

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024443.D
 Acq On : 26 Jan 2022 16:46
 Operator : SY/MD
 Sample : N1275-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 03:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 01:56:16 2022
 Response via : Initial Calibration

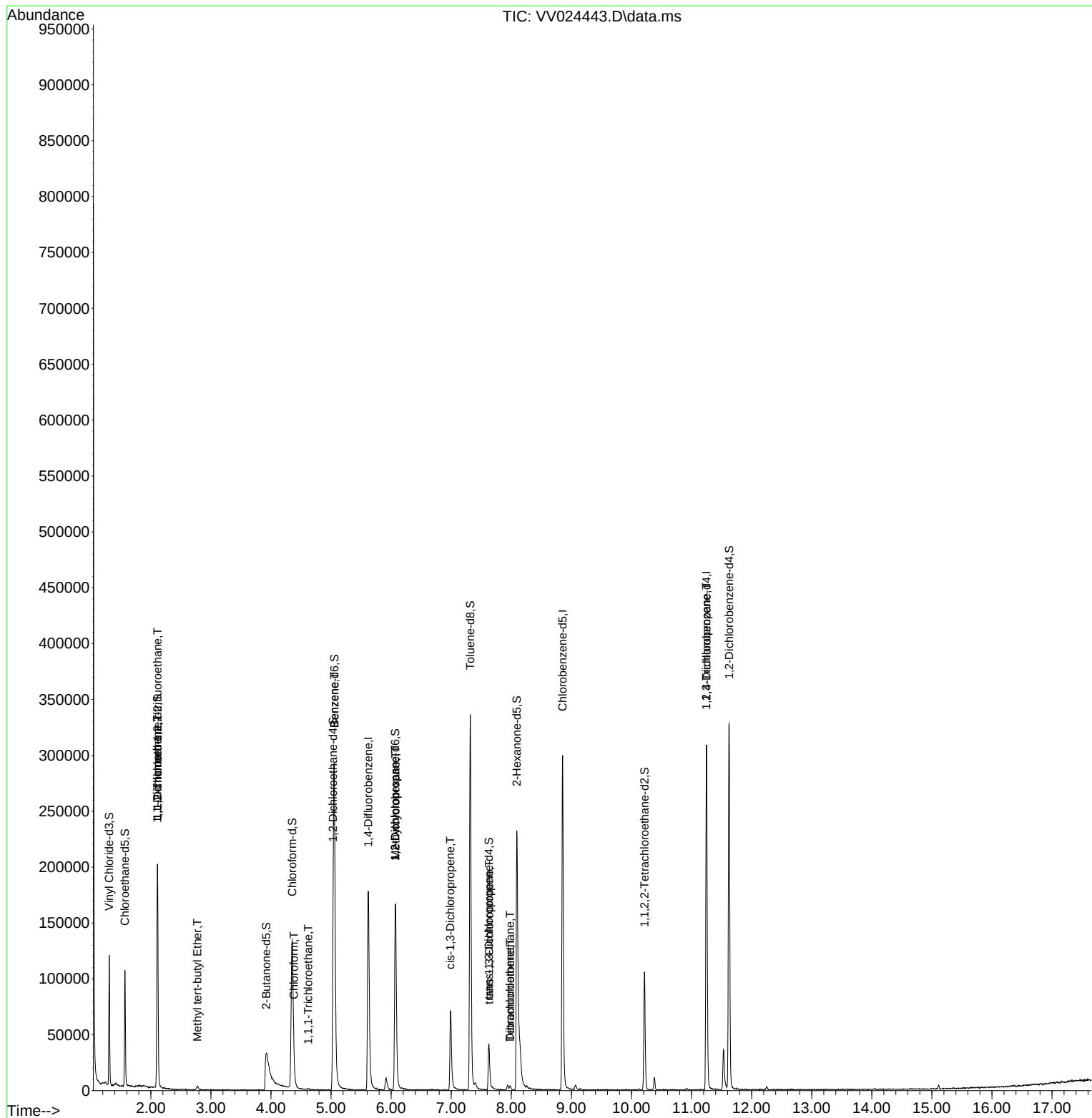
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	157712	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70849	5.128	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.568	69	65282	5.416	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.111	63	108007	4.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.800%	
20) 2-Butanone-d5	3.918	46	91539	41.569	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.140%	
24) Chloroform-d	4.352	84	144972	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4	5.034	65	65922	5.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.000%	
32) Benzene-d6	5.053	84	270452	5.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
36) 1,2-Dichloropropane-d6	6.069	67	85091	5.316	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.317	98	226090	4.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
43) trans-1,3-Dichloroprop...	7.625	79	27484	5.000	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.000%	
46) 2-Hexanone-d5	8.092	63	95260	50.683	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.360%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51057	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	86457	5.930	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1108	0.089	ug/L #	16
12) 1,1-Dichloroethene	2.108	96	1092	0.092	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	3259	0.153	ug/L #	88
25) Chloroform	4.381	83	8764	0.364	ug/L	90
29) 1,1,1-Trichloroethane	4.619	97	476	0.024	ug/L #	60
33) Benzene	5.053	78	2166	0.048	ug/L	100
35) Methylcyclohexane	6.072	83	19860	1.046	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	9586	0.857	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1886	0.125	ug/L #	54
44) trans-1,3-Dichloropropene	7.632	75	1162	0.092	ug/L	87
47) Tetrachloroethene	7.982	164	814	0.080	ug/L	87
49) Dibromochloromethane	7.979	129	871	0.092	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9505	1.804	ug/L #	64

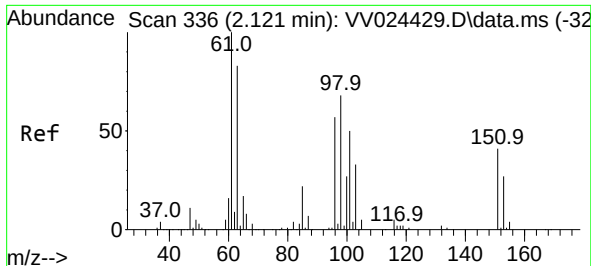
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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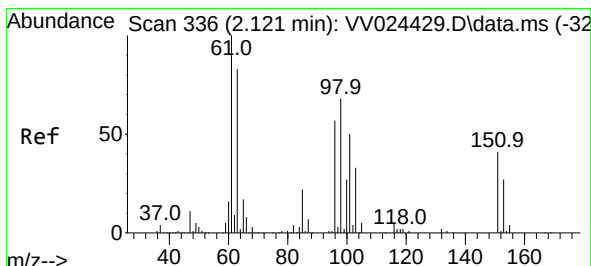
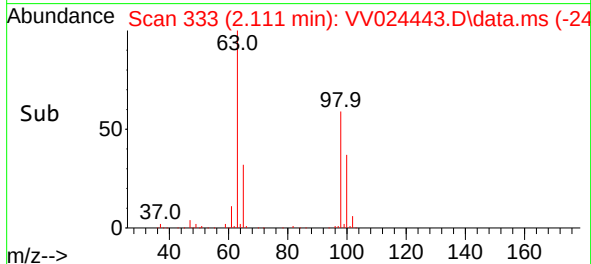
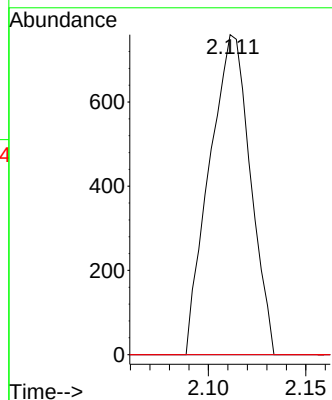
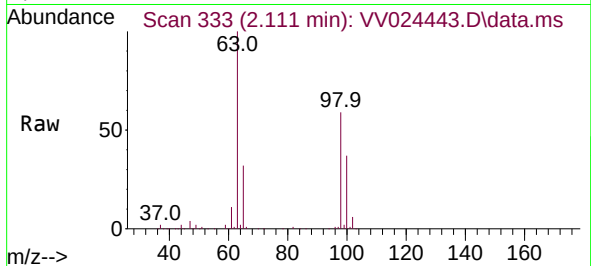




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.089 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.010 min
 Lab File: VV024443.D
 Acq: 26 Jan 2022 16:46

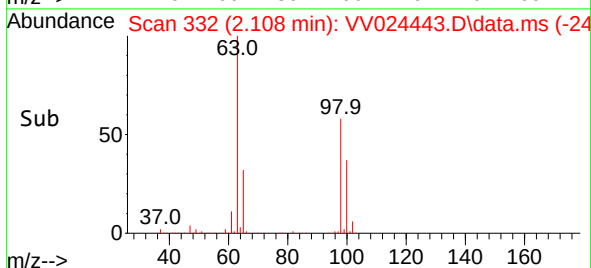
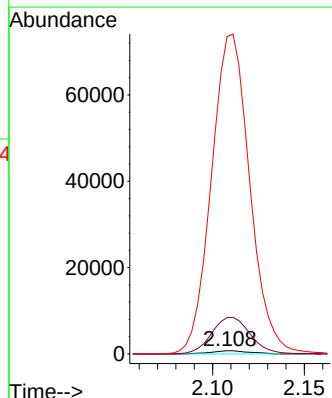
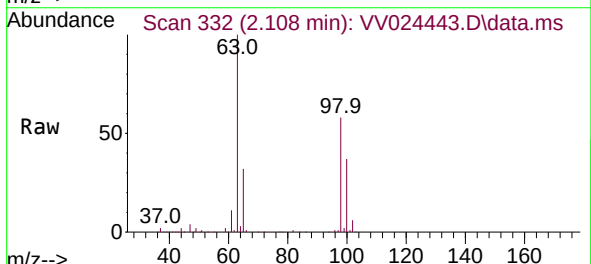
Instrument :
 MSVOA_V
 ClientSampleId :

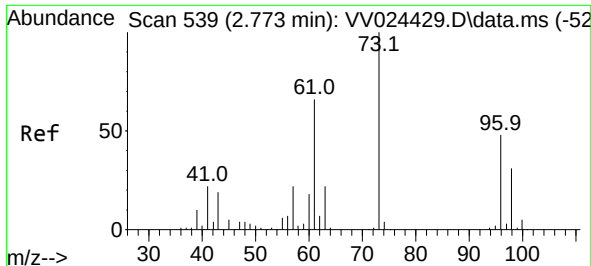
Tgt Ion:101 Resp: 1108
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.0 54.0#
 151 0.0 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 0.092 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.013 min
 Lab File: VV024443.D
 Acq: 26 Jan 2022 16:46

Tgt Ion: 96 Resp: 1092
 Ion Ratio Lower Upper
 96 100
 61 1130.9 116.1 215.5#
 63 9879.6 79.4 147.4#

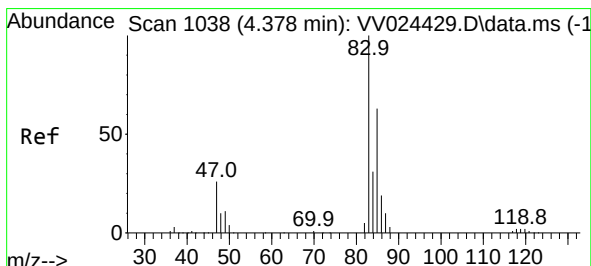
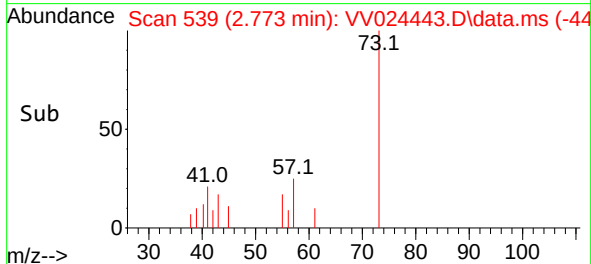
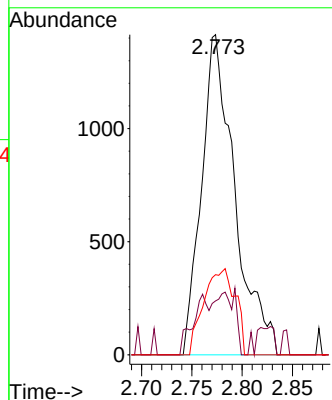
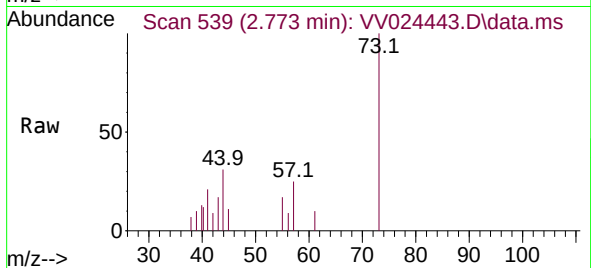




#17
Methyl tert-butyl Ether
Concen: 0.153 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024443.D
Acq: 26 Jan 2022 16:46

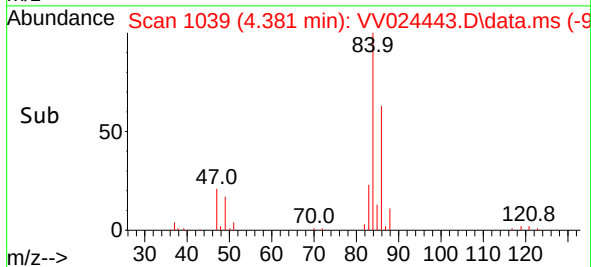
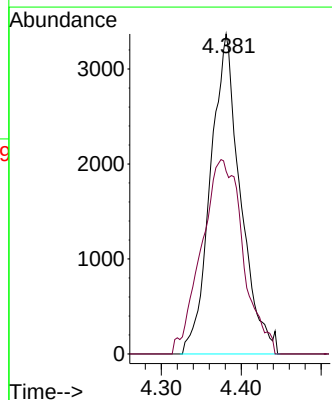
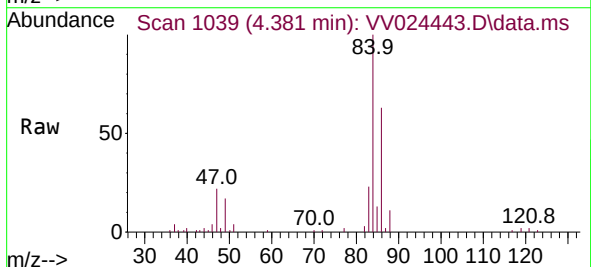
Instrument :
MSVOA_V
ClientSampleId :

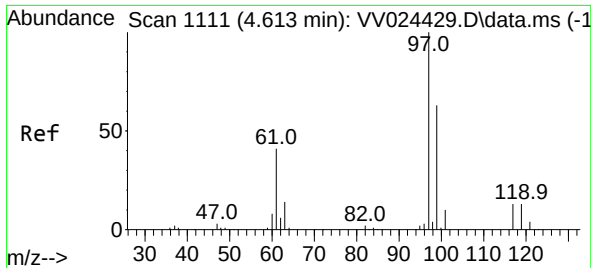
Tgt Ion: 73 Resp: 3259
Ion Ratio Lower Upper
73 100
43 12.6 15.5 23.3#
57 25.4 17.1 25.7



#25
Chloroform
Concen: 0.364 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV024443.D
Acq: 26 Jan 2022 16:46

Tgt Ion: 83 Resp: 8764
Ion Ratio Lower Upper
83 100
85 57.1 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.024 ug/L

RT: 4.619 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV024443.D

Acq: 26 Jan 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

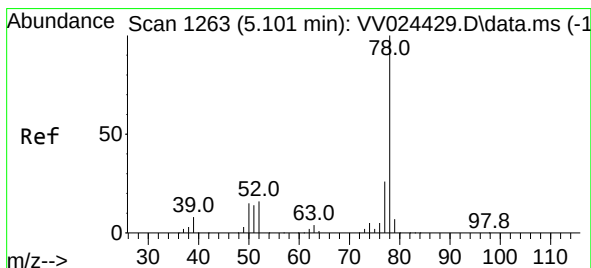
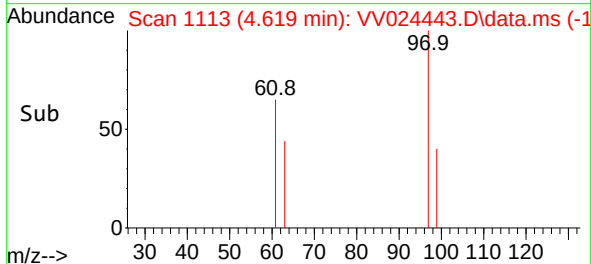
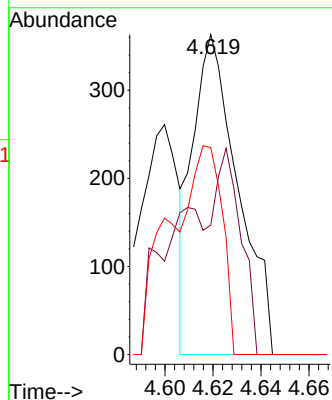
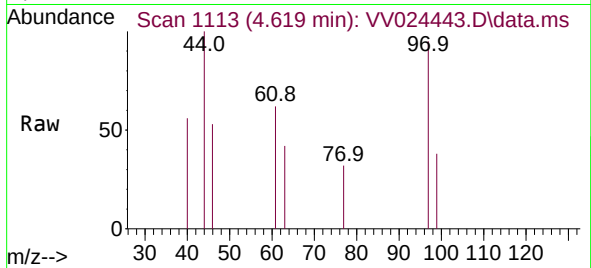
Tgt Ion: 97 Resp: 476

Ion Ratio Lower Upper

97 100

99 40.8 51.9 77.9#

61 75.2 33.2 49.8#



#33

Benzene

Concen: 0.048 ug/L

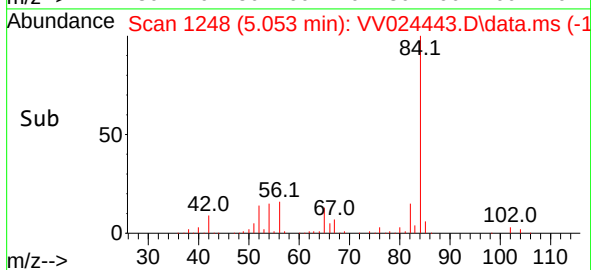
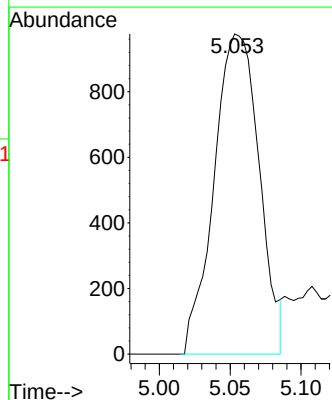
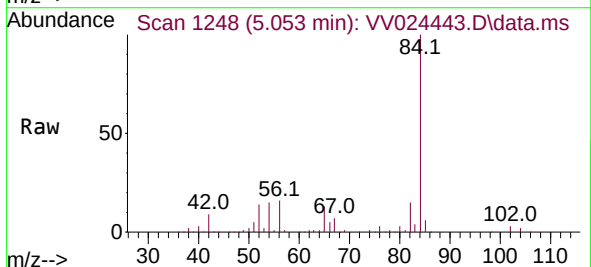
RT: 5.053 min Scan# 1248

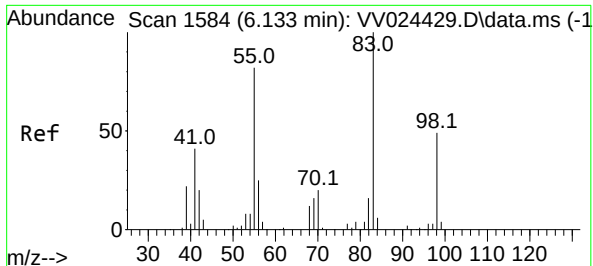
Delta R.T. -0.048 min

Lab File: VV024443.D

Acq: 26 Jan 2022 16:46

Tgt Ion: 78 Resp: 2166





#35

Methylcyclohexane

Concen: 1.046 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV024443.D

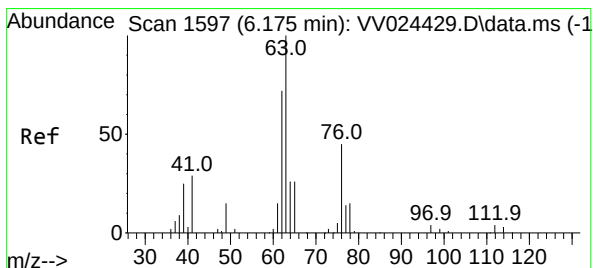
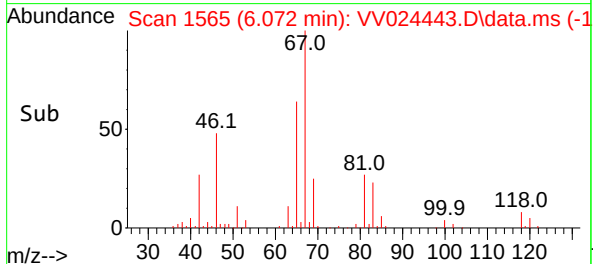
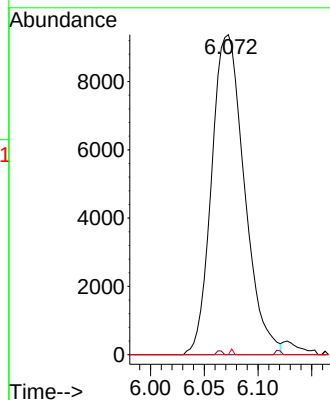
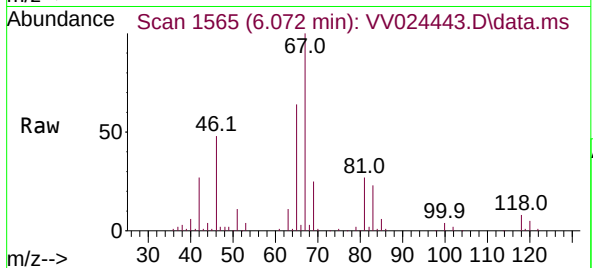
Acq: 26 Jan 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 19860
Ion Ratio	Lower Upper
83 100	
55 0.2	60.2 90.2#
98 9.4	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.857 ug/L

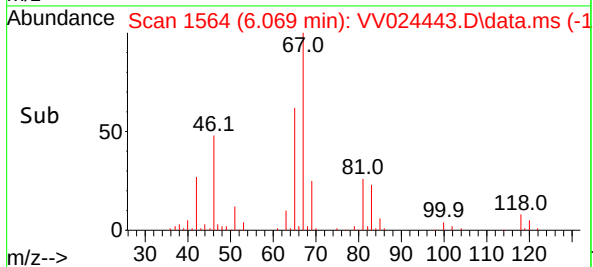
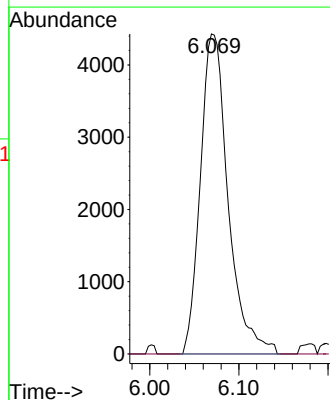
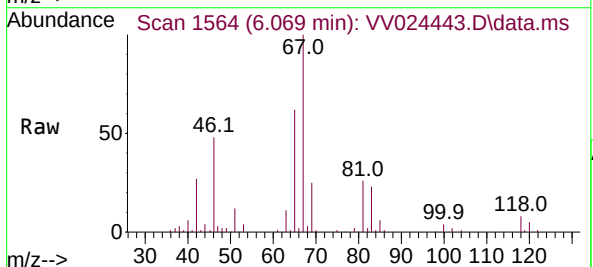
RT: 6.069 min Scan# 1564

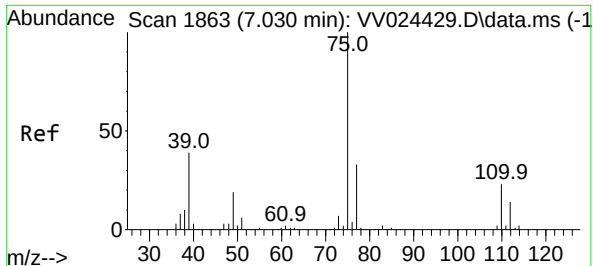
Delta R.T. -0.106 min

Lab File: VV024443.D

Acq: 26 Jan 2022 16:46

Tgt Ion: 63	Resp: 9586
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV024443.D

Acq: 26 Jan 2022 16:46

Instrument :

MSVOA_V

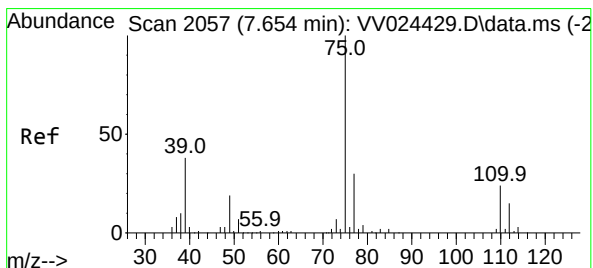
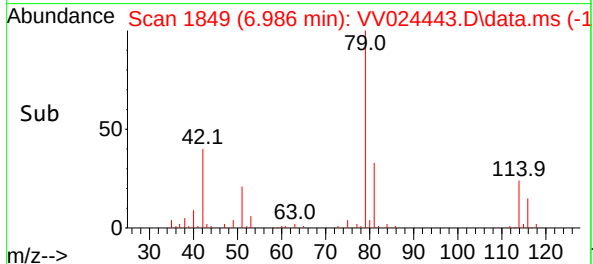
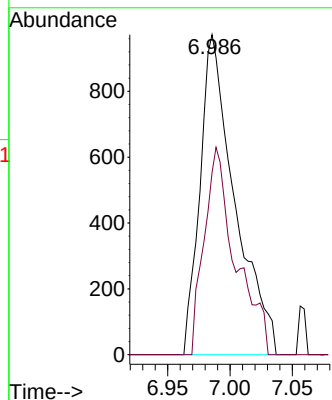
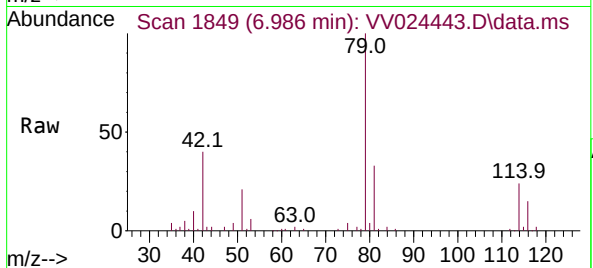
ClientSampleId :

Tgt Ion: 75 Resp: 1886

Ion Ratio Lower Upper

75 100

77 56.9 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.022 min

Lab File: VV024443.D

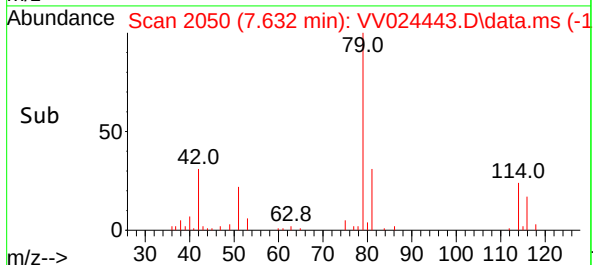
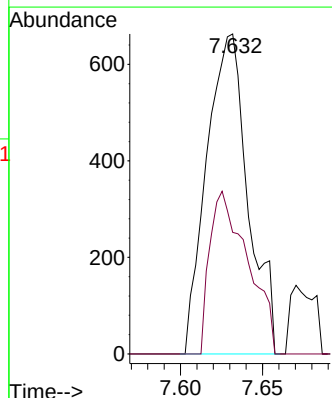
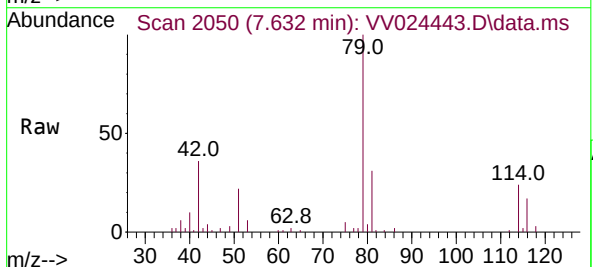
Acq: 26 Jan 2022 16:46

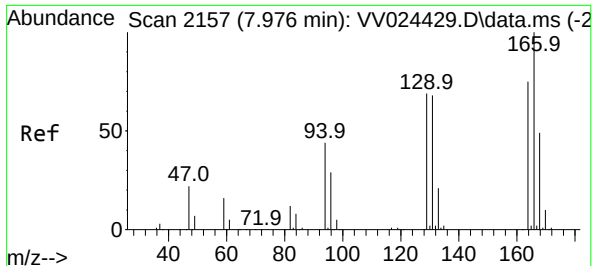
Tgt Ion: 75 Resp: 1162

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.4





#47

Tetrachloroethene

Concen: 0.080 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV024443.D

Acq: 26 Jan 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 814

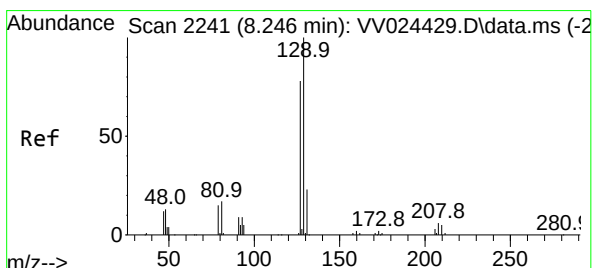
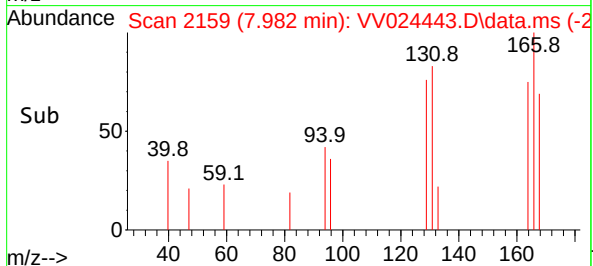
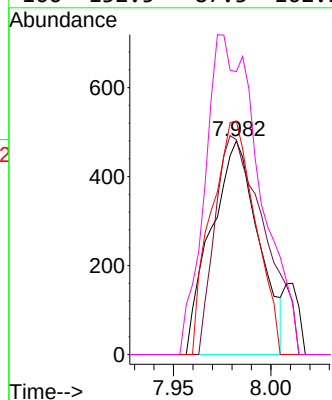
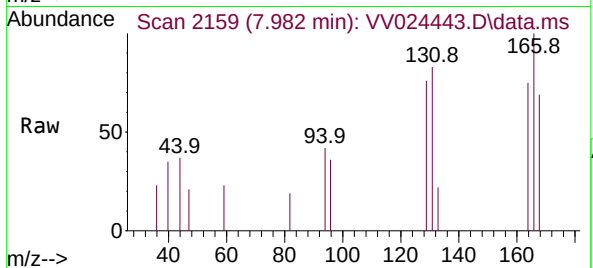
Ion Ratio Lower Upper

164 100

129 100.6 62.6 116.2

131 109.4 61.0 113.4

166 132.5 87.3 162.1



#49

Dibromochloromethane

Concen: 0.092 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV024443.D

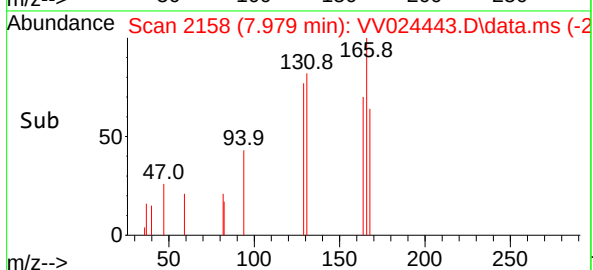
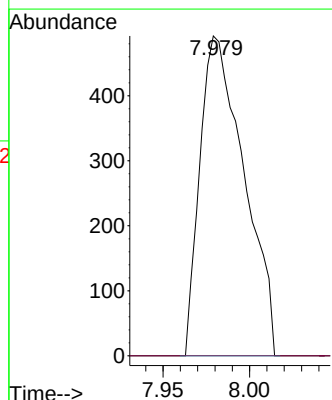
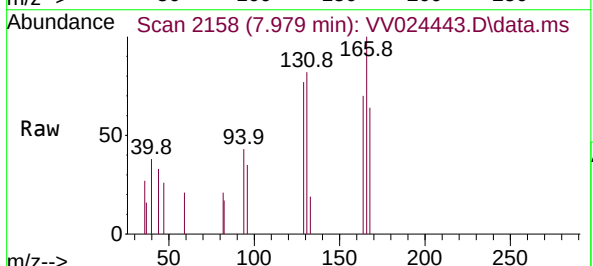
Acq: 26 Jan 2022 16:46

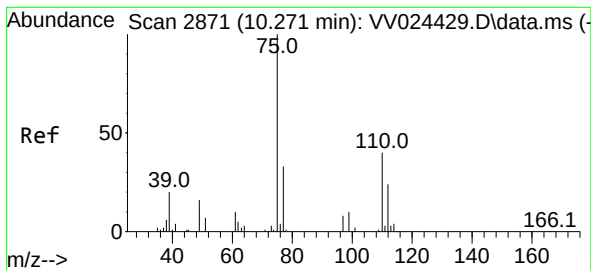
Tgt Ion:129 Resp: 871

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.804 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.975 min

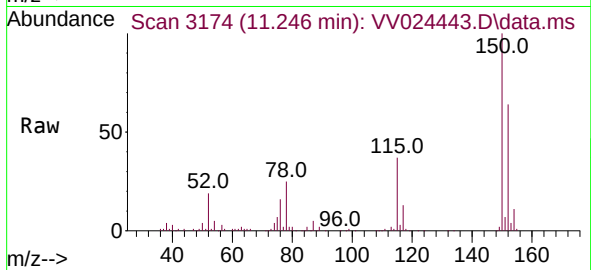
Lab File: VV024443.D

Acq: 26 Jan 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9505

Ion Ratio Lower Upper

75 100

77 32.6 26.4 39.6

110 2.6 34.2 51.2#

