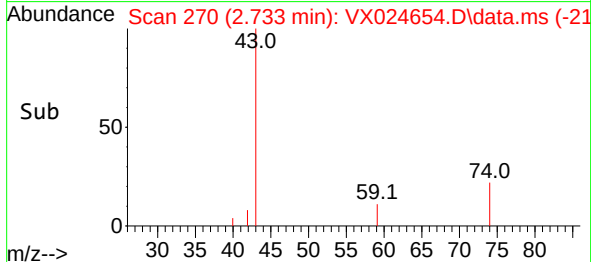
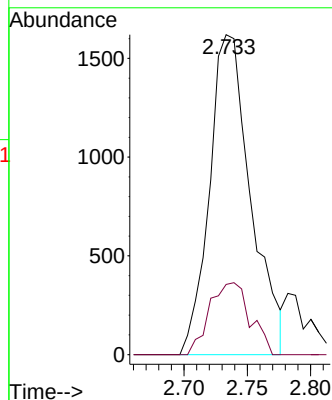
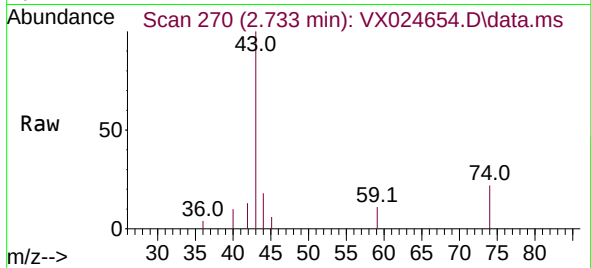




#15
Methyl Acetate
Concen: 1.727 ug/L
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

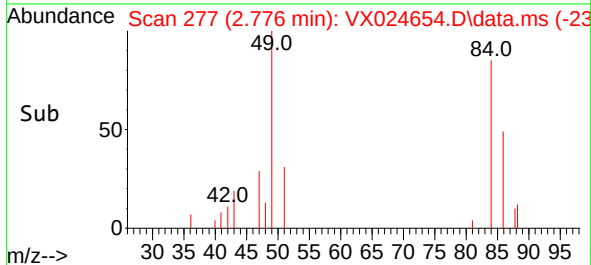
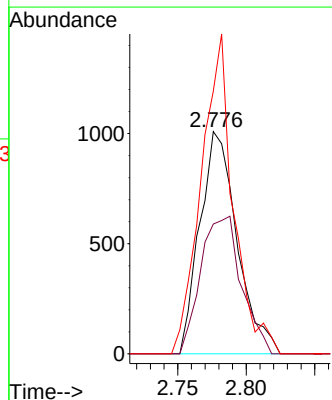
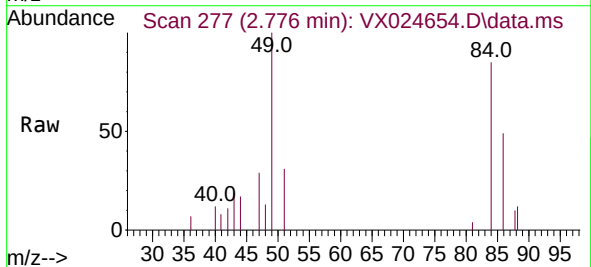
Instrument :
MSVOA_X
ClientSampleID :
EW923ME

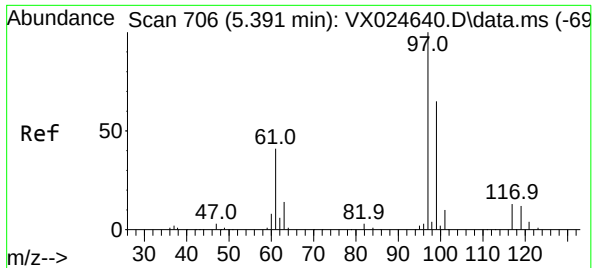
Tgt Ion: 43 Resp: 3675
Ion Ratio Lower Upper
43 100
74 19.4 21.7 32.5#



#16
Methylene chloride
Concen: 1.042 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

Tgt Ion: 84 Resp: 1911
Ion Ratio Lower Upper
84 100
86 58.4 44.2 82.0
49 118.2 77.8 144.6



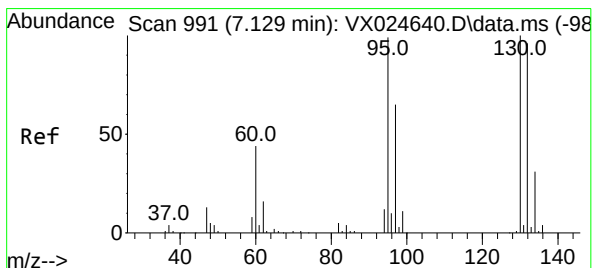
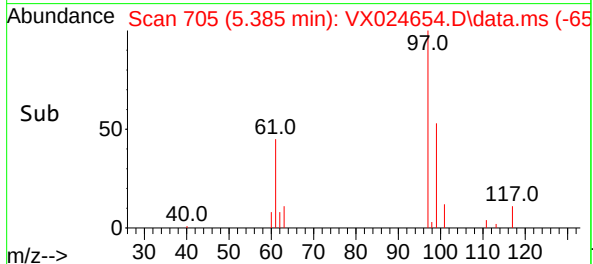
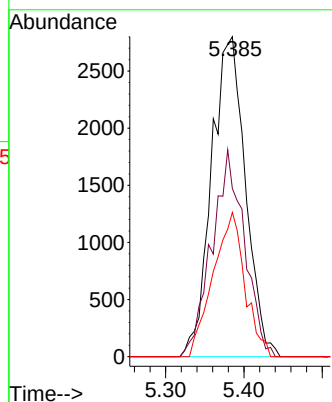
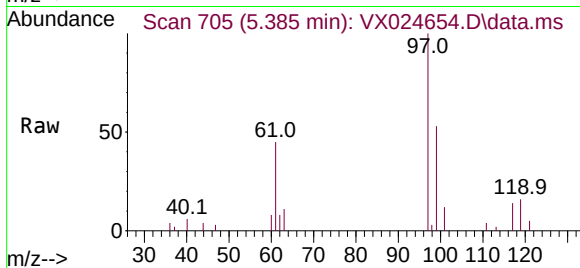


#30

1,1,1-Trichloroethane
Concen: 2.622 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
EW923ME

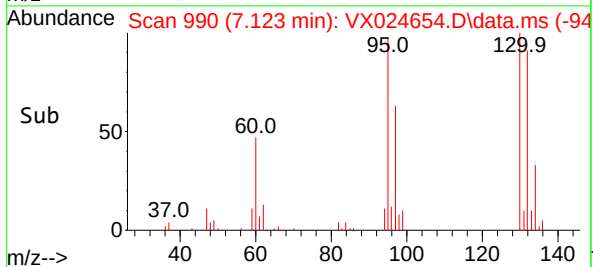
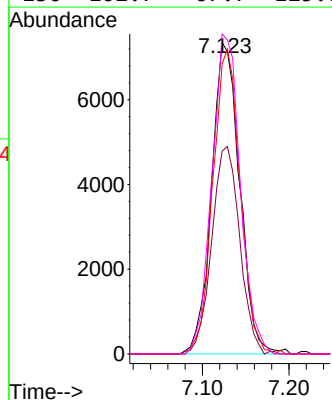
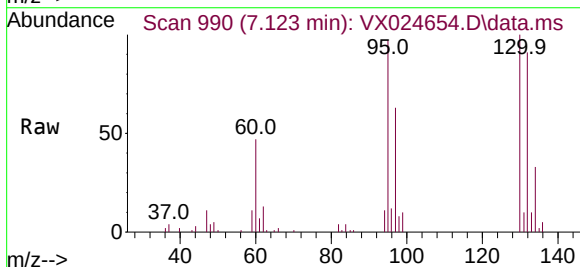
Tgt Ion: 97	Resp: 8431		
Ion Ratio	Lower	Upper	
97	100		
99	62.0	52.1	78.1
61	42.2	35.3	52.9

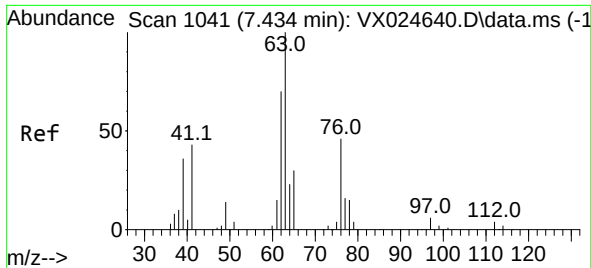


#34

Trichloroethene
Concen: 7.926 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

Tgt Ion: 95	Resp: 16530
Ion Ratio	Lower Upper
95 100	
97 65.1	44.5 82.7
132 93.0	65.2 121.0
130 102.7	67.7 125.7

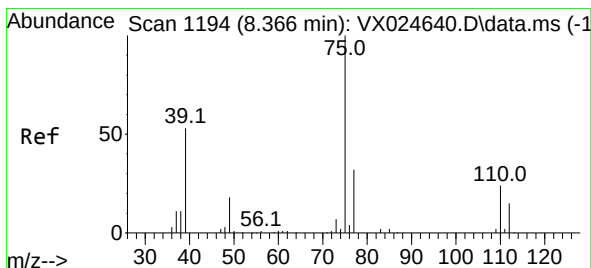
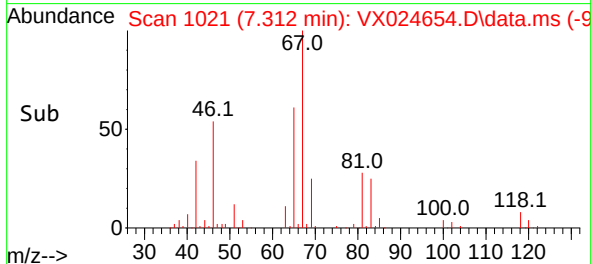
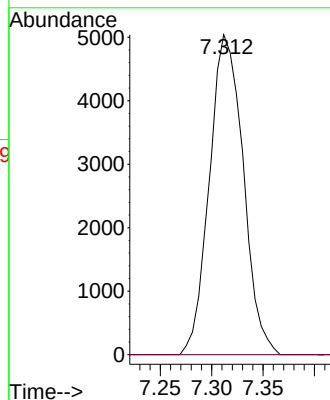
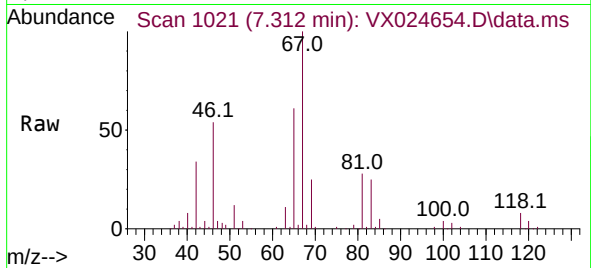




#37
1,2-Dichloropropane
Concen: 5.778 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

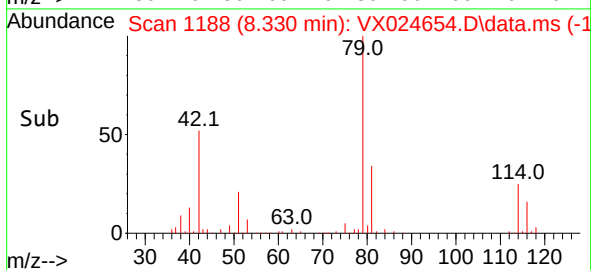
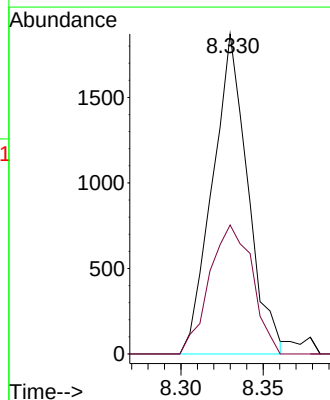
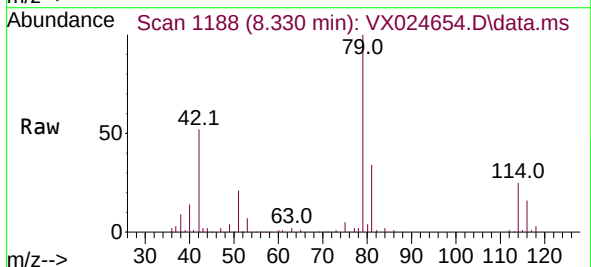
Instrument :
MSVOA_X
ClientSampleId :
EW923ME

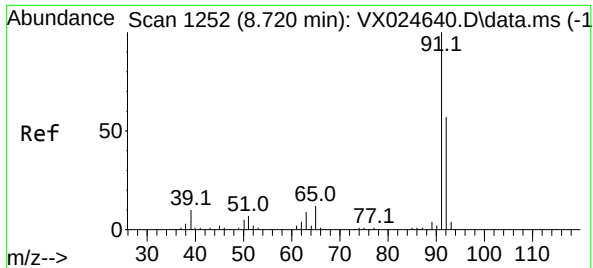
Tgt Ion: 63 Resp: 11530
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



#39
cis-1,3-Dichloropropene
Concen: 0.932 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

Tgt Ion: 75 Resp: 2787
Ion Ratio Lower Upper
75 100
77 40.3 22.7 42.3

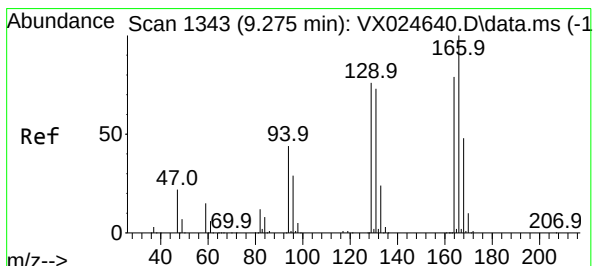
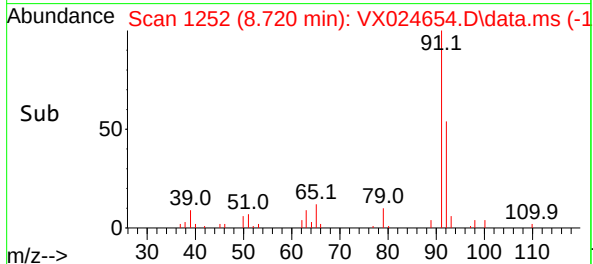
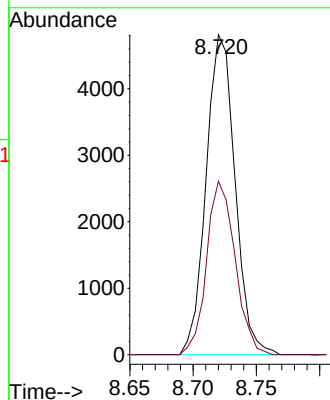
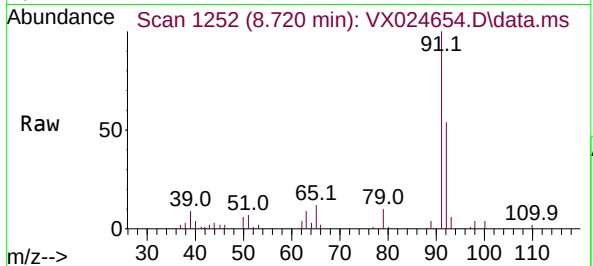




#42
Toluene
Concen: 0.907 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

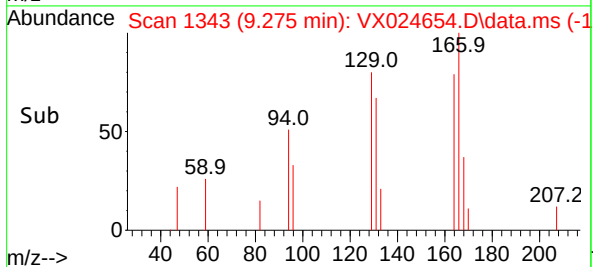
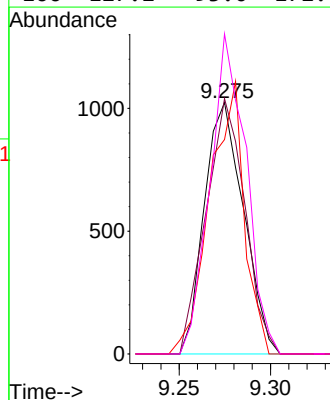
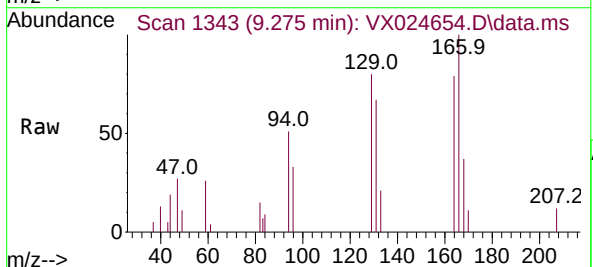
Instrument :
MSVOA_X
ClientSampleId :
EW923ME

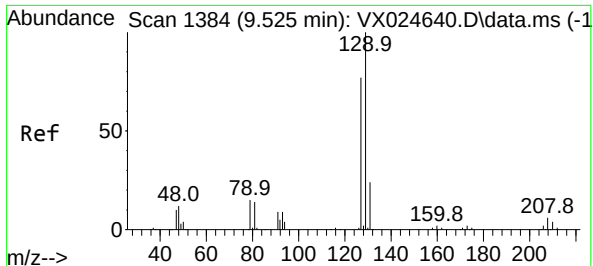
Tgt Ion: 91 Resp: 7671
Ion Ratio Lower Upper
91 100
92 54.2 40.5 75.1



#46
Tetrachloroethene
Concen: 0.941 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX024654.D
Acq: 07 Oct 2021 18:34

Tgt Ion: 164 Resp: 1530
Ion Ratio Lower Upper
164 100
129 101.6 65.6 121.8
131 85.3 63.7 118.3
166 127.2 93.0 172.6





#49

Dibromochloromethane

Concen: 0.762 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024654.D

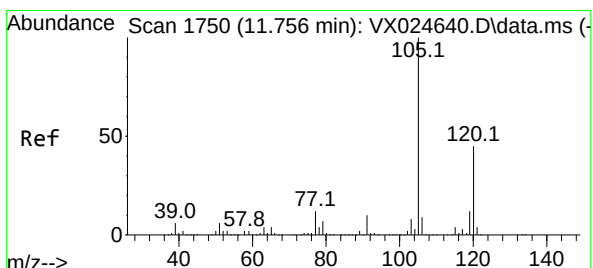
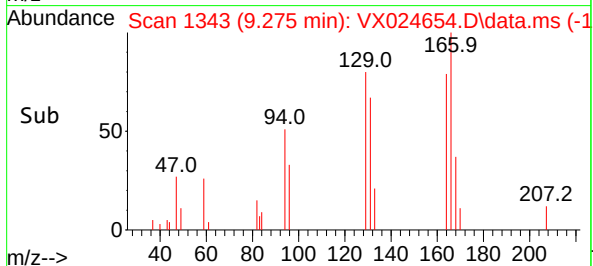
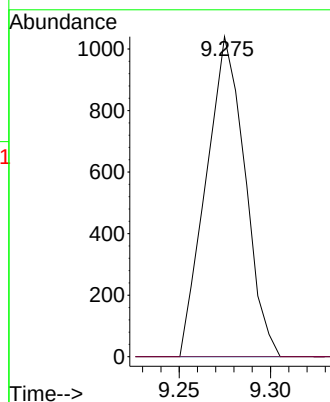
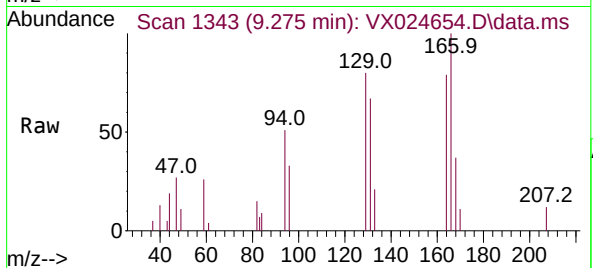
Acq: 07 Oct 2021 18:34

Tgt Ion:129 Resp: 1537

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#63

1,2,4-Trimethylbenzene

Concen: 0.654 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX024654.D

Acq: 07 Oct 2021 18:34

Tgt Ion:105 Resp: 4847

Ion Ratio Lower Upper

105 100

120 45.6 36.4 54.6

