

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025706.D
 Acq On : 10 Dec 2021 17:01
 Operator : JC/MD
 Sample : M4888-20ME
 Misc : 5.84g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 23:34:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 23:31:21 2021
 Response via : Initial Calibration

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

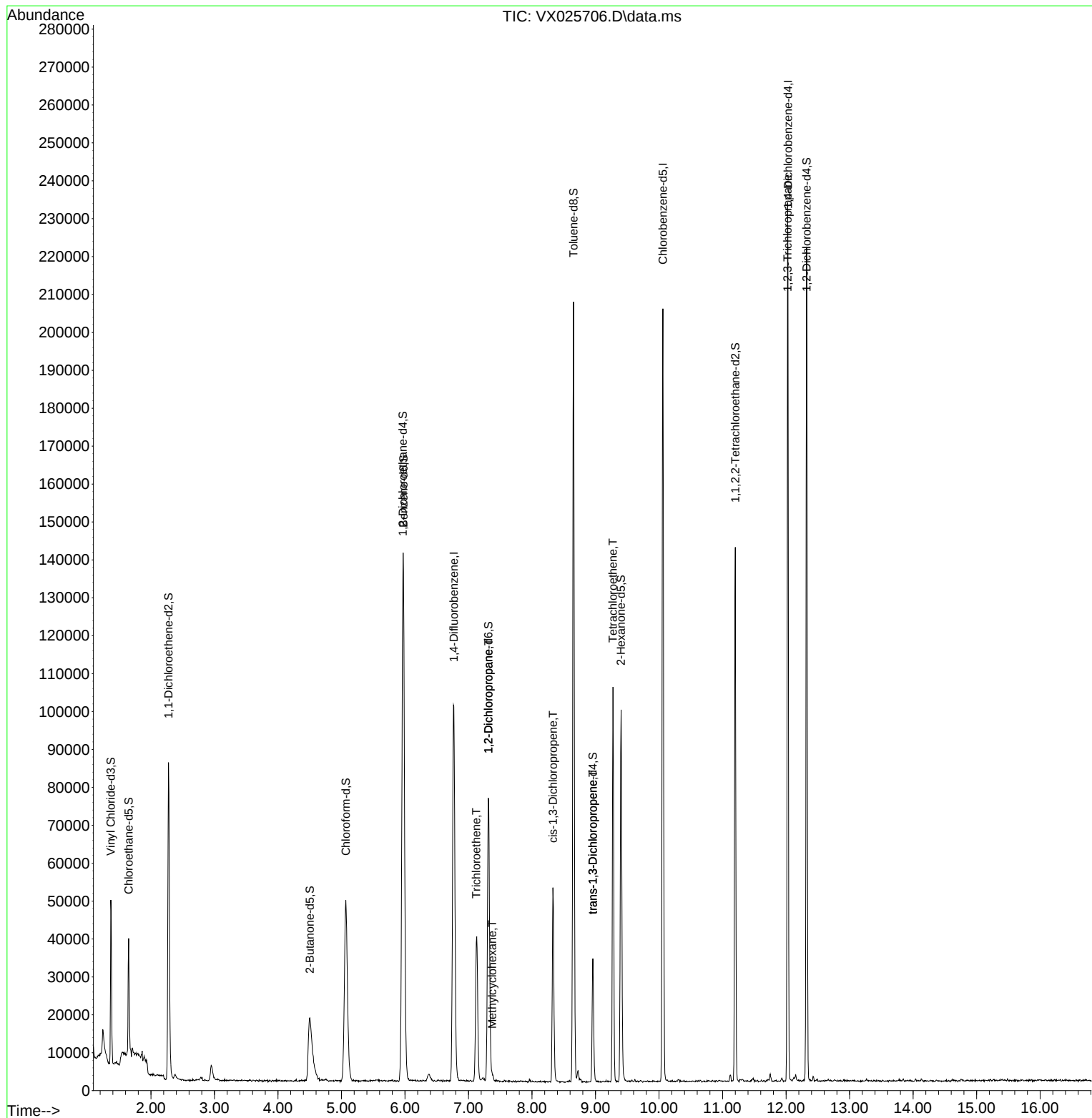
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	115142	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	101843	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	48978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	31614	40.232	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	80.460%	
7) Chloroethane-d5	1.648	69	19858	30.619	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	61.240%#	
11) 1,1-Dichloroethene-d2	2.276	63	50044	39.942	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.880%	
21) 2-Butanone-d5	4.501	46	48359	82.673	ug/L	0.05
Spiked Amount	100.000	Range 40 - 130	Recovery	=	82.670%	
24) Chloroform-d	5.068	84	62146	45.252	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.500%	
26) 1,2-Dichloroethane-d4	5.964	65	42655	49.830	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.660%	
32) Benzene-d6	5.976	84	135634	50.250	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.500%	
36) 1,2-Dichloropropane-d6	7.311	67	39102	46.790	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.580%	
41) Toluene-d8	8.653	98	124947	49.043	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.080%	
43) trans-1,3-Dichloroprop...	8.957	79	17406	41.428	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.860%	
47) 2-Hexanone-d5	9.403	63	33968	78.085	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.090%	
56) 1,1,2,2-Tetrachloroeth...	11.201	84	52900	44.790	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.580%	
66) 1,2-Dichlorobenzene-d4	12.323	152	45480	47.344	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.680%	
Target Compounds						Qvalue
34) Trichloroethene	7.122	95	14665	20.493	ug/L	94
35) Methylcyclohexane	7.372	83	625	0.555	ug/L #	75
37) 1,2-Dichloropropane	7.311	63	4415	6.470	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1423	1.280	ug/L #	68
44) trans-1,3-Dichloropropene	8.957	75	875	0.819	ug/L #	81
46) Tetrachloroethene	9.275	164	18927	31.187	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	5649	6.742	ug/L #	64

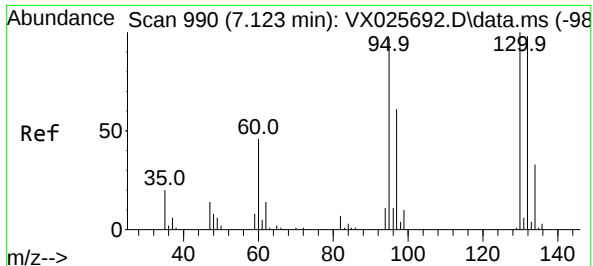
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 10 23:31:21 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 20.493 ug/L

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

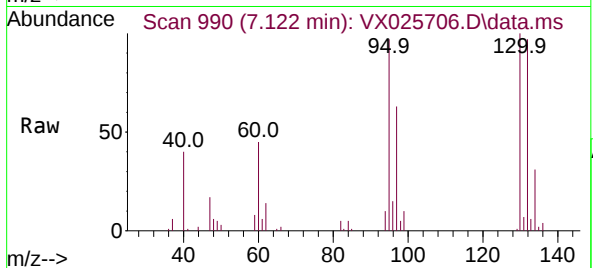
Lab File: VX025706.D

Acq: 10 Dec 2021 17:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 14665

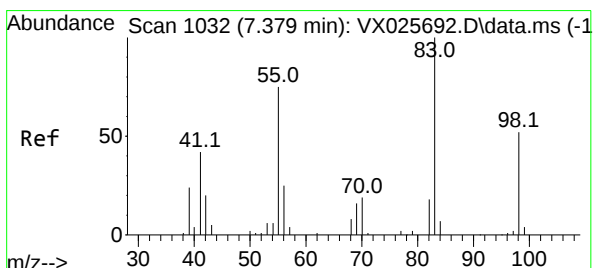
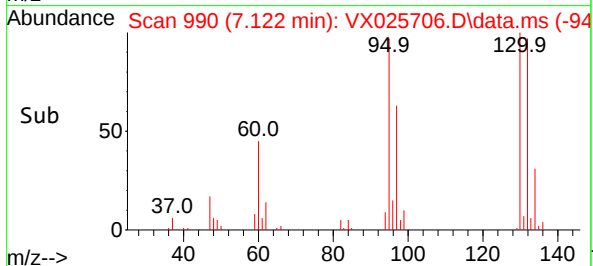
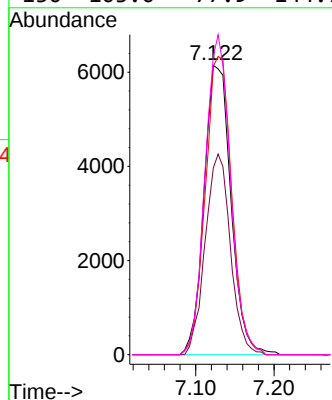
Ion Ratio Lower Upper

95 100

97 64.5 46.0 85.4

132 99.7 75.0 139.2

130 103.0 77.9 144.7



#35

Methylcyclohexane

Concen: 0.555 ug/L

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX025706.D

Acq: 10 Dec 2021 17:01

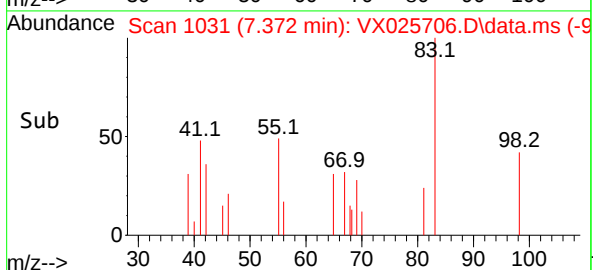
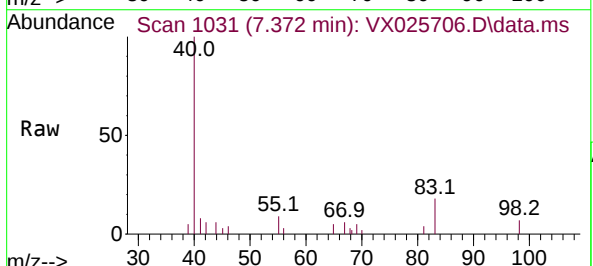
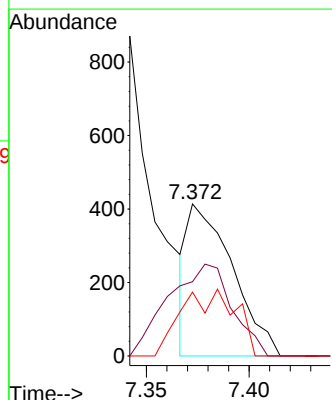
Tgt Ion: 83 Resp: 625

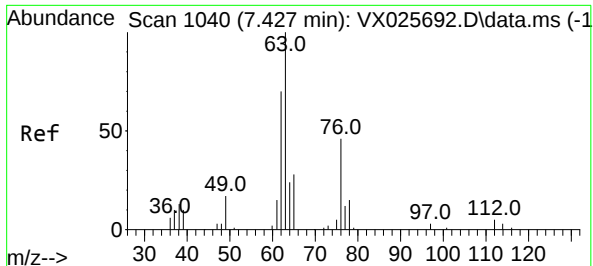
Ion Ratio Lower Upper

83 100

55 86.4 57.3 85.9#

98 27.7 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 6.470 ug/L

RT: 7.311 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025706.D

Acq: 10 Dec 2021 17:01

Instrument :

MSVOA_X

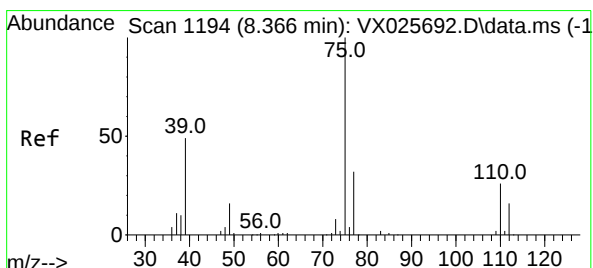
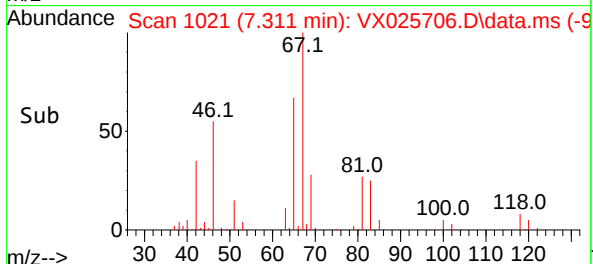
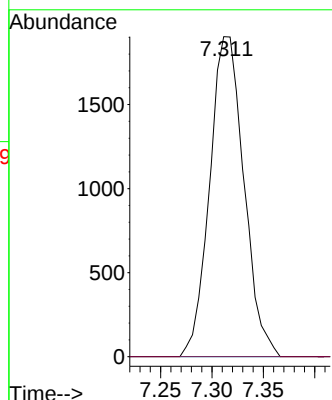
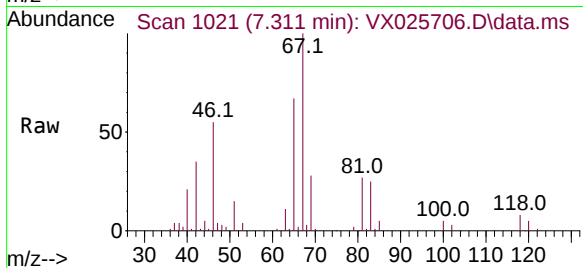
ClientSampleId :

Tgt Ion: 63 Resp: 4415

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.280 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025706.D

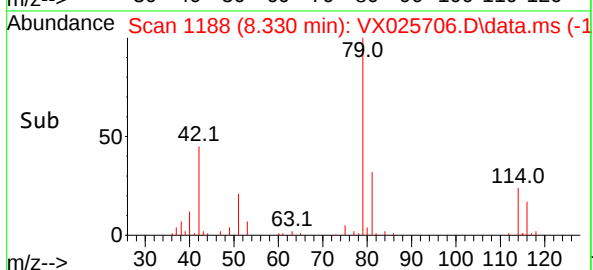
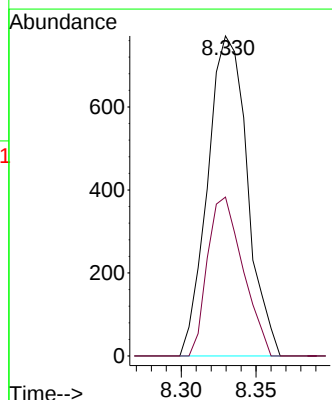
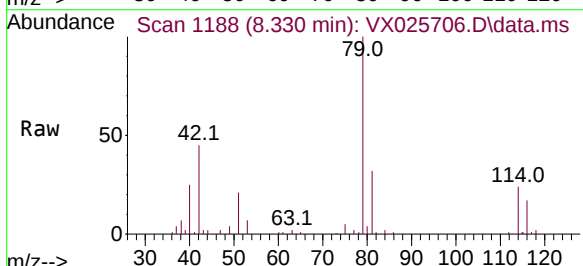
Acq: 10 Dec 2021 17:01

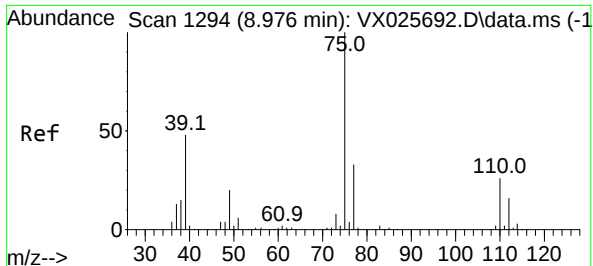
Tgt Ion: 75 Resp: 1423

Ion Ratio Lower Upper

75 100

77 49.7 22.3 41.3#

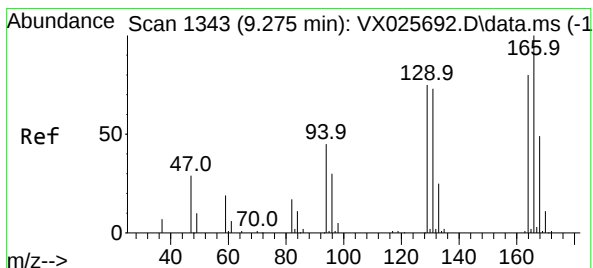
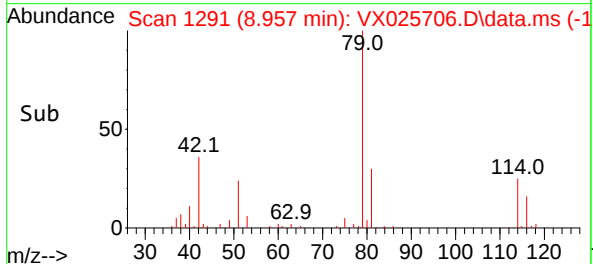
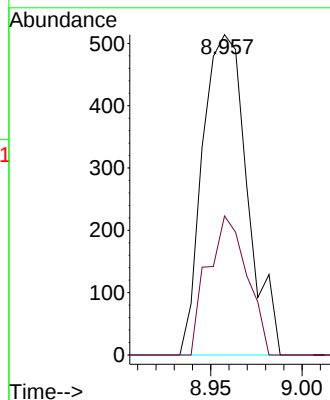
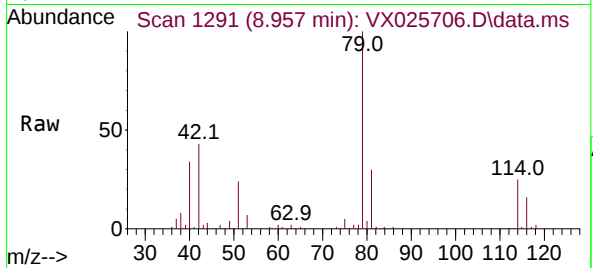




#44
trans-1,3-Dichloropropene
Concen: 0.819 ug/L
RT: 8.957 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX025706.D
Acq: 10 Dec 2021 17:01

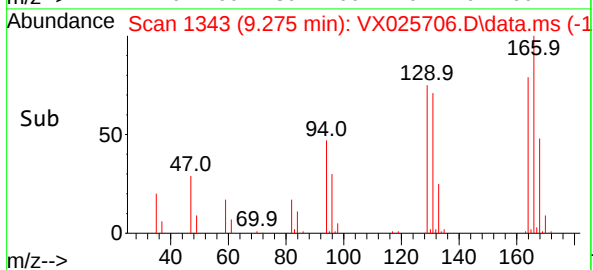
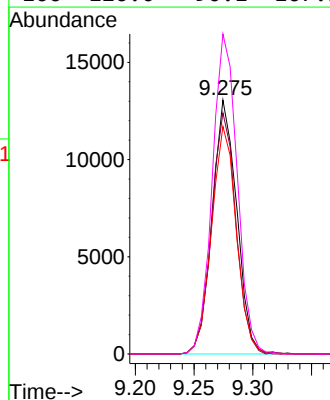
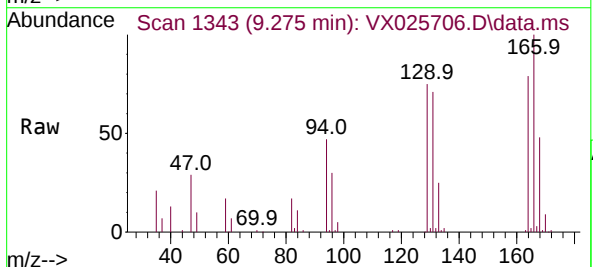
Instrument :
MSVOA_X
ClientSampleId :

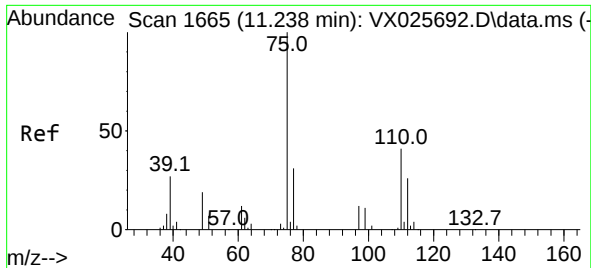
Tgt Ion: 75 Resp: 875
Ion Ratio Lower Upper
75 100
77 43.4 23.0 42.8#



#46
Tetrachloroethene
Concen: 31.187 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025706.D
Acq: 10 Dec 2021 17:01

Tgt Ion: 164 Resp: 18927
Ion Ratio Lower Upper
164 100
129 95.0 64.7 120.1
131 89.6 63.2 117.4
166 126.0 90.1 167.3





#61

1,2,3-Trichloropropane

Concen: 6.742 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.786 min

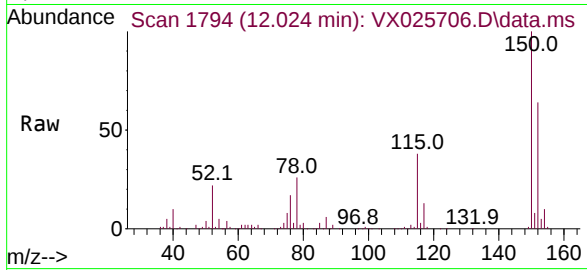
Lab File: VX025706.D

Acq: 10 Dec 2021 17:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 5649

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.8

110 3.5 34.7 52.1#

