

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025575.D
 Acq On : 07 Dec 2021 13:34
 Operator : JC/MD
 Sample : M4881-14ME
 Misc : 4.40g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:34:25 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)

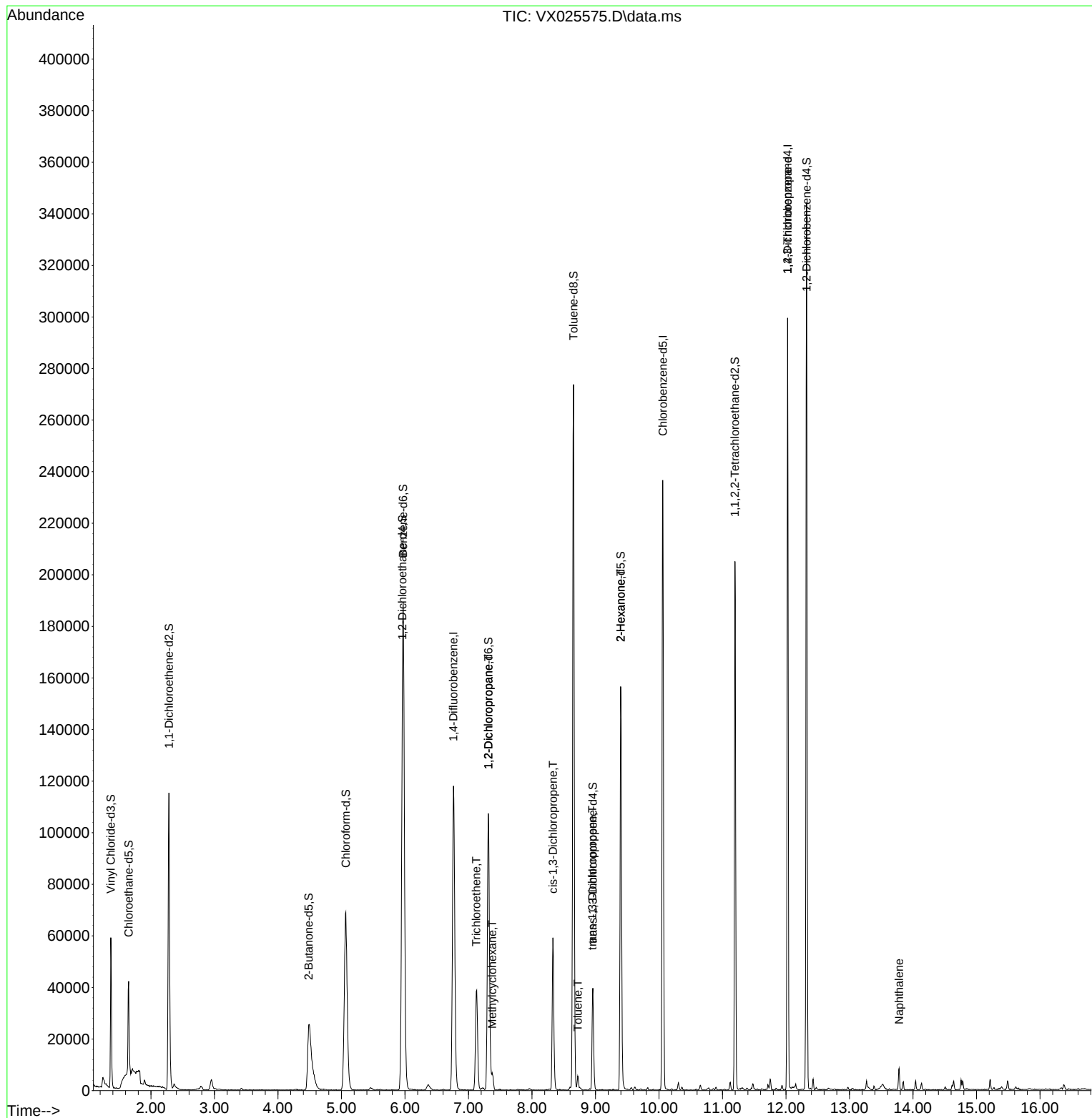
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	136501	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	122608	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40438	43.409	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.820%	
7) Chloroethane-d5	1.648	69	22489	29.250	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	58.500%#	
11) 1,1-Dichloroethene-d2	2.282	63	63477	42.736	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.480%	
21) 2-Butanone-d5	4.483	46	71928	103.725	ug/L	0.03
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.730%	
24) Chloroform-d	5.068	84	87168	53.540	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.080%	
26) 1,2-Dichloroethane-d4	5.958	65	58404	57.552	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	115.100%	
32) Benzene-d6	5.971	84	187197	57.608	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	115.220%	
36) 1,2-Dichloropropane-d6	7.312	67	56957	56.613	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	113.220%	
41) Toluene-d8	8.653	98	172178	56.136	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.280%	
43) trans-1,3-Dichloroprop...	8.958	79	20767	41.056	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.120%	
47) 2-Hexanone-d5	9.397	63	52233	99.737	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.740%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	77465	54.481	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	108.960%	
66) 1,2-Dichlorobenzene-d4	12.323	152	70546	58.498	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						Qvalue
34) Trichloroethene	7.123	95	14655	17.011	ug/L	96
35) Methylcyclohexane	7.373	83	2220	1.637	ug/L #	83
37) 1,2-Dichloropropane	7.312	63	6238	7.593	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1597	1.193	ug/L #	71
42) Toluene	8.720	91	3777	1.046	ug/L	98
44) trans-1,3-Dichloropropene	8.952	75	969	0.753	ug/L	96
48) 2-Hexanone	9.397	43	6481	6.151	ug/L #	67
61) 1,2,3-Trichloropropane	12.024	75	6972	6.629	ug/L #	61
71) Naphthalene	13.780	128	4978	1.324	ug/L	97

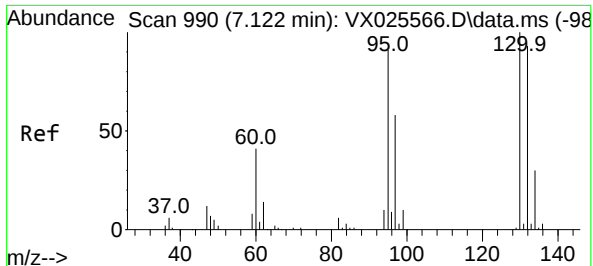
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#34

Trichloroethene

Concen: 17.011 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

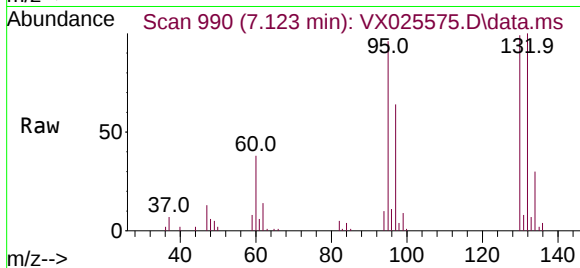
Lab File: VX025575.D

Acq: 07 Dec 2021 13:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 14655

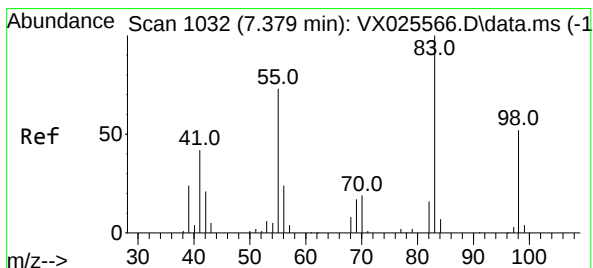
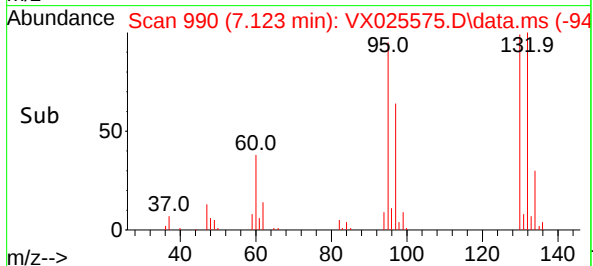
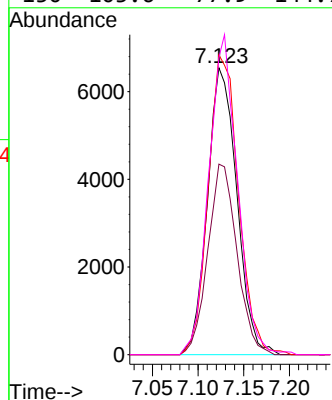
Ion Ratio Lower Upper

95 100

97 66.4 46.0 85.4

132 104.5 75.0 139.2

130 103.6 77.9 144.7



#35

Methylcyclohexane

Concen: 1.637 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX025575.D

Acq: 07 Dec 2021 13:34

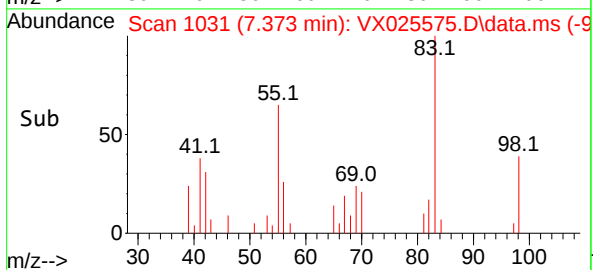
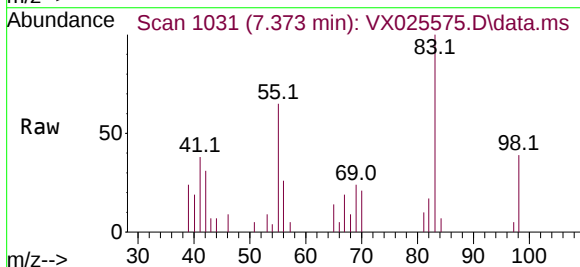
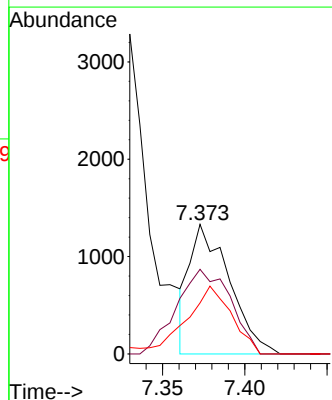
Tgt Ion: 83 Resp: 2220

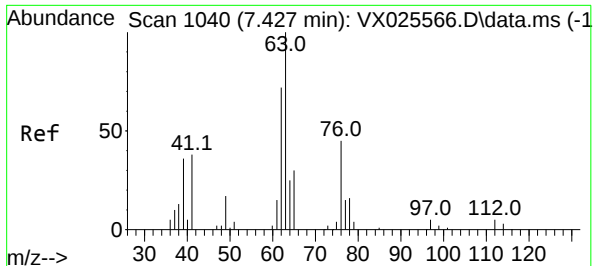
Ion Ratio Lower Upper

83 100

55 89.4 57.3 85.9#

98 59.8 41.1 61.7





#37

1,2-Dichloropropane

Concen: 7.593 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025575.D

Acq: 07 Dec 2021 13:34

Instrument :

MSVOA_X

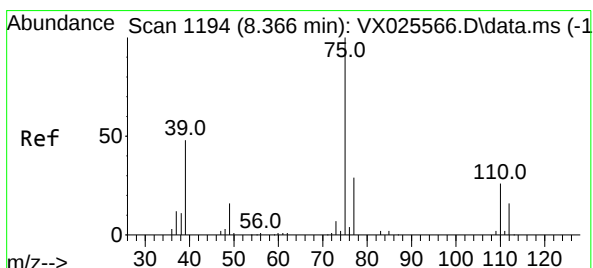
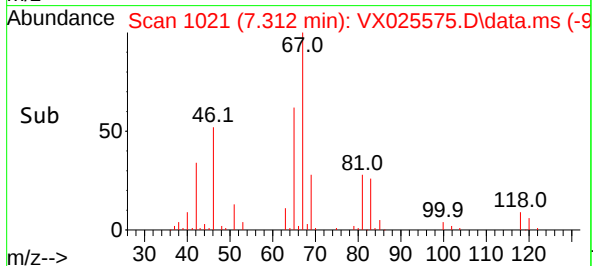
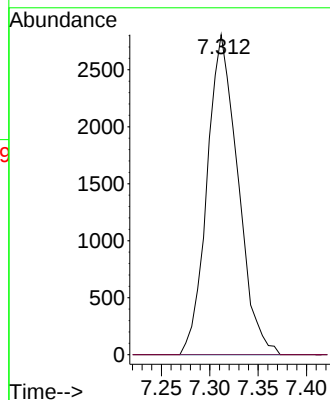
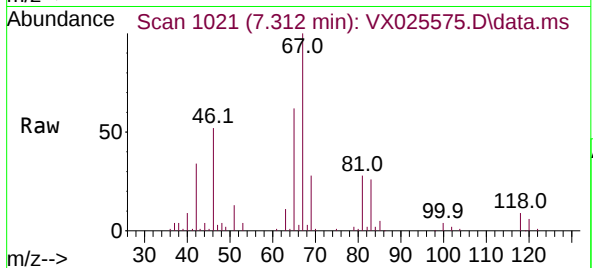
ClientSampleId :

Tgt Ion: 63 Resp: 6238

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.193 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX025575.D

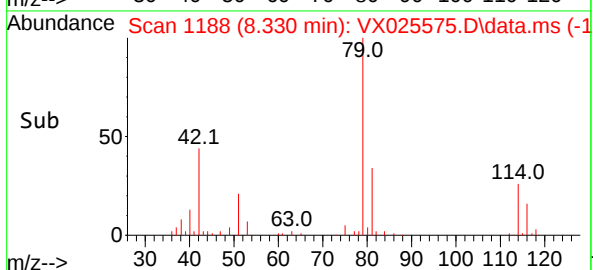
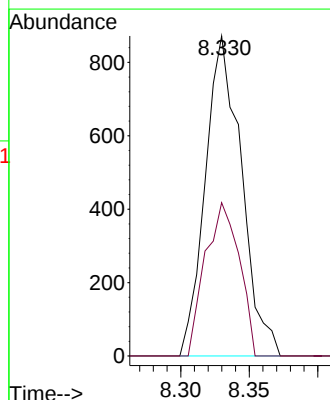
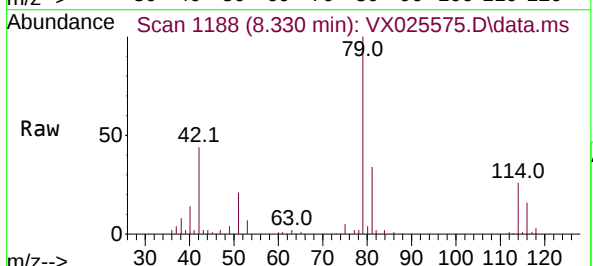
Acq: 07 Dec 2021 13:34

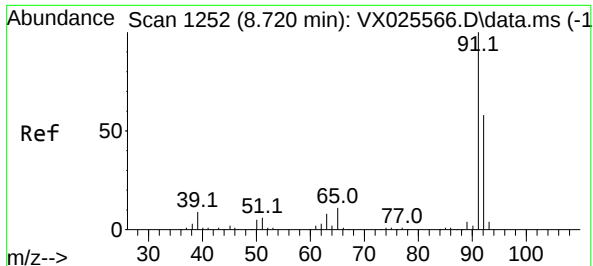
Tgt Ion: 75 Resp: 1597

Ion Ratio Lower Upper

75 100

77 47.9 22.3 41.3#





#42

Toluene

Concen: 1.046 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025575.D

Acq: 07 Dec 2021 13:34

Instrument :

MSVOA_X

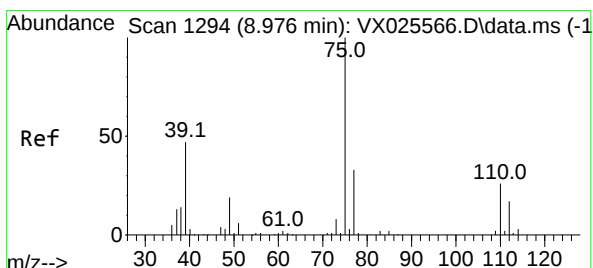
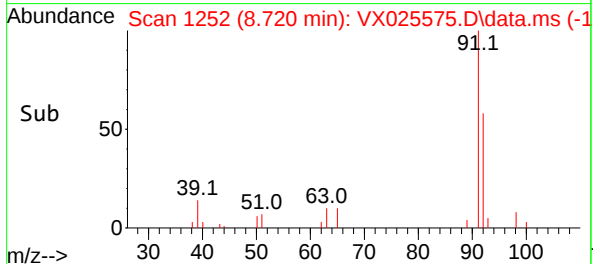
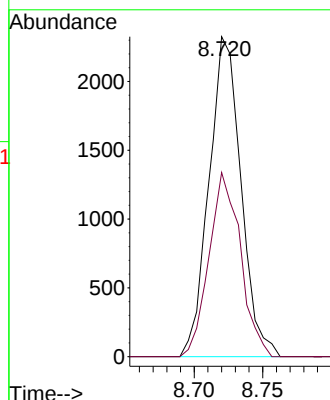
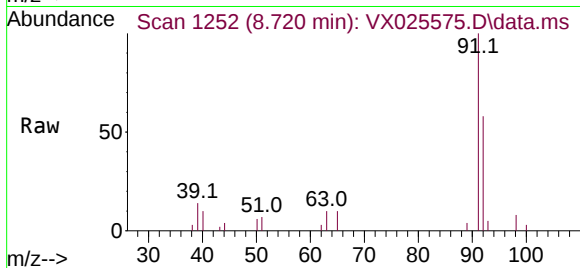
ClientSampleId :

Tgt Ion: 91 Resp: 3777

Ion Ratio Lower Upper

91 100

92 57.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.753 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025575.D

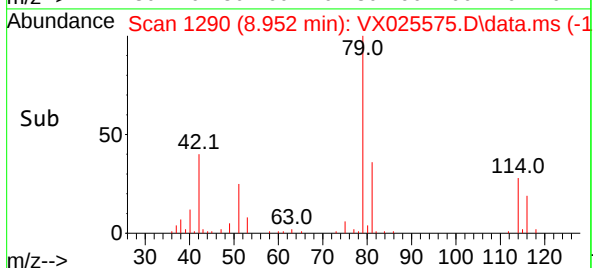
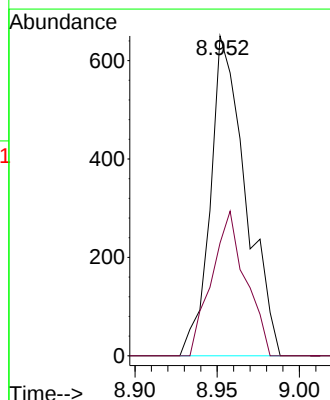
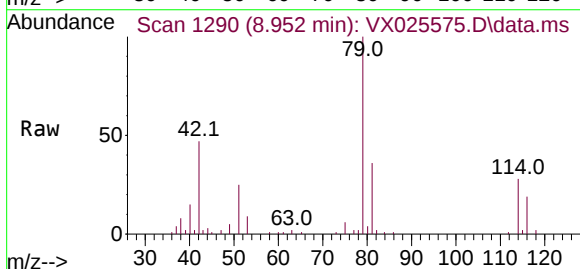
Acq: 07 Dec 2021 13:34

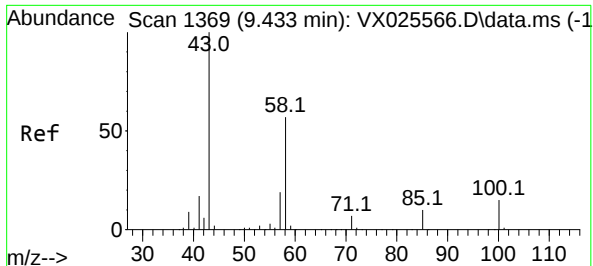
Tgt Ion: 75 Resp: 969

Ion Ratio Lower Upper

75 100

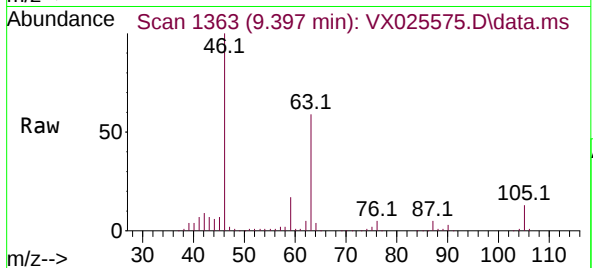
77 35.2 23.0 42.8





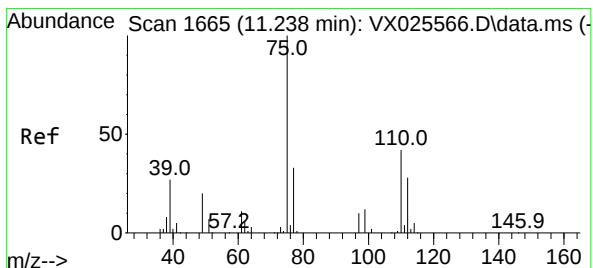
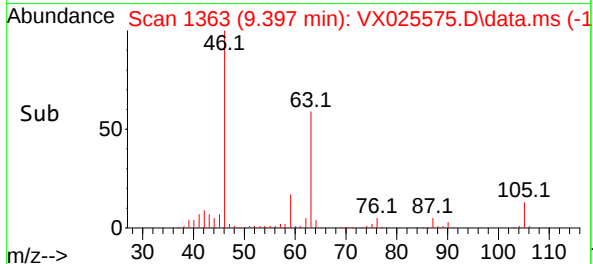
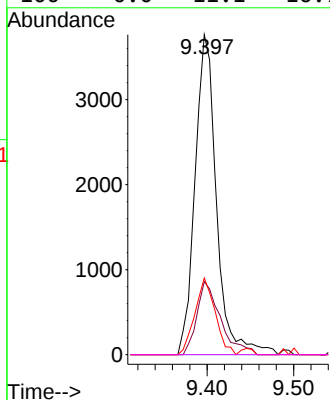
#48
2-Hexanone
Concen: 6.151 ug/L
RT: 9.397 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX025575.D
Acq: 07 Dec 2021 13:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 6481

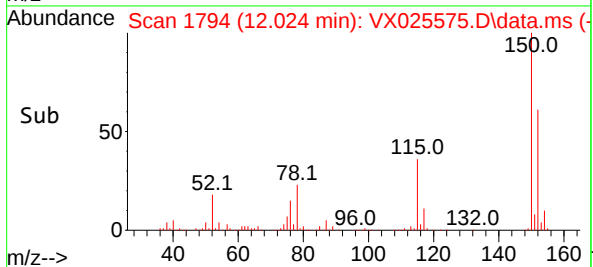
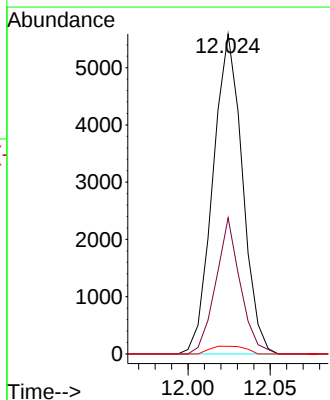
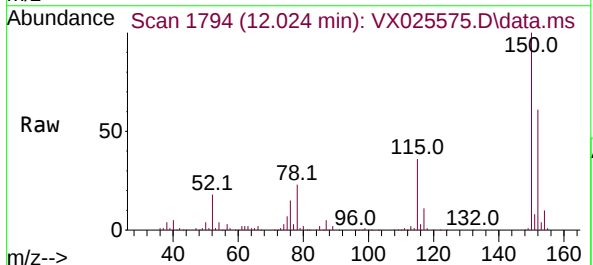
Ion	Ratio	Lower	Upper
43	100		
58	25.2	44.2	66.4#
57	22.6	15.1	22.7
100	0.0	11.1	16.7#

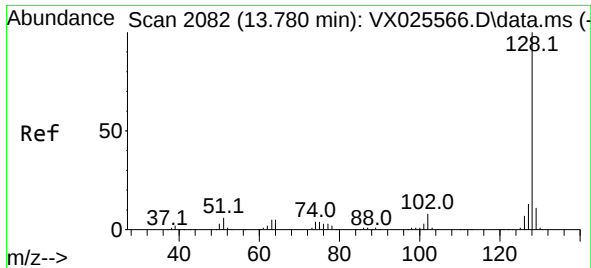


#61
1,2,3-Trichloropropane
Concen: 6.629 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.787 min
Lab File: VX025575.D
Acq: 07 Dec 2021 13:34

Tgt Ion: 75 Resp: 6972

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.8	38.8
110	2.9	34.7	52.1#





#71

Naphthalene

Concen: 1.324 ug/L

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

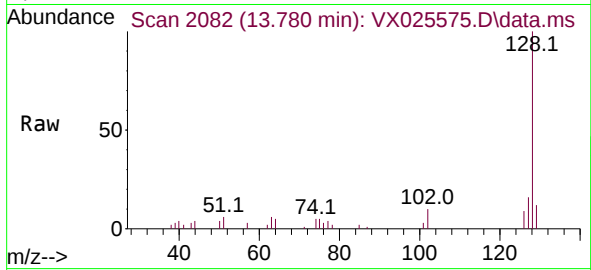
Lab File: VX025575.D

Acq: 07 Dec 2021 13:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 4978

Ion Ratio Lower Upper

128 100

127 13.8 10.1 15.1

129 12.1 8.7 13.1

