

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025632.D
 Acq On : 08 Dec 2021 20:16
 Operator : JC/MD
 Sample : M4885-15MEDL 10X
 Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 03:30:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

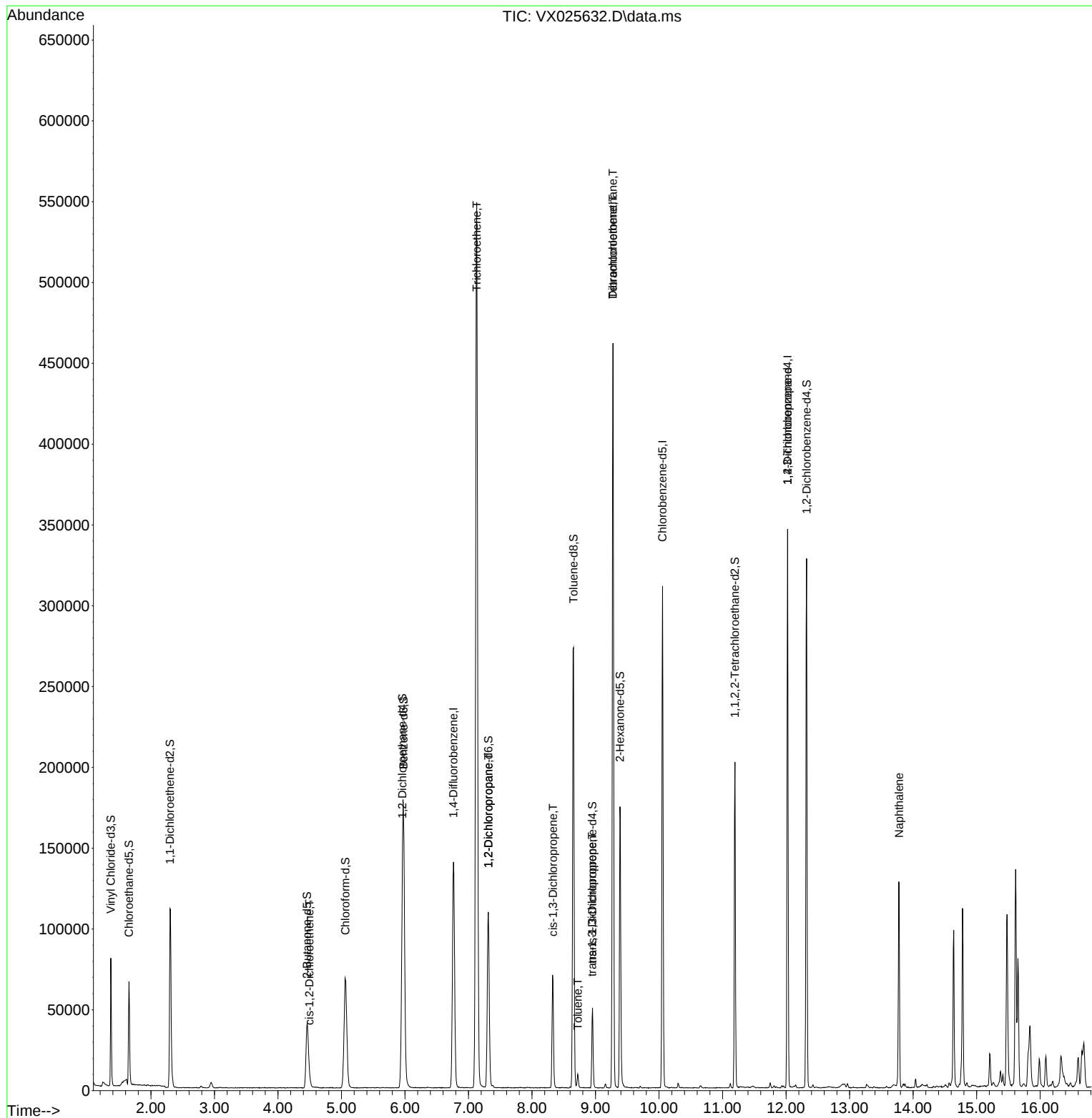
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	151484	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47017	45.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.960%
7) Chloroethane-d5	1.654	69	40659	47.653	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.300%
11) 1,1-Dichloroethene-d2	2.300	63	61562	37.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.700%
21) 2-Butanone-d5	4.459	46	69168	89.879	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.880%
24) Chloroform-d	5.062	84	83600	46.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
26) 1,2-Dichloroethane-d4	5.958	65	55788	49.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.080%
32) Benzene-d6	5.977	84	179286	48.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	7.312	67	54069	47.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.100%
41) Toluene-d8	8.653	98	165727	47.300	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.952	79	22074	38.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.400%
47) 2-Hexanone-d5	9.385	63	50865	85.022	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.020%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	72704	44.761	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.520%
66) 1,2-Dichlorobenzene-d4	12.323	152	67768	48.715	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.495	96	852	0.826	ug/L	97
34) Trichloroethene	7.129	95	203535	206.814	ug/L	98
37) 1,2-Dichloropropane	7.312	63	6071	6.469	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1543	1.009	ug/L #	56
42) Toluene	8.720	91	5116	1.240	ug/L	94
44) trans-1,3-Dichloropropene	8.946	75	1065	0.725	ug/L	94
46) Tetrachloroethene	9.275	164	87551	104.898	ug/L	99
49) Dibromochloromethane	9.275	129	80489	70.118	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	7752	6.389	ug/L #	63
71) Naphthalene	13.780	128	82313	18.974	ug/L	100

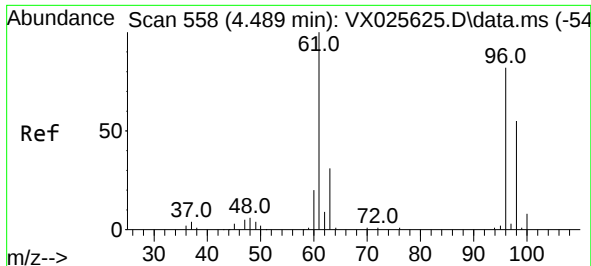
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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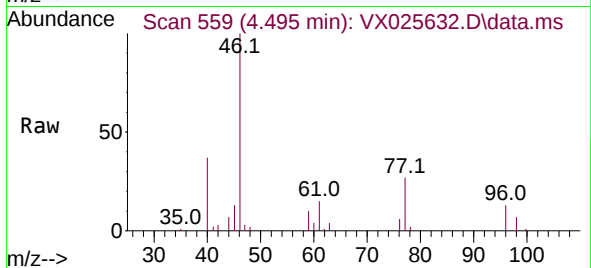
Quant Time: Dec 09 03:30:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
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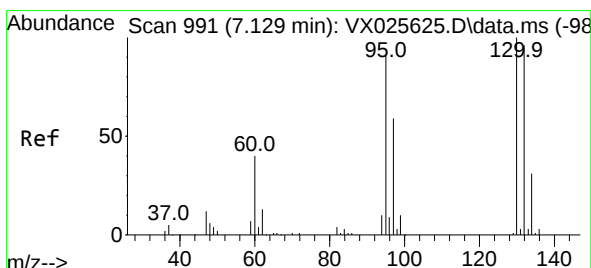
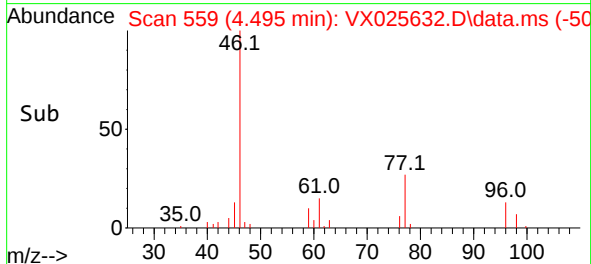
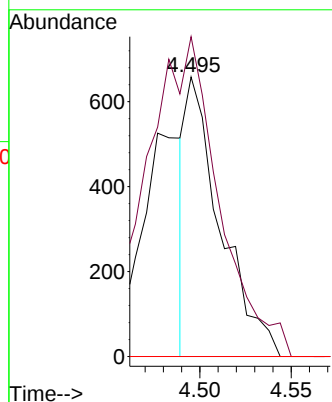


#20
cis-1,2-Dichloroethene
Concen: 0.826 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025632.D
Acq: 08 Dec 2021 20:16

Instrument :
MSVOA_X
ClientSampleId :

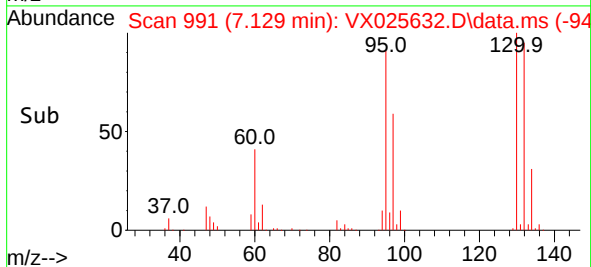
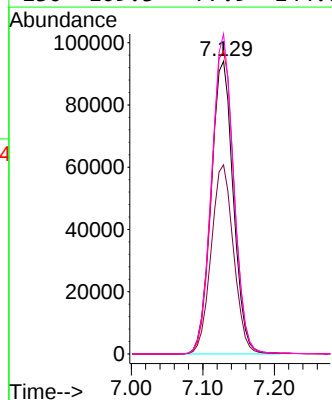
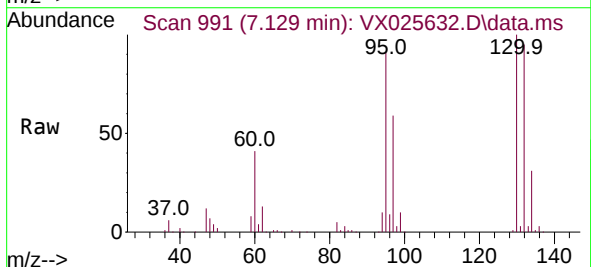


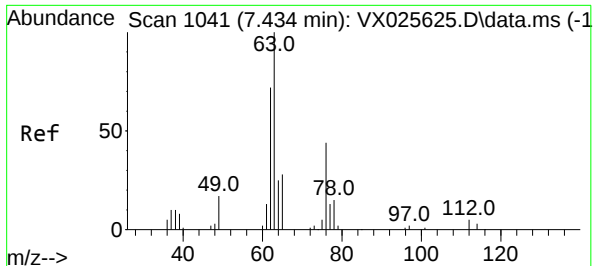
Tgt Ion: 96 Resp: 852
Ion Ratio Lower Upper
96 100
61 114.4 82.3 152.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 206.814 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025632.D
Acq: 08 Dec 2021 20:16

Tgt Ion: 95 Resp: 203535
Ion Ratio Lower Upper
95 100
97 64.6 46.0 85.4
132 103.4 75.0 139.2
130 109.3 77.9 144.7





#37

1,2-Dichloropropane

Concen: 6.469 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025632.D

Acq: 08 Dec 2021 20:16

Instrument :

MSVOA_X

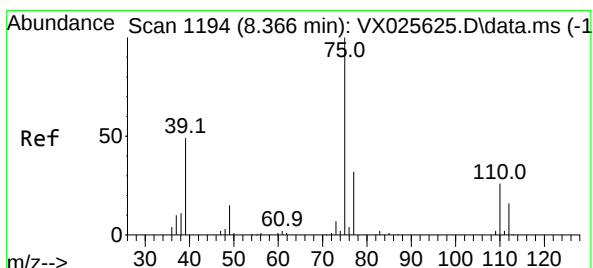
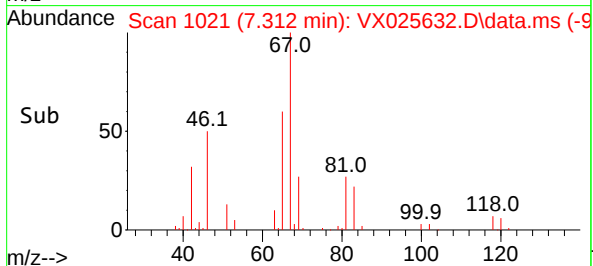
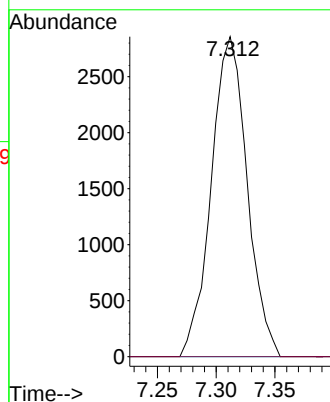
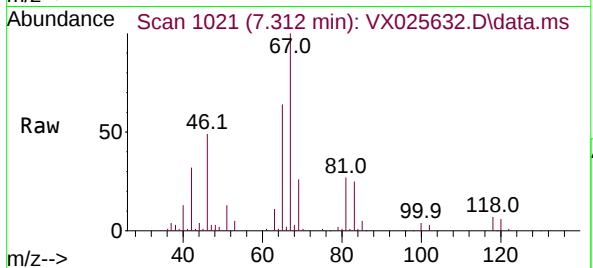
ClientSampleId :

Tgt Ion: 63 Resp: 6071

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.009 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025632.D

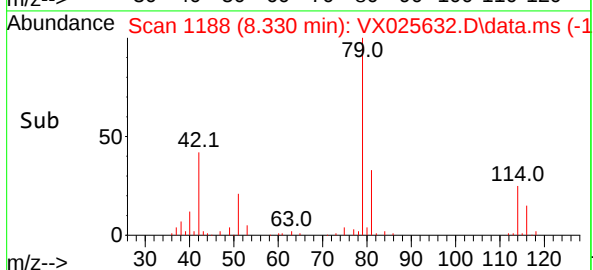
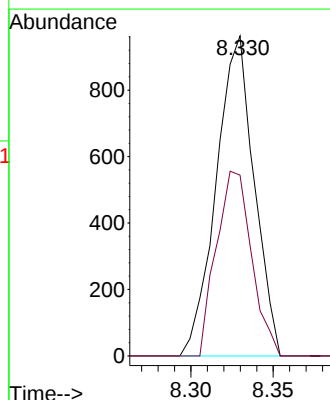
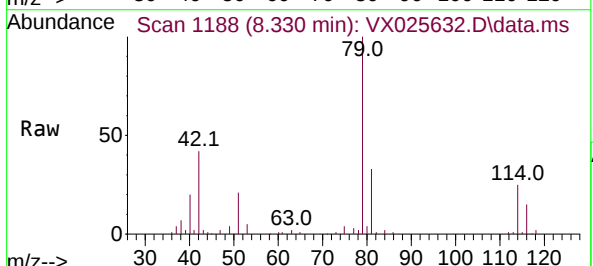
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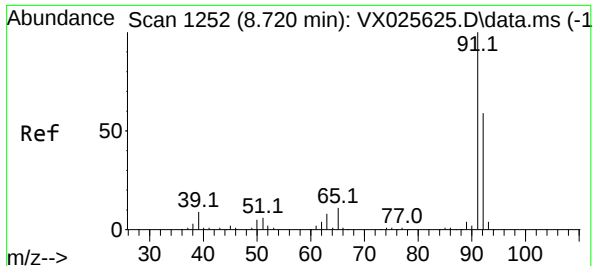
Tgt Ion: 75 Resp: 1543

Ion Ratio Lower Upper

75 100

77 56.5 22.3 41.3#





#42

Toluene

Concen: 1.240 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025632.D

Acq: 08 Dec 2021 20:16

Instrument :

MSVOA_X

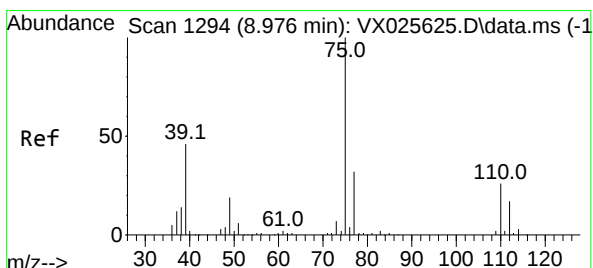
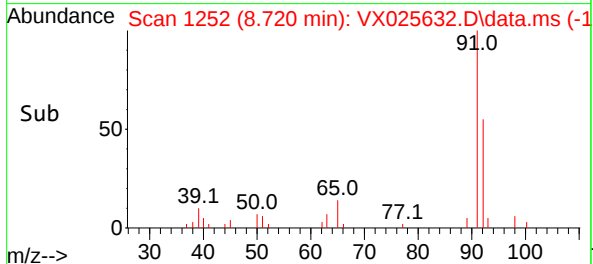
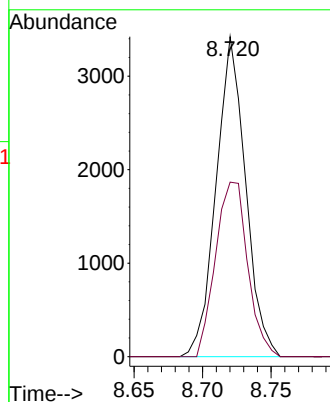
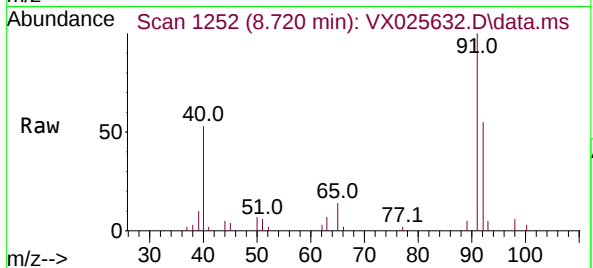
ClientSampleId :

Tgt Ion: 91 Resp: 5116

Ion Ratio Lower Upper

91 100

92 54.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 8.946 min Scan# 1289

Delta R.T. -0.030 min

Lab File: VX025632.D

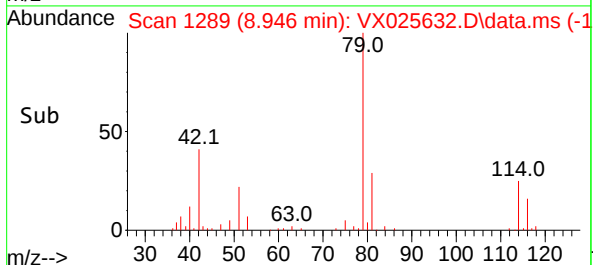
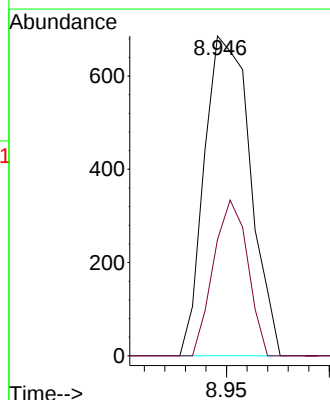
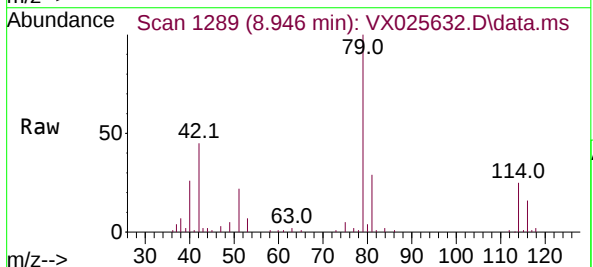
Acq: 08 Dec 2021 20:16

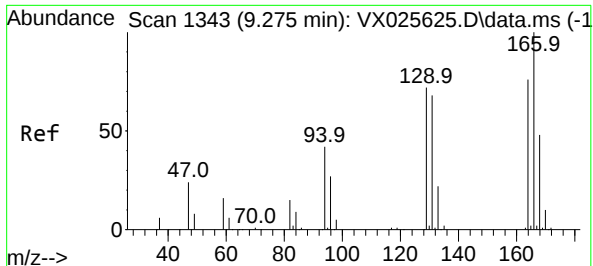
Tgt Ion: 75 Resp: 1065

Ion Ratio Lower Upper

75 100

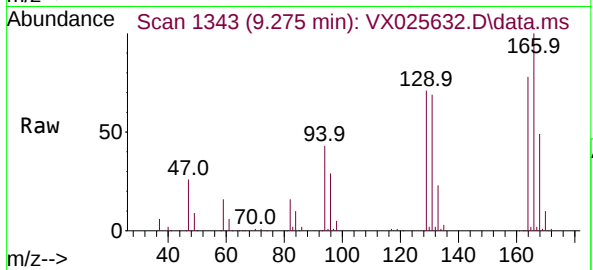
77 36.3 23.0 42.8





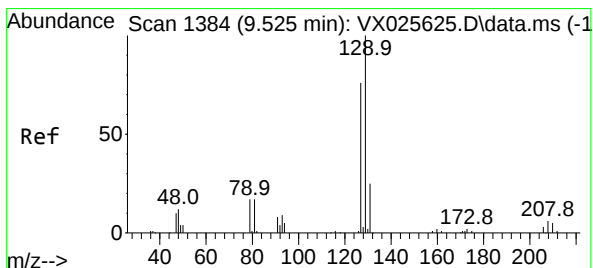
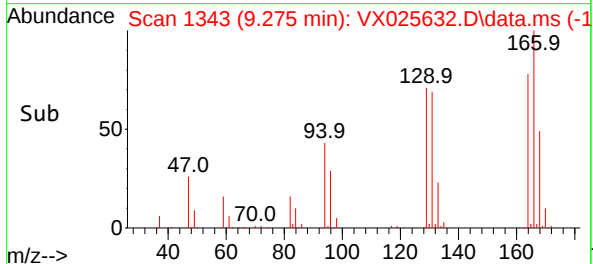
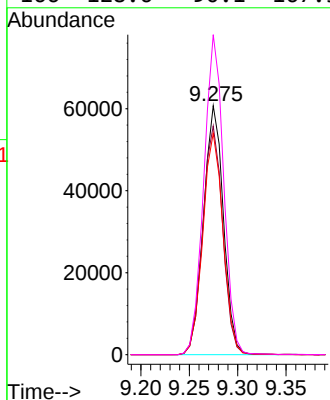
#46
Tetrachloroethene
Concen: 104.898 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025632.D
Acq: 08 Dec 2021 20:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 87551

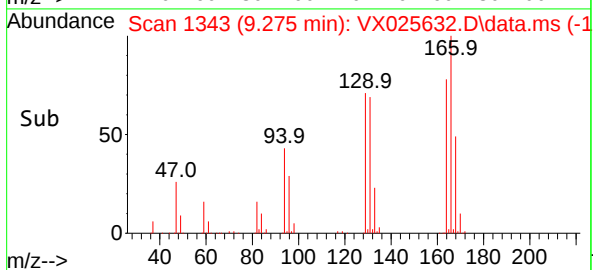
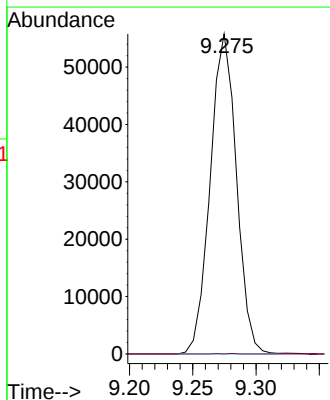
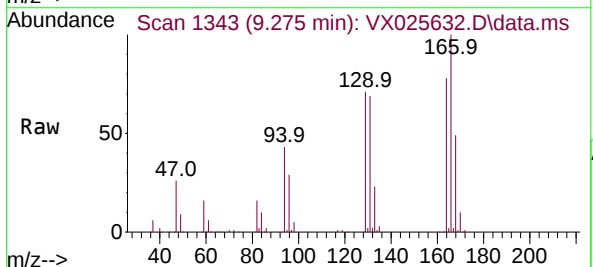
Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.7	120.1
131	89.0	63.2	117.4
166	128.6	90.1	167.3

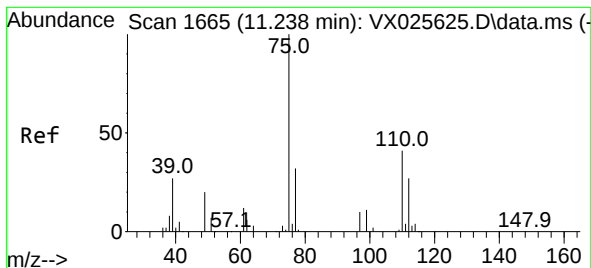


#49
Dibromochloromethane
Concen: 70.118 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025632.D
Acq: 08 Dec 2021 20:16

Tgt Ion:129 Resp: 80489

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#61

1,2,3-Trichloropropane

Concen: 6.389 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.786 min

Lab File: VX025632.D

Acq: 08 Dec 2021 20:16

Instrument :

MSVOA_X

ClientSampleId :

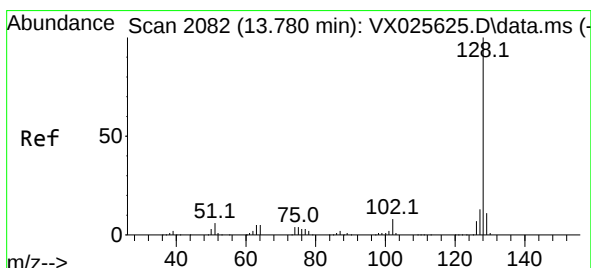
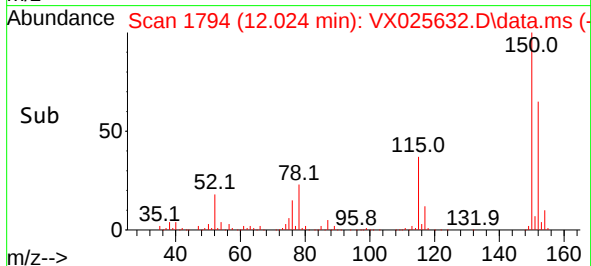
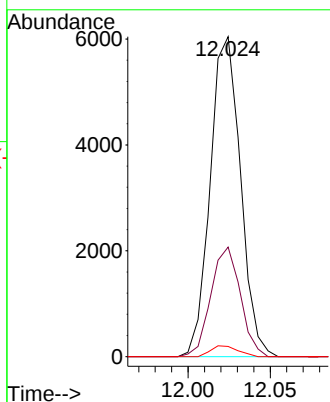
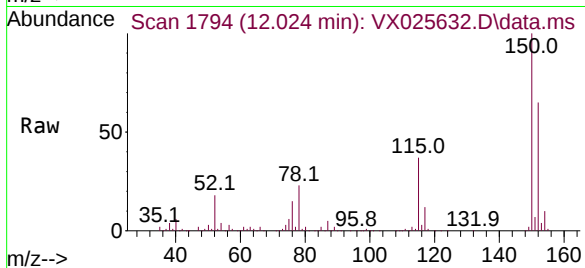
Tgt Ion: 75 Resp: 7752

Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.8

110 3.1 34.7 52.1#



#71

Naphthalene

Concen: 18.974 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025632.D

Acq: 08 Dec 2021 20:16

Tgt Ion:128 Resp: 82313

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.0 8.7 13.1

