

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025633.D
 Acq On : 08 Dec 2021 20:40
 Operator : JC/MD
 Sample : M4885-16ME
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 03:31:02 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)

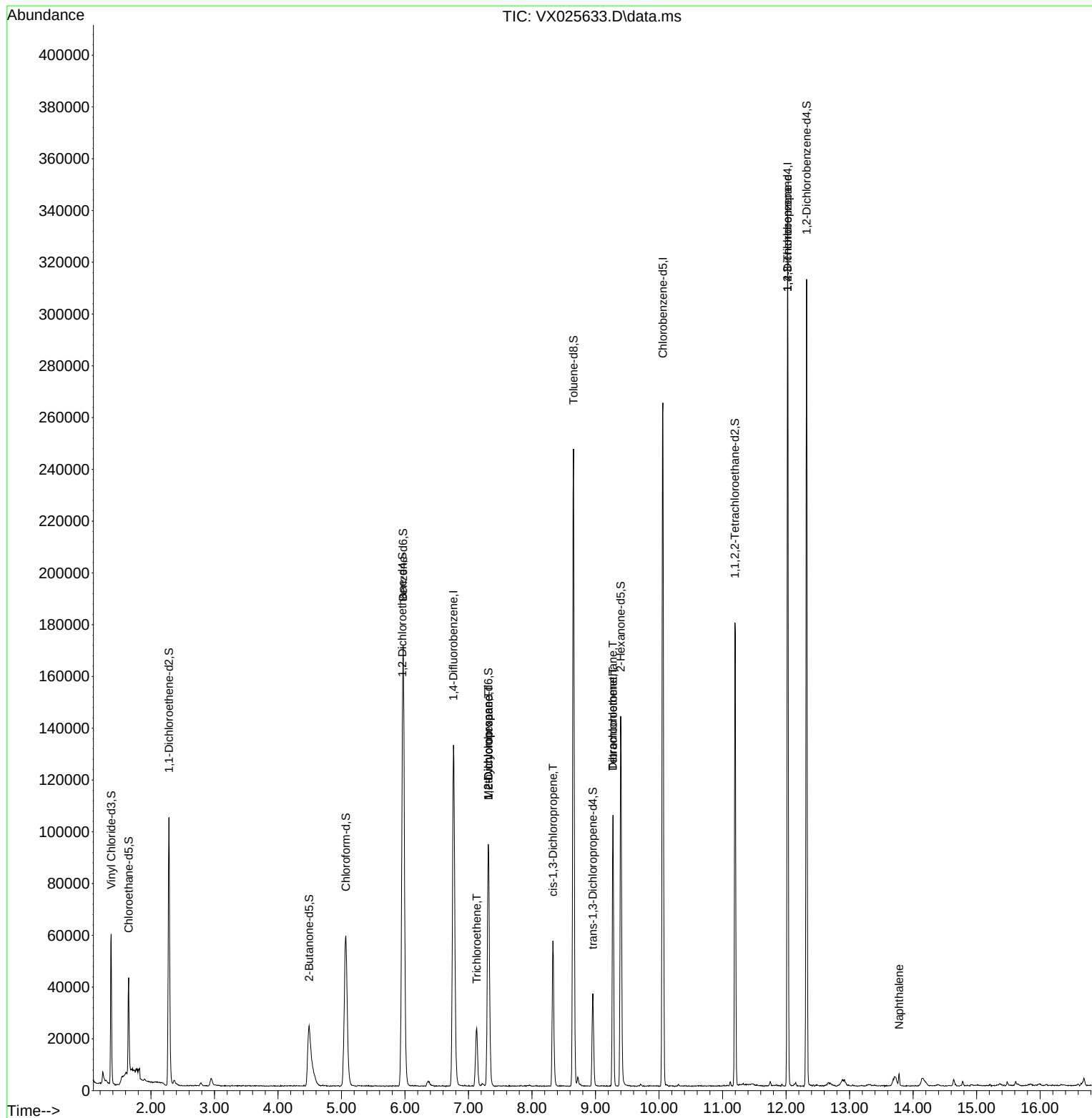
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152002	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	138186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70886	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	40659	39.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.400%
7) Chloroethane-d5	1.648	69	21878	25.554	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.100%#
11) 1,1-Dichloroethene-d2	2.282	63	58296	35.245	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.500%
21) 2-Butanone-d5	4.489	46	62756	81.269	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.270%
24) Chloroform-d	5.068	84	77136	42.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.100%
26) 1,2-Dichloroethane-d4	5.958	65	52221	46.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
32) Benzene-d6	5.970	84	168708	46.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
36) 1,2-Dichloropropane-d6	7.312	67	50433	44.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.960%
41) Toluene-d8	8.653	98	154693	44.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
43) trans-1,3-Dichloroprop...	8.958	79	19859	34.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.680%
47) 2-Hexanone-d5	9.397	63	46298	78.438	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.440%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	68159	42.532	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.060%
66) 1,2-Dichlorobenzene-d4	12.323	152	63628	45.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.540%
Target Compounds						Qvalue
34) Trichloroethene	7.129	95	8156	8.400	ug/L	91
35) Methylcyclohexane	7.312	83	12552	8.213	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	5685	6.140	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1519	1.007	ug/L	84
46) Tetrachloroethene	9.275	164	20498	24.893	ug/L	99
49) Dibromochloromethane	9.275	129	19094	16.859	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	7567	6.240	ug/L #	62
71) Naphthalene	13.780	128	3049	0.703	ug/L	99

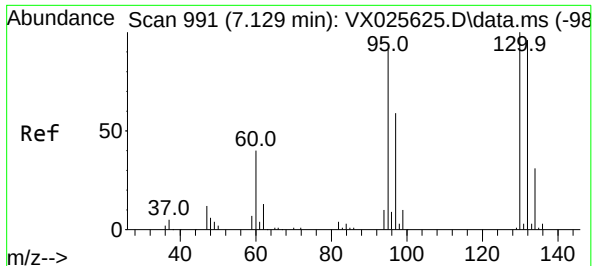
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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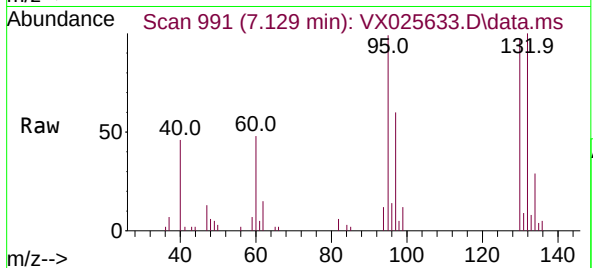
Quant Time: Dec 09 03:31:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration





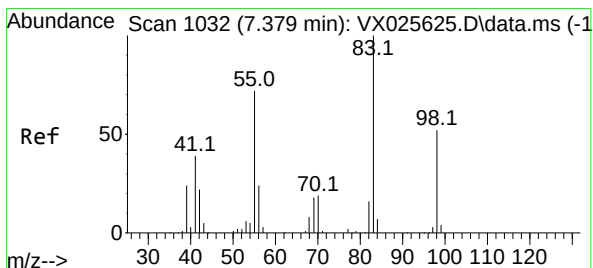
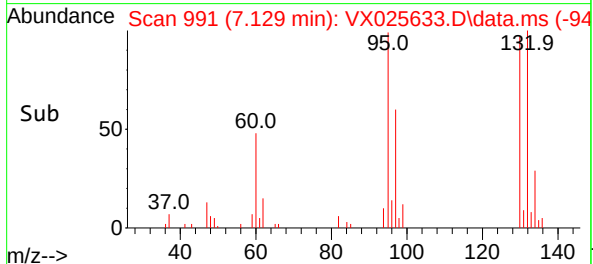
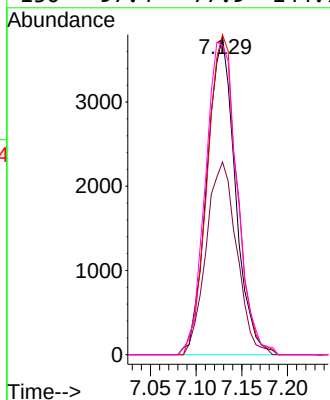
#34
Trichloroethene
Concen: 8.400 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025633.D
Acq: 08 Dec 2021 20:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 8156

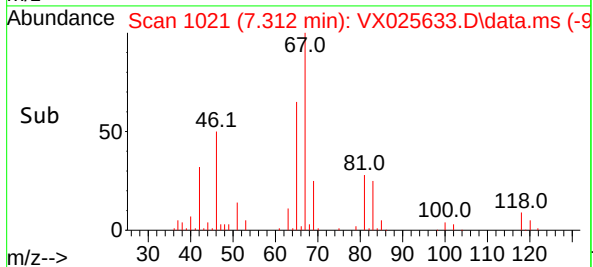
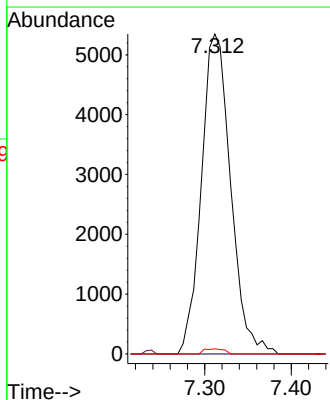
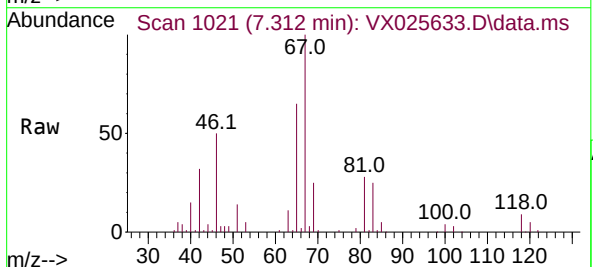
Ion	Ratio	Lower	Upper
95	100		
97	60.6	46.0	85.4
132	100.7	75.0	139.2
130	97.4	77.9	144.7

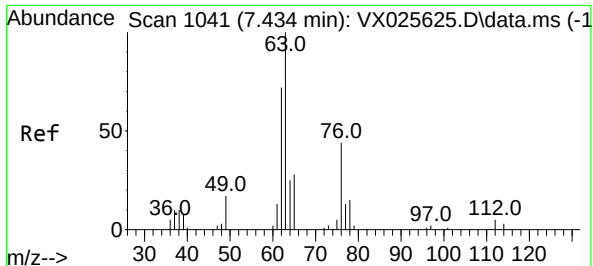


#35
Methylcyclohexane
Concen: 8.213 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX025633.D
Acq: 08 Dec 2021 20:40

Tgt Ion: 83 Resp: 12552

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.3	85.9#
98	0.5	41.1	61.7#





#37

1,2-Dichloropropane

Concen: 6.140 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025633.D

Acq: 08 Dec 2021 20:40

Instrument :

MSVOA_X

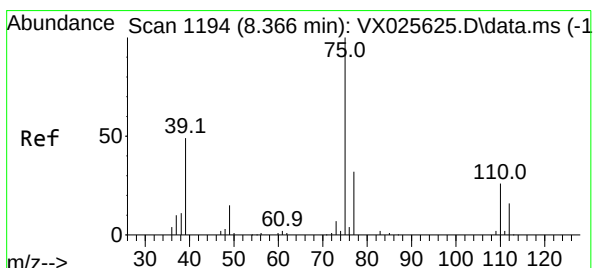
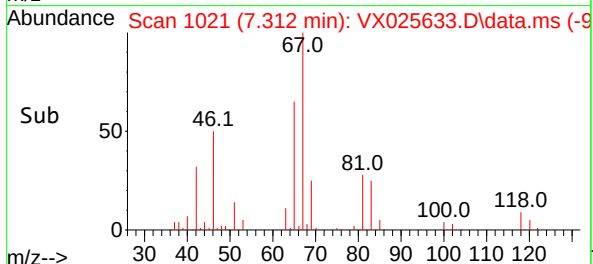
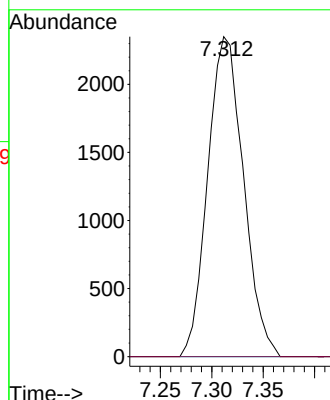
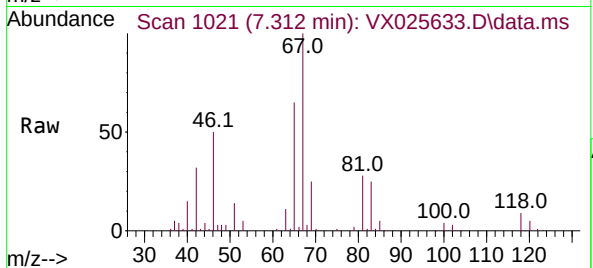
ClientSampleId :

Tgt Ion: 63 Resp: 5685

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.007 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025633.D

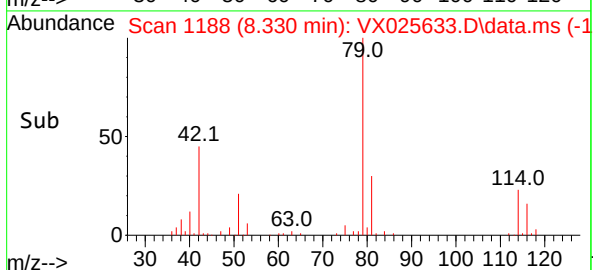
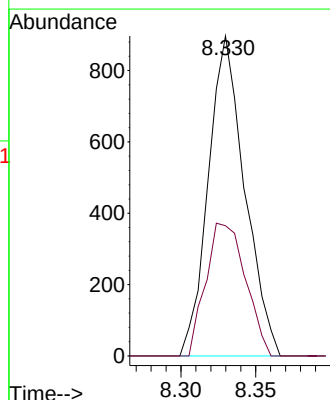
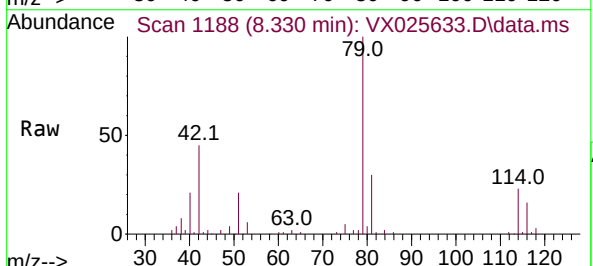
Acq: 08 Dec 2021 20:40

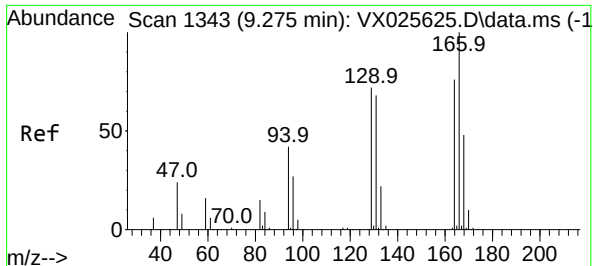
Tgt Ion: 75 Resp: 1519

Ion Ratio Lower Upper

75 100

77 40.7 22.3 41.3

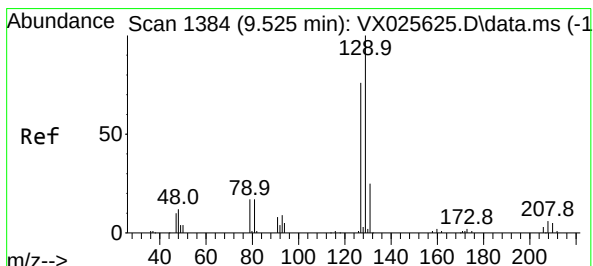
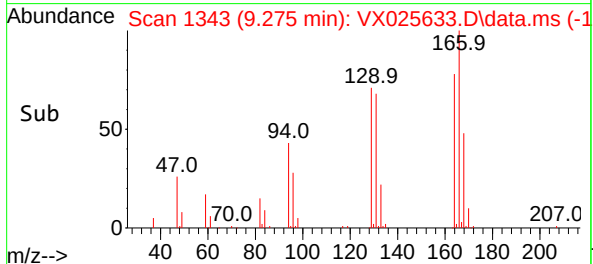
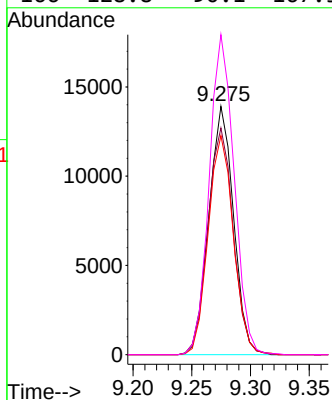
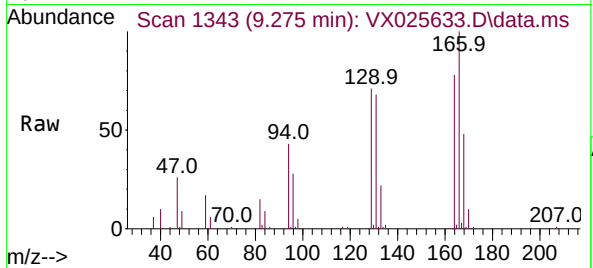




#46
Tetrachloroethene
Concen: 24.893 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025633.D
Acq: 08 Dec 2021 20:40

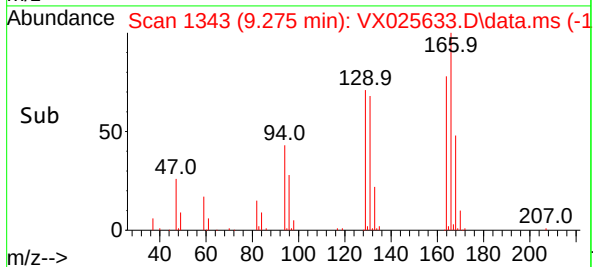
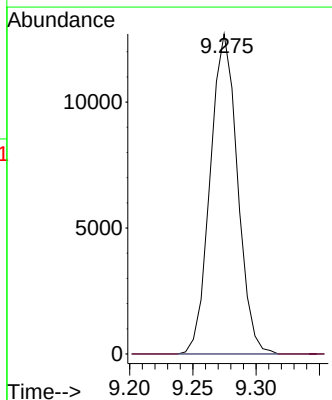
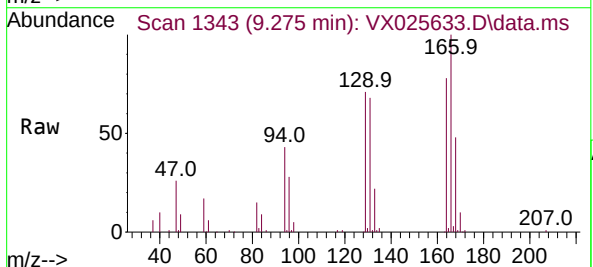
Instrument :
MSVOA_X
ClientSampleId :

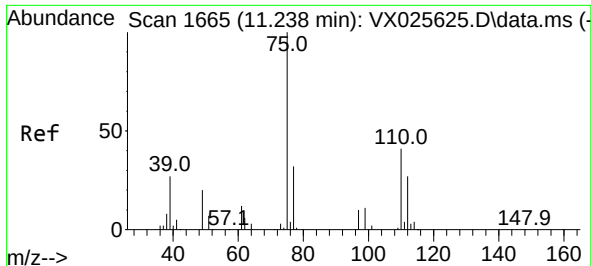
Tgt Ion:164 Resp: 20498
Ion Ratio Lower Upper
164 100
129 91.3 64.7 120.1
131 88.2 63.2 117.4
166 128.8 90.1 167.3



#49
Dibromochloromethane
Concen: 16.859 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025633.D
Acq: 08 Dec 2021 20:40

Tgt Ion:129 Resp: 19094
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#

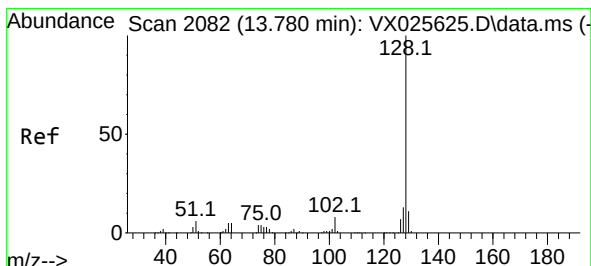
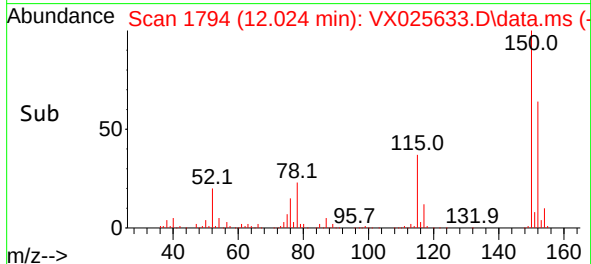
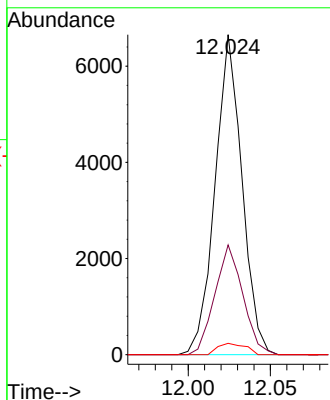
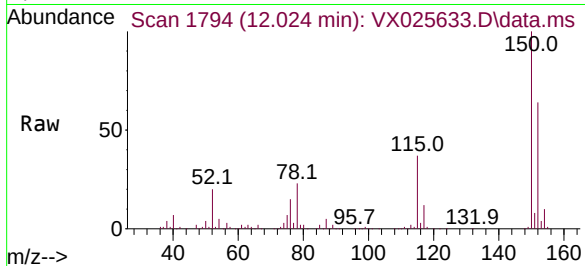




#61
1,2,3-Trichloropropane
Concen: 6.240 ug/L
RT: 12.024 min Scan# 11
Delta R.T. 0.786 min
Lab File: VX025633.D
Acq: 08 Dec 2021 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 7567
Ion Ratio Lower Upper
75 100
77 35.7 25.8 38.8
110 3.7 34.7 52.1#



#71
Naphthalene
Concen: 0.703 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025633.D
Acq: 08 Dec 2021 20:40

Tgt Ion: 128 Resp: 3049
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 11.6 8.7 13.1

