

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024440.D
 Acq On : 26 Jan 2022 15:37
 Operator : SY/MD
 Sample : N1275-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

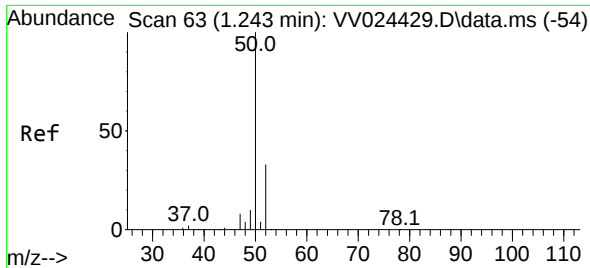
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 03:51:00 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	142155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	154718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71386	5.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.600%
7) Chloroethane-d5	1.568	69	70161	6.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.200%
11) 1,1-Dichloroethene-d2	2.111	63	118081	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	3.924	46	83923	42.281	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.352	84	134425	5.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
26) 1,2-Dichloroethane-d4	5.037	65	65626	6.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.600%
32) Benzene-d6	5.053	84	255204	5.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	6.072	67	84191	5.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.800%
41) Toluene-d8	7.317	98	210028	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.625	79	25091	5.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.091	63	94855	55.521	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48966	5.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	72874	5.842	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	709	0.049	ug/L	93
5) Vinyl chloride	1.314	62	644	0.044	ug/L #	1
6) Bromomethane	1.526	94	492	0.054	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1214	0.108	ug/L #	23
12) 1,1-Dichloroethene	2.111	96	1169	0.109	ug/L #	1
25) Chloroform	4.381	83	13571	0.625	ug/L	100
29) 1,1,1-Trichloroethane	4.622	97	1796	0.100	ug/L #	75
34) Trichloroethene	5.928	95	2679	0.229	ug/L	99
35) Methylcyclohexane	6.072	83	19885	1.152	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	9895	0.973	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1997	0.146	ug/L	93
44) trans-1,3-Dichloropropene	7.625	75	1286	0.113	ug/L #	70
47) Tetrachloroethene	7.985	164	507	0.055	ug/L	88
49) Dibromochloromethane	7.979	129	498	0.058	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	9057	2.009	ug/L #	63

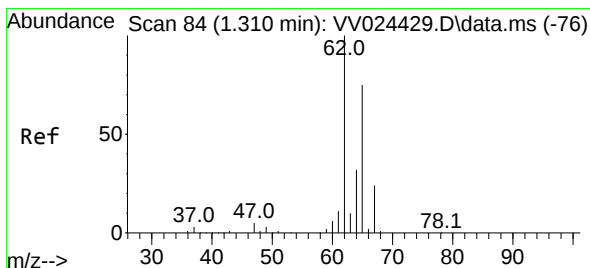
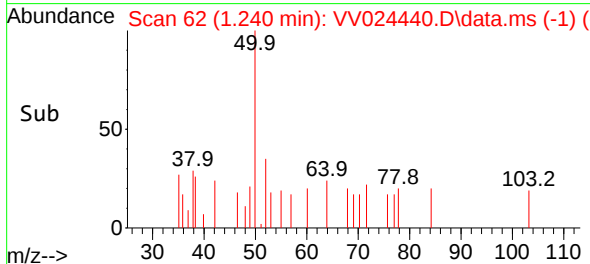
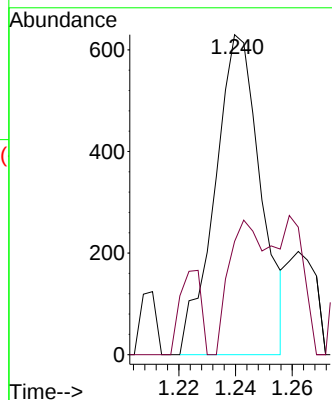
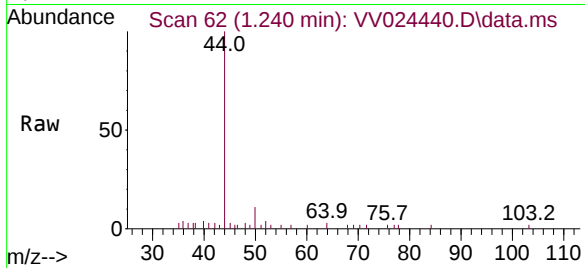
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV024440.D
Acq: 26 Jan 2022 15:37

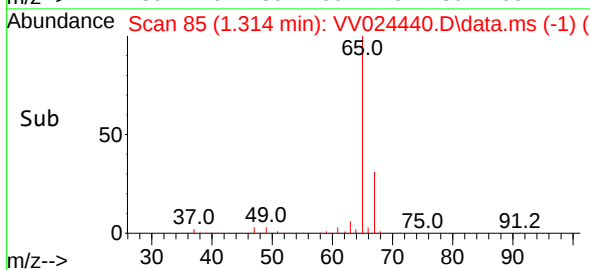
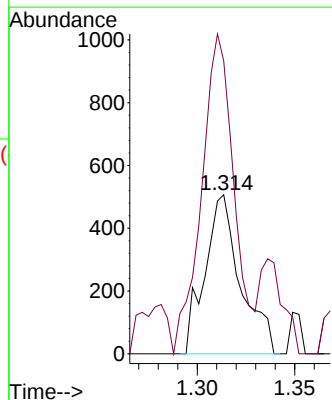
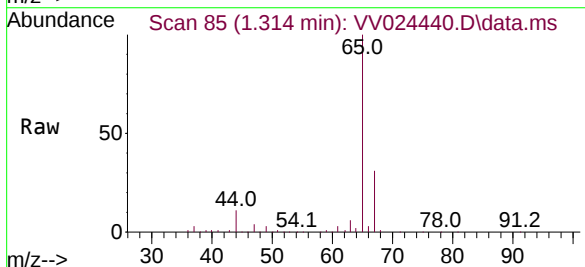
Instrument :
MSVOA_V
ClientSampleId :

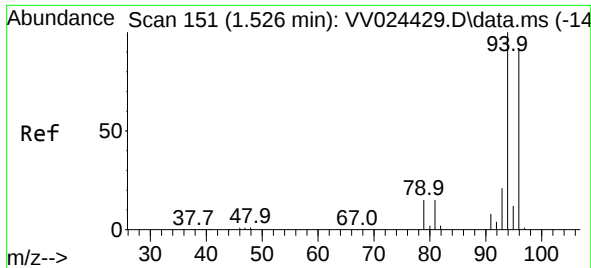
Tgt Ion: 50 Resp: 709
Ion Ratio Lower Upper
50 100
52 35.4 22.0 41.0



#5
Vinyl chloride
Concen: 0.044 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.004 min
Lab File: VV024440.D
Acq: 26 Jan 2022 15:37

Tgt Ion: 62 Resp: 644
Ion Ratio Lower Upper
62 100
64 184.0 22.4 41.6#

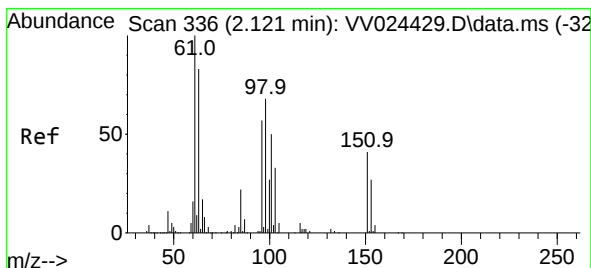
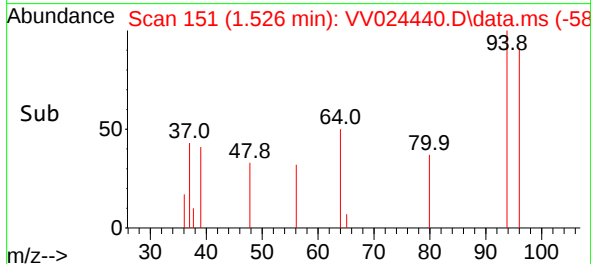
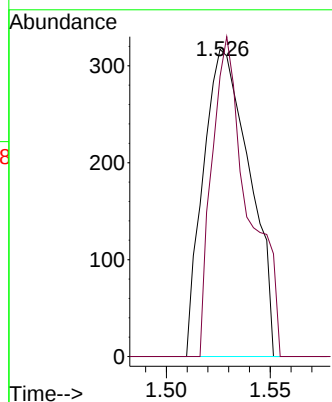
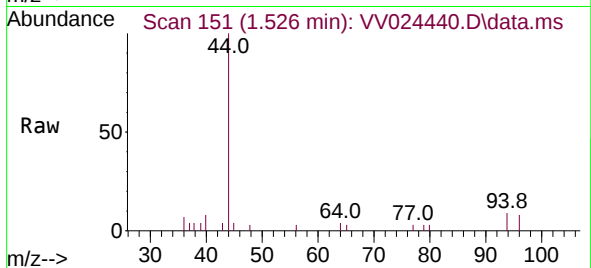




#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024440.D
Acq: 26 Jan 2022 15:37

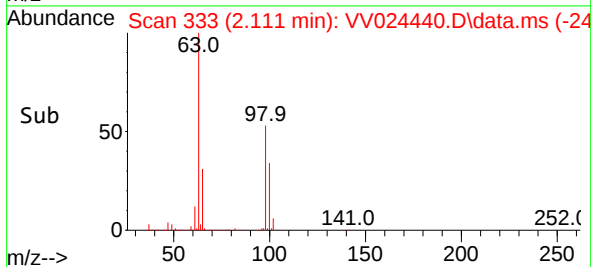
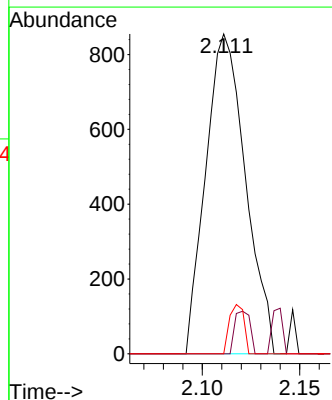
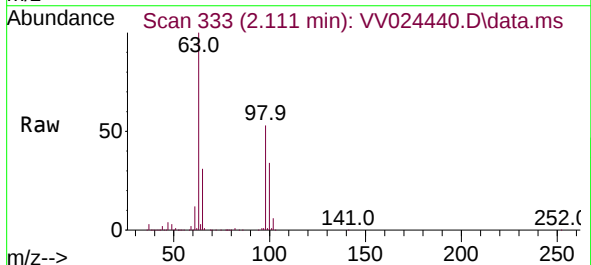
Instrument :
MSVOA_V
ClientSampleId :

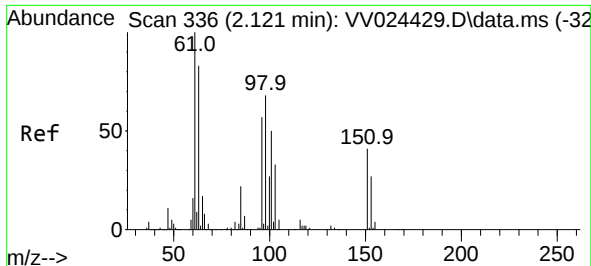
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 91.2 66.2 123.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.108 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV024440.D
Acq: 26 Jan 2022 15:37

Tgt Ion:101 Resp: 1214
Ion Ratio Lower Upper
101 100
85 5.2 36.0 54.0#
151 5.6 66.4 99.6#





#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV024440.D

Acq: 26 Jan 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

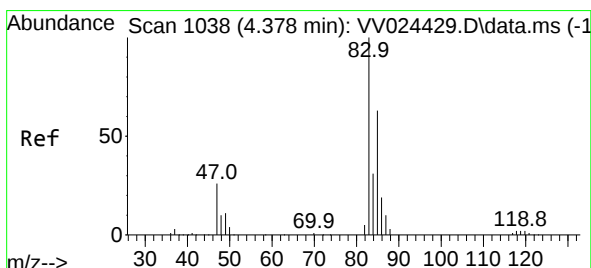
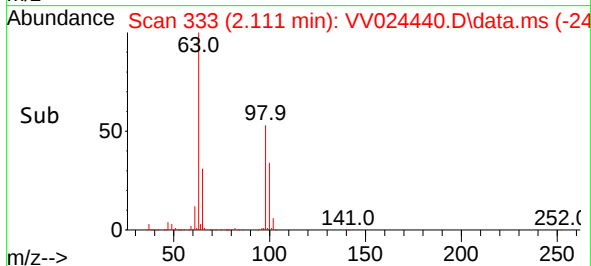
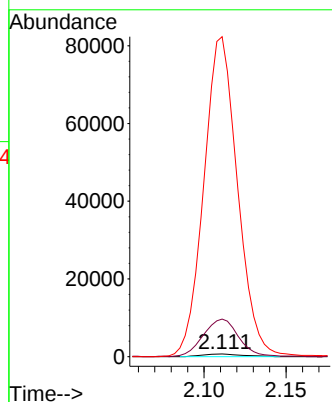
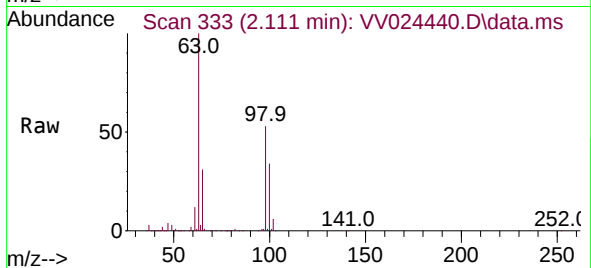
Tgt Ion: 96 Resp: 1169

Ion Ratio Lower Upper

96 100

61 1404.4 116.1 215.5#

63 11950.1 79.4 147.4#



#25

Chloroform

Concen: 0.625 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV024440.D

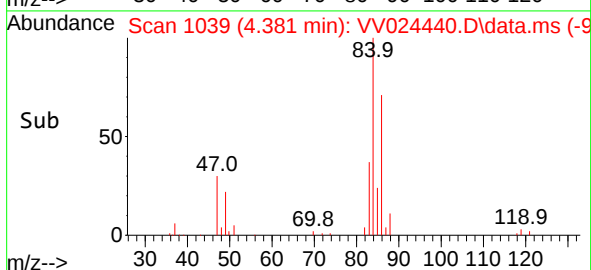
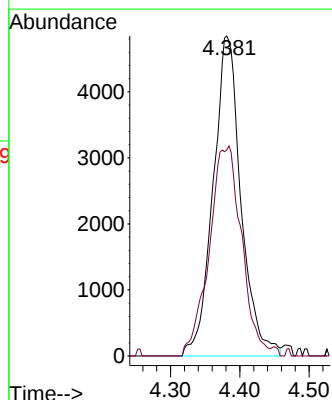
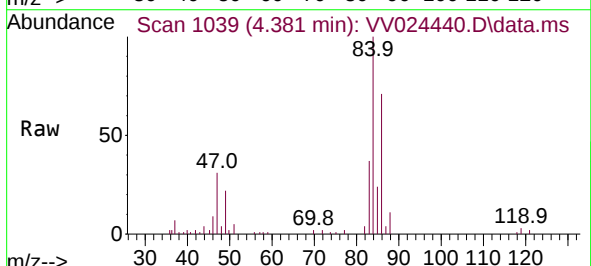
Acq: 26 Jan 2022 15:37

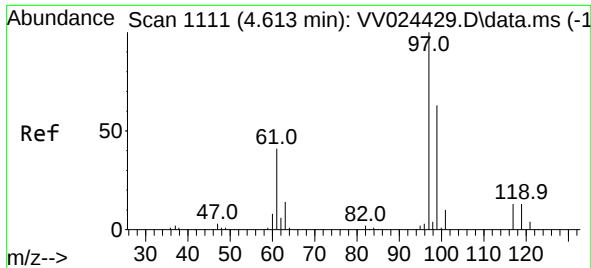
Tgt Ion: 83 Resp: 13571

Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.100 ug/L

RT: 4.622 min Scan# 1111

Delta R.T. 0.009 min

Lab File: VV024440.D

Acq: 26 Jan 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

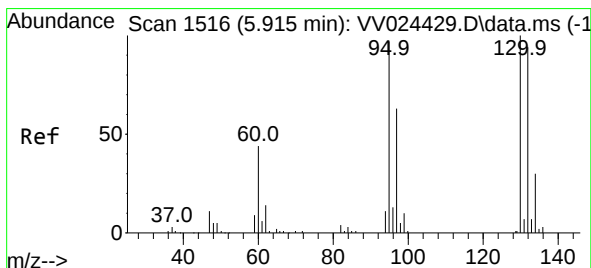
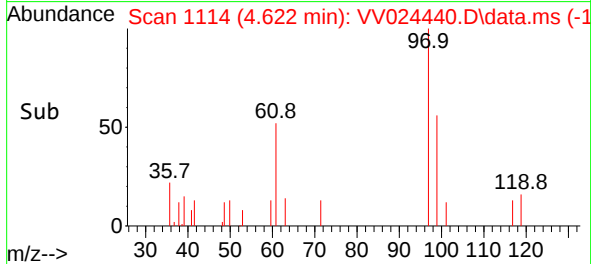
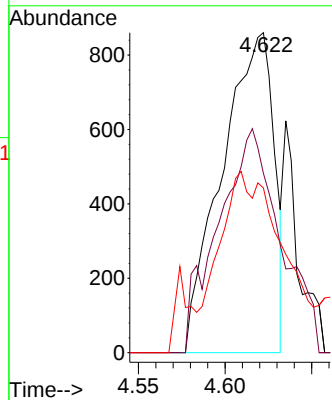
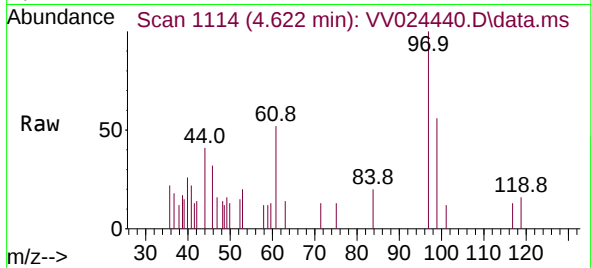
Tgt Ion: 97 Resp: 1796

Ion Ratio Lower Upper

97 100

99 83.6 51.9 77.9#

61 24.5 33.2 49.8#



#34

Trichloroethene

Concen: 0.229 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.013 min

Lab File: VV024440.D

Acq: 26 Jan 2022 15:37

Tgt Ion: 95 Resp: 2679

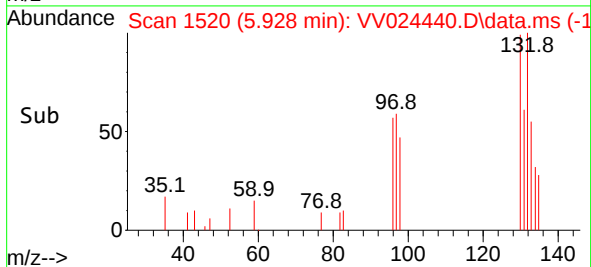
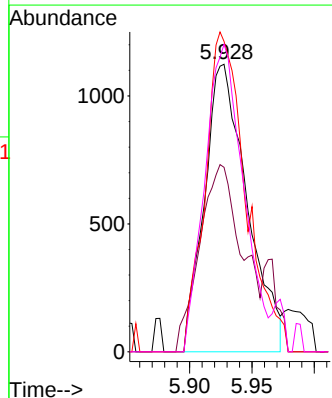
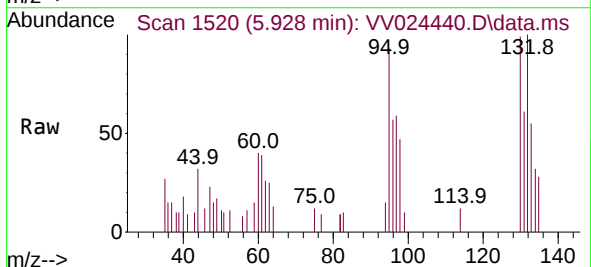
Ion Ratio Lower Upper

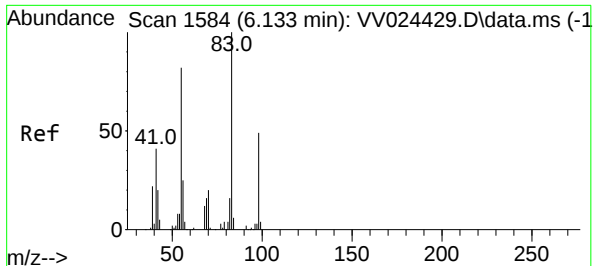
95 100

97 64.1 45.2 84.0

132 107.9 76.1 141.3

130 106.9 75.4 140.0

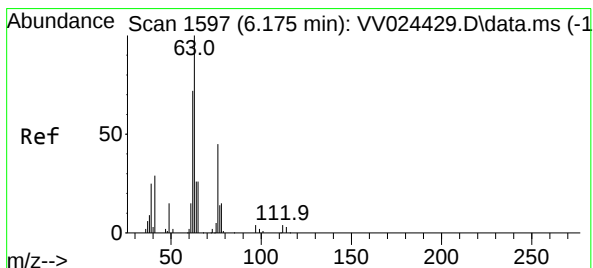
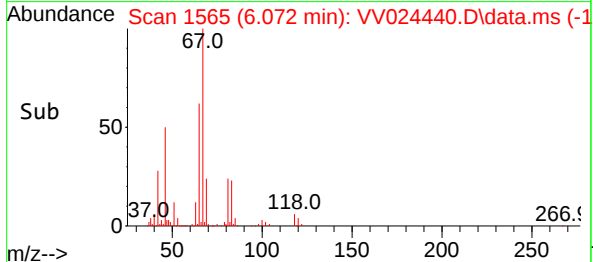
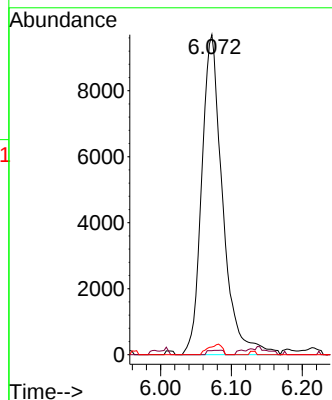
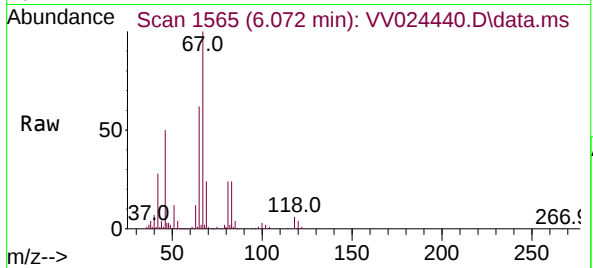




#35
Methylcyclohexane
Concen: 1.152 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV024440.D
Acq: 26 Jan 2022 15:37

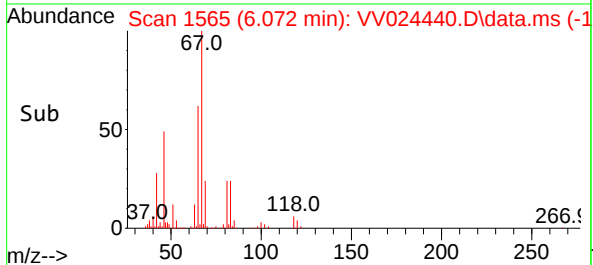
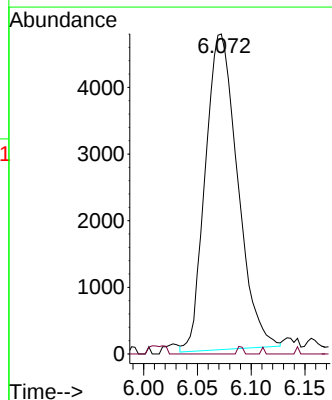
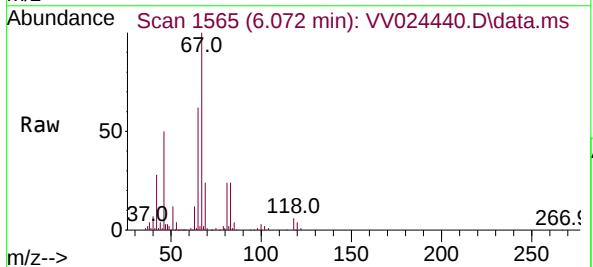
Instrument :
MSVOA_V
ClientSampleId :

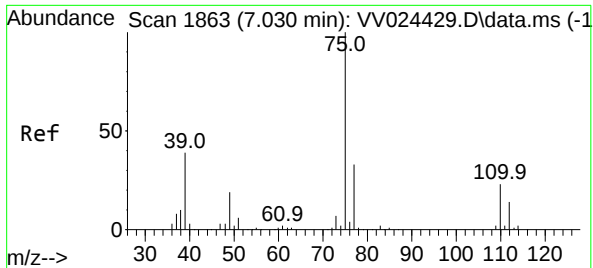
Tgt Ion: 83 Resp: 19885
Ion Ratio Lower Upper
83 100
55 1.0 60.2 90.2#
98 2.1 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.973 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV024440.D
Acq: 26 Jan 2022 15:37

Tgt Ion: 63 Resp: 9895
Ion Ratio Lower Upper
63 100
112 0.4 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.146 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.048 min

Lab File: VV024440.D

Acq: 26 Jan 2022 15:37

Instrument :

MSVOA_V

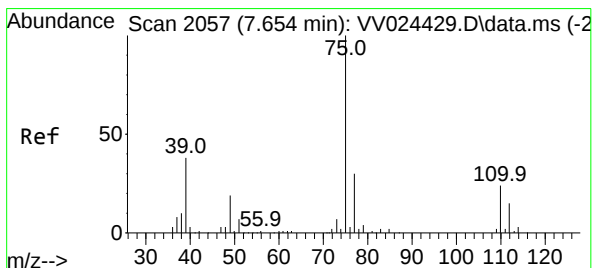
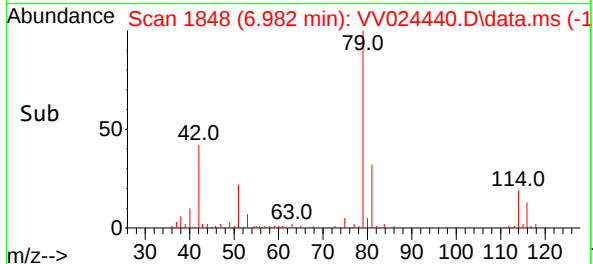
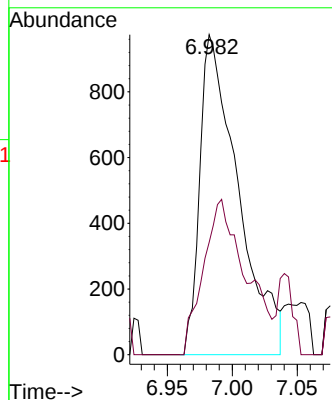
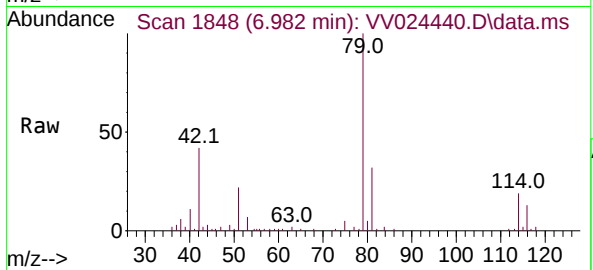
ClientSampleId :

Tgt Ion: 75 Resp: 1997

Ion Ratio Lower Upper

75 100

77 35.1 22.0 41.0



#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.029 min

Lab File: VV024440.D

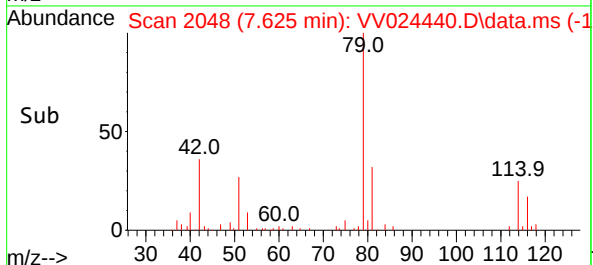
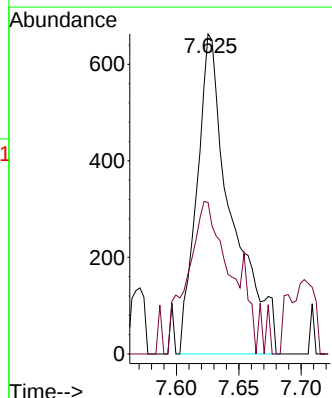
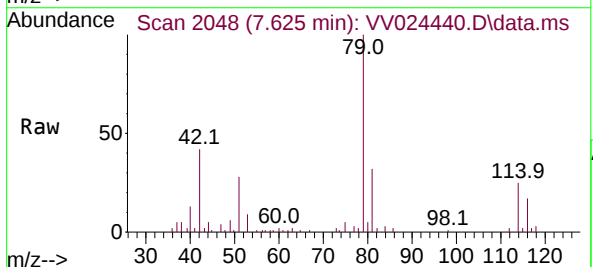
Acq: 26 Jan 2022 15:37

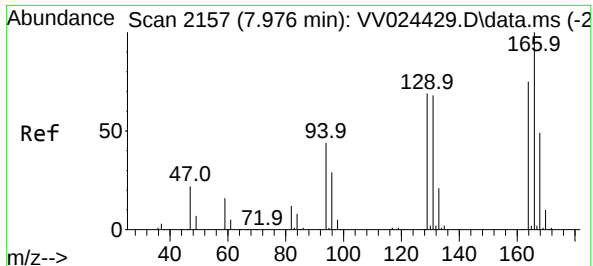
Tgt Ion: 75 Resp: 1286

Ion Ratio Lower Upper

75 100

77 47.4 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.055 ug/L

RT: 7.985 min Scan# 2158

Delta R.T. 0.009 min

Lab File: VV024440.D

Acq: 26 Jan 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 507

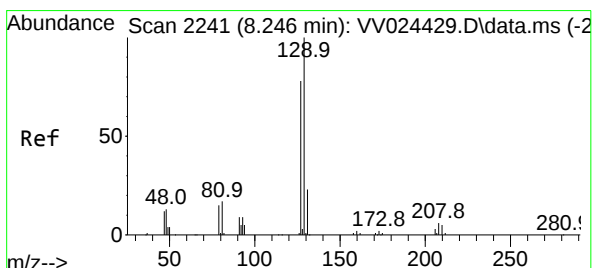
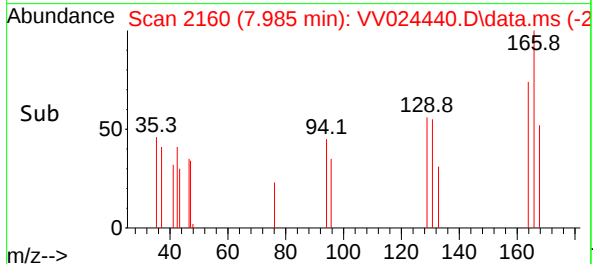
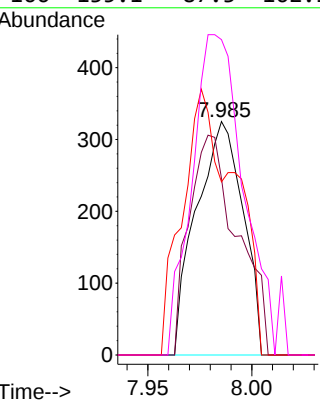
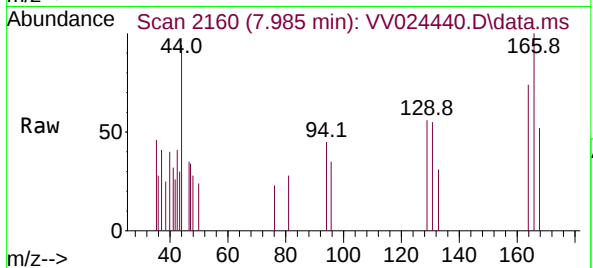
Ion Ratio Lower Upper

164 100

129 75.7 62.6 116.2

131 74.2 61.0 113.4

166 135.1 87.3 162.1



#49

Dibromochloromethane

Concen: 0.058 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV024440.D

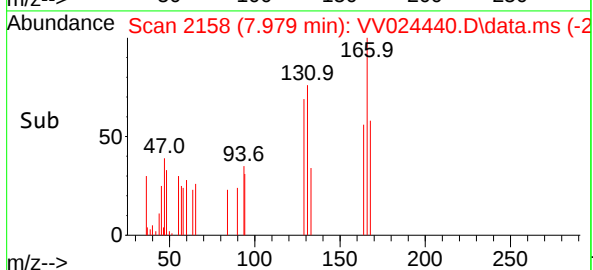
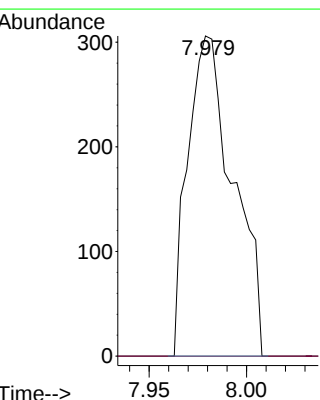
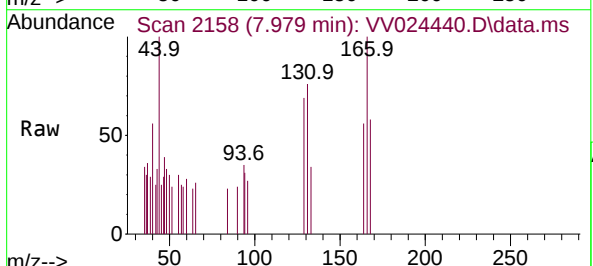
Acq: 26 Jan 2022 15:37

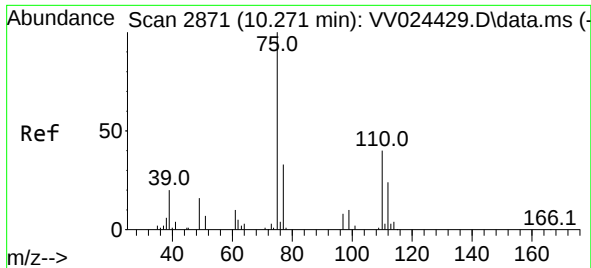
Tgt Ion:129 Resp: 498

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 2.009 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

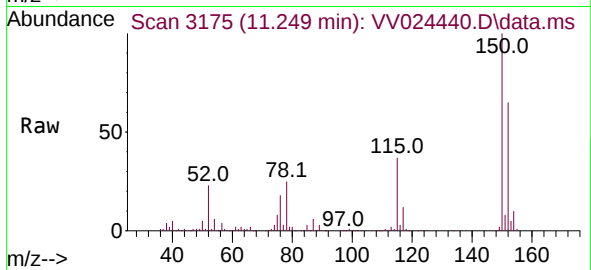
Lab File: VV024440.D

Acq: 26 Jan 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9057

Ion Ratio Lower Upper

75 100

77 36.4 26.4 39.6

110 3.9 34.2 51.2#

