

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025724.D
 Acq On : 11 Dec 2021 00:14
 Operator : JC/MD
 Sample : M4981-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:05:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

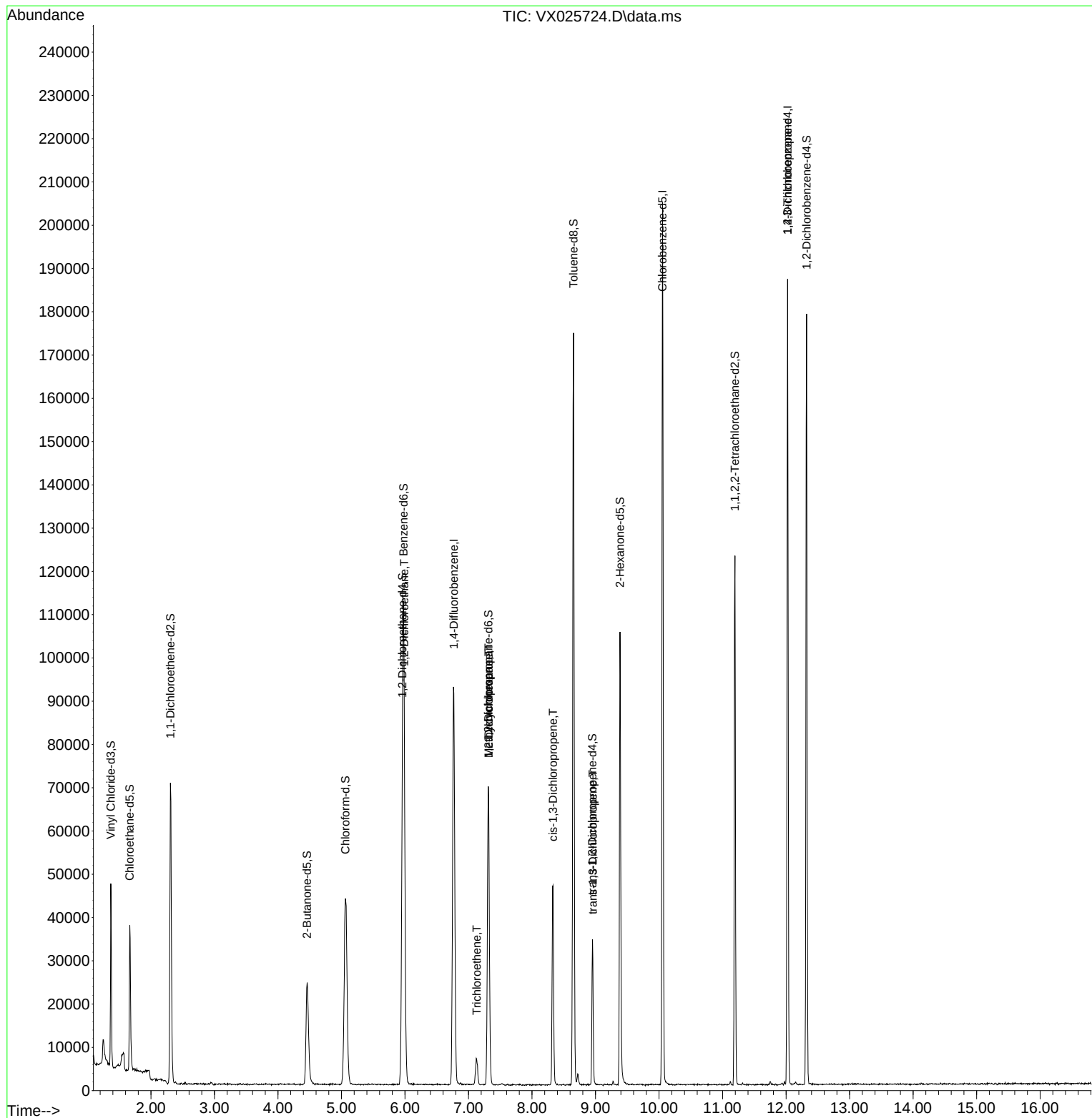
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	96892	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	37923	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25983	39.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.580%
7) Chloroethane-d5	1.666	69	23159	42.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	2.306	63	39408	37.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.760%
21) 2-Butanone-d5	4.458	46	42009	85.345	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.340%
24) Chloroform-d	5.062	84	54745	47.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
26) 1,2-Dichloroethane-d4	5.958	65	36968	51.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.640%
32) Benzene-d6	5.976	84	109836	45.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.420%
36) 1,2-Dichloropropane-d6	7.312	67	33167	44.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	8.653	98	101317	44.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.340%
43) trans-1,3-Dichloroprop...	8.952	79	15324	40.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.940%
47) 2-Hexanone-d5	9.384	63	29178	75.343	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.340%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46385	44.115	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	35507	47.737	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.989	62	613	0.772	ug/L #	73
34) Trichloroethene	7.129	95	1895	2.975	ug/L	96
35) Methylcyclohexane	7.318	83	8692	8.669	ug/L #	20
37) 1,2-Dichloropropane	7.318	63	3944	6.492	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1136	1.148	ug/L #	74
44) trans-1,3-Dichloropropene	8.958	75	704	0.740	ug/L	86
61) 1,2,3-Trichloropropane	12.024	75	4698	7.242	ug/L #	62

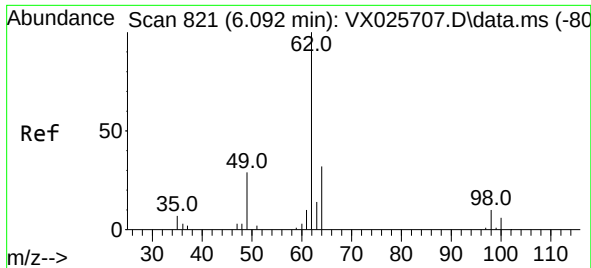
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
Data File : VX025724.D
Acq On : 11 Dec 2021 00:14
Operator : JC/MD
Sample : M4981-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 11 01:05:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.772 ug/L

RT: 5.989 min Scan# 804

Delta R.T. -0.104 min

Lab File: VX025724.D

Acq: 11 Dec 2021 00:14

Instrument :

MSVOA_X

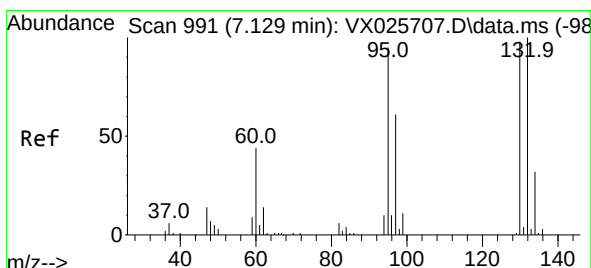
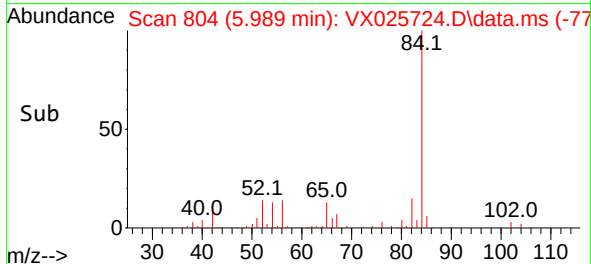
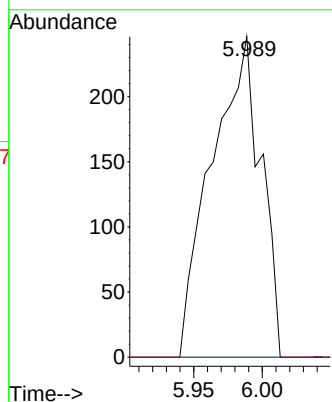
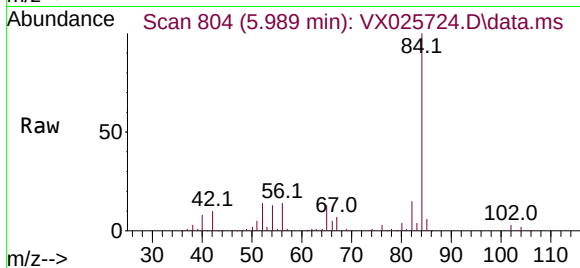
ClientSampleId :

Tgt Ion: 62 Resp: 613

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 2.975 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025724.D

Acq: 11 Dec 2021 00:14

Tgt Ion: 95 Resp: 1895

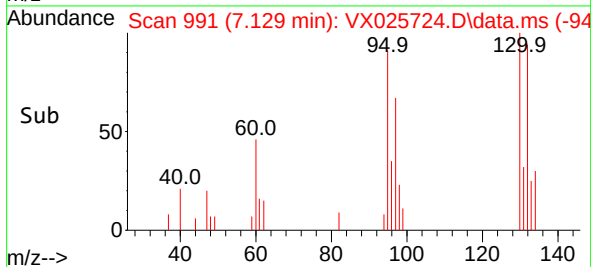
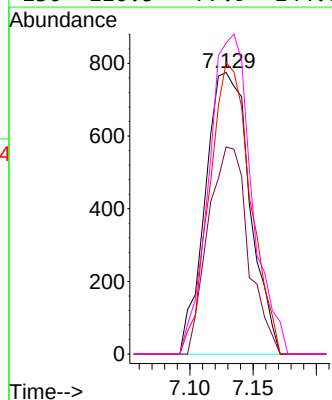
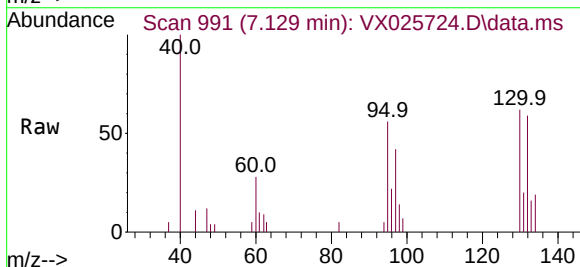
Ion Ratio Lower Upper

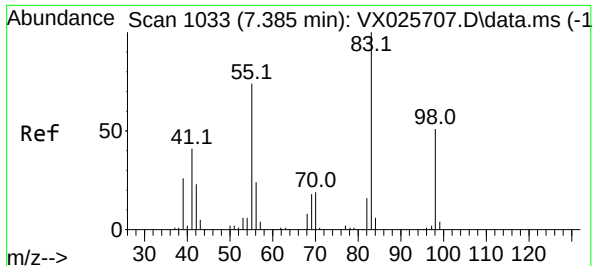
95 100

97 73.5 46.0 85.4

132 103.6 75.0 139.2

130 110.5 77.9 144.7





#35

Methylcyclohexane

Concen: 8.669 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.067 min

Lab File: VX025724.D

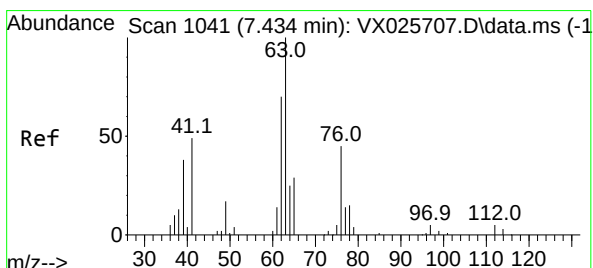
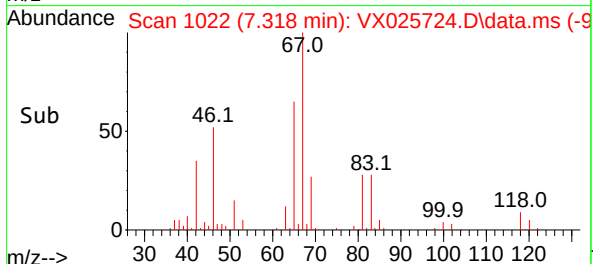
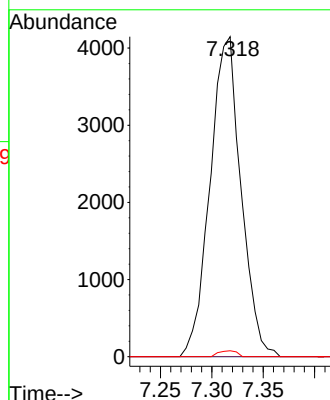
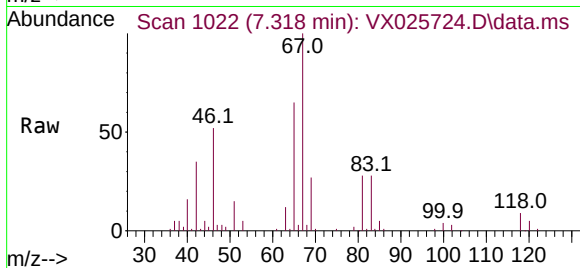
Acq: 11 Dec 2021 00:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 8692
Ion Ratio	Lower Upper
83	100
55	0.0 57.3 85.9#
98	1.1 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.492 ug/L

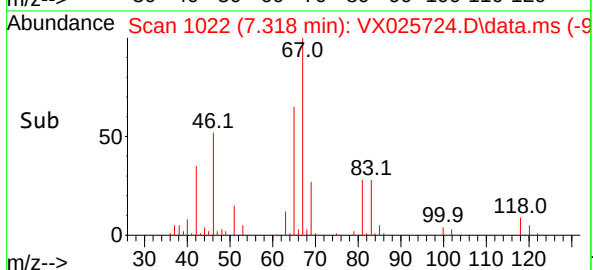
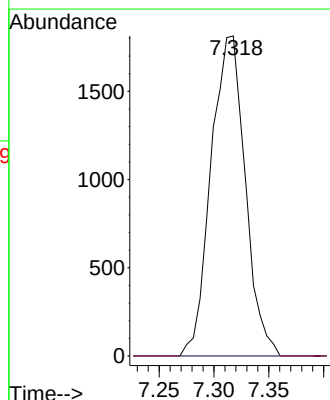
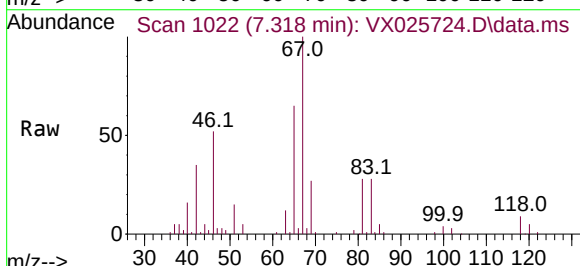
RT: 7.318 min Scan# 1022

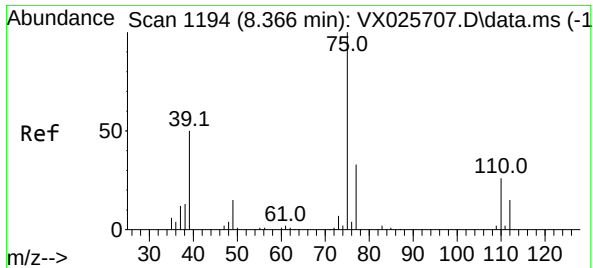
Delta R.T. -0.116 min

Lab File: VX025724.D

Acq: 11 Dec 2021 00:14

Tgt Ion: 63	Resp: 3944
Ion Ratio	Lower Upper
63	100
112	0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.148 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025724.D

Acq: 11 Dec 2021 00:14

Instrument :

MSVOA_X

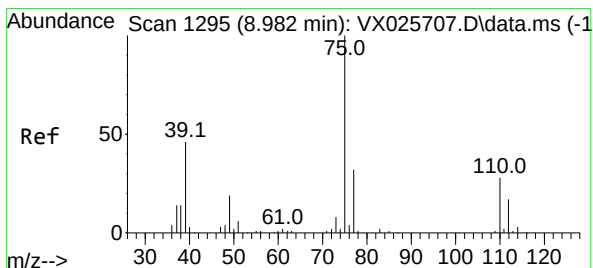
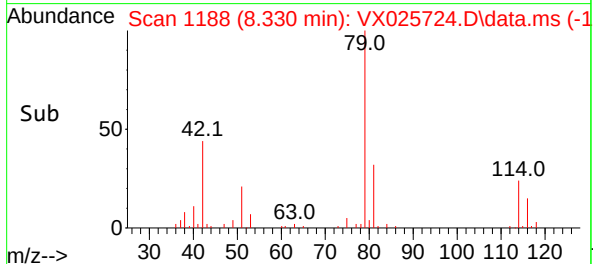
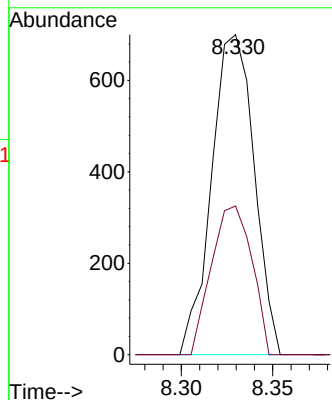
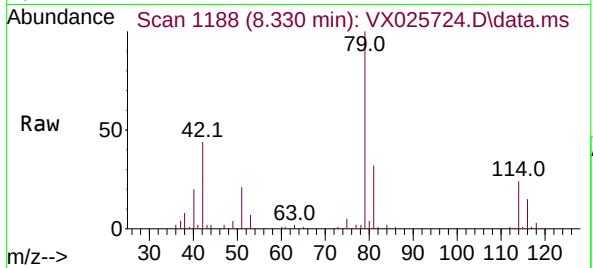
ClientSampleId :

Tgt Ion: 75 Resp: 1136

Ion Ratio Lower Upper

75 100

77 46.4 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.740 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.025 min

Lab File: VX025724.D

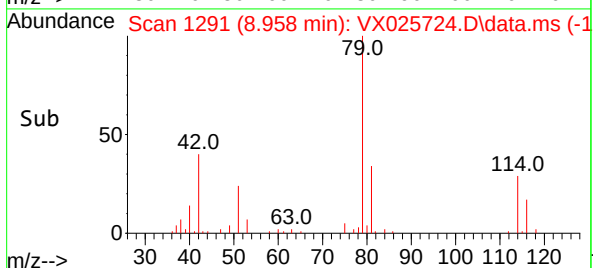
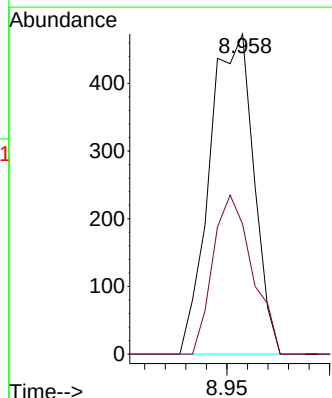
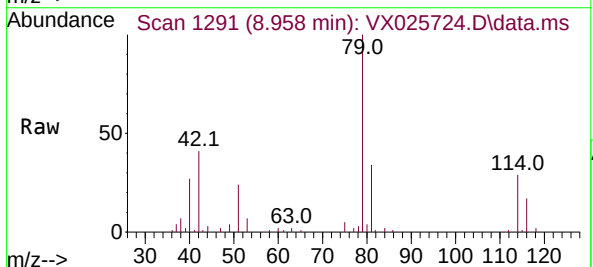
Acq: 11 Dec 2021 00:14

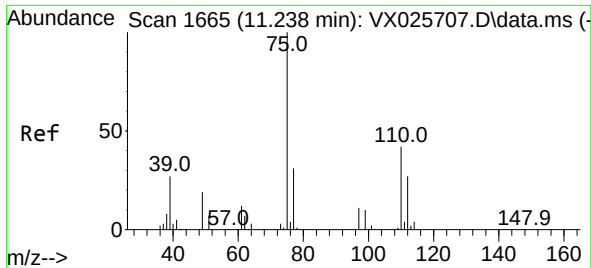
Tgt Ion: 75 Resp: 704

Ion Ratio Lower Upper

75 100

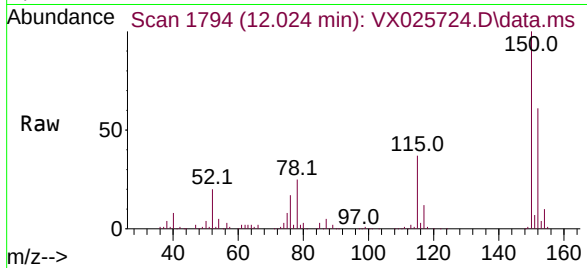
77 40.6 23.0 42.8





#61
 1,2,3-Trichloropropane
 Concen: 7.242 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025724.D
 Acq: 11 Dec 2021 00:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 4698
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8
 110 1.6 34.7 52.1#

