

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025746.D
 Acq On : 11 Dec 2021 16:22
 Operator : JC/MD
 Sample : M5026-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CZ3

Quant Time: Dec 12 06:35:48 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)

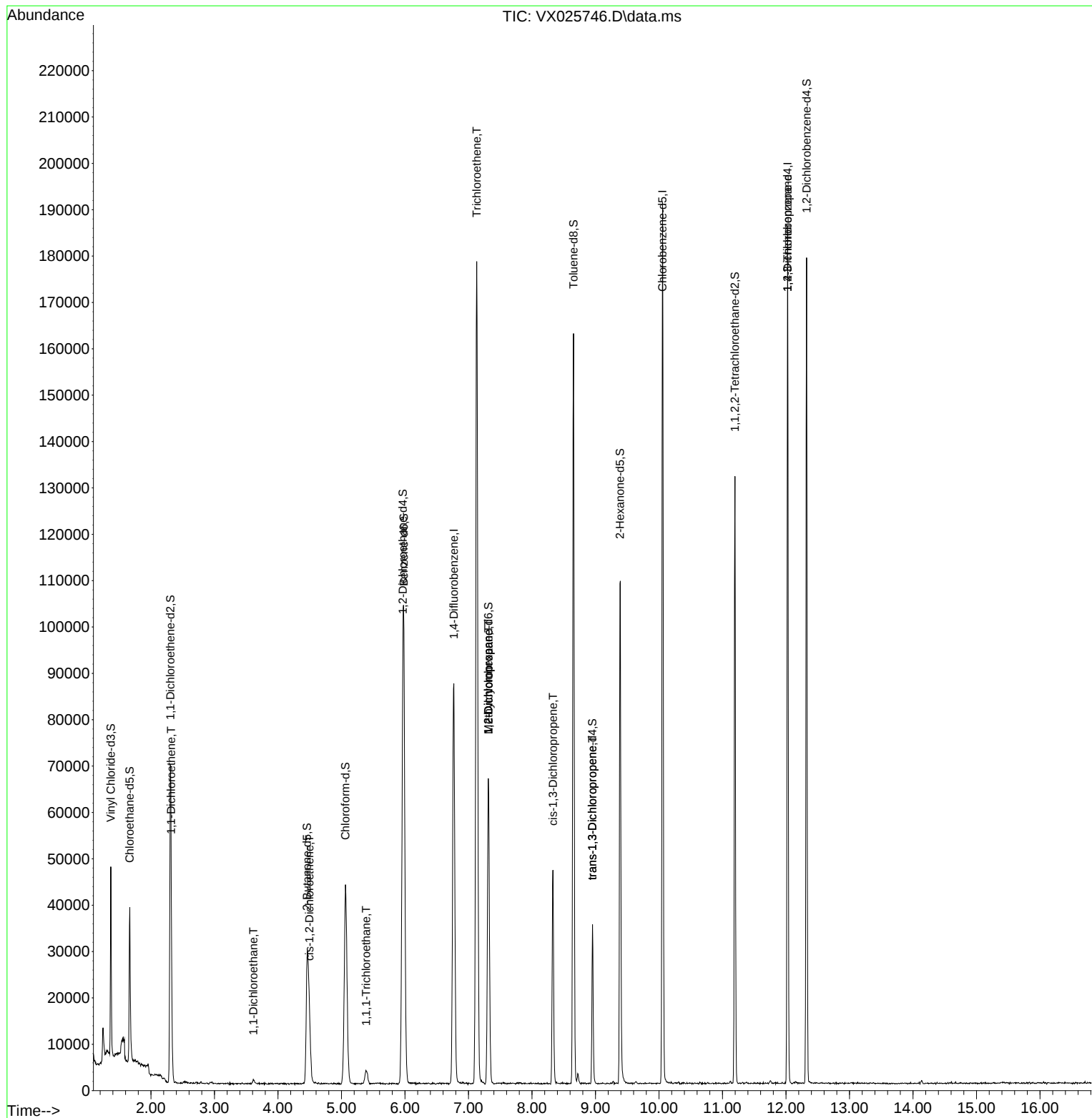
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	89910	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	84775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	36774	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	23619	38.493	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.980%		
7) Chloroethane-d5	1.666	69	21911	43.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.540%		
11) 1,1-Dichloroethene-d2	2.307	63	37049	37.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.740%		
21) 2-Butanone-d5	4.459	46	46464	101.726	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.730%		
24) Chloroform-d	5.062	84	52292	48.762	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.520%		
26) 1,2-Dichloroethane-d4	5.964	65	35027	52.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.800%		
32) Benzene-d6	5.983	84	101320	45.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.200%		
36) 1,2-Dichloropropane-d6	7.312	67	32032	46.047	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.100%		
41) Toluene-d8	8.653	98	93175	43.935	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.880%		
43) trans-1,3-Dichloroprop...	8.952	79	14770	42.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.460%		
47) 2-Hexanone-d5	9.385	63	32289	89.170	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.170%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48576	49.410	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.820%		
66) 1,2-Dichlorobenzene-d4	12.323	152	33619	46.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.220%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	4595	9.517	ug/L #	1
19) 1,1-Dichloroethane	3.611	63	1204	1.293	ug/L	90
20) cis-1,2-Dichloroethene	4.495	96	6501	10.613	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	1835	1.961	ug/L	96
34) Trichloroethene	7.129	95	66664	111.913	ug/L	93
35) Methylcyclohexane	7.312	83	7892	8.418	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3892	6.851	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1150	1.243	ug/L #	52
44) trans-1,3-Dichloropropene	8.952	75	733	0.824	ug/L #	82
61) 1,2,3-Trichloropropane	12.024	75	4625	7.352	ug/L #	61

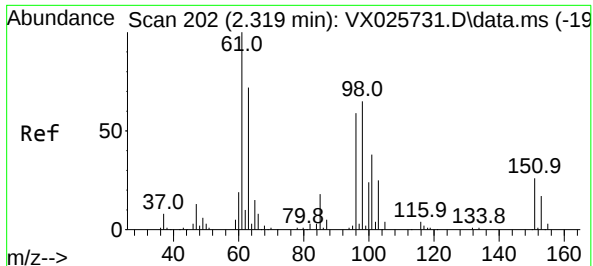
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 12 06:35:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 9.517 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX025746.D

Acq: 11 Dec 2021 16:22

Instrument :

MSVOA_X

ClientSampleId :

C0CZ3

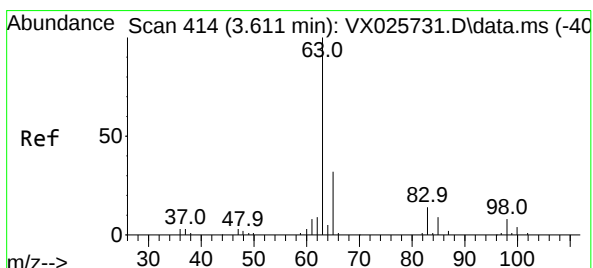
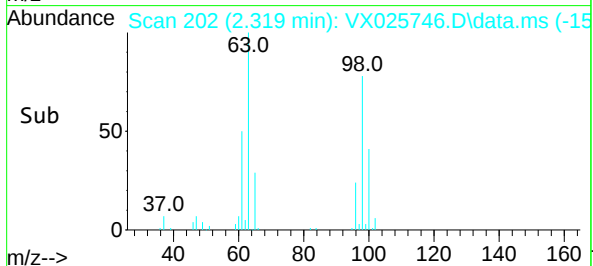
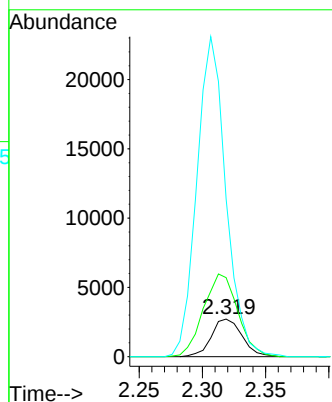
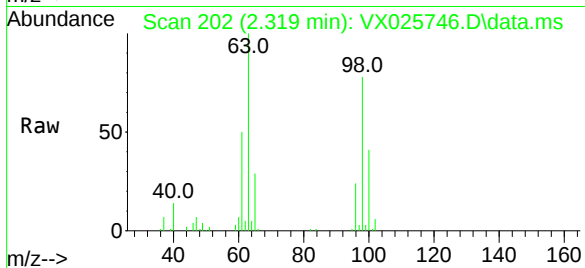
Tgt Ion: 96 Resp: 4595

Ion Ratio Lower Upper

96 100

61 209.7 108.7 201.9#

63 419.0 76.3 141.7#



#19

1,1-Dichloroethane

Concen: 1.293 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX025746.D

Acq: 11 Dec 2021 16:22

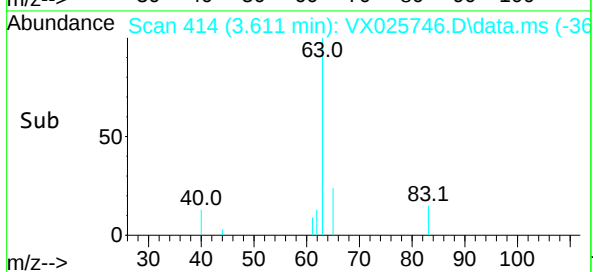
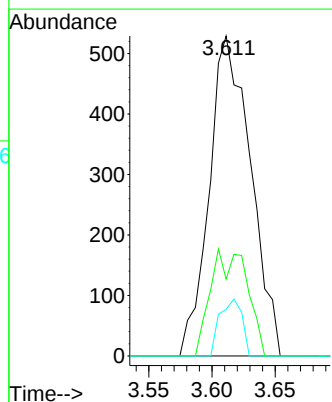
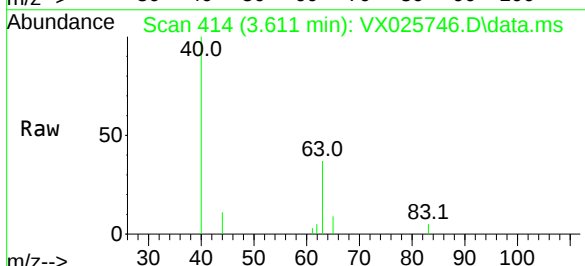
Tgt Ion: 63 Resp: 1204

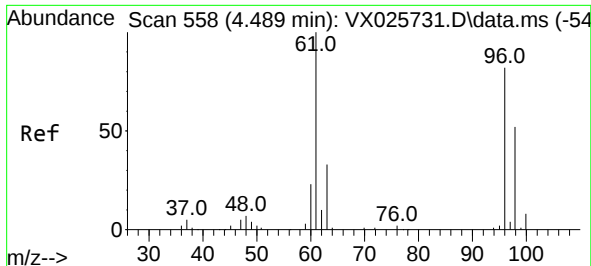
Ion Ratio Lower Upper

63 100

65 24.0 22.2 41.2

83 14.6 10.2 19.0

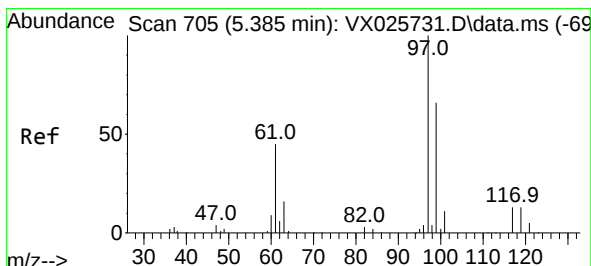
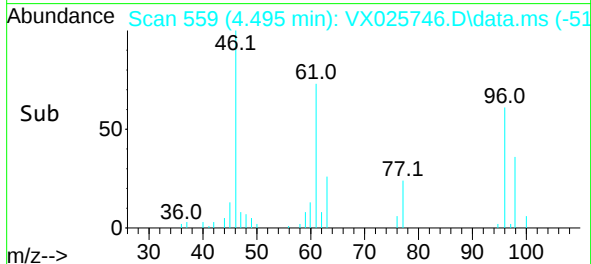
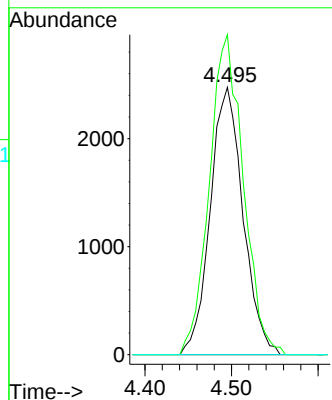
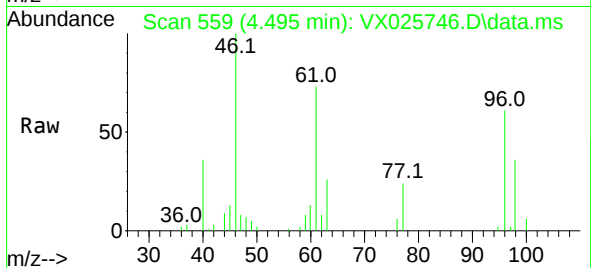




#20
 cis-1,2-Dichloroethene
 Concen: 10.613 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX025746.D
 Acq: 11 Dec 2021 16:22

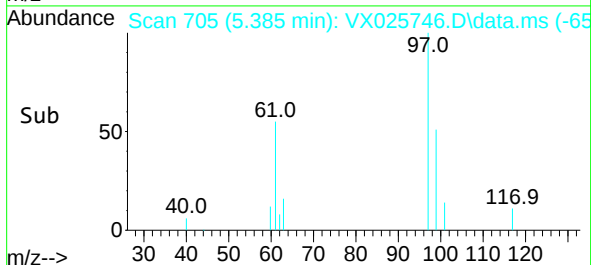
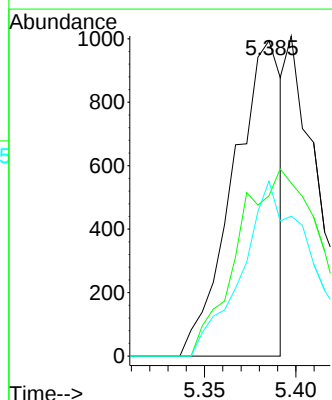
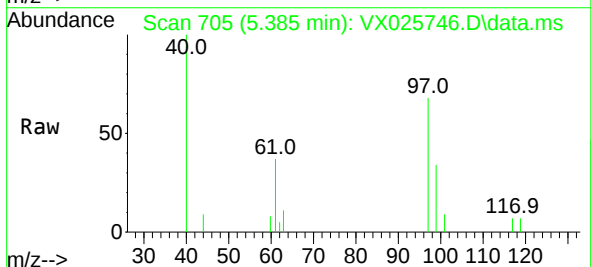
Instrument :
 MSVOA_X
 ClientSampleId :
 C0CZ3

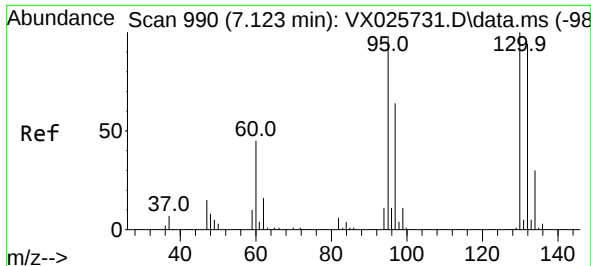
Tgt Ion: 96 Resp: 6501
 Ion Ratio Lower Upper
 96 100
 61 119.7 82.3 152.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.961 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX025746.D
 Acq: 11 Dec 2021 16:22

Tgt Ion: 97 Resp: 1835
 Ion Ratio Lower Upper
 97 100
 99 66.5 51.5 77.3
 61 45.6 33.1 49.7



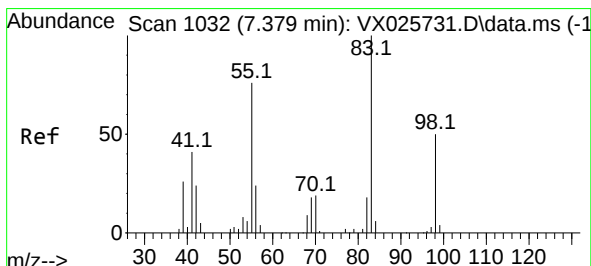
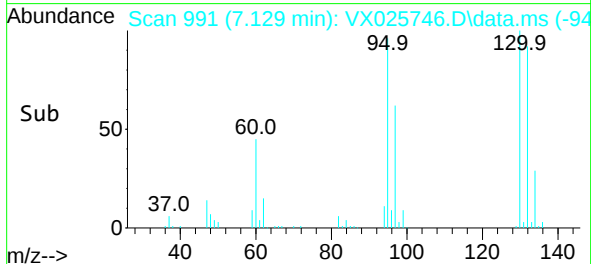
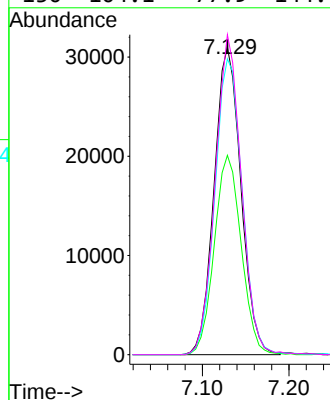
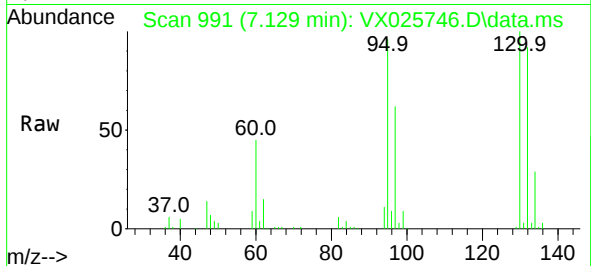


#34
Trichloroethene
Concen: 111.913 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX025746.D
Acq: 11 Dec 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
C0CZ3

Tgt Ion: 95 Resp: 66664

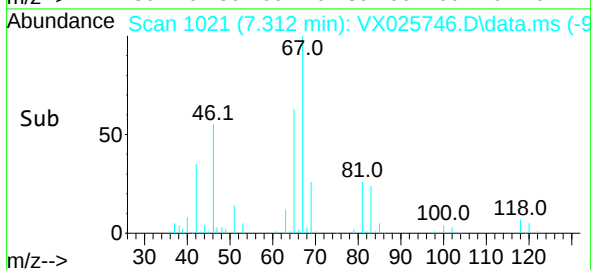
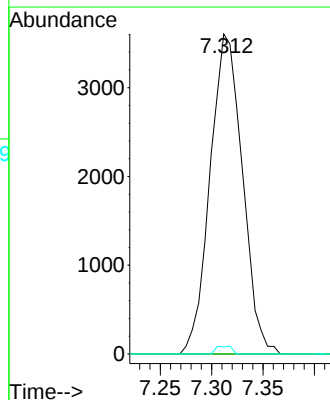
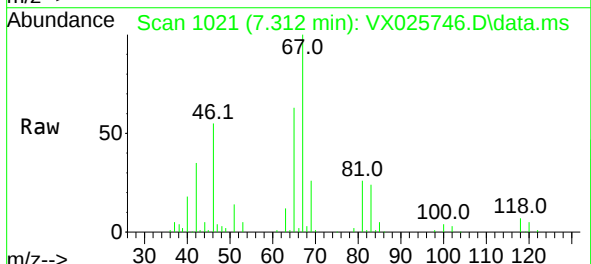
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.0	85.4
132	96.2	75.0	139.2
130	104.1	77.9	144.7

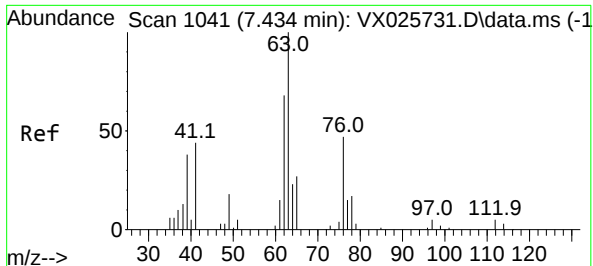


#35
Methylcyclohexane
Concen: 8.418 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX025746.D
Acq: 11 Dec 2021 16:22

Tgt Ion: 83 Resp: 7892

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: 6.851 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025746.D

Acq: 11 Dec 2021 16:22

Instrument :

MSVOA_X

ClientSampleId :

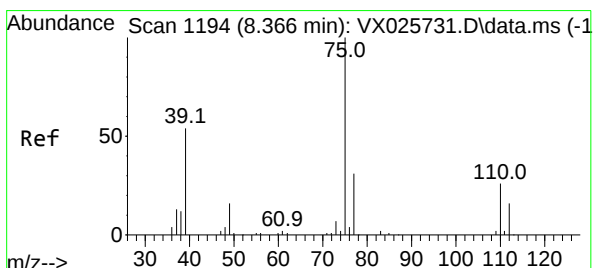
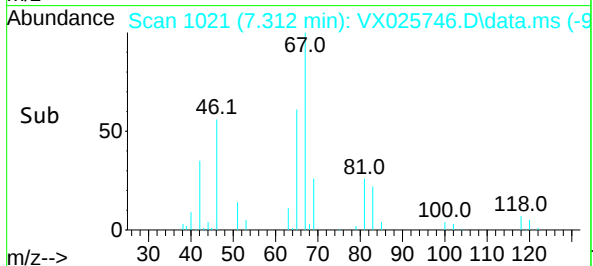
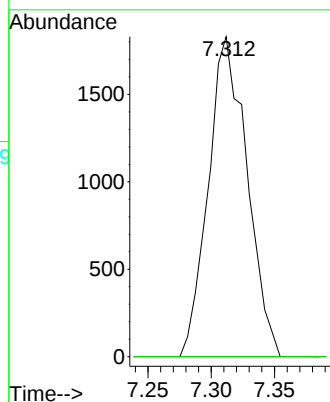
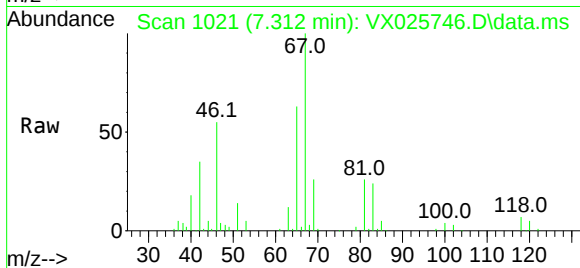
C0CZ3

Tgt Ion: 63 Resp: 3892

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.243 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025746.D

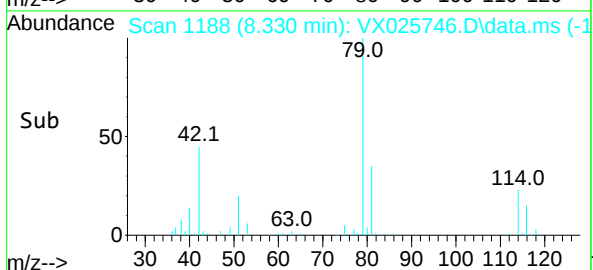
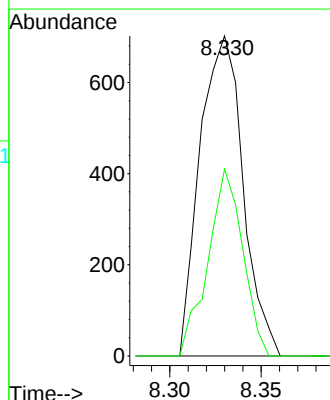
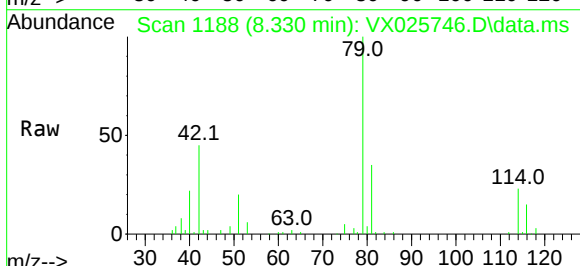
Acq: 11 Dec 2021 16:22

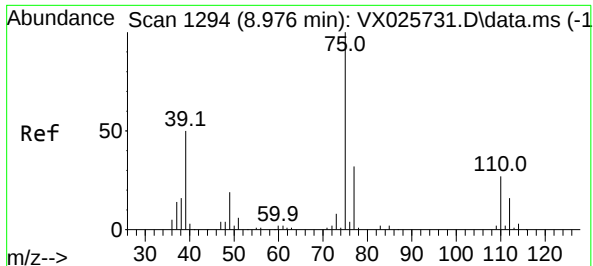
Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

75 100

77 58.4 22.3 41.3#

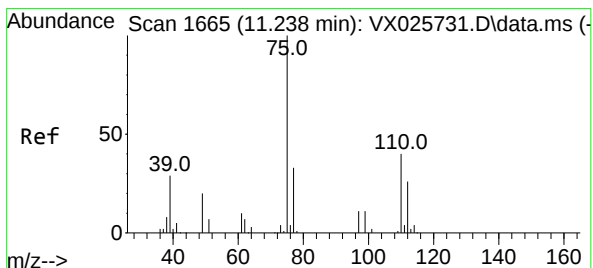
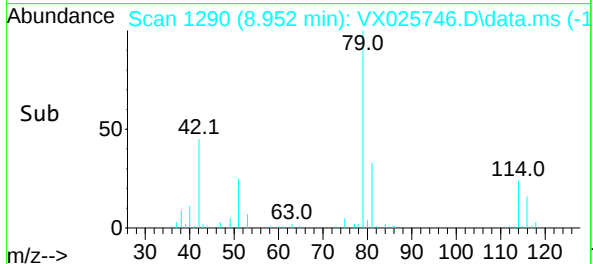
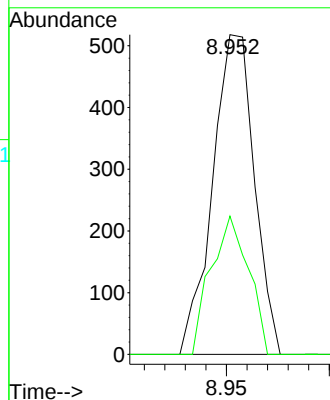
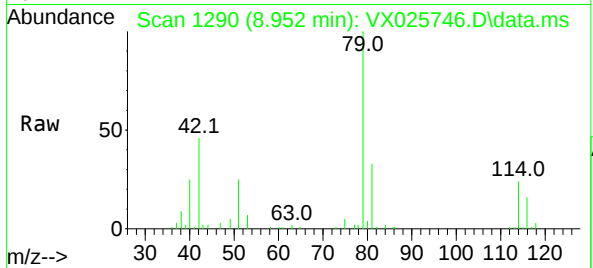




#44
trans-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX025746.D
Acq: 11 Dec 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
C0CZ3

Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
77 43.2 23.0 42.8#



#61
1,2,3-Trichloropropane
Concen: 7.352 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025746.D
Acq: 11 Dec 2021 16:22

Tgt Ion: 75 Resp: 4625
Ion Ratio Lower Upper
75 100
77 35.4 25.8 38.8
110 2.4 34.7 52.1#

