

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025606.D
 Acq On : 08 Dec 2021 03:00
 Operator : JC/MD
 Sample : M4885-15ME
 Misc : 3.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 13:58:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 07:24:50 2021
 Response via : Initial Calibration

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

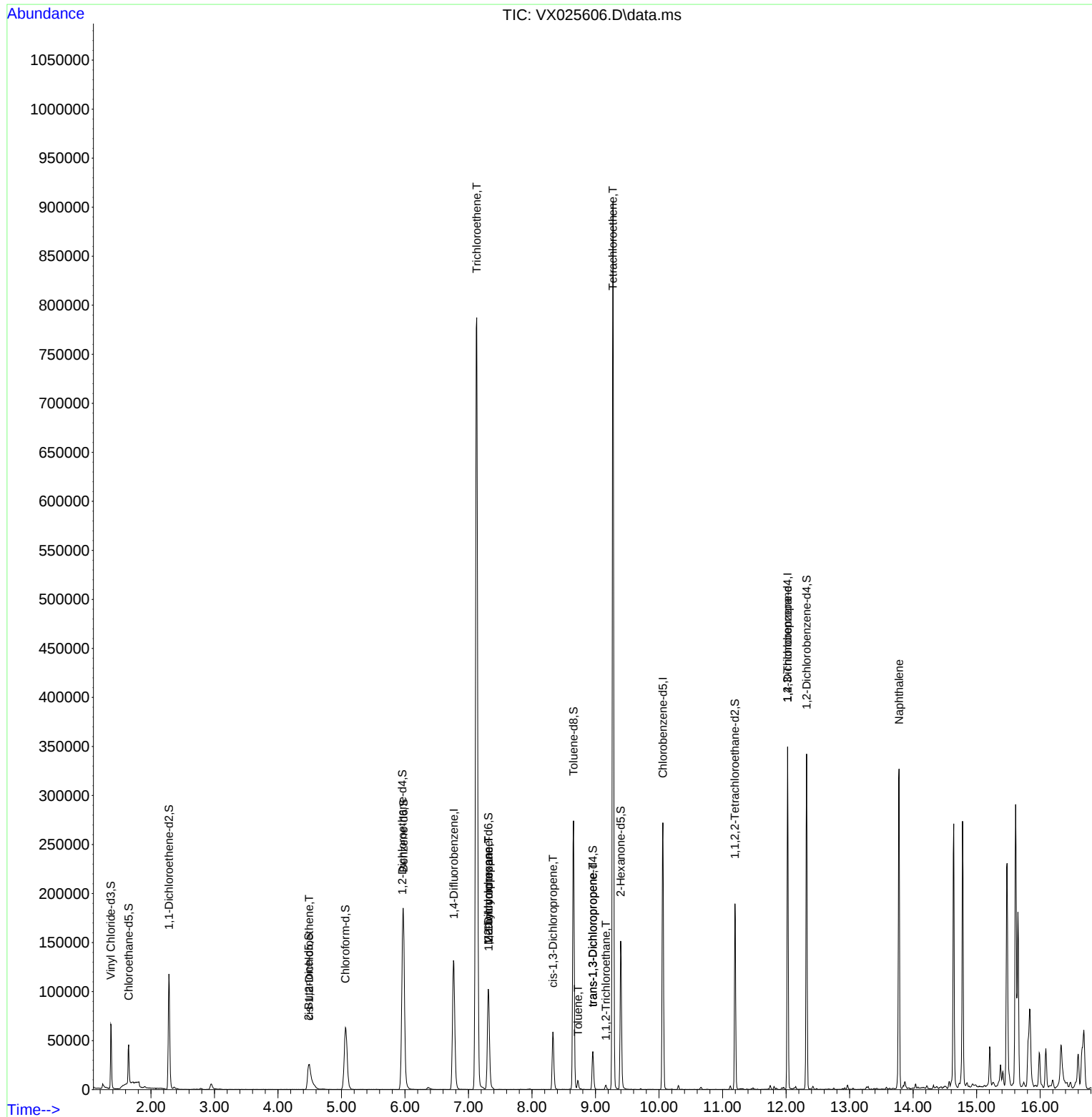
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	153369	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	137061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72065	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	46922	44.830	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.660%	
7) Chloroethane-d5	1.648	69	23489	27.191	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	54.380%#	
11) 1,1-Dichloroethene-d2	2.282	63	66363	39.765	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.540%	
21) 2-Butanone-d5	4.483	46	65353	83.878	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	83.880%	
24) Chloroform-d	5.062	84	83421	45.603	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.958	65	55565	48.732	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.460%	
32) Benzene-d6	5.977	84	185654	51.109	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.220%	
36) 1,2-Dichloropropane-d6	7.312	67	54150	48.147	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.300%	
41) Toluene-d8	8.653	98	172334	50.262	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.520%	
43) trans-1,3-Dichloroprop...	8.958	79	21190	37.475	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.940%	
47) 2-Hexanone-d5	9.397	63	48390	82.656	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	=	82.660%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	71076	44.716	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.440%	
66) 1,2-Dichlorobenzene-d4	12.323	152	69965	49.500	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.489	96	979	0.937	ug/L	96
34) Trichloroethene	7.129	95	304819	316.508	ug/L	98
35) Methylcyclohexane	7.312	83	14076	9.286	ug/L #	20
37) 1,2-Dichloropropane	7.318	63	6117	6.660	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1591	1.064	ug/L #	78
42) Toluene	8.726	91	6111	1.513	ug/L	93
44) trans-1,3-Dichloropropene	8.958	75	1041	0.724	ug/L #	66
45) 1,1,2-Trichloroethane	9.165	97	1420	1.457	ug/L	93
46) Tetrachloroethene	9.275	164	173610	212.561	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	7746	6.283	ug/L #	62
71) Naphthalene	13.780	128	209956	47.632	ug/L	100

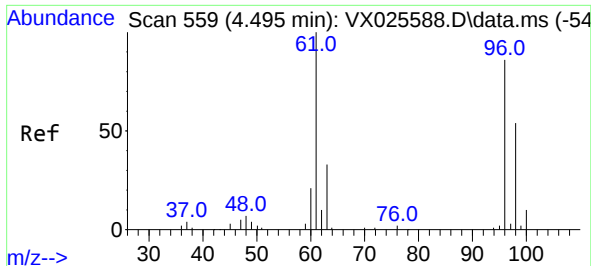
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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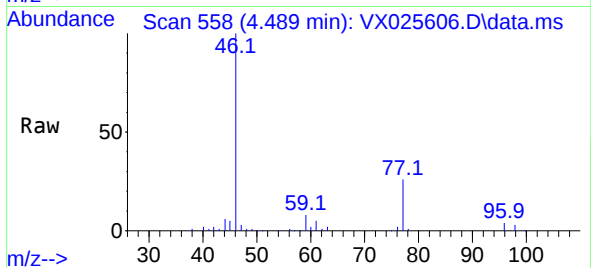
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
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QLast Update : Wed Dec 08 07:24:50 2021
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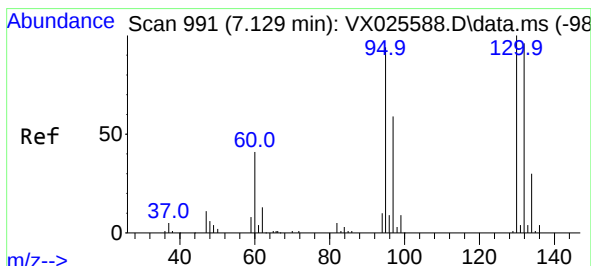
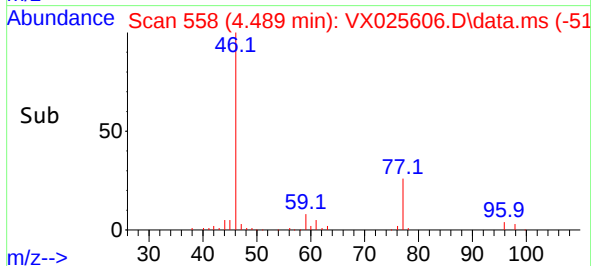
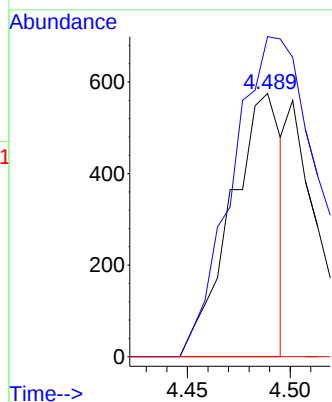


#20
cis-1,2-Dichloroethene
Concen: 0.937 ug/L
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX025606.D
Acq: 08 Dec 2021 03:00

Instrument :
MSVOA_X
ClientSampleId :

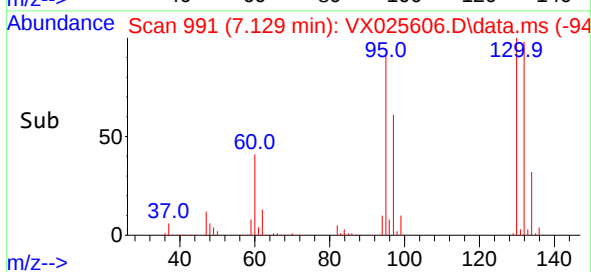
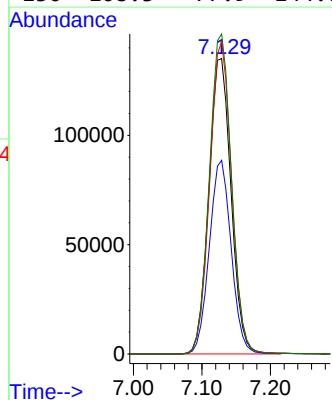
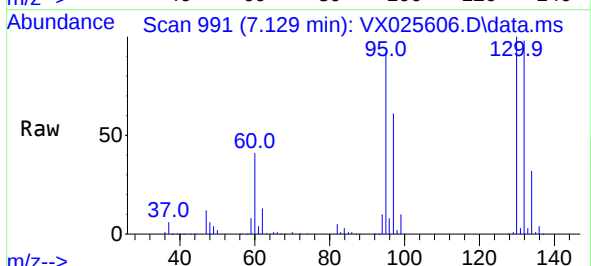


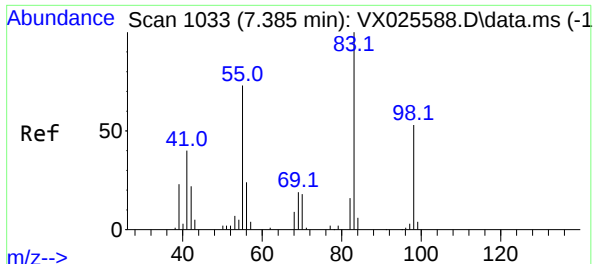
Tgt Ion: 96 Resp: 979
Ion Ratio Lower Upper
96 100
61 121.6 82.3 152.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 316.508 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025606.D
Acq: 08 Dec 2021 03:00

Tgt Ion: 95 Resp: 304819
Ion Ratio Lower Upper
95 100
97 65.6 46.0 85.4
132 105.7 75.0 139.2
130 108.3 77.9 144.7





#35

Methylcyclohexane

Concen: 9.286 ug/L

RT: 7.312 min Scan# 10

Delta R.T. -0.073 min

Lab File: VX025606.D

Acq: 08 Dec 2021 03:00

Instrument :

MSVOA_X

ClientSampleId :

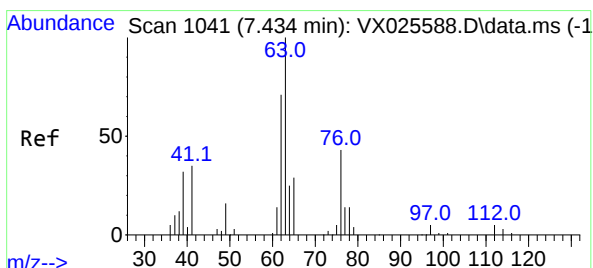
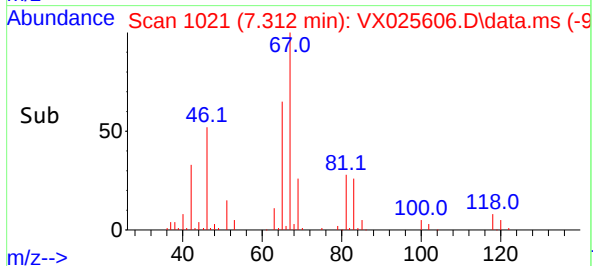
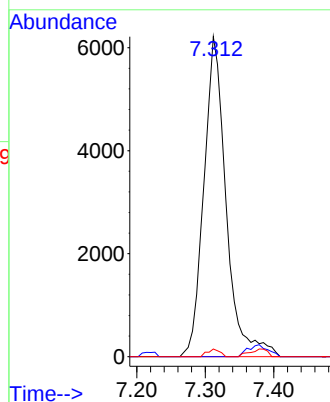
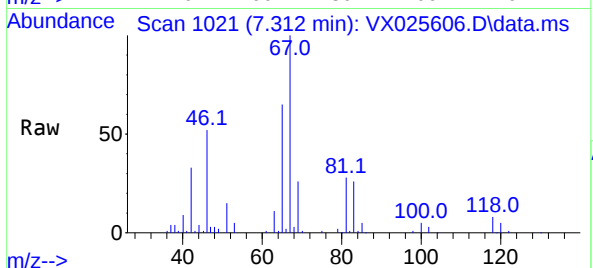
Tgt Ion: 83 Resp: 14076

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.3 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.660 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.116 min

Lab File: VX025606.D

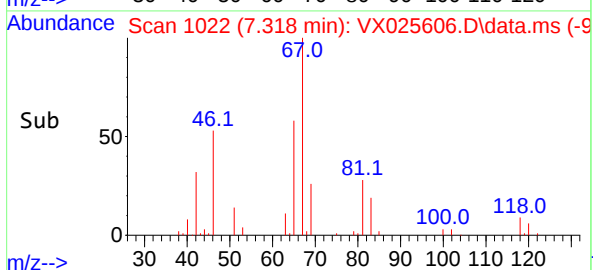
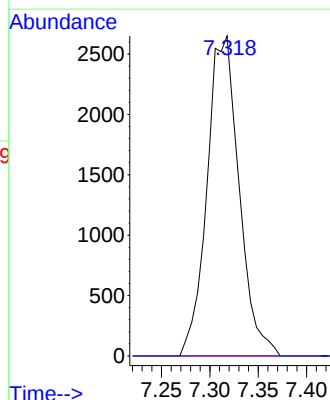
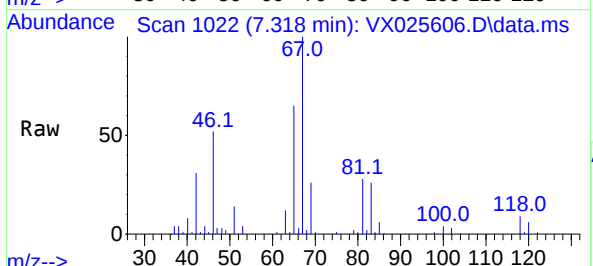
Acq: 08 Dec 2021 03:00

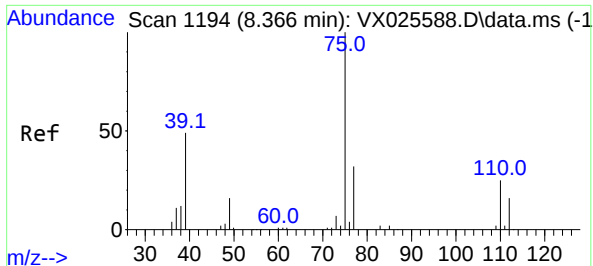
Tgt Ion: 63 Resp: 6117

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.064 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025606.D

Acq: 08 Dec 2021 03:00

Instrument :

MSVOA_X

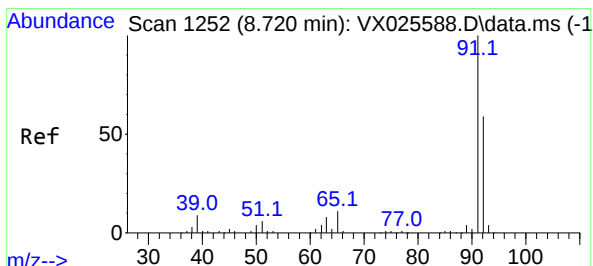
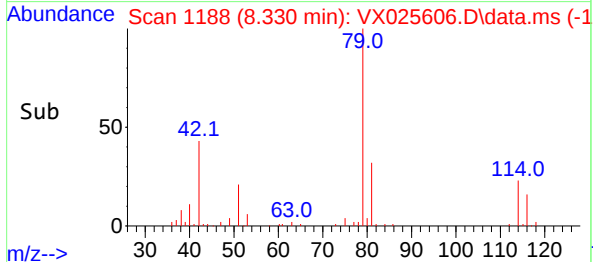
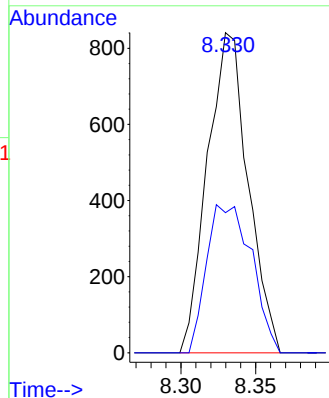
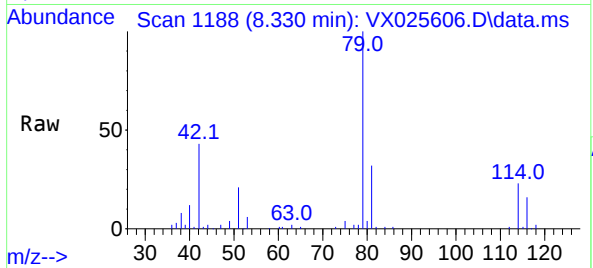
ClientSampleId :

Tgt Ion: 75 Resp: 1591

Ion Ratio Lower Upper

75 100

77 43.8 22.3 41.3#



#42

Toluene

Concen: 1.513 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX025606.D

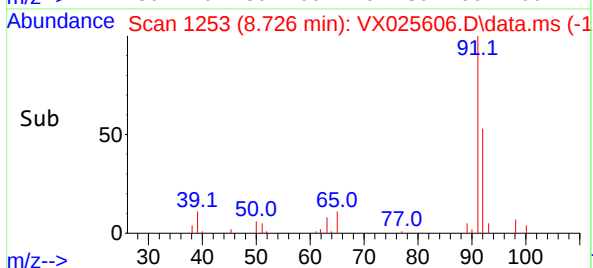
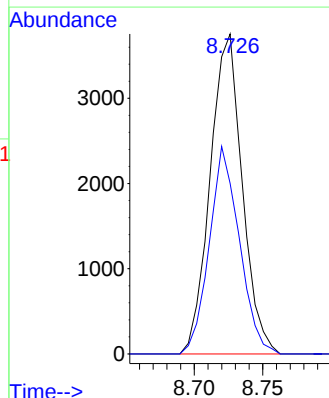
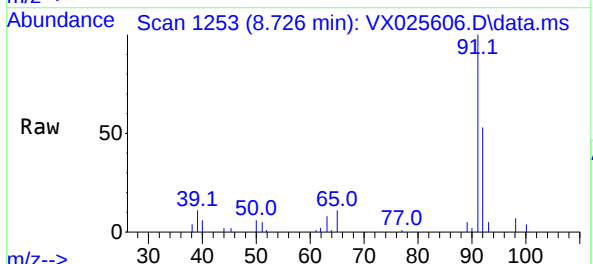
Acq: 08 Dec 2021 03:00

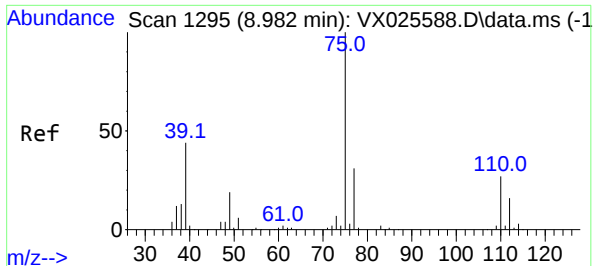
Tgt Ion: 91 Resp: 6111

Ion Ratio Lower Upper

91 100

92 53.3 41.2 76.6

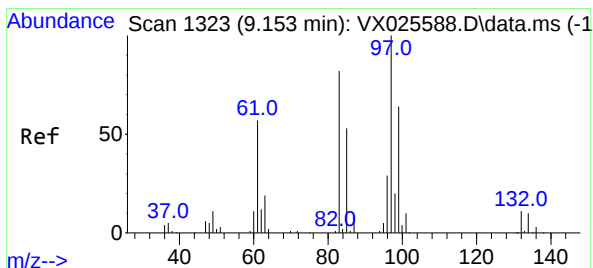
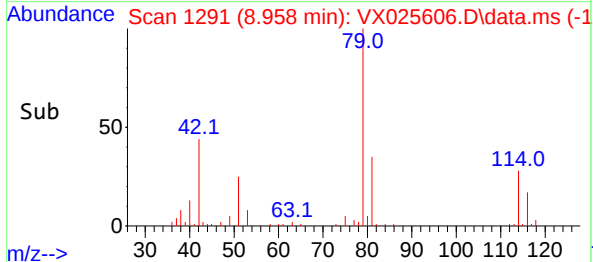
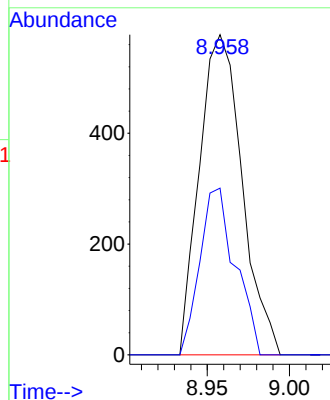
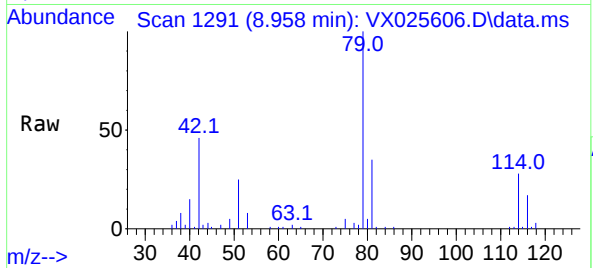




#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 8.958 min Scan# 1104
Delta R.T. -0.024 min
Lab File: VX025606.D
Acq: 08 Dec 2021 03:00

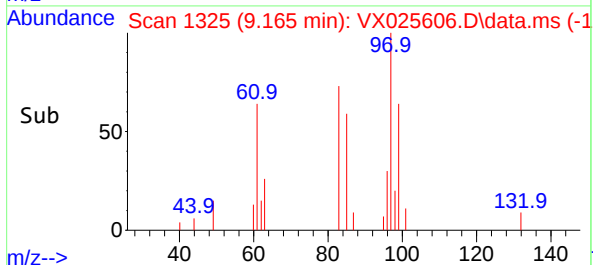
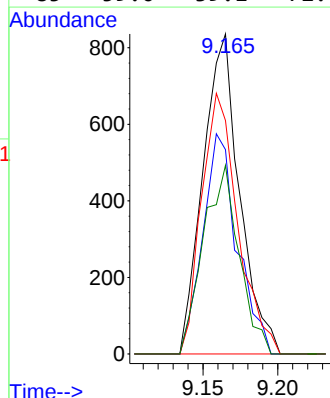
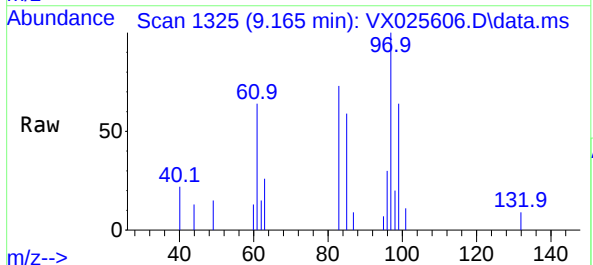
Instrument :
MSVOA_X
ClientSampleId :

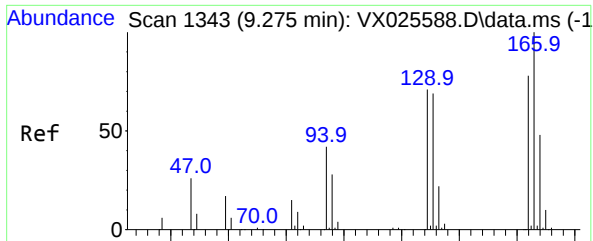
Tgt Ion: 75 Resp: 1041
Ion Ratio Lower Upper
75 100
77 52.1 23.0 42.8#



#45
1,1,2-Trichloroethane
Concen: 1.457 ug/L
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX025606.D
Acq: 08 Dec 2021 03:00

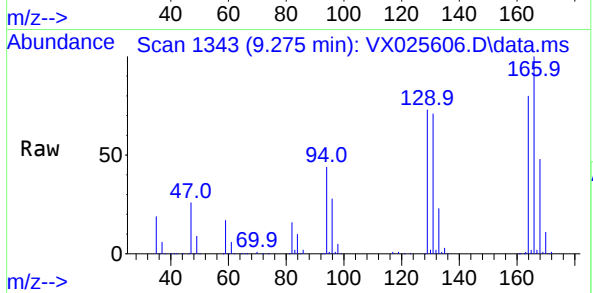
Tgt Ion: 97 Resp: 1420
Ion Ratio Lower Upper
97 100
99 63.9 46.0 85.4
83 73.0 59.6 110.8
85 59.0 39.1 72.7





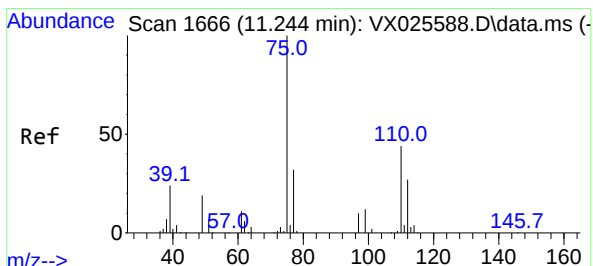
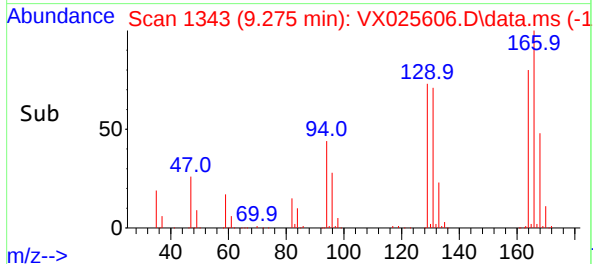
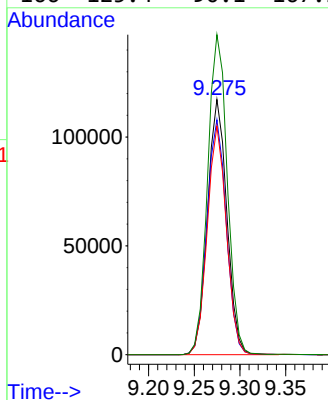
#46
Tetrachloroethene
Concen: 212.561 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025606.D
Acq: 08 Dec 2021 03:00

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 173610

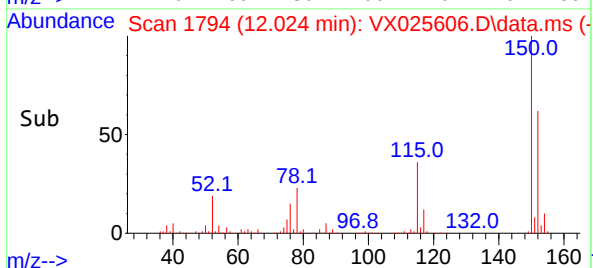
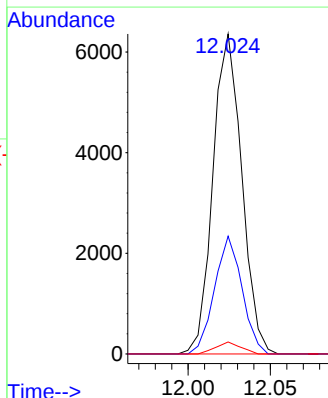
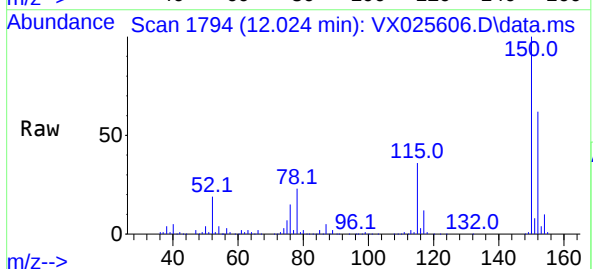
Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.7	120.1
131	89.5	63.2	117.4
166	125.4	90.1	167.3

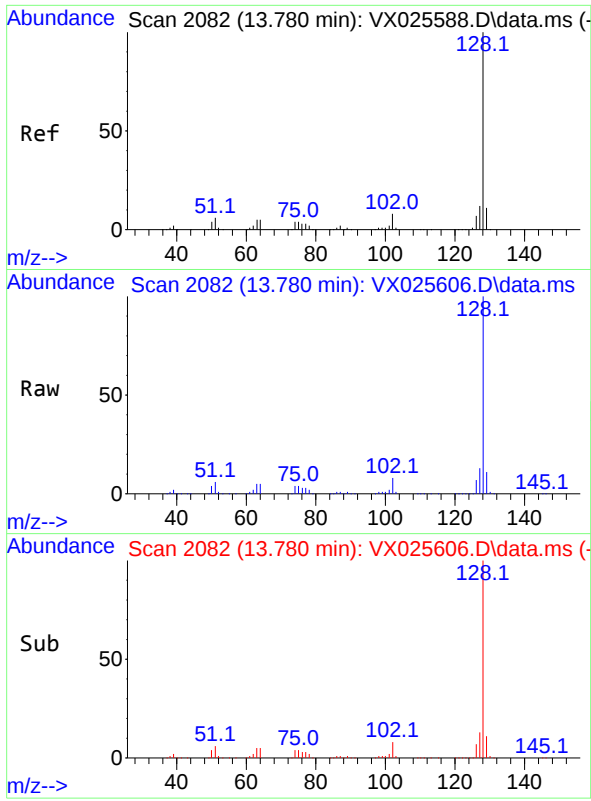


#61
1,2,3-Trichloropropane
Concen: 6.283 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX025606.D
Acq: 08 Dec 2021 03:00

Tgt Ion: 75 Resp: 7746

Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.8	38.8
110	3.2	34.7	52.1#





#71
Naphthalene
Concen: 47.632 ug/L
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025606.D
Acq: 08 Dec 2021 03:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 209956
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.7 13.1

