

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027504.D
 Acq On : 25 Aug 2022 19:03
 Operator : SY/MD
 Sample : N4370-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 01:01:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

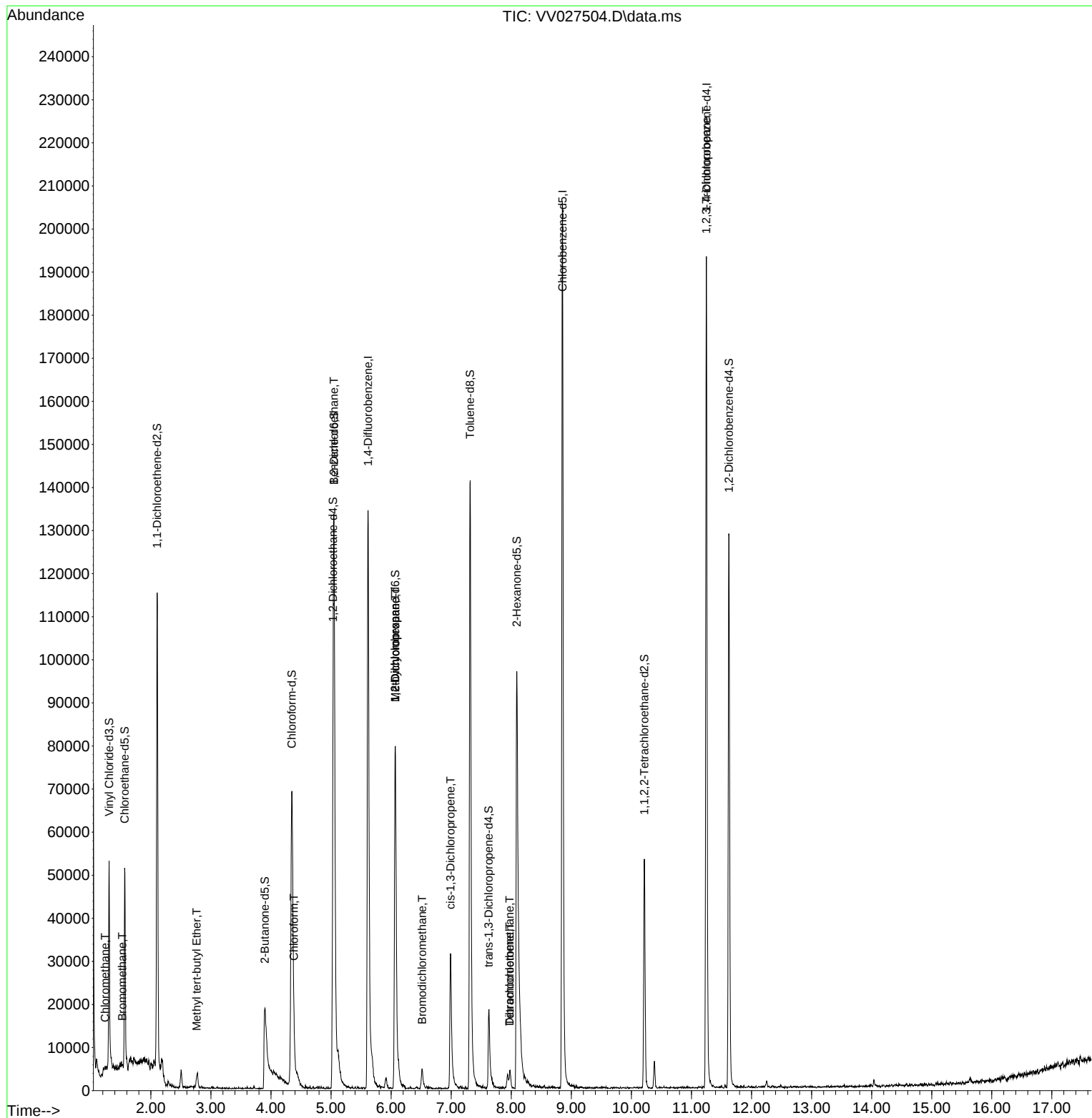
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51385	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34406	4.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.565	69	30052	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.105	63	59537	2.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.899	46	43655	41.153	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.300%
24) Chloroform-d	4.346	84	70651	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.034	65	32366	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.050	84	125494	3.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.069	67	40490	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.314	98	100777	3.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.625	79	12709	3.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.092	63	42239	39.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25555	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	33206	4.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	507	0.046	ug/L #	57
6) Bromomethane	1.523	94	378	0.068	ug/L	77
17) Methyl tert-butyl Ether	2.764	73	1255	0.067	ug/L #	52
25) Chloroform	4.381	83	8285	0.394	ug/L	90
27) 1,2-Dichloroethane	5.050	62	897	0.084	ug/L #	74
35) Methylcyclohexane	6.069	83	10122	0.691	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5117	0.485	ug/L #	85
38) Bromodichloromethane	6.516	83	3879	0.290	ug/L	97
39) cis-1,3-Dichloropropene	6.989	75	977	0.077	ug/L	83
47) Tetrachloroethene	7.976	164	965	0.119	ug/L	92
49) Dibromochloromethane	7.976	129	877	0.106	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	5773	1.281	ug/L #	65

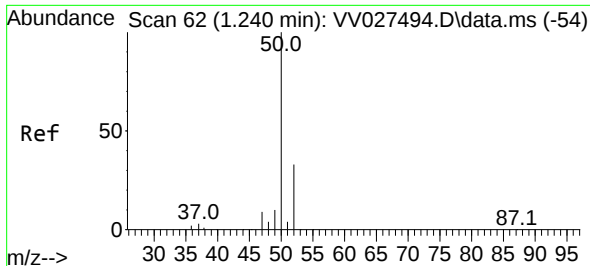
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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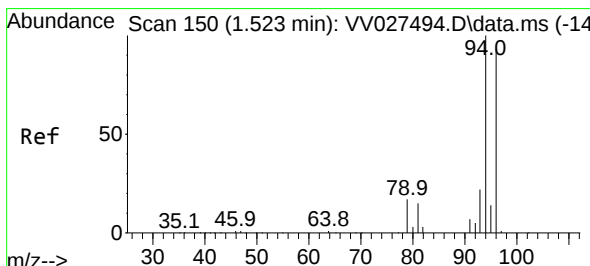
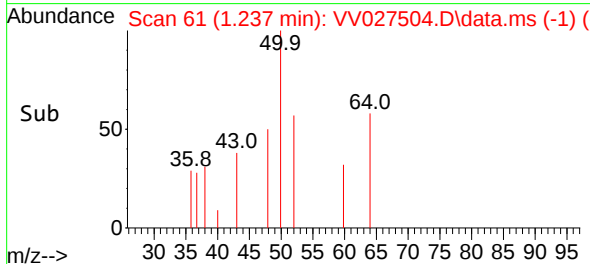
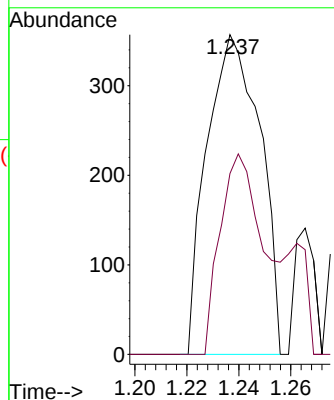
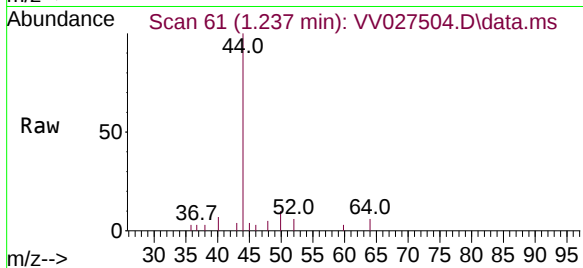




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027504.D
Acq: 25 Aug 2022 19:03

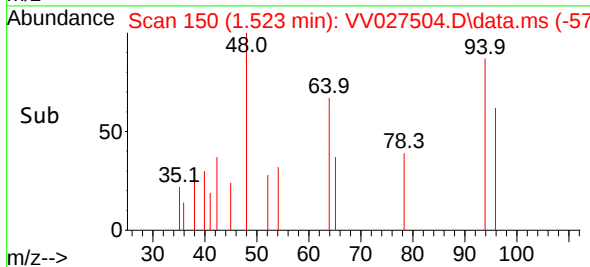
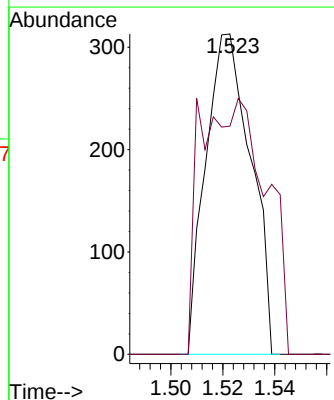
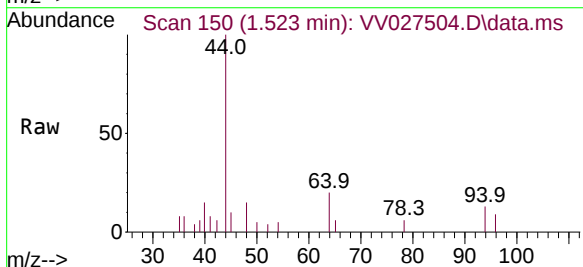
Instrument :
MSVOA_V
ClientSampleId :

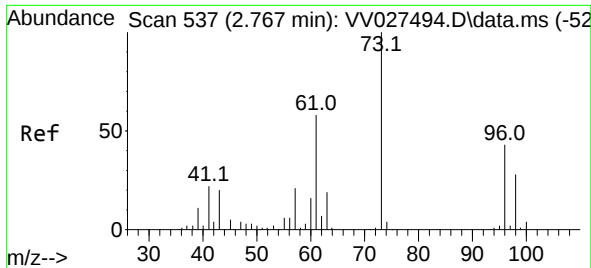
Tgt Ion: 50 Resp: 507
Ion Ratio Lower Upper
50 100
52 56.6 22.8 42.4#



#6
Bromomethane
Concen: 0.068 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV027504.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 71.2 65.2 121.0

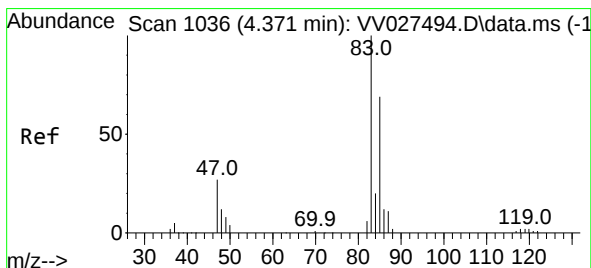
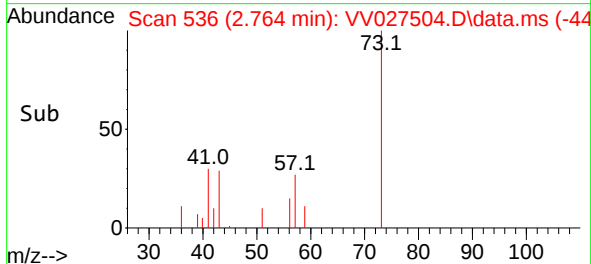
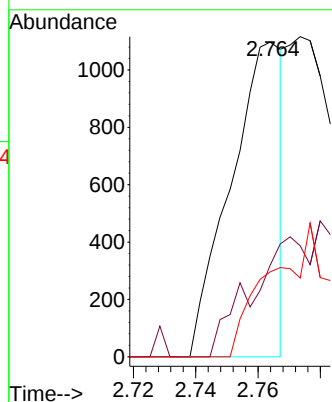
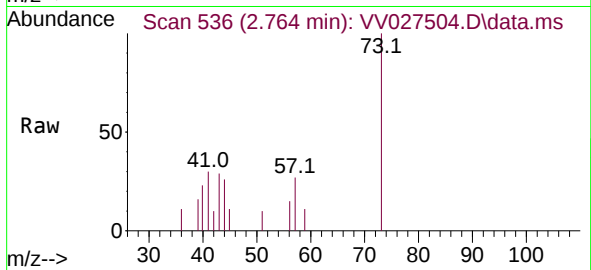




#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027504.D
Acq: 25 Aug 2022 19:03

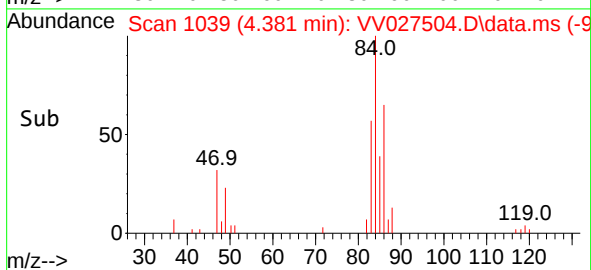
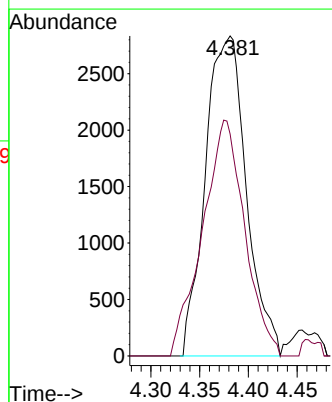
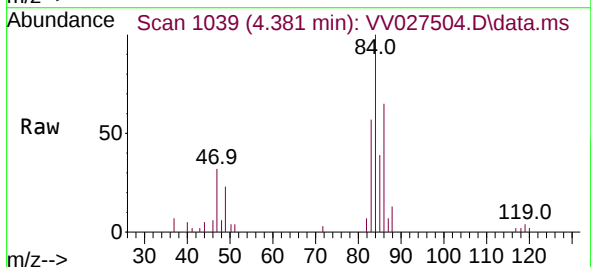
Instrument :
MSVOA_V
ClientSampleId :

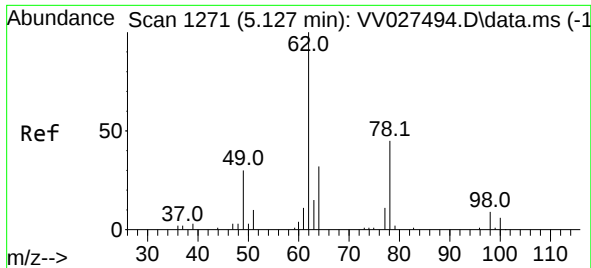
Tgt Ion: 73 Resp: 1255
Ion Ratio Lower Upper
73 100
43 42.7 15.6 23.4#
57 0.0 17.0 25.6#



#25
Chloroform
Concen: 0.394 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV027504.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 83 Resp: 8285
Ion Ratio Lower Upper
83 100
85 69.3 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_V

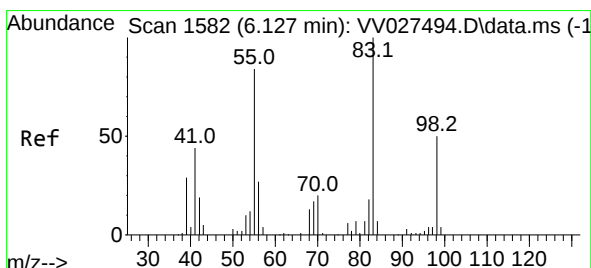
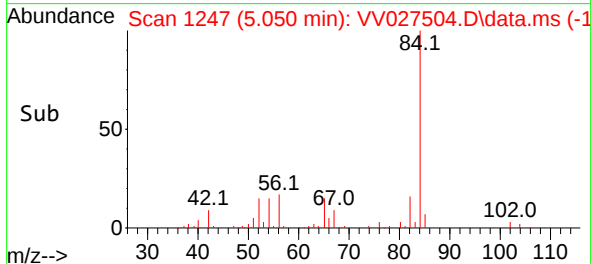
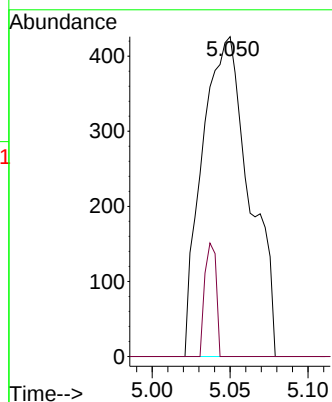
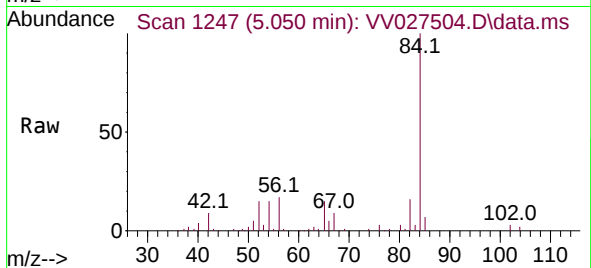
ClientSampleId :

Tgt Ion: 62 Resp: 897

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#35

Methylcyclohexane

Concen: 0.691 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

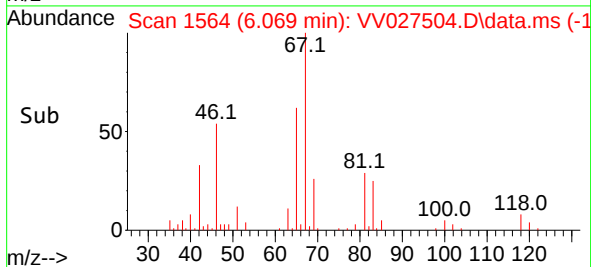
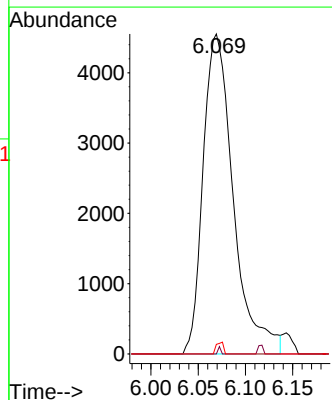
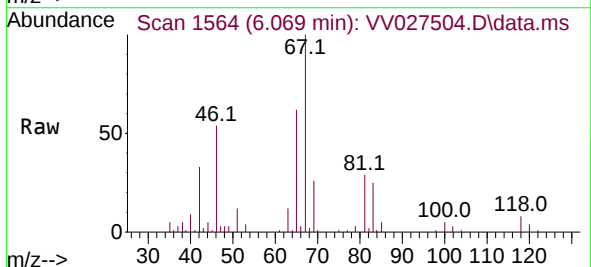
Tgt Ion: 83 Resp: 10122

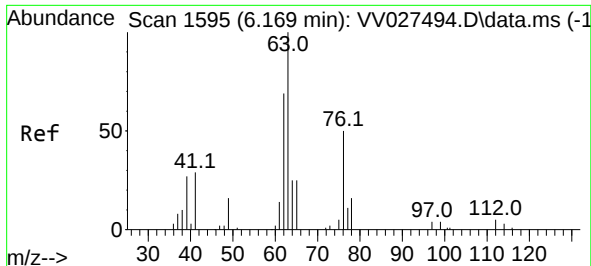
Ion Ratio Lower Upper

83 100

55 0.2 68.2 102.4#

98 0.9 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.485 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_V

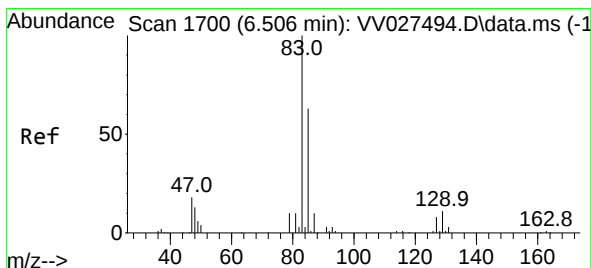
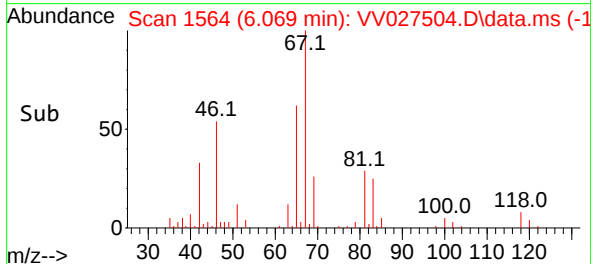
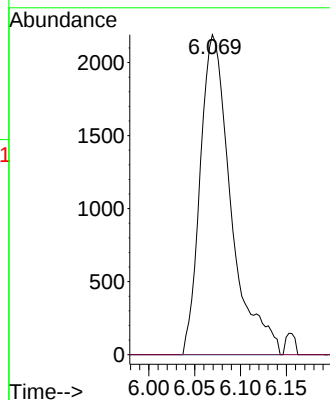
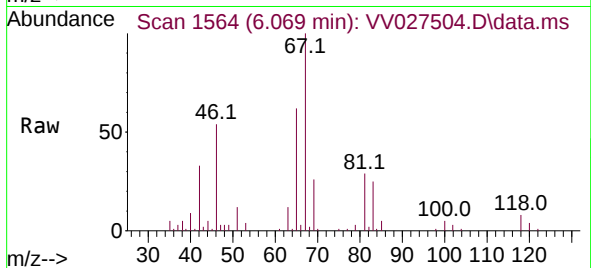
ClientSampleId :

Tgt Ion: 63 Resp: 5117

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.290 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

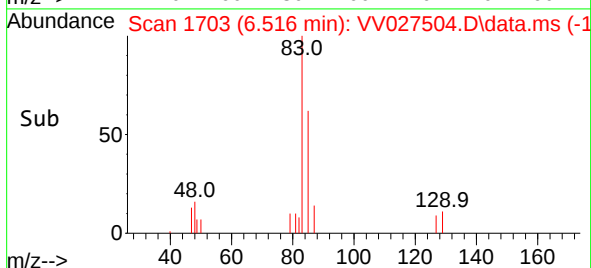
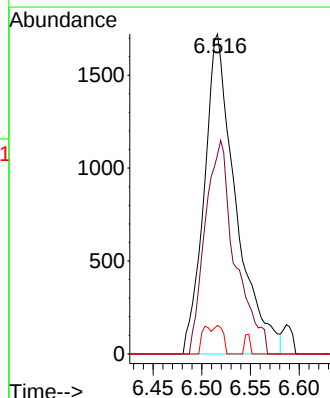
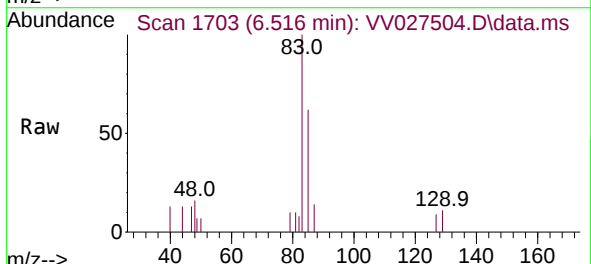
Tgt Ion: 83 Resp: 3879

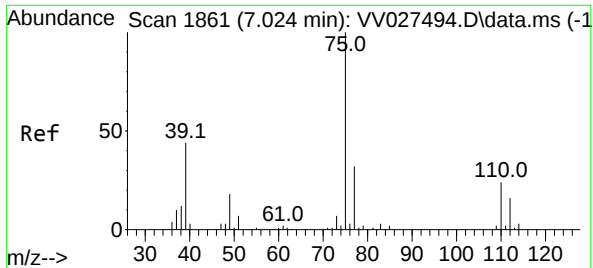
Ion Ratio Lower Upper

83 100

85 62.3 45.3 84.1

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_V

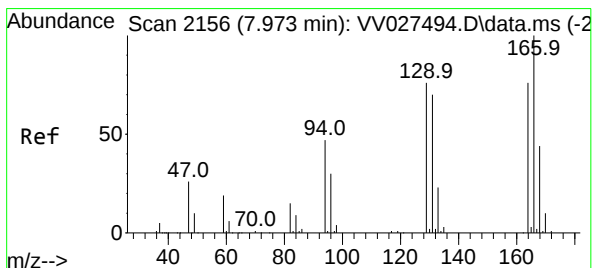
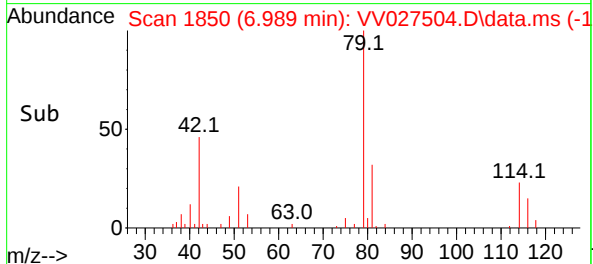
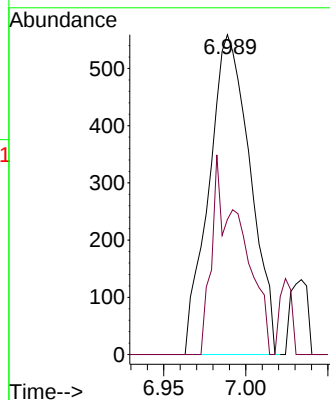
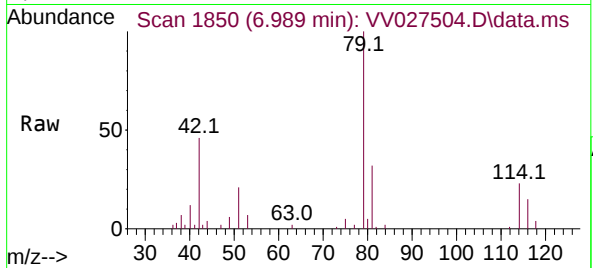
ClientSampleId :

Tgt Ion: 75 Resp: 977

Ion Ratio Lower Upper

75 100

77 42.2 22.9 42.5



#47

Tetrachloroethene

Concen: 0.119 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

Tgt Ion: 164 Resp: 965

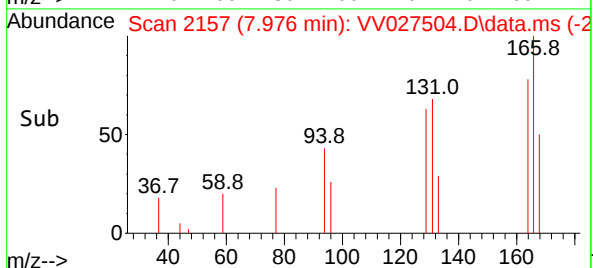
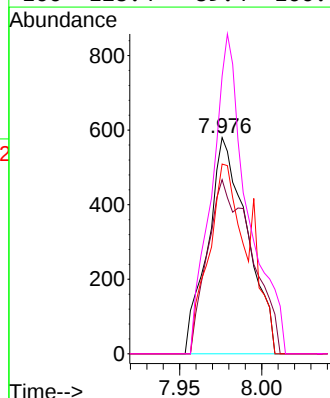
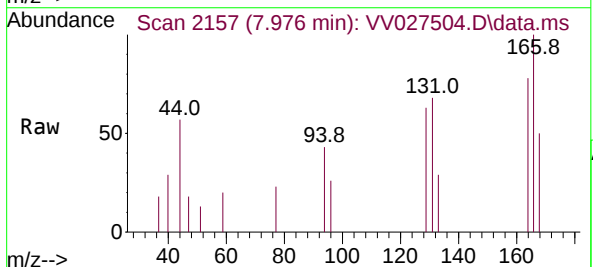
Ion Ratio Lower Upper

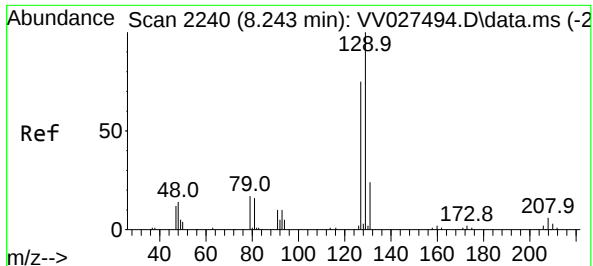
164 100

129 80.5 71.1 132.1

131 87.8 64.5 119.9

166 128.4 89.4 166.0





#49

Dibromochloromethane

Concen: 0.106 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_V

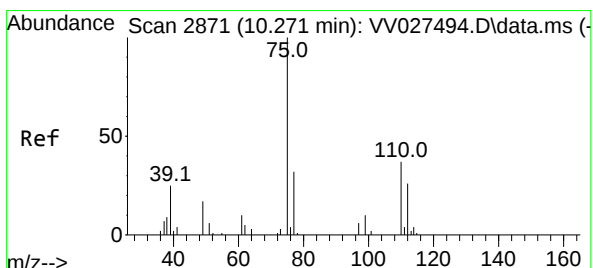
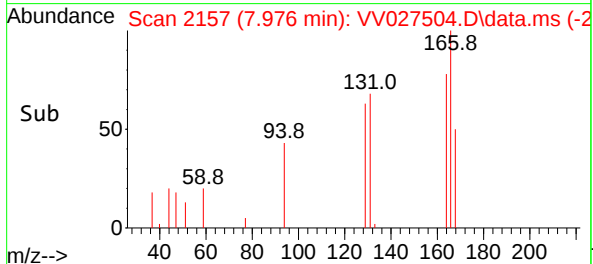
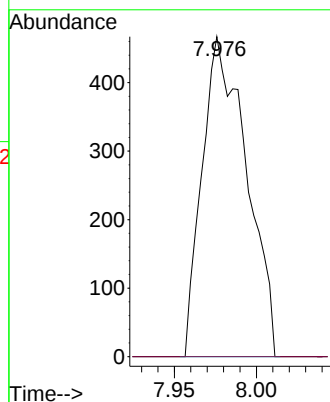
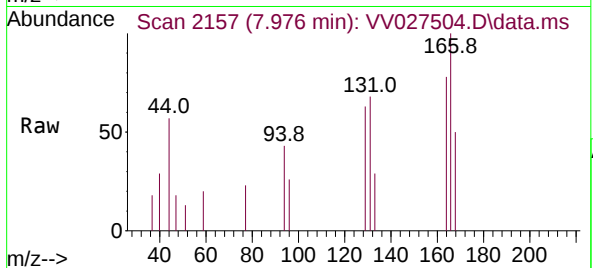
ClientSampleId :

Tgt Ion:129 Resp: 877

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.281 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027504.D

Acq: 25 Aug 2022 19:03

Tgt Ion: 75 Resp: 5773

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.2

110 1.7 29.9 44.9#

