

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025727.D
 Acq On : 11 Dec 2021 01:24
 Operator : JC/MD
 Sample : M4981-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 02:40:04 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)

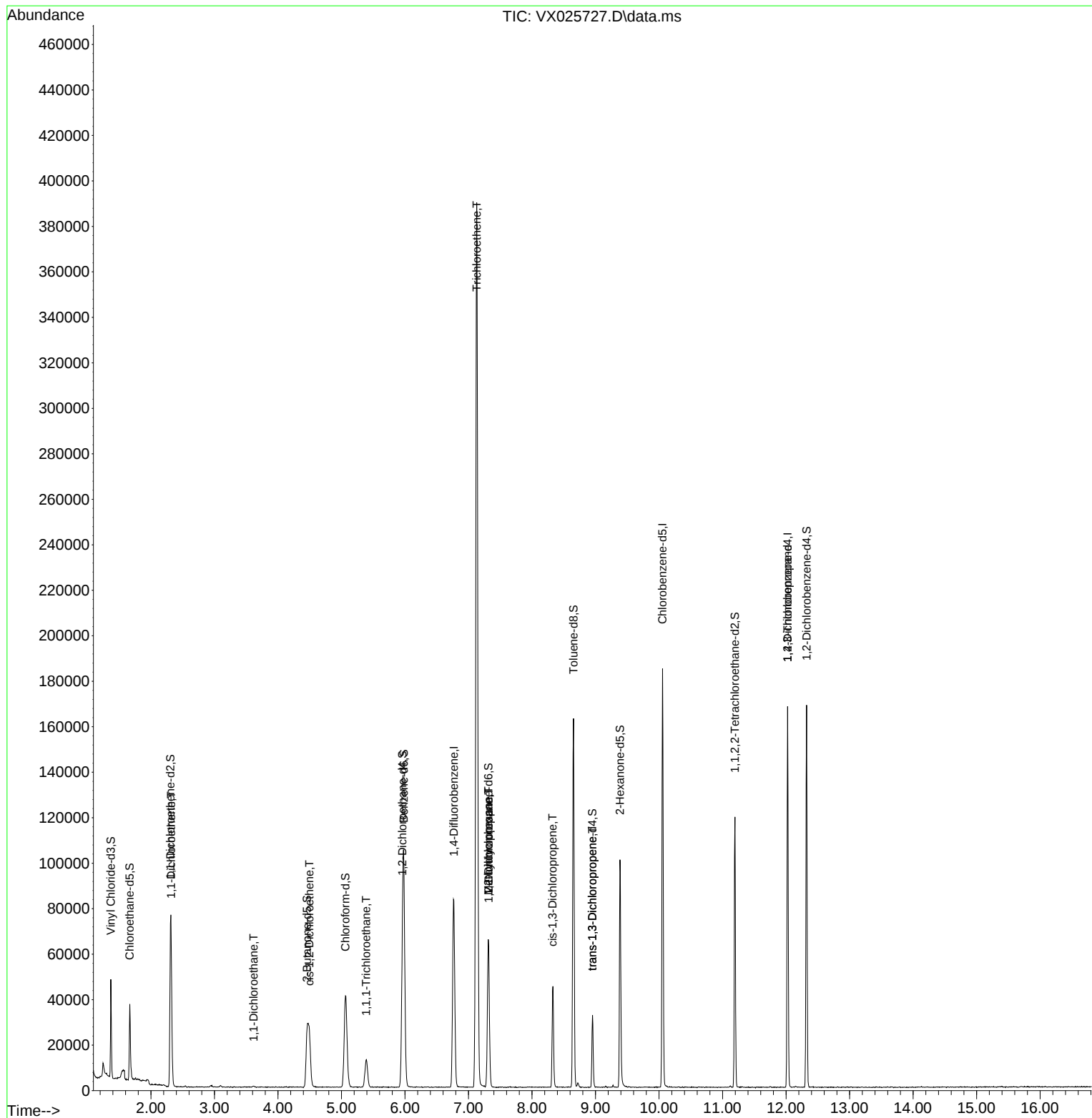
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	85984	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	24377	41.542	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.080%		
7) Chloroethane-d5	1.666	69	21476	44.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.680%		
11) 1,1-Dichloroethene-d2	2.306	63	40654	43.451	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.900%		
21) 2-Butanone-d5	4.458	46	42024	96.206	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.210%		
24) Chloroform-d	5.062	84	51145	49.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.740%		
26) 1,2-Dichloroethane-d4	5.958	65	34000	53.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.380%		
32) Benzene-d6	5.982	84	102416	47.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.320%		
36) 1,2-Dichloropropane-d6	7.311	67	31383	46.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.360%		
41) Toluene-d8	8.652	98	94464	46.085	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.160%		
43) trans-1,3-Dichloroprop...	8.951	79	14496	42.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.760%		
47) 2-Hexanone-d5	9.384	63	29370	83.916	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.920%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	44391	46.716	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.440%		
66) 1,2-Dichlorobenzene-d4	12.323	152	32681	48.303	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.318	96	8065	17.467	ug/L #	4
19) 1,1-Dichloroethane	3.617	63	710	0.798	ug/L #	87
20) cis-1,2-Dichloroethene	4.495	96	12891	22.006	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	12146	13.428	ug/L	97
34) Trichloroethene	7.128	95	143518	249.272	ug/L	94
35) Methylcyclohexane	7.311	83	7769	8.573	ug/L #	20
37) 1,2-Dichloropropane	7.317	63	3848	7.008	ug/L #	85
39) cis-1,3-Dichloropropene	8.323	75	1046	1.170	ug/L	84
44) trans-1,3-Dichloropropene	8.951	75	687	0.799	ug/L #	76
61) 1,2,3-Trichloropropane	12.024	75	4264	7.226	ug/L #	63

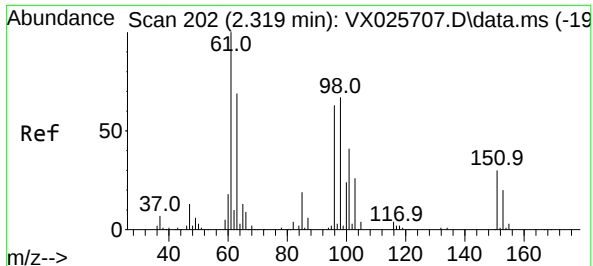
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 17.467 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025727.D

Acq: 11 Dec 2021 01:24

Instrument :

MSVOA_X

ClientSampleId :

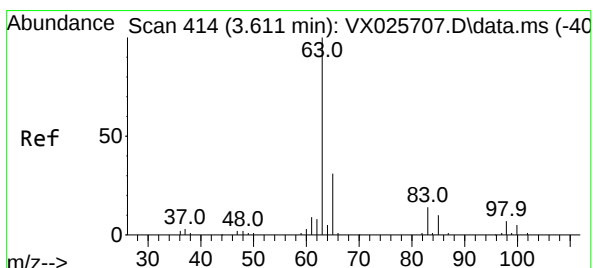
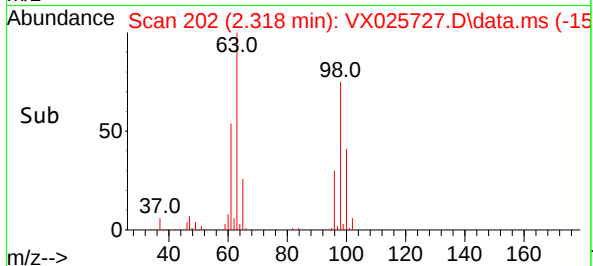
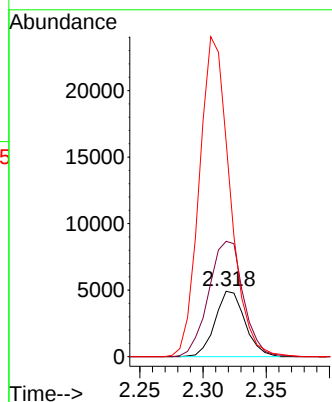
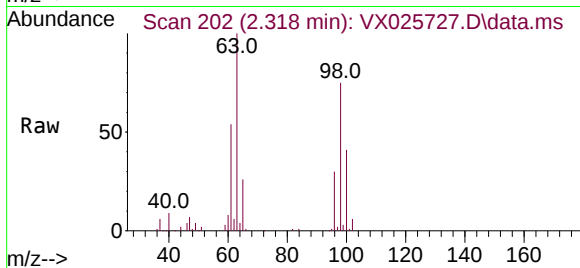
Tgt Ion: 96 Resp: 8065

Ion Ratio Lower Upper

96 100

61 176.4 108.7 201.9

63 329.1 76.3 141.7#



#19

1,1-Dichloroethane

Concen: 0.798 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX025727.D

Acq: 11 Dec 2021 01:24

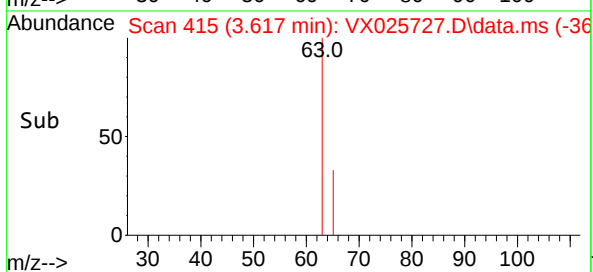
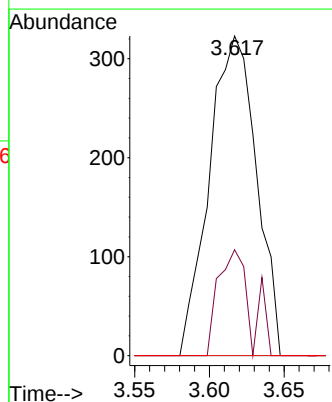
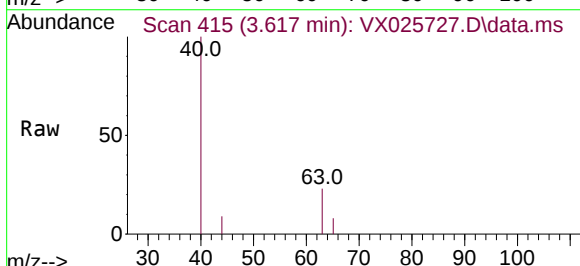
Tgt Ion: 63 Resp: 710

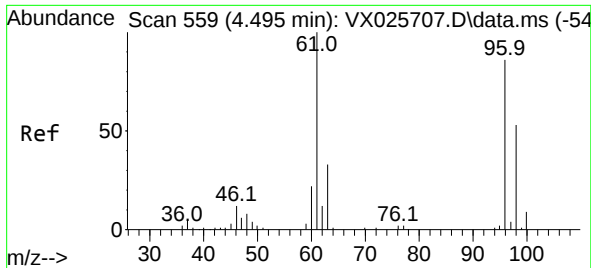
Ion Ratio Lower Upper

63 100

65 33.1 22.2 41.2

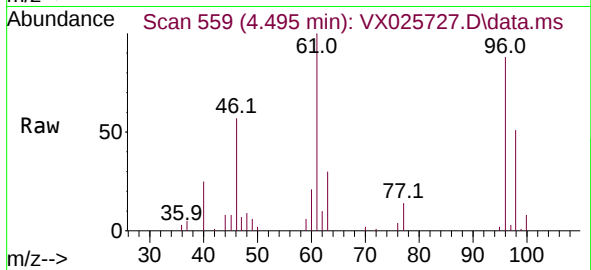
83 0.0 10.2 19.0#



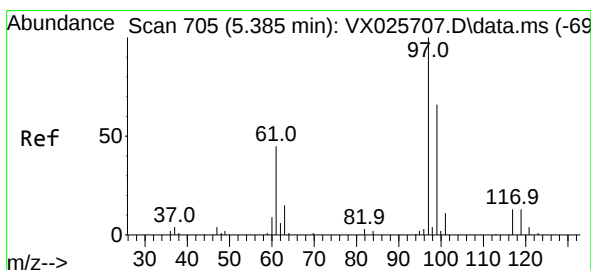
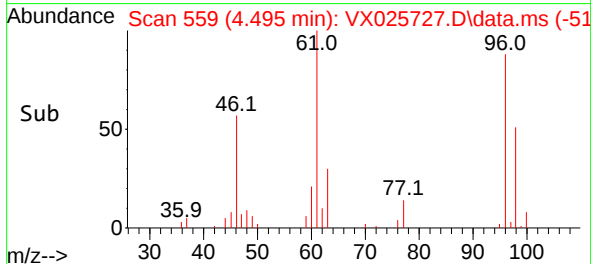
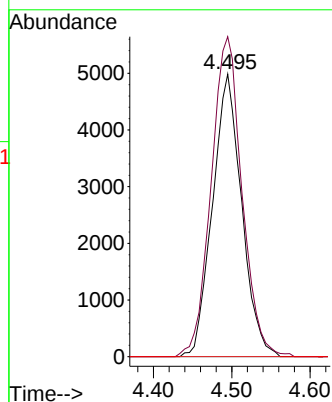


#20
 cis-1,2-Dichloroethene
 Concen: 22.006 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025727.D
 Acq: 11 Dec 2021 01:24

Instrument :
 MSVOA_X
 ClientSampleId :

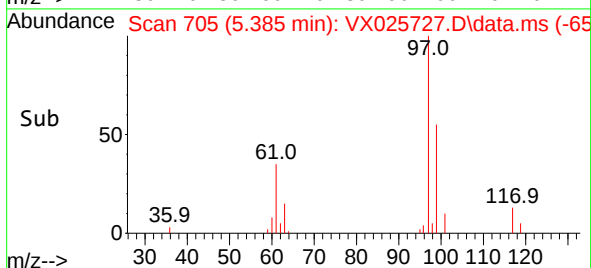
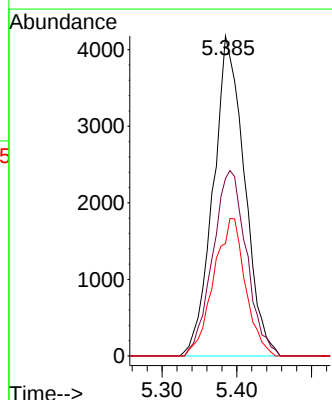
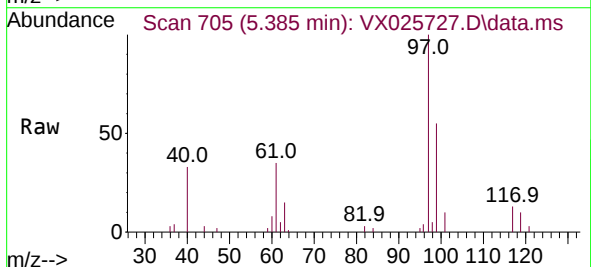


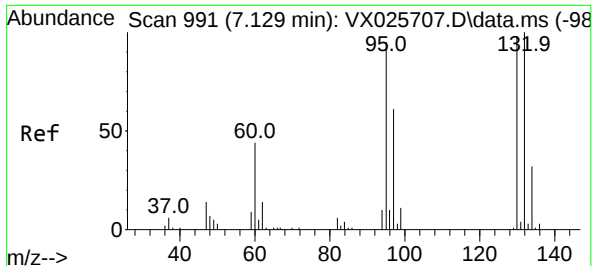
Tgt Ion:	96	Resp:	12891
Ion	Ratio	Lower	Upper
96	100		
61	113.2	82.3	152.8
68	0.0	0.0	0.0



#30
 1,1,1-Trichloroethane
 Concen: 13.428 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. -0.001 min
 Lab File: VX025727.D
 Acq: 11 Dec 2021 01:24

Tgt Ion:	97	Resp:	12146
Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.5	77.3
61	43.7	33.1	49.7

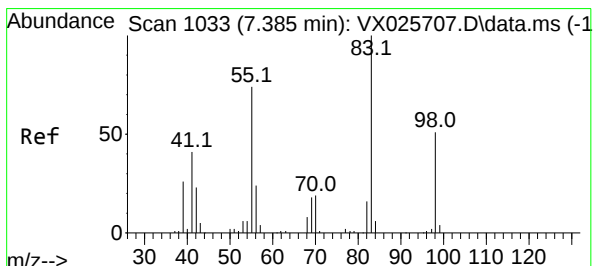
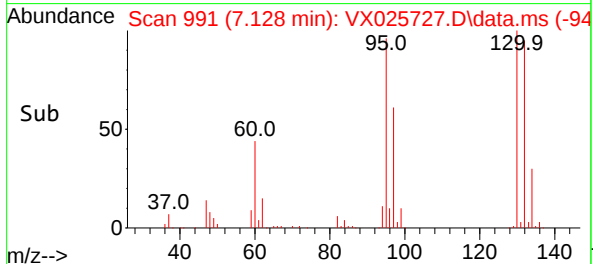
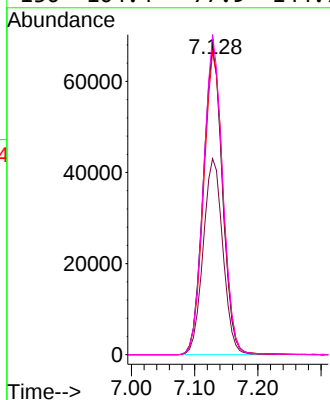
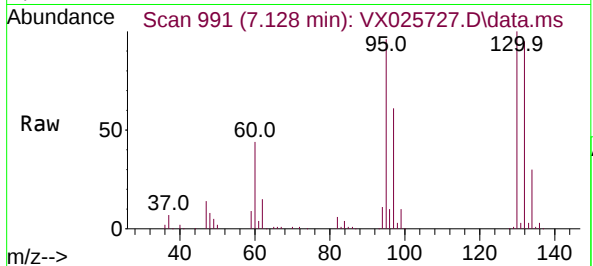




#34
Trichloroethene
Concen: 249.272 ug/L
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025727.D
Acq: 11 Dec 2021 01:24

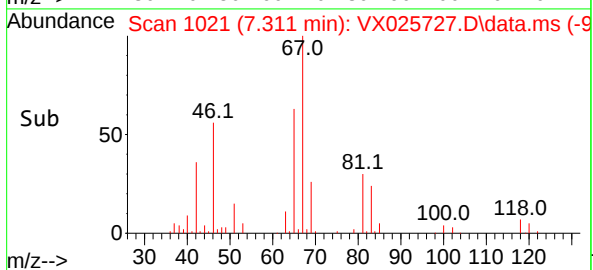
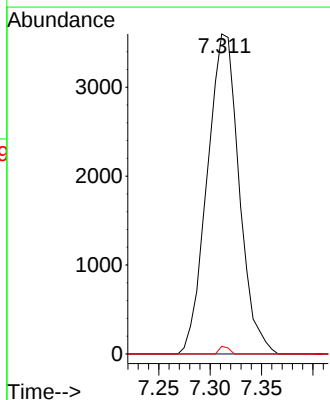
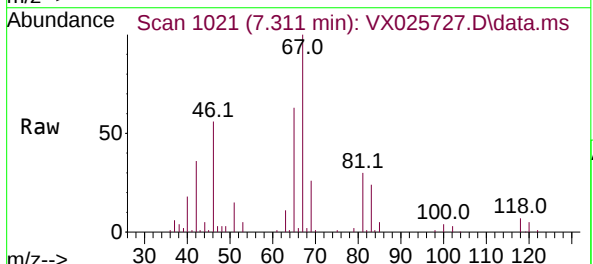
Instrument :
MSVOA_X
ClientSampleId :

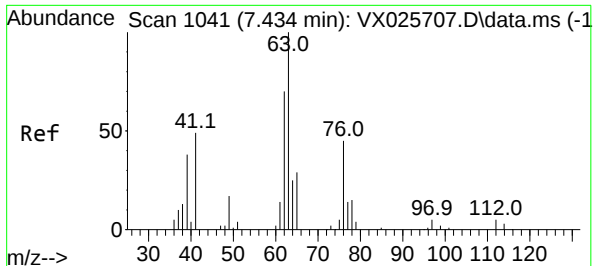
Tgt Ion: 95 Resp: 143518
Ion Ratio Lower Upper
95 100
97 63.9 46.0 85.4
132 98.8 75.0 139.2
130 104.4 77.9 144.7



#35
Methylcyclohexane
Concen: 8.573 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.074 min
Lab File: VX025727.D
Acq: 11 Dec 2021 01:24

Tgt Ion: 83 Resp: 7769
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.7 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 7.008 ug/L

RT: 7.317 min Scan# 1187

Delta R.T. -0.116 min

Lab File: VX025727.D

Acq: 11 Dec 2021 01:24

Instrument :

MSVOA_X

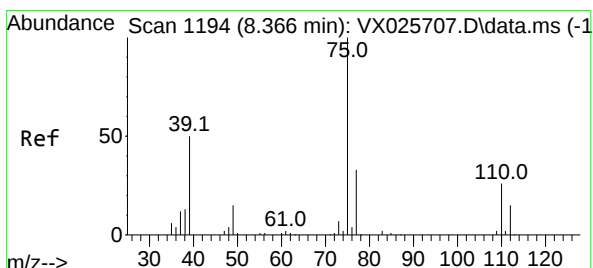
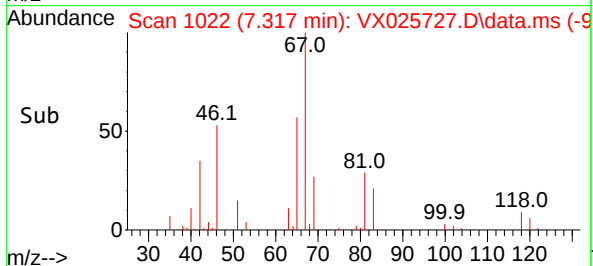
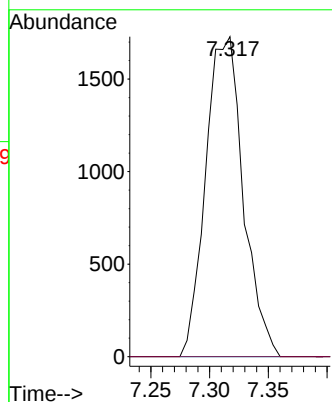
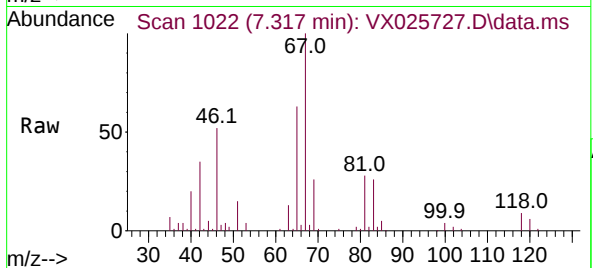
ClientSampleId :

Tgt Ion: 63 Resp: 3848

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.170 ug/L

RT: 8.323 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX025727.D

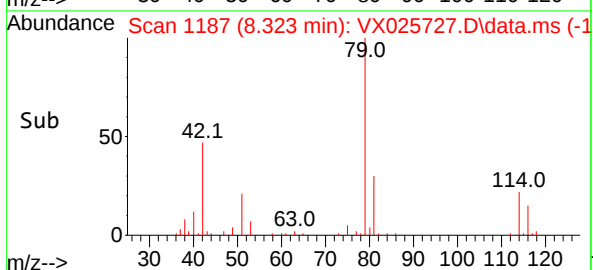
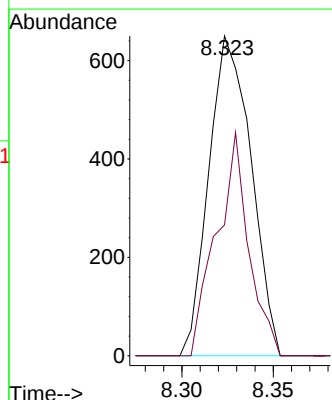
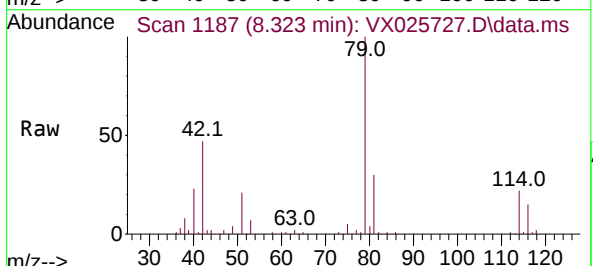
Acq: 11 Dec 2021 01:24

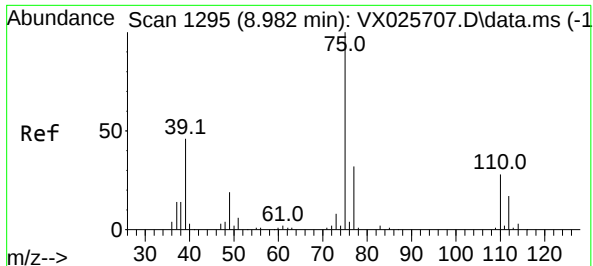
Tgt Ion: 75 Resp: 1046

Ion Ratio Lower Upper

75 100

77 40.9 22.3 41.3

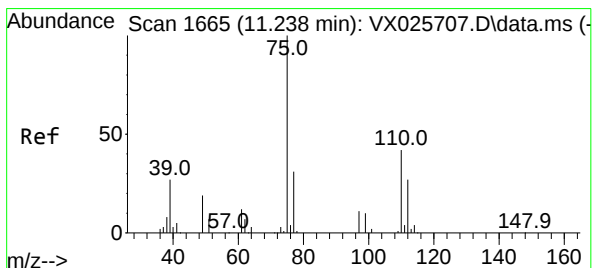
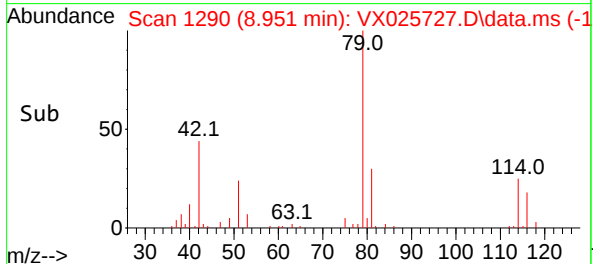
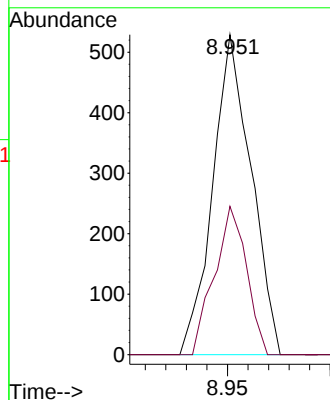
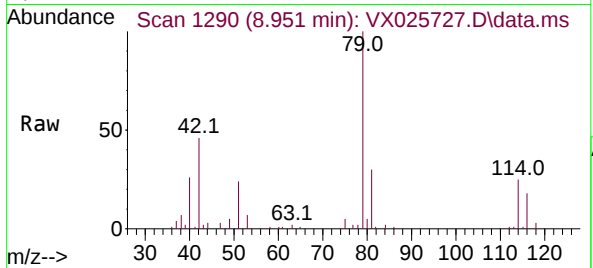




#44
trans-1,3-Dichloropropene
Concen: 0.799 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX025727.D
Acq: 11 Dec 2021 01:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 687
Ion Ratio Lower Upper
75 100
77 46.3 23.0 42.8#



#61
1,2,3-Trichloropropane
Concen: 7.226 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025727.D
Acq: 11 Dec 2021 01:24

Tgt Ion: 75 Resp: 4264
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8
110 2.8 34.7 52.1#

