

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025585.D
 Acq On : 07 Dec 2021 17:50
 Operator : JC/MD
 Sample : M4881-15ME
 Misc : 4.18g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:36:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

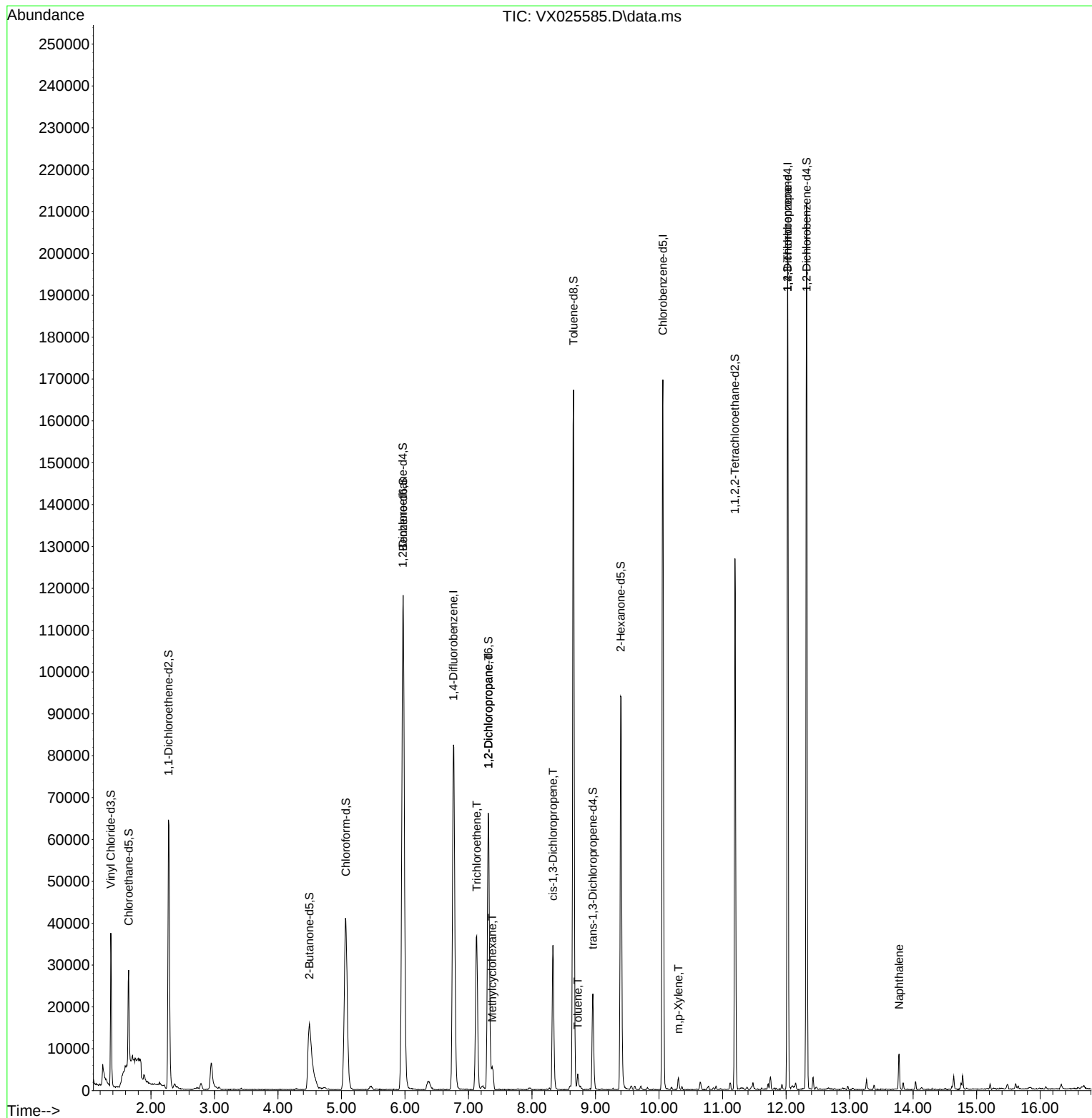
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	97200	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	86382	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	43603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25282	38.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.220%
7) Chloroethane-d5	1.648	69	13818	25.239	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.480%#
11) 1,1-Dichloroethene-d2	2.276	63	38537	36.436	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.880%
21) 2-Butanone-d5	4.495	46	44599	90.319	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.320%
24) Chloroform-d	5.068	84	54097	46.662	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	5.964	65	36532	50.554	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.100%
32) Benzene-d6	5.970	84	115453	50.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.860%
36) 1,2-Dichloropropane-d6	7.312	67	35636	50.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.540%
41) Toluene-d8	8.653	98	105931	49.021	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%
43) trans-1,3-Dichloroprop...	8.958	79	12443	34.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.840%
47) 2-Hexanone-d5	9.397	63	31849	86.318	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.320%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47846	47.762	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	12.323	152	43963	51.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.820%
Target Compounds						Qvalue
34) Trichloroethene	7.129	95	14034	23.121	ug/L	99
35) Methylcyclohexane	7.373	83	2396	2.508	ug/L	97
37) 1,2-Dichloropropane	7.312	63	4070	7.032	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	856	0.908	ug/L #	72
42) Toluene	8.720	91	2730	1.073	ug/L	94
53) m,p-Xylene	10.305	106	856	0.773	ug/L	93
61) 1,2,3-Trichloropropane	12.024	75	5021	6.731	ug/L #	63
71) Naphthalene	13.780	128	5619	2.107	ug/L	99

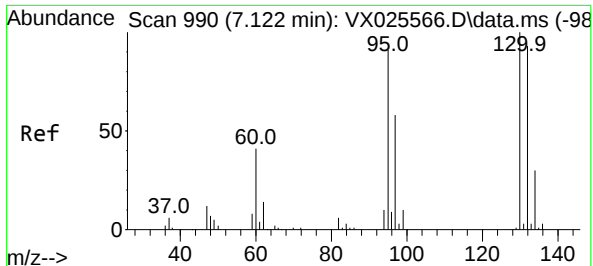
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 23.121 ug/L

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX025585.D

Acq: 07 Dec 2021 17:50

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 14034

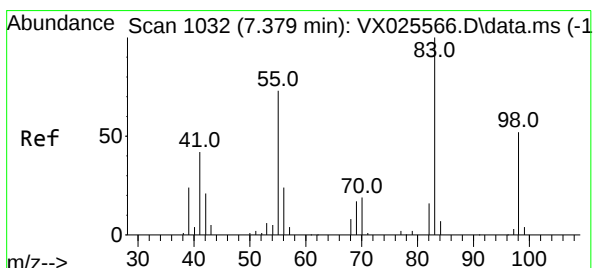
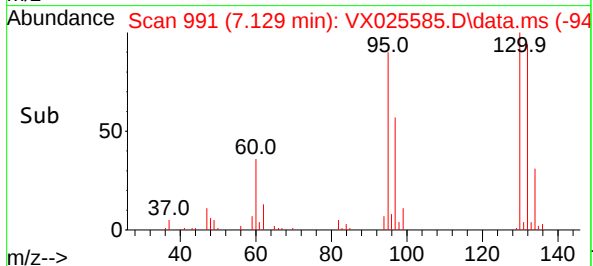
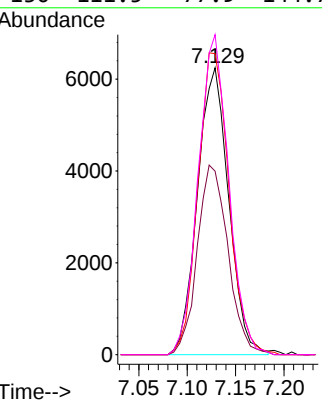
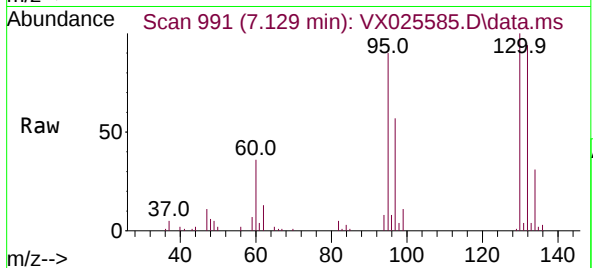
Ion Ratio Lower Upper

95 100

97 64.0 46.0 85.4

132 104.9 75.0 139.2

130 111.5 77.9 144.7



#35

Methylcyclohexane

Concen: 2.508 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX025585.D

Acq: 07 Dec 2021 17:50

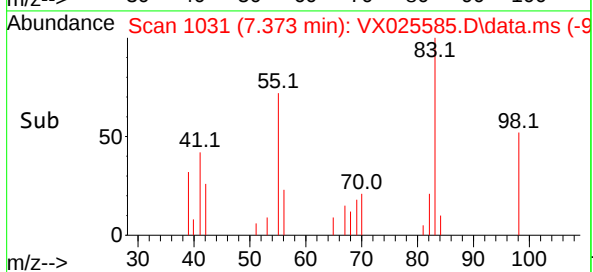
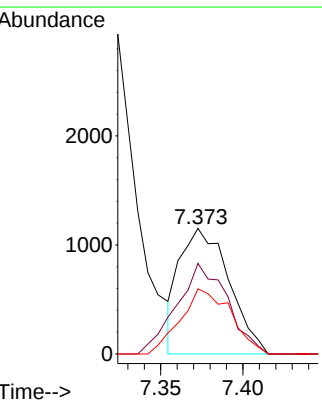
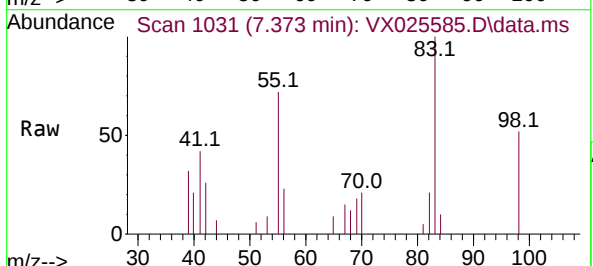
Tgt Ion: 83 Resp: 2396

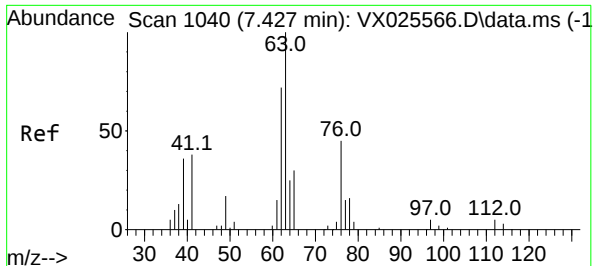
Ion Ratio Lower Upper

83 100

55 74.0 57.3 85.9

98 52.9 41.1 61.7





#37

1,2-Dichloropropane

Concen: 7.032 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025585.D

Acq: 07 Dec 2021 17:50

Instrument :

MSVOA_X

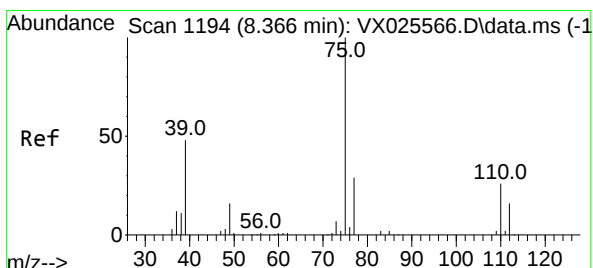
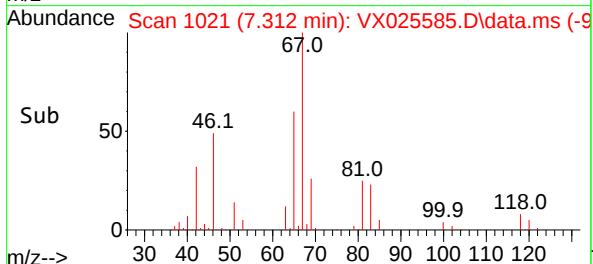
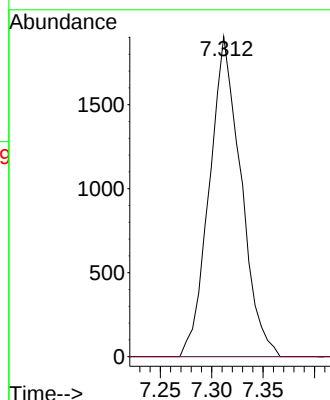
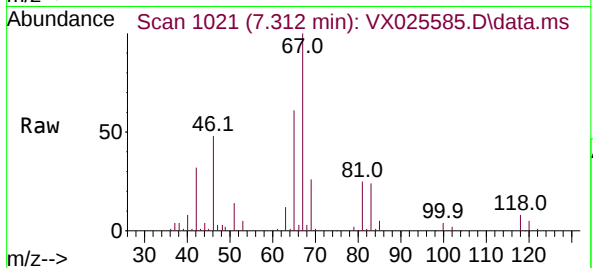
ClientSampleId :

Tgt Ion: 63 Resp: 4070

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.908 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX025585.D

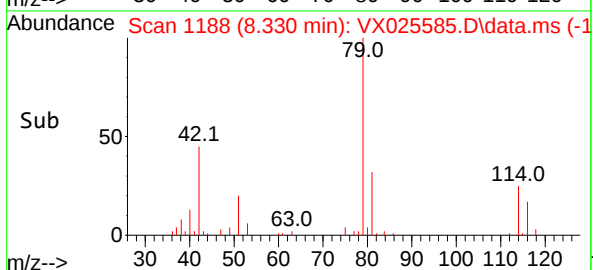
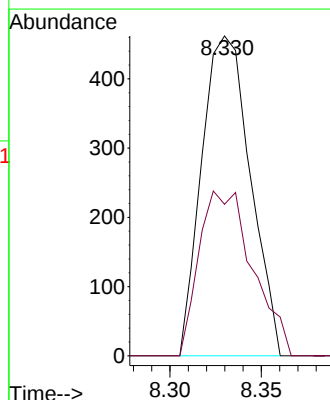
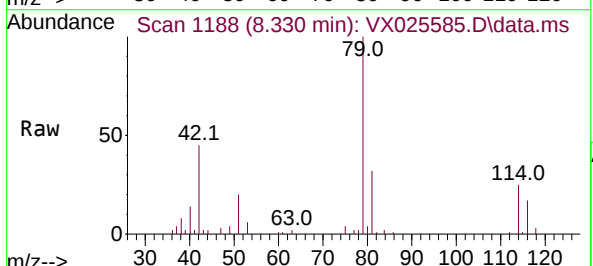
Acq: 07 Dec 2021 17:50

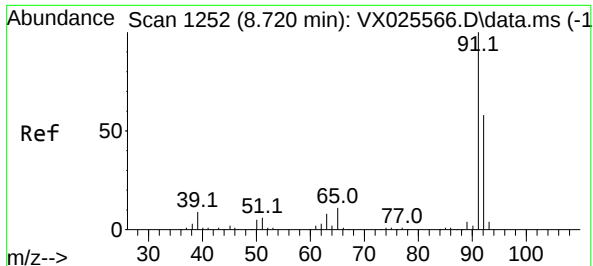
Tgt Ion: 75 Resp: 856

Ion Ratio Lower Upper

75 100

77 47.4 22.3 41.3#





#42

Toluene

Concen: 1.073 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025585.D

Acq: 07 Dec 2021 17:50

Instrument :

MSVOA_X

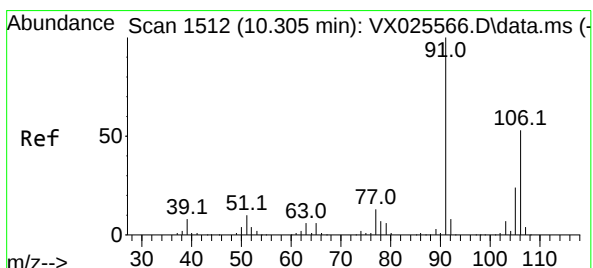
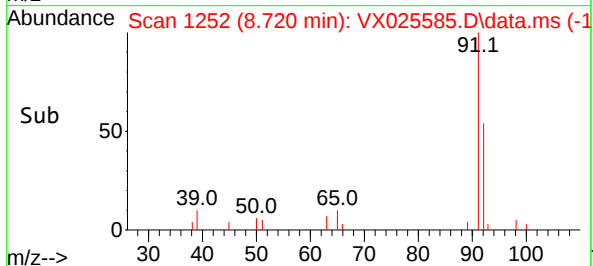
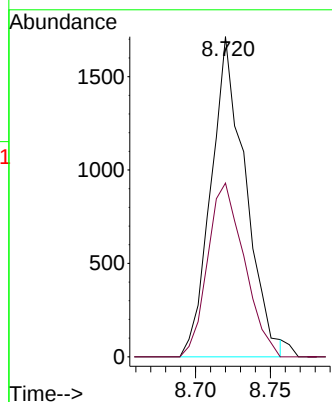
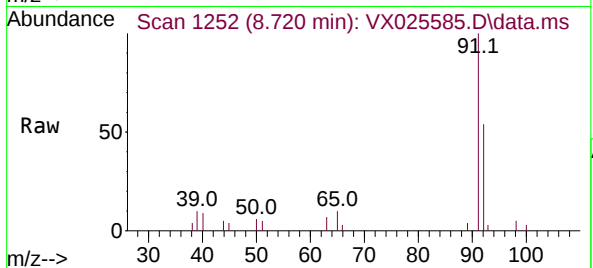
ClientSampleId :

Tgt Ion: 91 Resp: 2730

Ion Ratio Lower Upper

91 100

92 54.3 41.2 76.6



#53

m,p-Xylene

Concen: 0.773 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025585.D

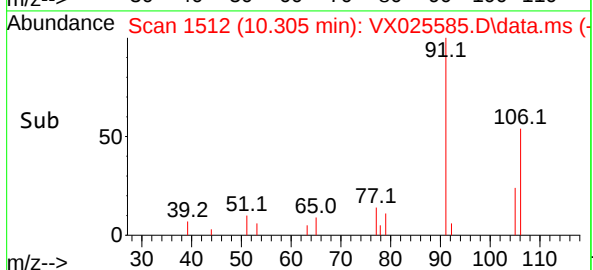
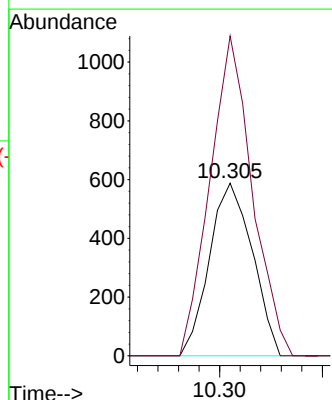
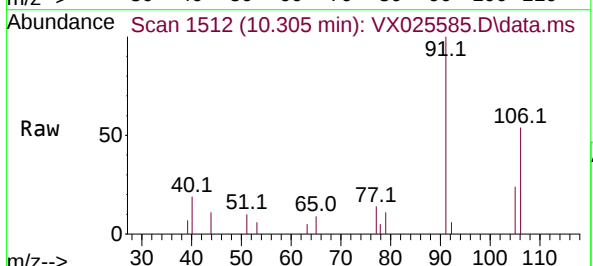
Acq: 07 Dec 2021 17:50

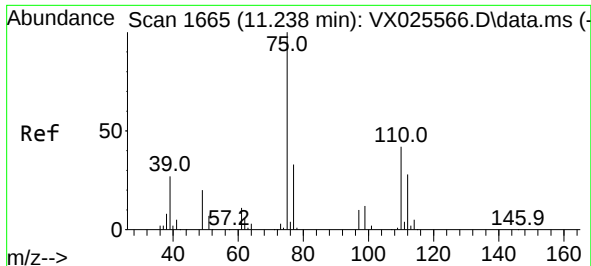
Tgt Ion:106 Resp: 856

Ion Ratio Lower Upper

106 100

91 185.2 136.8 254.2

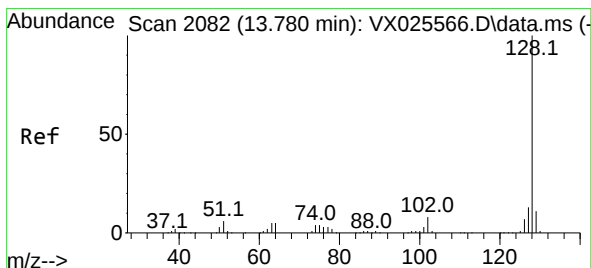
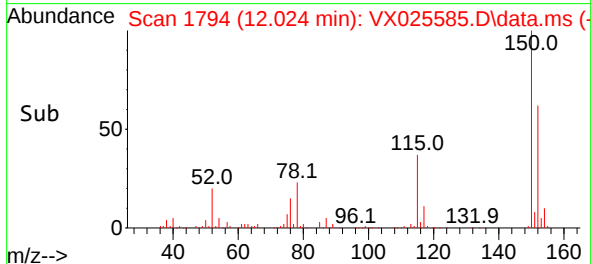
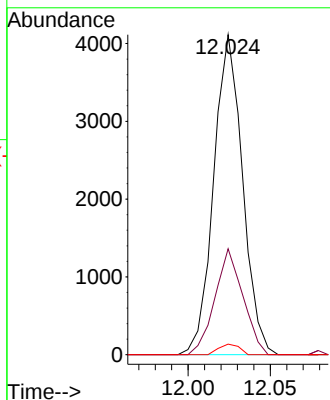
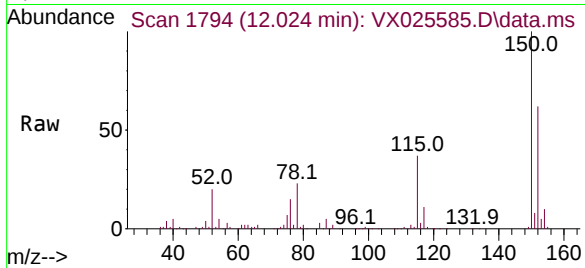




#61
1,2,3-Trichloropropane
Concen: 6.731 ug/L
RT: 12.024 min Scan# 11
Delta R.T. 0.787 min
Lab File: VX025585.D
Acq: 07 Dec 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 5021
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 2.4 34.7 52.1#



#71
Naphthalene
Concen: 2.107 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025585.D
Acq: 07 Dec 2021 17:50

Tgt Ion: 128 Resp: 5619
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 11.2 8.7 13.1

