

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025735.D
 Acq On : 11 Dec 2021 11:59
 Operator : JC/MD
 Sample : M4981-12DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CP2DL

Quant Time: Dec 12 06:34:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

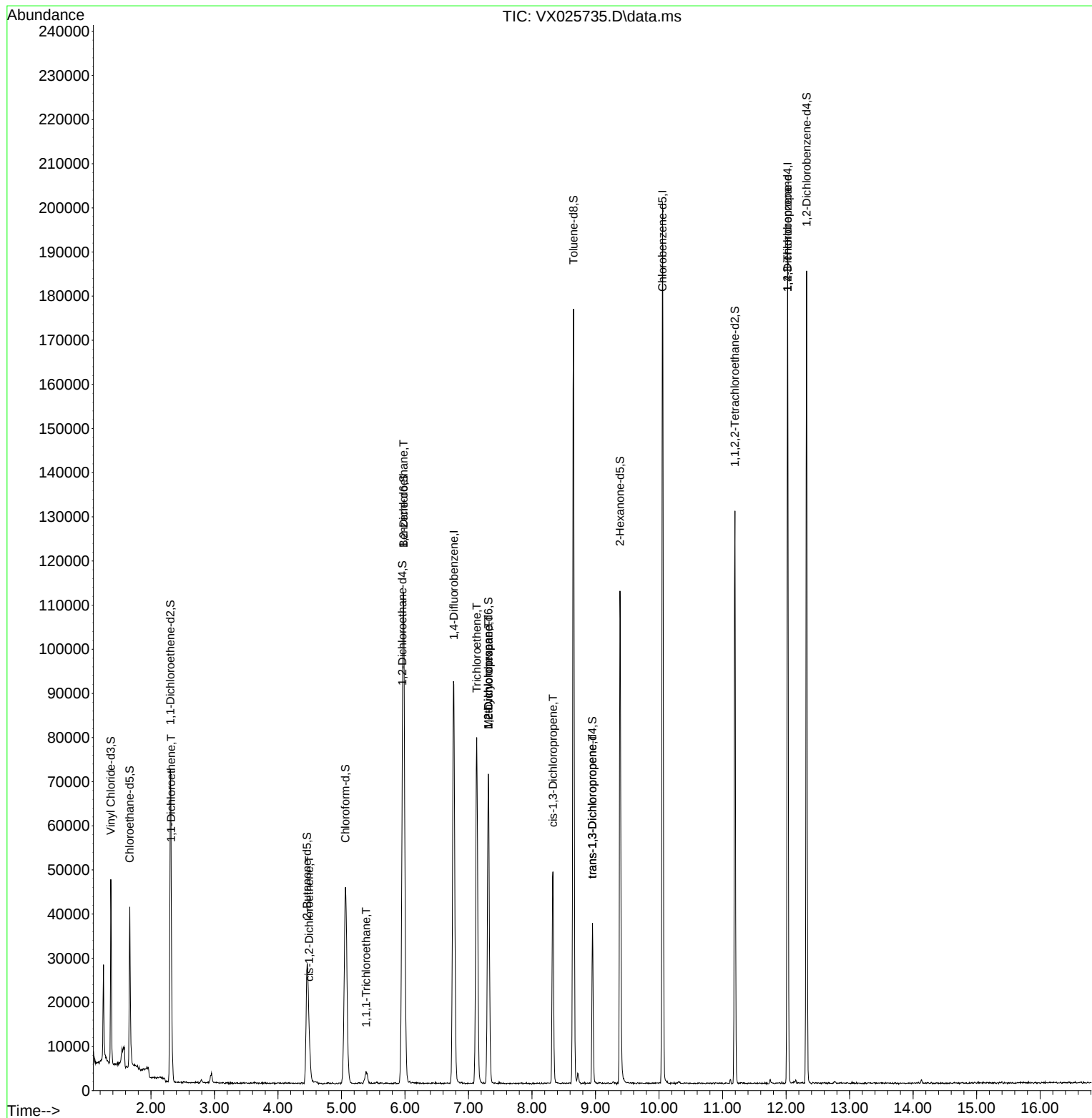
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	94581	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	87725	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	37394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	26009	40.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.580%
7) Chloroethane-d5	1.666	69	23092	43.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.700%
11) 1,1-Dichloroethene-d2	2.306	63	39622	38.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.000%
21) 2-Butanone-d5	4.458	46	46744	97.284	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.280%
24) Chloroform-d	5.062	84	55846	49.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.958	65	37263	52.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.980%
32) Benzene-d6	5.976	84	108662	46.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.480%
36) 1,2-Dichloropropane-d6	7.311	67	32884	45.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	8.652	98	99971	45.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.100%
43) trans-1,3-Dichloroprop...	8.951	79	16075	44.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.840%
47) 2-Hexanone-d5	9.384	63	32577	86.940	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.940%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48739	47.908	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.820%
66) 1,2-Dichlorobenzene-d4	12.323	152	35047	47.785	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.580%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	1894	3.729	ug/L #	1
20) cis-1,2-Dichloroethene	4.489	96	2689	4.173	ug/L	95
27) 1,2-Dichloroethane	5.976	62	631	0.814	ug/L #	73
30) 1,1,1-Trichloroethane	5.385	97	2747	2.837	ug/L #	81
34) Trichloroethene	7.128	95	28510	46.252	ug/L	95
35) Methylcyclohexane	7.311	83	8650	8.916	ug/L #	20
37) 1,2-Dichloropropane	7.311	63	4016	6.832	ug/L #	85
39) cis-1,3-Dichloropropene	8.329	75	1137	1.188	ug/L #	55
44) trans-1,3-Dichloropropene	8.951	75	860	0.935	ug/L	83
61) 1,2,3-Trichloropropane	12.024	75	4634	7.244	ug/L #	61

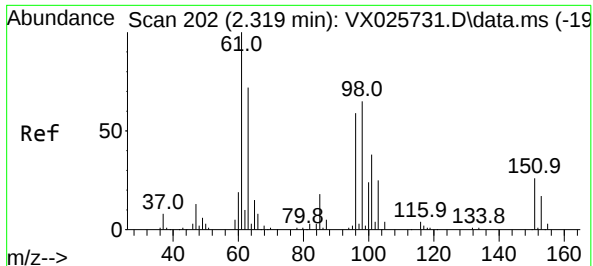
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.729 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX025735.D

Acq: 11 Dec 2021 11:59

Instrument :

MSVOA_X

ClientSampleId :

C0CP2DL

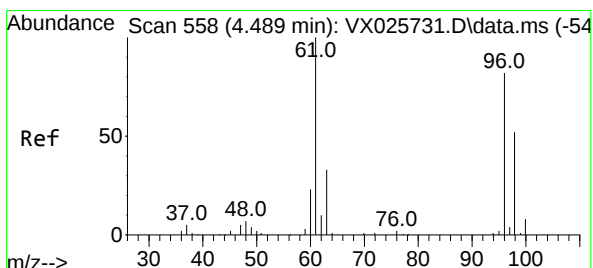
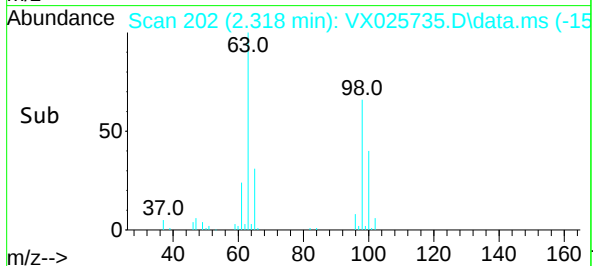
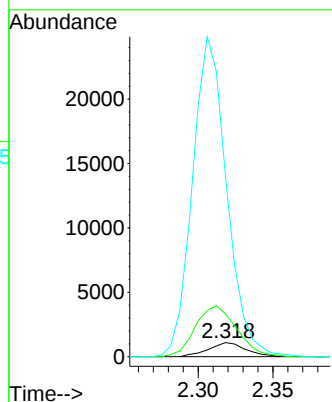
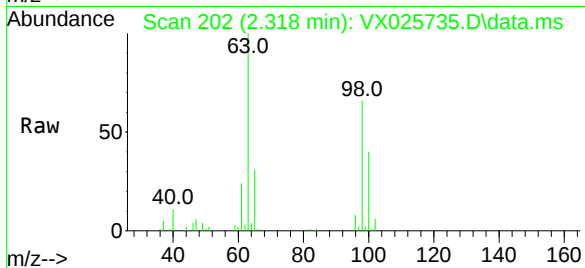
Tgt Ion: 96 Resp: 1894

Ion Ratio Lower Upper

96 100

61 304.0 108.7 201.9#

63 1279.1 76.3 141.7#



#20

cis-1,2-Dichloroethene

Concen: 4.173 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.007 min

Lab File: VX025735.D

Acq: 11 Dec 2021 11:59

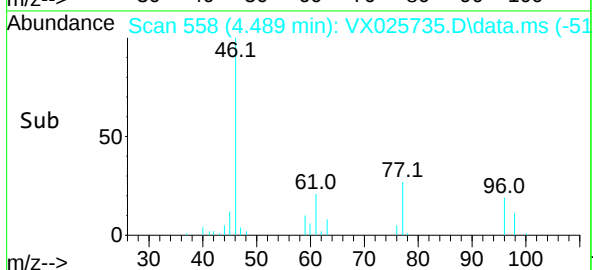
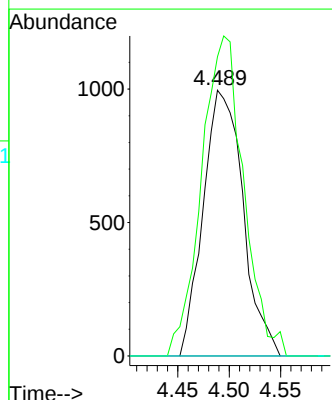
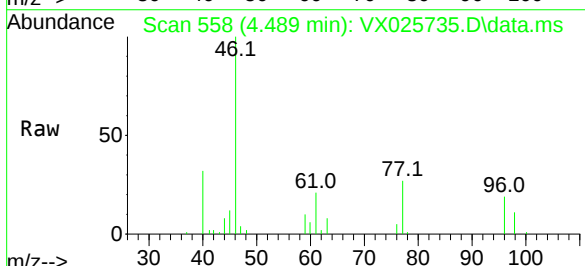
Tgt Ion: 96 Resp: 2689

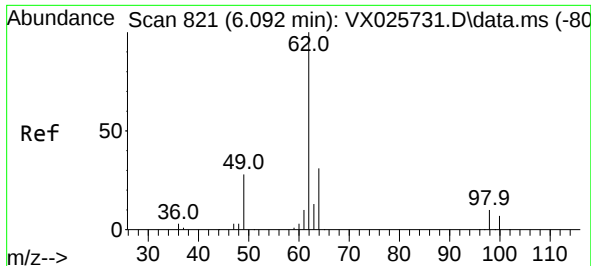
Ion Ratio Lower Upper

96 100

61 112.6 82.3 152.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.814 ug/L

RT: 5.976 min Scan# 80

Delta R.T. -0.116 min

Lab File: VX025735.D

Acq: 11 Dec 2021 11:59

Instrument :

MSVOA_X

ClientSampleId :

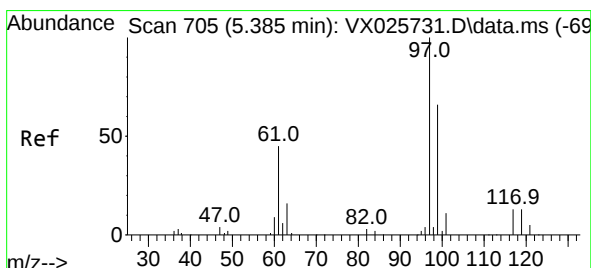
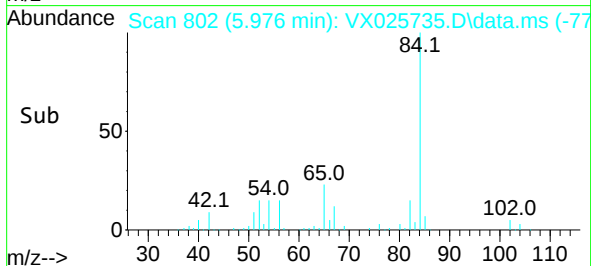
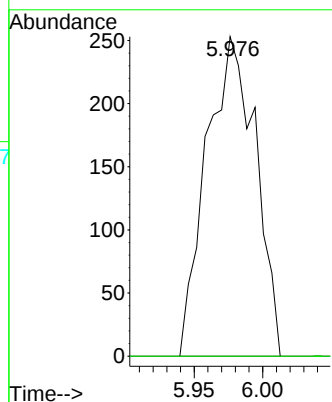
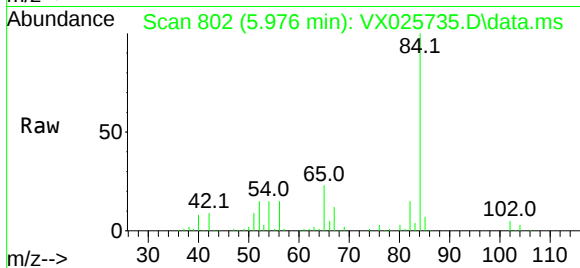
C0CP2DL

Tgt Ion: 62 Resp: 631

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#30

1,1,1-Trichloroethane

Concen: 2.837 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.001 min

Lab File: VX025735.D

Acq: 11 Dec 2021 11:59

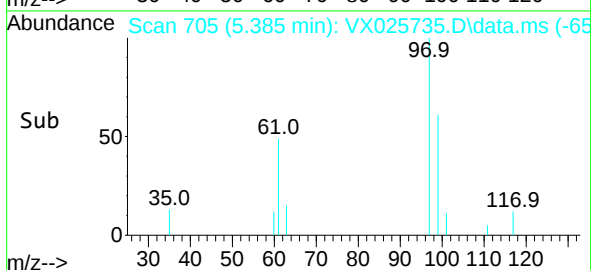
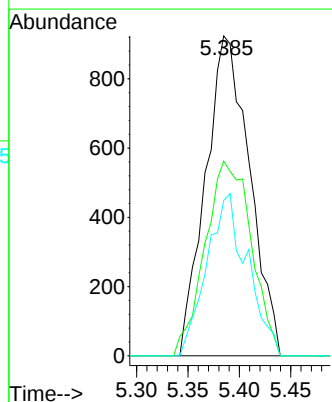
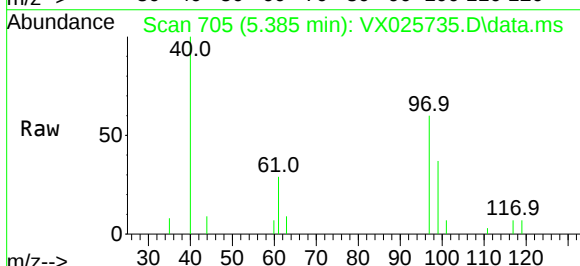
Tgt Ion: 97 Resp: 2747

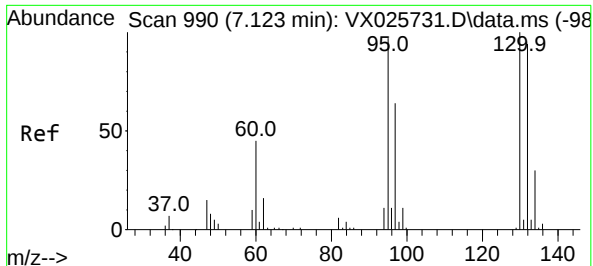
Ion Ratio Lower Upper

97 100

99 44.1 51.5 77.3#

61 36.8 33.1 49.7

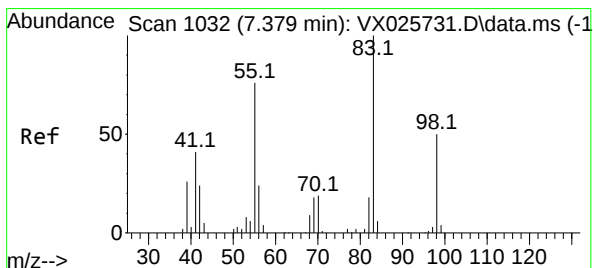
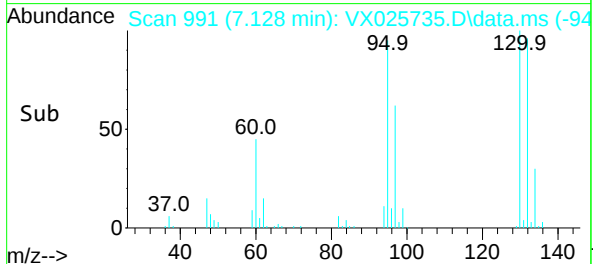
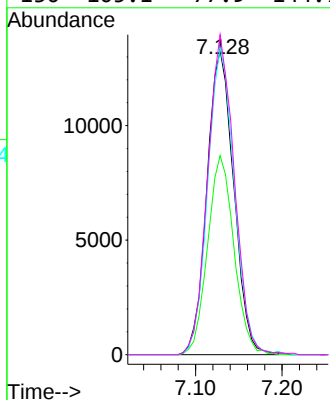
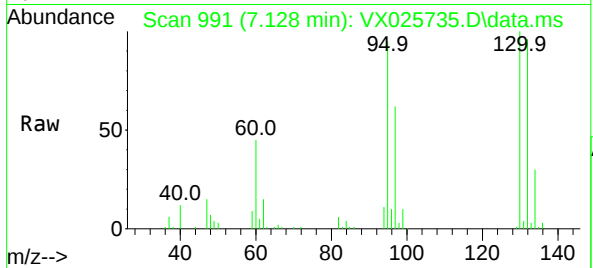




#34
Trichloroethene
Concen: 46.252 ug/L
RT: 7.128 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX025735.D
Acq: 11 Dec 2021 11:59

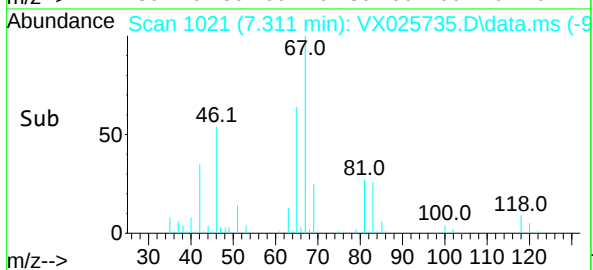
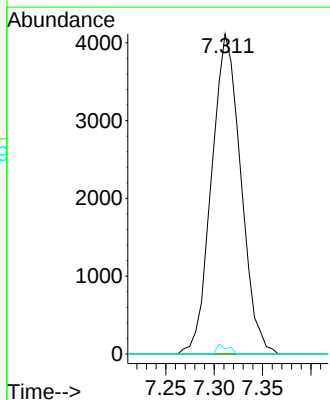
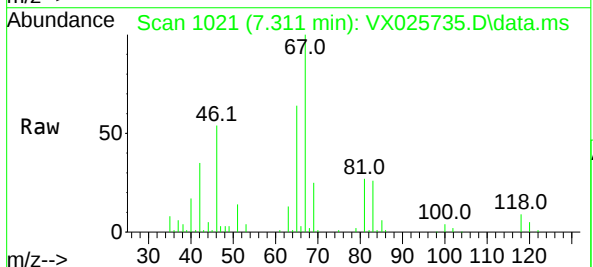
Instrument :
MSVOA_X
ClientSampleId :
C0CP2DL

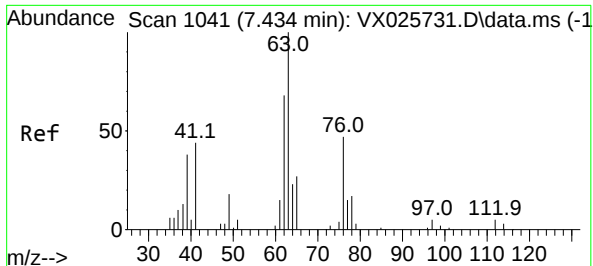
Tgt Ion: 95 Resp: 28510
Ion Ratio Lower Upper
95 100
97 65.4 46.0 85.4
132 100.9 75.0 139.2
130 105.1 77.9 144.7



#35
Methylcyclohexane
Concen: 8.916 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.074 min
Lab File: VX025735.D
Acq: 11 Dec 2021 11:59

Tgt Ion: 83 Resp: 8650
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.2 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 6.832 ug/L

RT: 7.311 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025735.D

Acq: 11 Dec 2021 11:59

Instrument :

MSVOA_X

ClientSampleId :

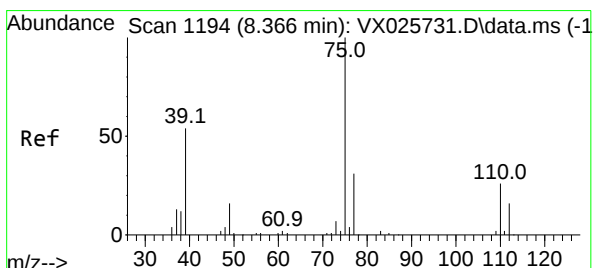
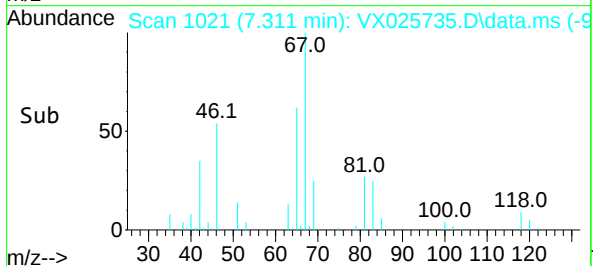
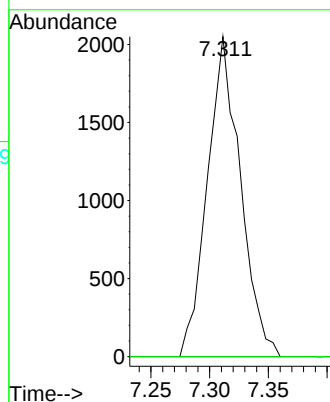
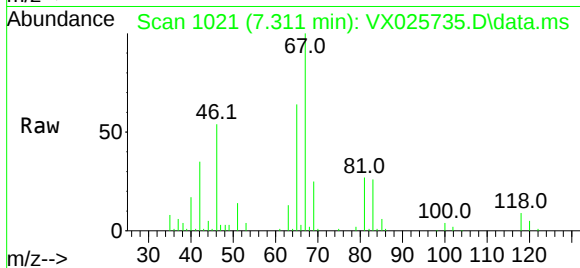
C0CP2DL

Tgt Ion: 63 Resp: 4016

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.188 ug/L

RT: 8.329 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025735.D

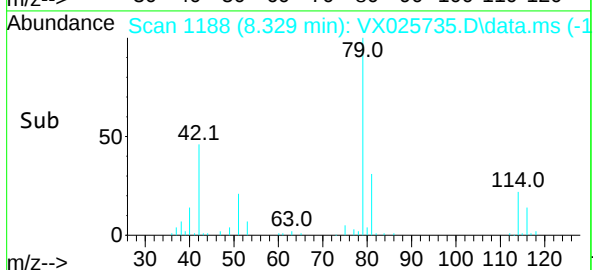
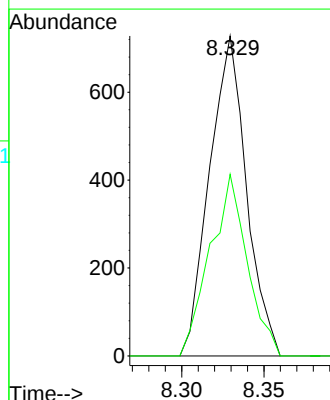
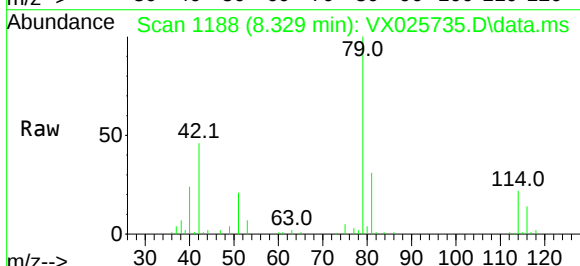
Acq: 11 Dec 2021 11:59

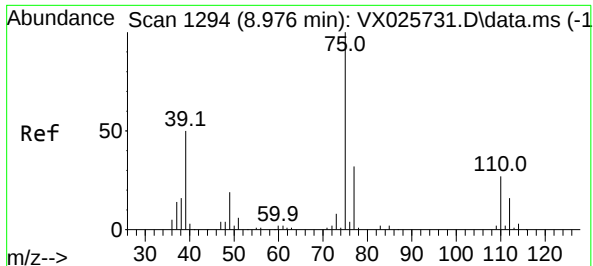
Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

77 56.7 22.3 41.3#

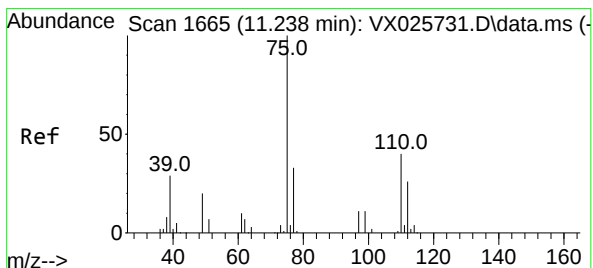
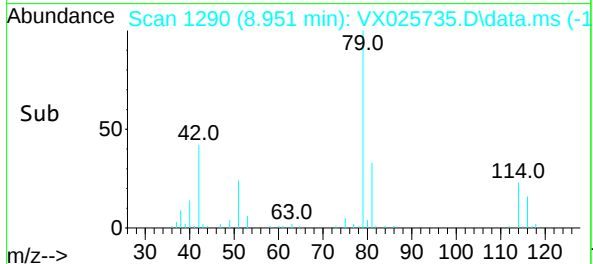
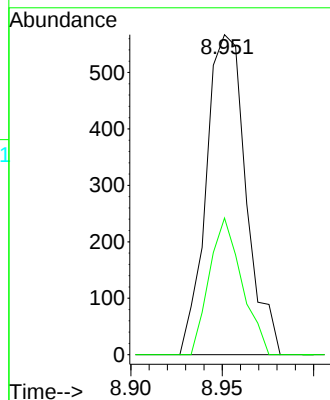
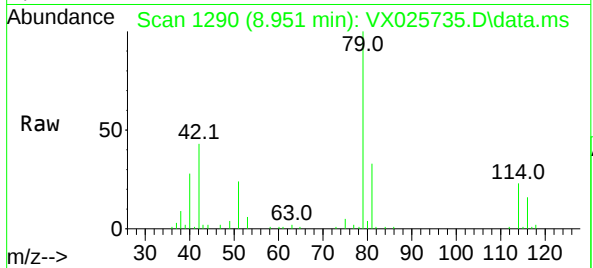




#44
trans-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX025735.D
Acq: 11 Dec 2021 11:59

Instrument :
MSVOA_X
ClientSampleId :
C0CP2DL

Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
77 42.7 23.0 42.8



#61
1,2,3-Trichloropropane
Concen: 7.244 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025735.D
Acq: 11 Dec 2021 11:59

Tgt Ion: 75 Resp: 4634
Ion Ratio Lower Upper
75 100
77 36.6 25.8 38.8
110 3.1 34.7 52.1#

