

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025624.D
 Acq On : 08 Dec 2021 16:23
 Operator : JC/MD
 Sample : M4883-08ME
 Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 01:43:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 01:41:02 2021
 Response via : Initial Calibration

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

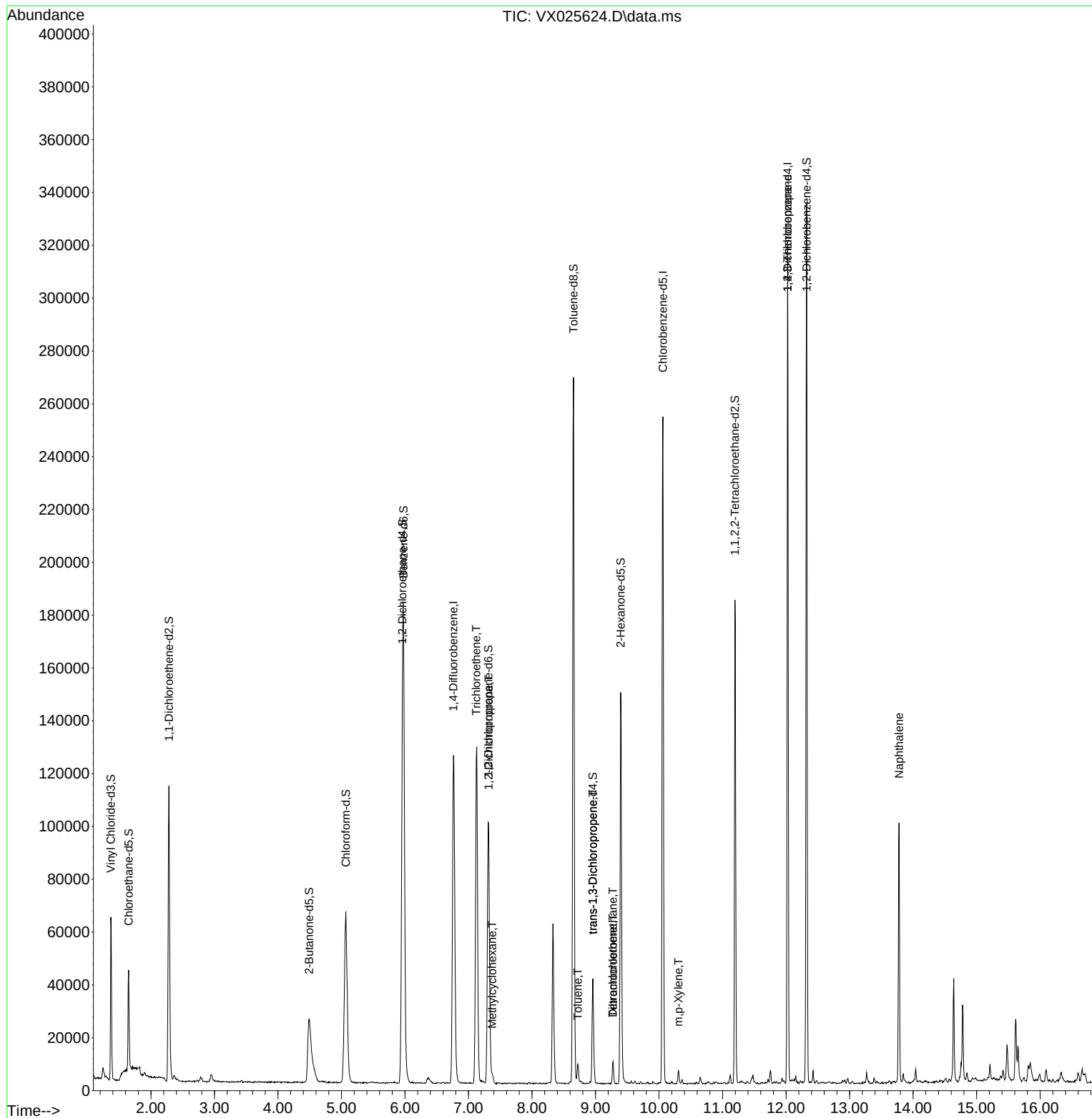
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	143679	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	130352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	43543	44.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.820%
7) Chloroethane-d5	1.648	69	23041	28.471	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.940%#
11) 1,1-Dichloroethene-d2	2.282	63	63358	40.525	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.040%
21) 2-Butanone-d5	4.489	46	66447	91.034	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.030%
24) Chloroform-d	5.068	84	81335	47.462	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	5.958	65	54284	50.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.640%
32) Benzene-d6	5.977	84	181677	52.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.180%
36) 1,2-Dichloropropane-d6	7.312	67	53510	50.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.060%
41) Toluene-d8	8.653	98	166559	51.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
43) trans-1,3-Dichloroprop...	8.958	79	20870	38.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.620%
47) 2-Hexanone-d5	9.397	63	47826	85.897	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	70301	46.505	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	66891	51.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.320%
Target Compounds						
					Qvalue	
34) Trichloroethene	7.123	95	47297	51.638	ug/L	96
35) Methylcyclohexane	7.373	83	1196	0.830	ug/L #	84
37) 1,2-Dichloropropane	7.318	63	5912	6.769	ug/L #	85
42) Toluene	8.720	91	5313	1.383	ug/L	94
44) trans-1,3-Dichloropropene	8.958	75	1053	0.770	ug/L	86
46) Tetrachloroethene	9.275	164	1599	2.059	ug/L	89
49) Dibromochloromethane	9.275	129	1519	1.422	ug/L #	12
53) m,p-Xylene	10.305	106	1499	0.897	ug/L	94
61) 1,2,3-Trichloropropane	12.024	75	7252	6.422	ug/L #	62
71) Naphthalene	13.780	128	61526	15.237	ug/L	99

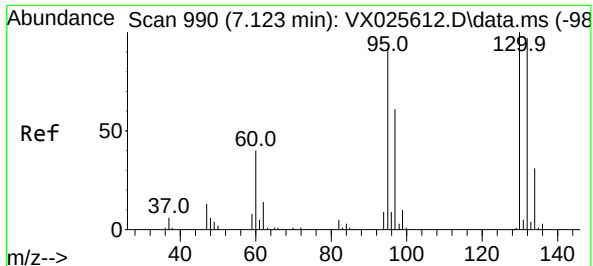
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 09 01:43:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 01:41:02 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 51.638 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

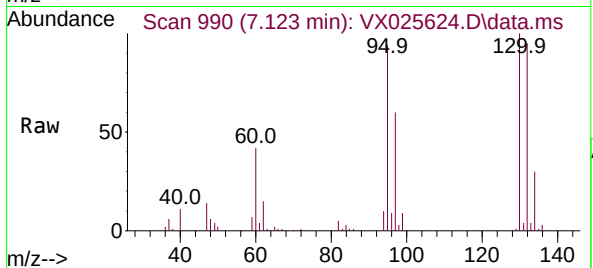
Lab File: VX025624.D

Acq: 08 Dec 2021 16:23

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 47297

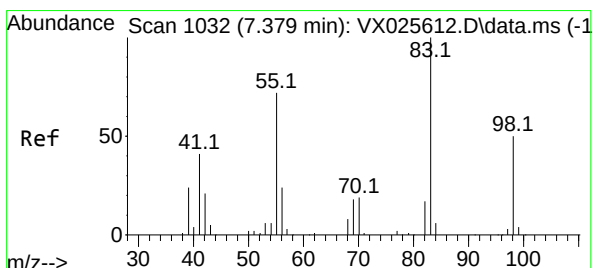
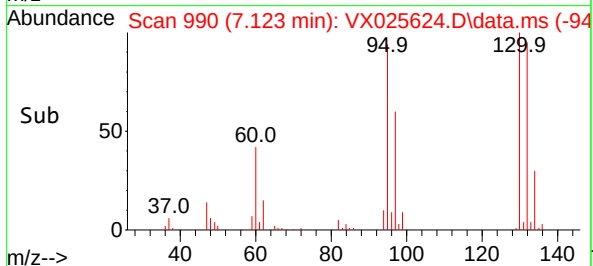
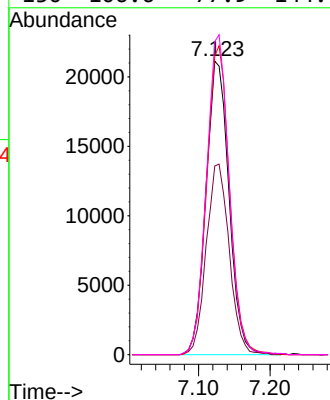
Ion Ratio Lower Upper

95 100

97 64.2 46.0 85.4

132 101.7 75.0 139.2

130 106.6 77.9 144.7



#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX025624.D

Acq: 08 Dec 2021 16:23

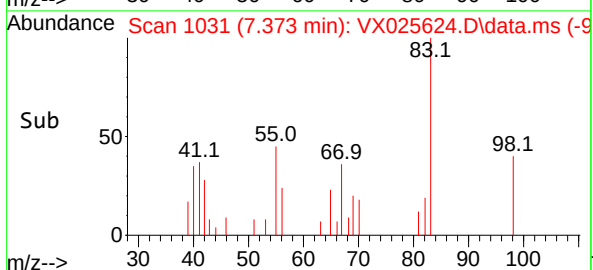
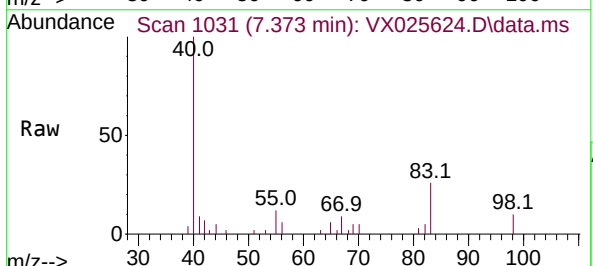
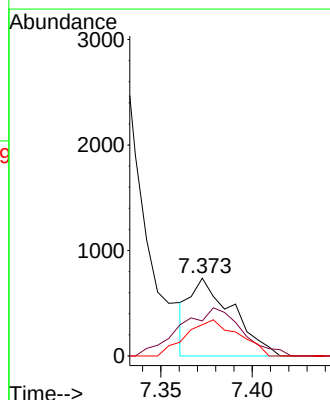
Tgt Ion: 83 Resp: 1196

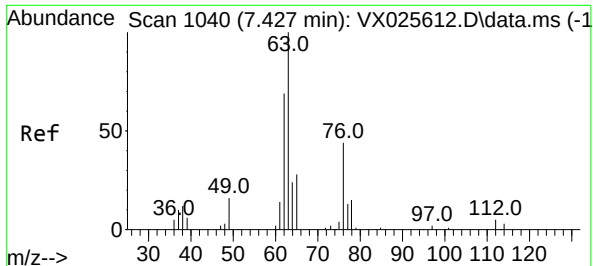
Ion Ratio Lower Upper

83 100

55 89.7 57.3 85.9#

98 56.9 41.1 61.7





#37

1,2-Dichloropropane

Concen: 6.769 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.110 min

Lab File: VX025624.D

Acq: 08 Dec 2021 16:23

Instrument :

MSVOA_X

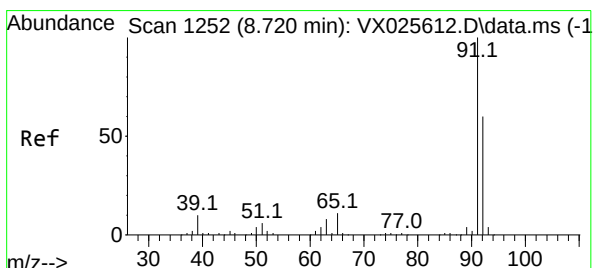
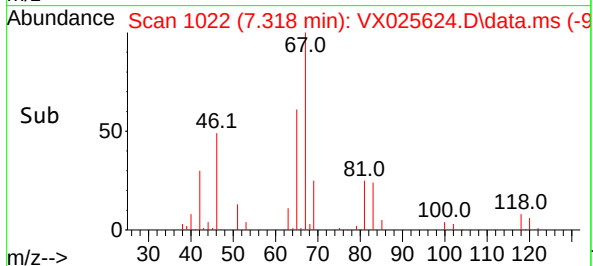
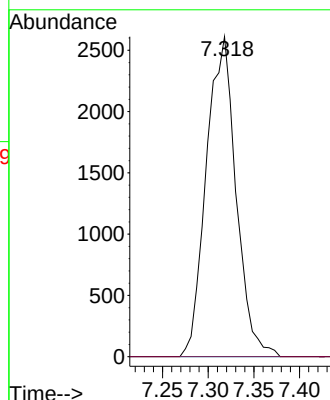
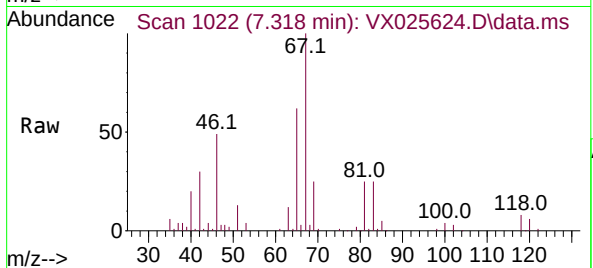
ClientSampleId :

Tgt Ion: 63 Resp: 5912

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#42

Toluene

Concen: 1.383 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025624.D

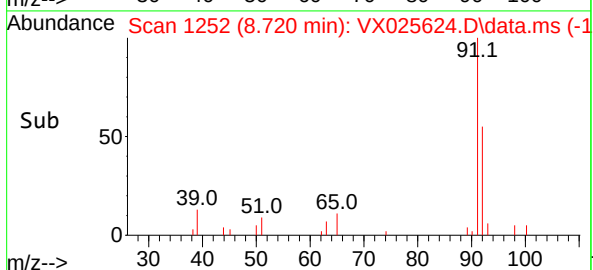
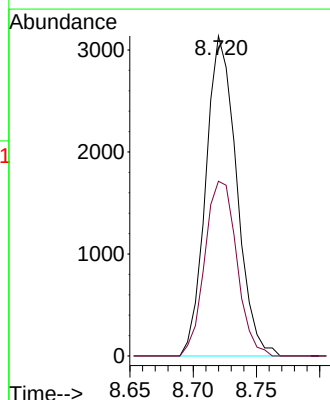
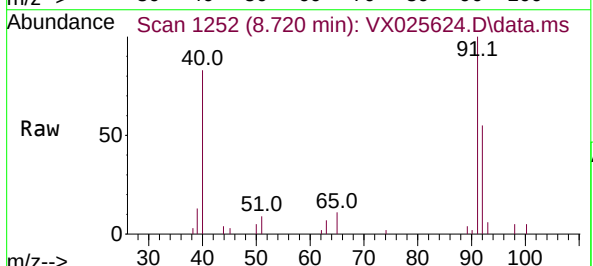
Acq: 08 Dec 2021 16:23

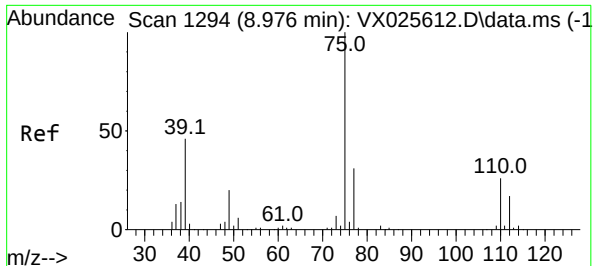
Tgt Ion: 91 Resp: 5313

Ion Ratio Lower Upper

91 100

92 54.6 41.2 76.6

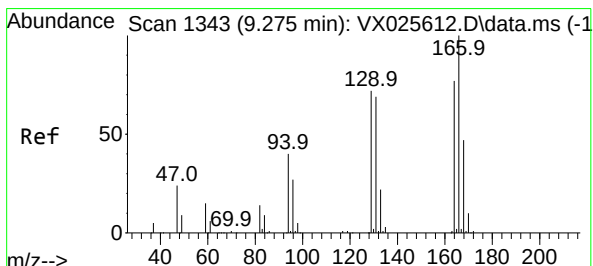
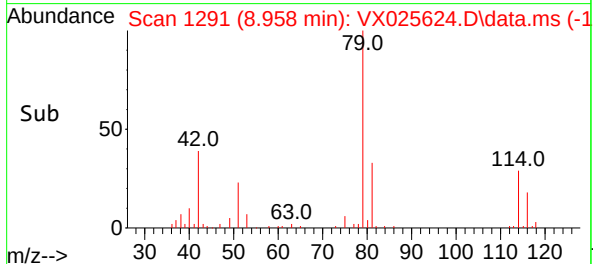
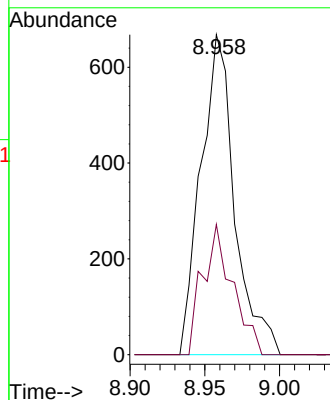
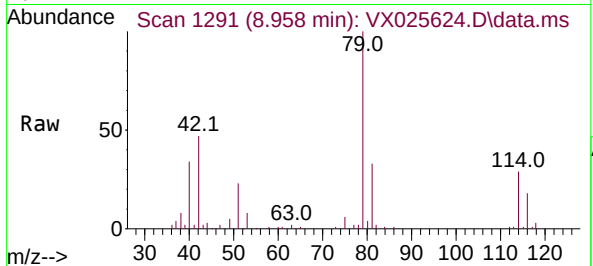




#44
trans-1,3-Dichloropropene
Concen: 0.770 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX025624.D
Acq: 08 Dec 2021 16:23

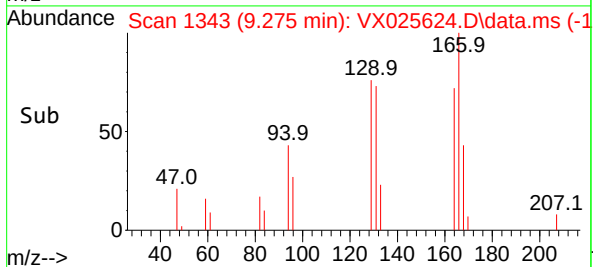
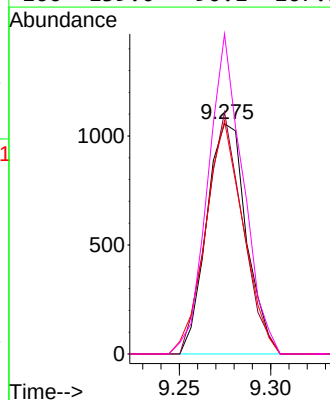
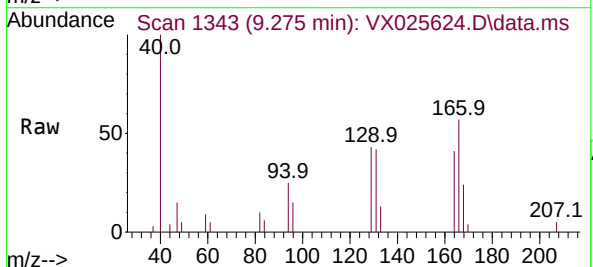
Instrument :
MSVOA_X
ClientSampleId :

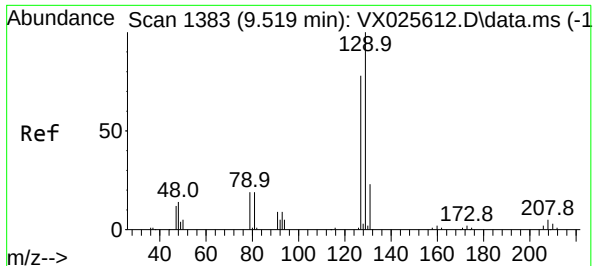
Tgt Ion: 75 Resp: 1053
Ion Ratio Lower Upper
75 100
77 40.7 23.0 42.8



#46
Tetrachloroethene
Concen: 2.059 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025624.D
Acq: 08 Dec 2021 16:23

Tgt Ion: 164 Resp: 1599
Ion Ratio Lower Upper
164 100
129 105.0 64.7 120.1
131 101.3 63.2 117.4
166 139.0 90.1 167.3





#49

Dibromochloromethane

Concen: 1.422 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX025624.D

Acq: 08 Dec 2021 16:23

Instrument :

MSVOA_X

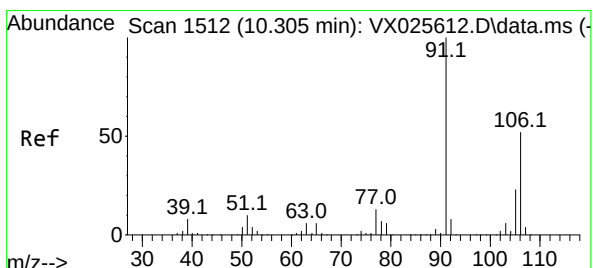
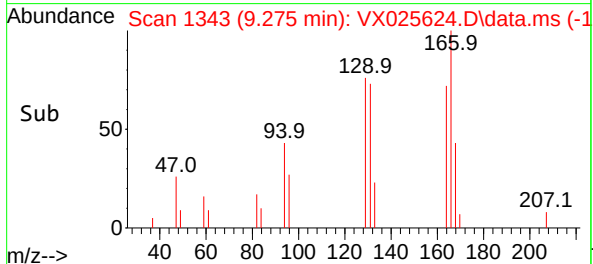
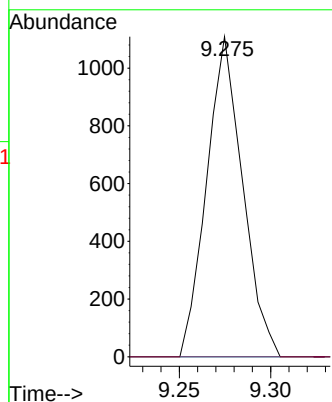
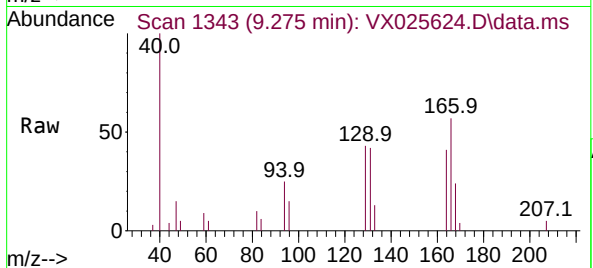
ClientSampleId :

Tgt Ion:129 Resp: 1519

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#53

m,p-Xylene

Concen: 0.897 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025624.D

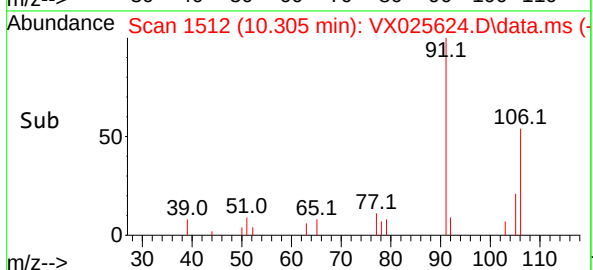
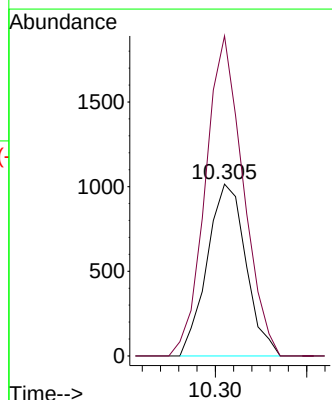
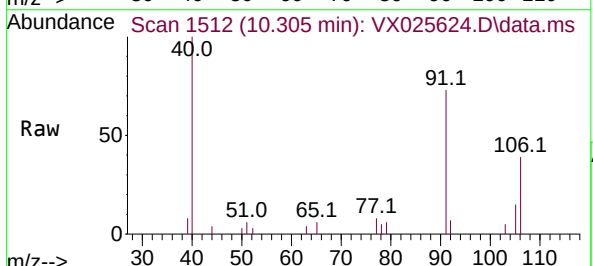
Acq: 08 Dec 2021 16:23

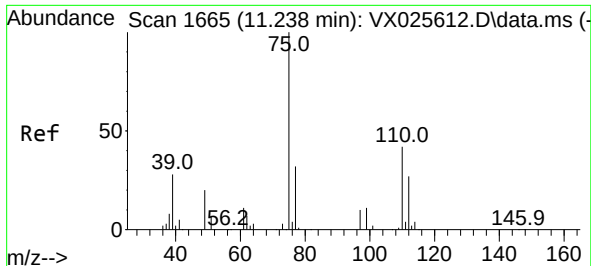
Tgt Ion:106 Resp: 1499

Ion Ratio Lower Upper

106 100

91 186.2 136.8 254.2





#61

1,2,3-Trichloropropane

Concen: 6.422 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX025624.D

Acq: 08 Dec 2021 16:23

Instrument :

MSVOA_X

ClientSampleId :

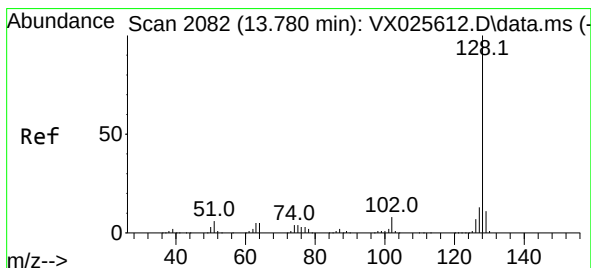
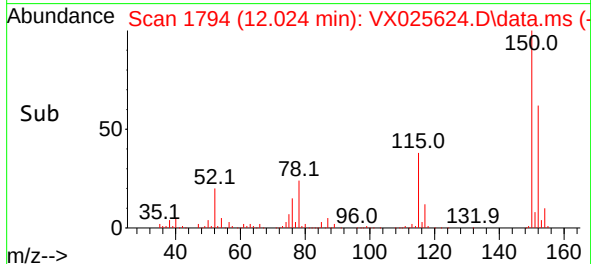
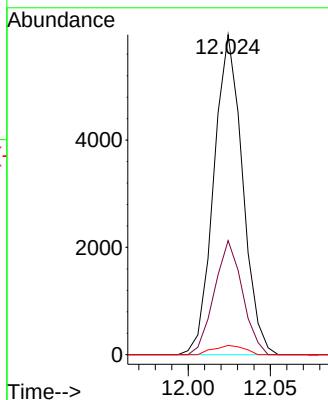
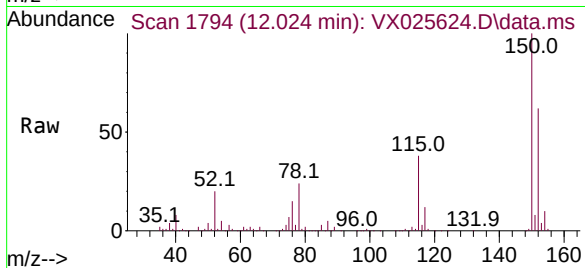
Tgt Ion: 75 Resp: 7252

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8

110 3.1 34.7 52.1#



#71

Naphthalene

Concen: 15.237 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025624.D

Acq: 08 Dec 2021 16:23

Tgt Ion: 128 Resp: 61526

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.2 8.7 13.1

