

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022615.D
 Acq On : 06 Oct 2021 11:24
 Operator : SY/MD
 Sample : M4051-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:16:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

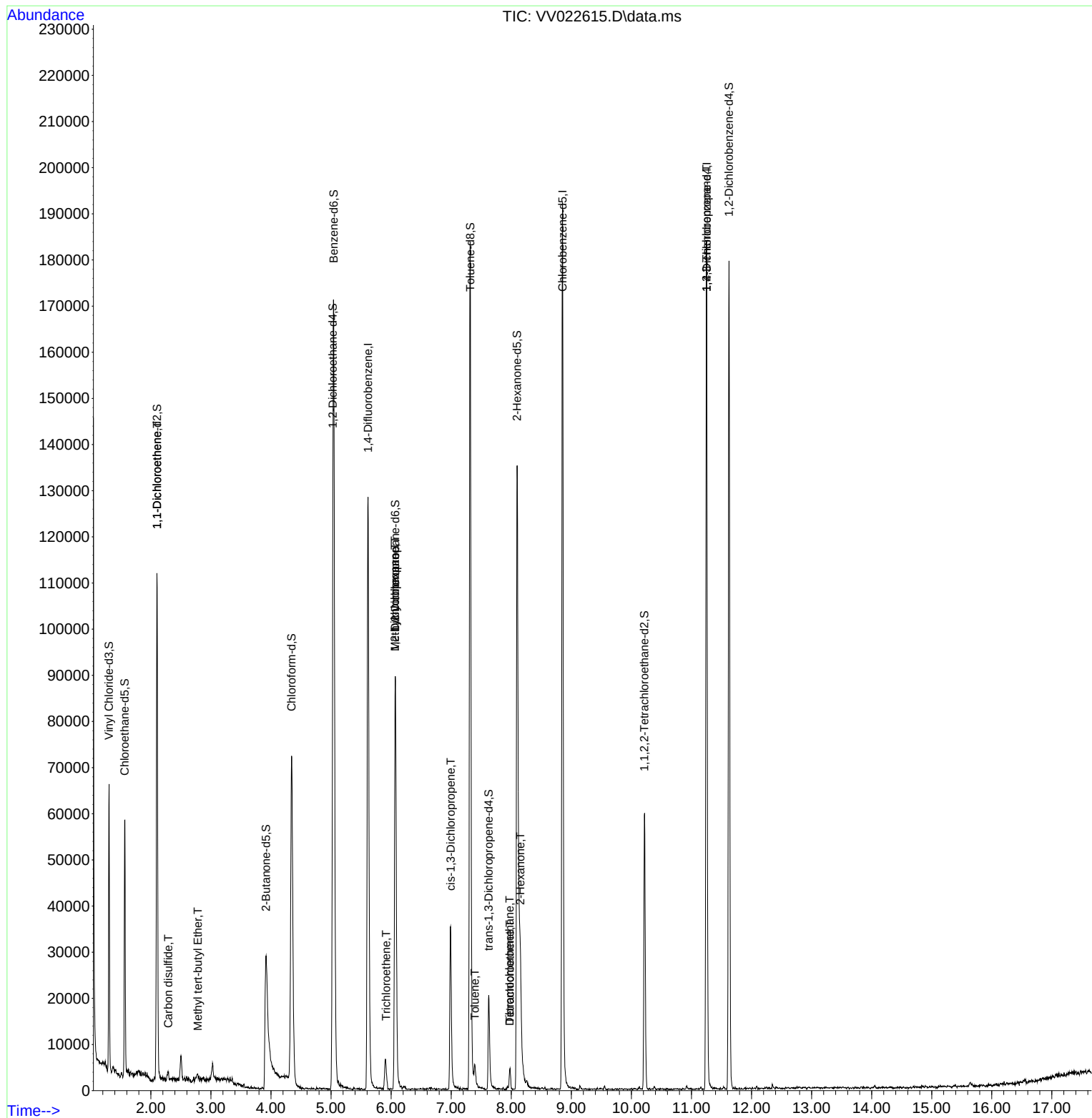
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	114455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38299	10.444	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	208.800%#
7) Chloroethane-d5	1.564	69	34597	6.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	140.000%#
11) 1,1-Dichloroethene-d2	2.101	63	55737	5.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.800%
20) 2-Butanone-d5	3.918	46	62974	29.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.100%
24) Chloroform-d	4.342	84	72994	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.030	65	35747	5.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.043	84	146804	5.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
36) 1,2-Dichloropropane-d6	6.069	67	44881	5.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.316	98	124693	5.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
43) trans-1,3-Dichloroprop...	7.625	79	12377	5.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.098	63	54791	37.250	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29820	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	46803	6.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.400%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.101	96	610	0.087	ug/L #	1
14) Carbon disulfide	2.288	76	1728	0.084	ug/L #	63
17) Methyl tert-butyl Ether	2.783	73	1146	0.064	ug/L #	80
34) Trichloroethene	5.915	95	456	0.052	ug/L	87
35) Methylcyclohexane	6.066	83	11290	0.911	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	4918	0.662	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	914	0.091	ug/L #	40
42) Toluene	7.394	91	3692	0.116	ug/L	94
47) Tetrachloroethene	7.979	164	1070	0.156	ug/L	94
48) 2-Hexanone	8.152	43	9431	3.206	ug/L #	45
49) Dibromochloromethane	7.972	129	986	0.151	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5181	1.391	ug/L #	64

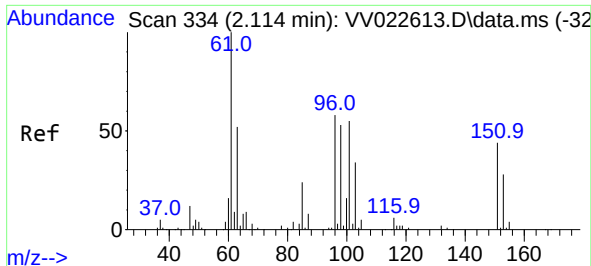
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

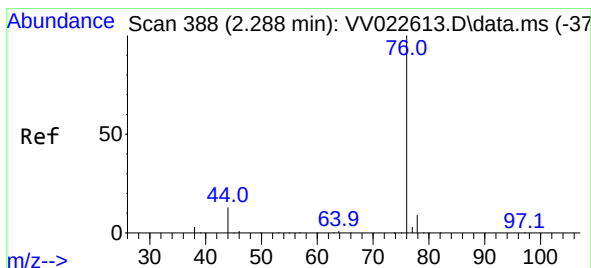
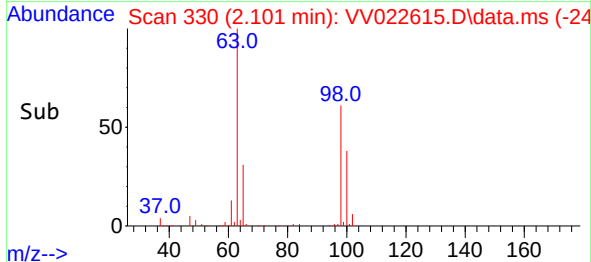
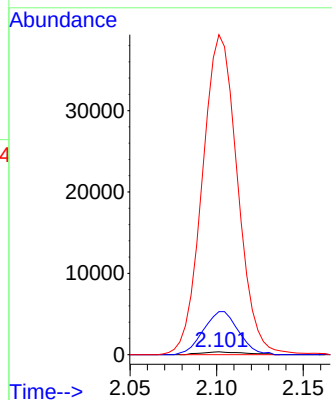
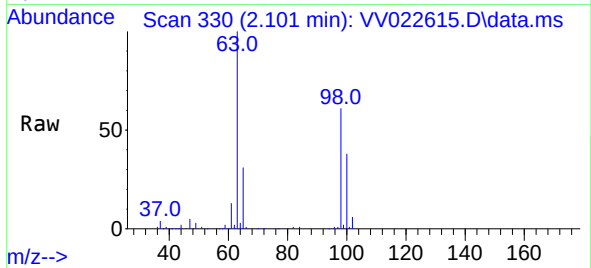




#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24

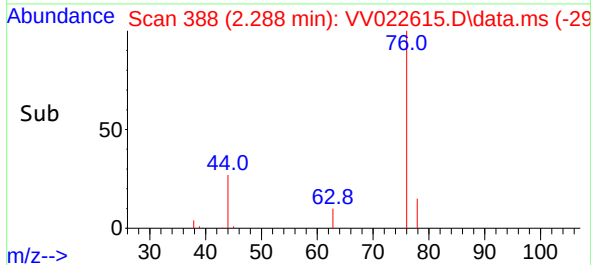
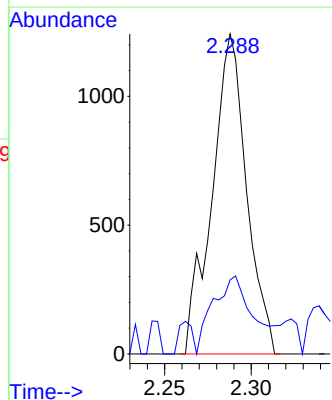
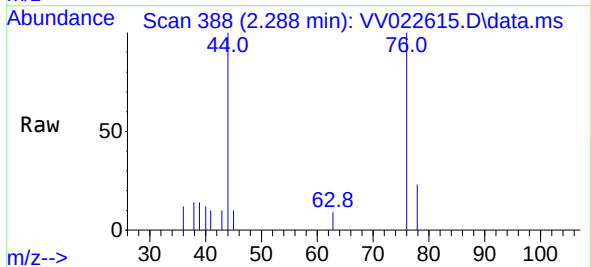
Instrument :
MSVOA_V
ClientSampleId :

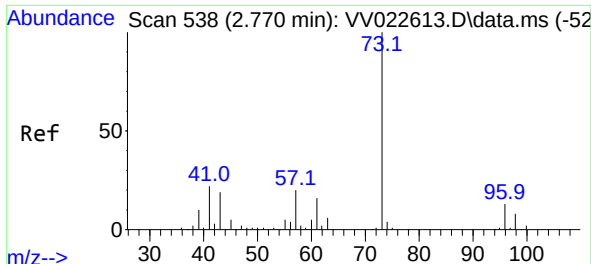
Tgt Ion: 96 Resp: 610
Ion Ratio Lower Upper
96 100
61 1516.9 113.2 210.2#
63 11271.1 66.6 123.8#



#14
Carbon disulfide
Concen: 0.084 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24

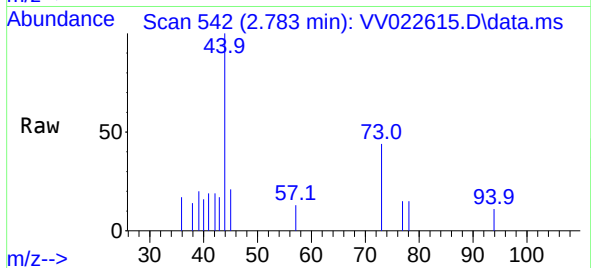
Tgt Ion: 76 Resp: 1728
Ion Ratio Lower Upper
76 100
78 23.2 7.8 11.6#



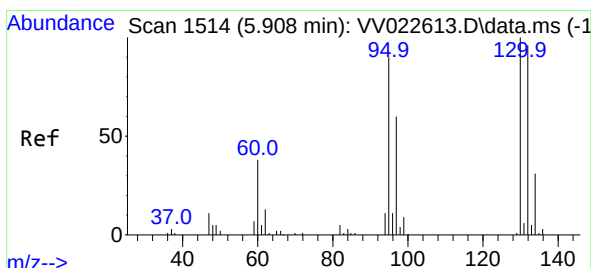
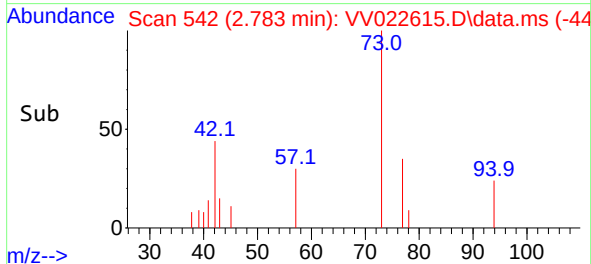
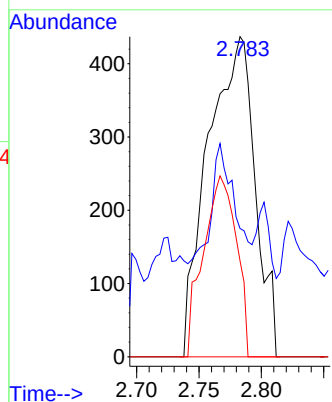


#17
Methyl tert-butyl Ether
Concen: 0.064 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.013 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24

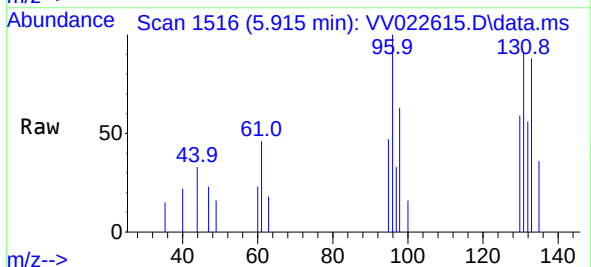
Instrument :
MSVOA_V
ClientSampleId :



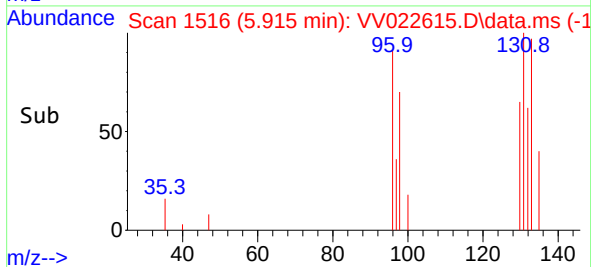
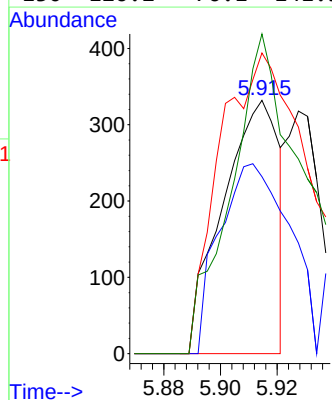
Tgt Ion: 73 Resp: 1146
Ion Ratio Lower Upper
73 100
43 20.1 16.3 24.5
57 39.8 17.5 26.3#

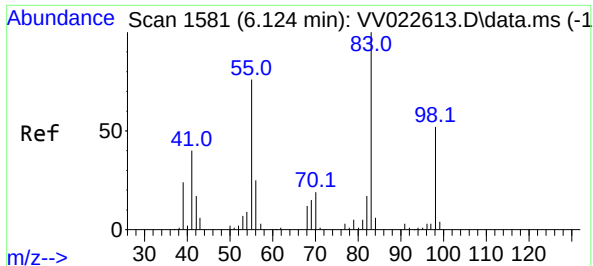


#34
Trichloroethene
Concen: 0.052 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24



Tgt Ion: 95 Resp: 456
Ion Ratio Lower Upper
95 100
97 69.9 46.5 86.5
132 118.7 73.0 135.6
130 126.2 76.1 141.3





#35

Methylcyclohexane

Concen: 0.911 ug/L

RT: 6.066 min Scan# 1563

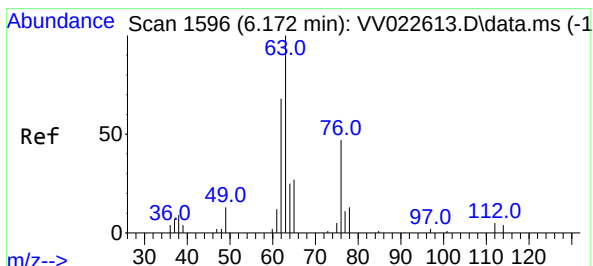
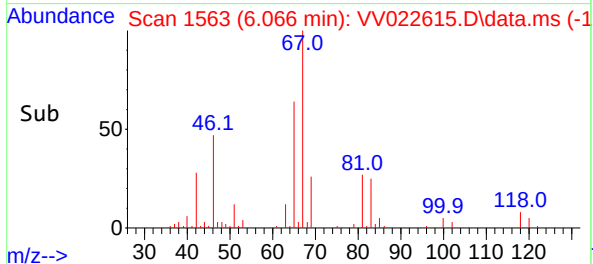
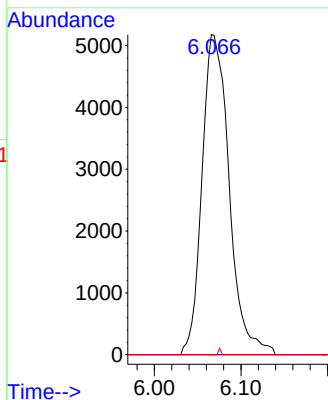
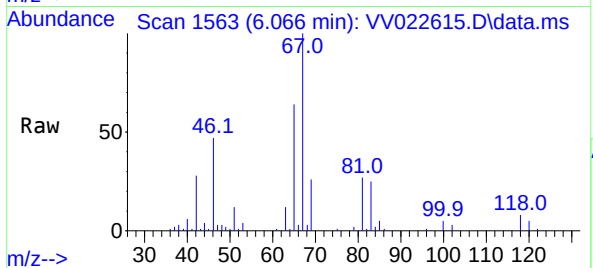
Delta R.T. -0.058 min

Lab File: VV022615.D

Acq: 06 Oct 2021 11:24

Tgt Ion:	83	Resp:	11290
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.7	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

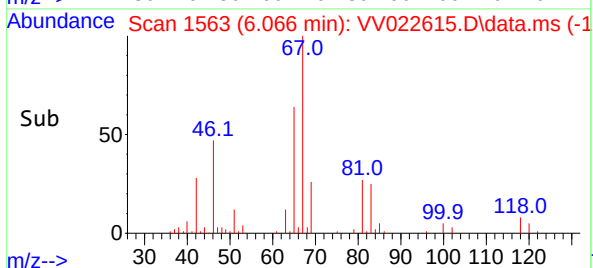
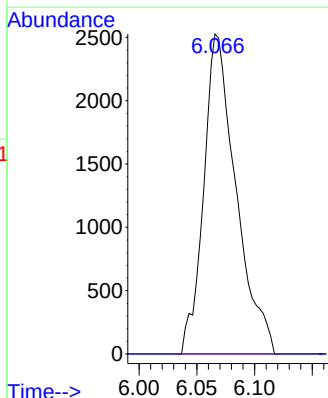
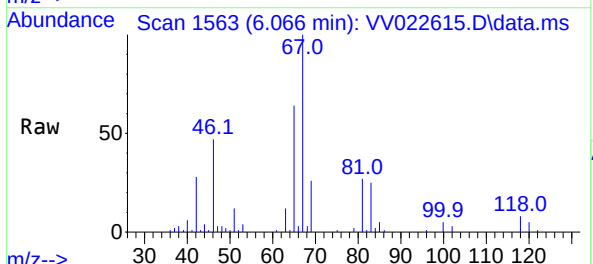
RT: 6.066 min Scan# 1563

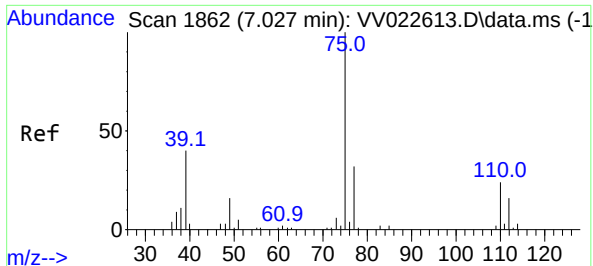
Delta R.T. -0.106 min

Lab File: VV022615.D

Acq: 06 Oct 2021 11:24

Tgt Ion:	63	Resp:	4918
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



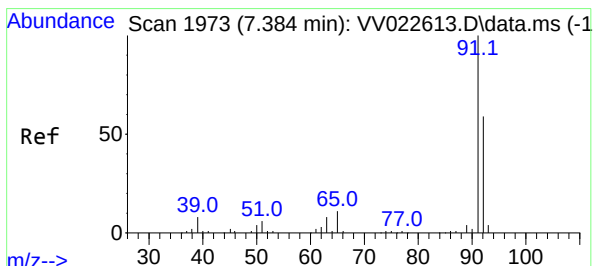
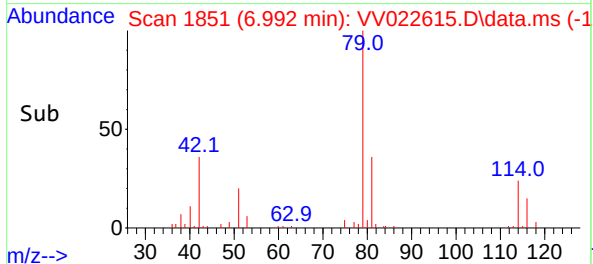
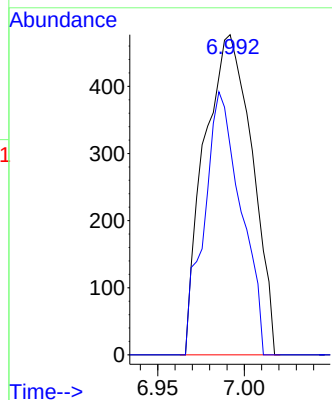
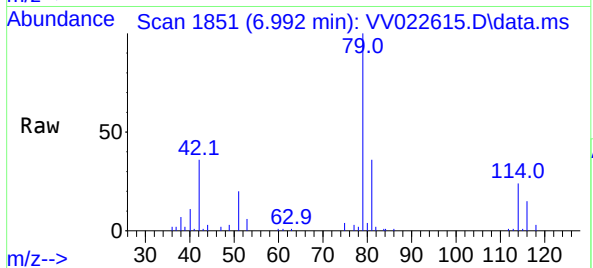


#39

cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.036 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24

Instrument :
MSVOA_V
ClientSampled :

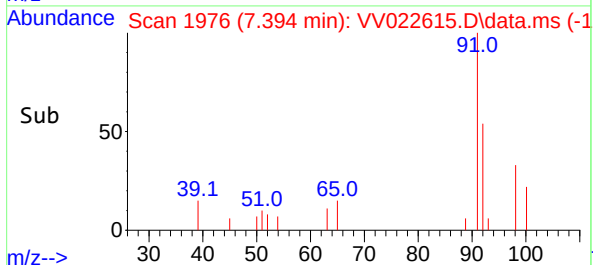
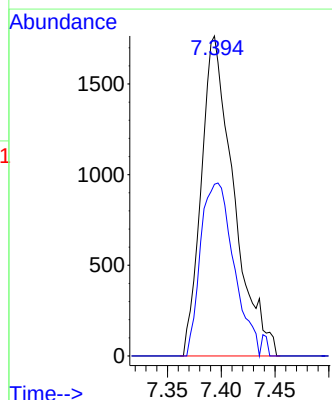
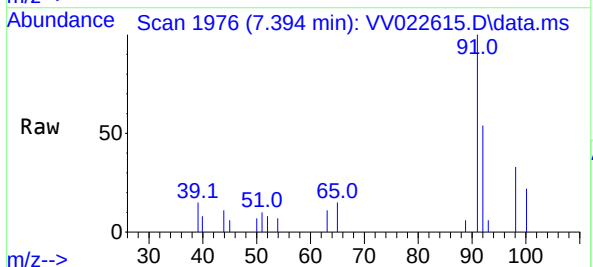
Tgt Ion: 75 Resp: 914
Ion Ratio Lower Upper
75 100
77 65.2 22.4 41.6#

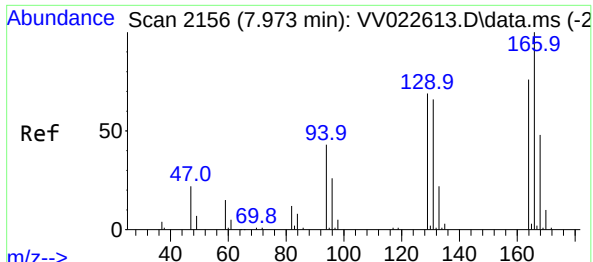


#42

Toluene
Concen: 0.116 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.009 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24

Tgt Ion: 91 Resp: 3692
Ion Ratio Lower Upper
91 100
92 53.7 40.5 75.3



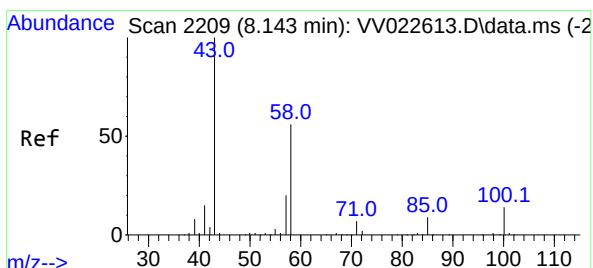
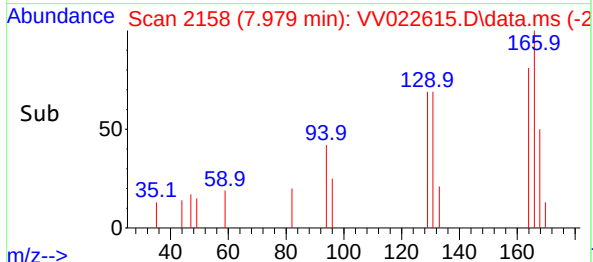
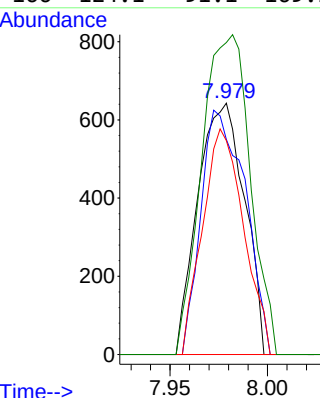
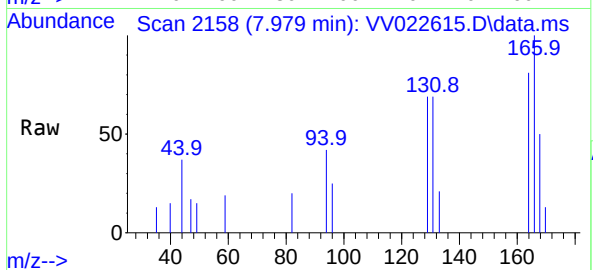


#47
Tetrachloroethene
Concen: 0.156 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1070

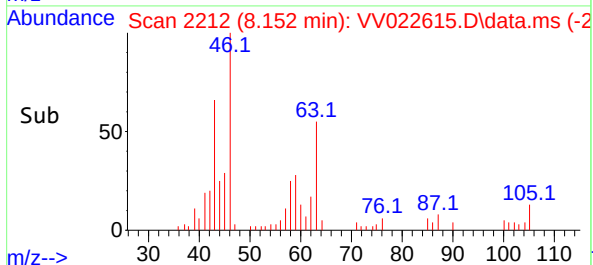
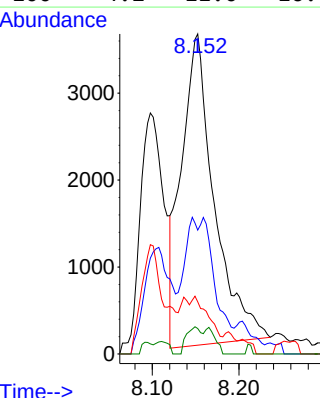
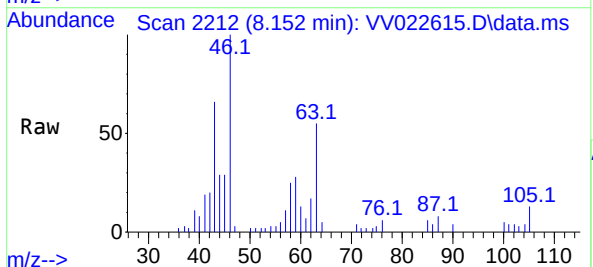
Ion	Ratio	Lower	Upper
164	100		
129	85.5	65.5	121.6
131	85.1	62.4	116.0
166	124.1	91.1	169.3

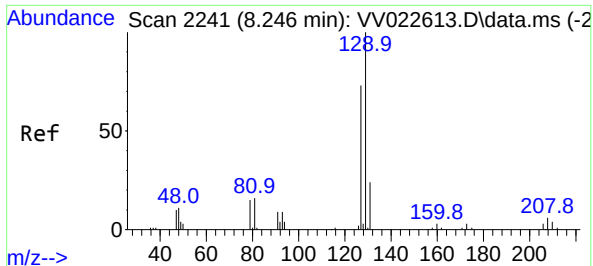


#48
2-Hexanone
Concen: 3.206 ug/L
RT: 8.152 min Scan# 2212
Delta R.T. 0.009 min
Lab File: VV022615.D
Acq: 06 Oct 2021 11:24

Tgt Ion: 43 Resp: 9431

Ion	Ratio	Lower	Upper
43	100		
58	8.6	46.4	69.6#
57	1.1	16.3	24.5#
100	4.2	11.0	16.6#





#49

Dibromochloromethane

Concen: 0.151 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV022615.D

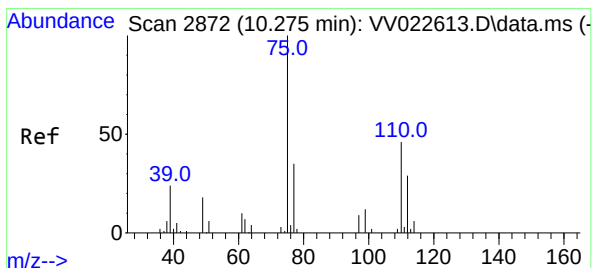
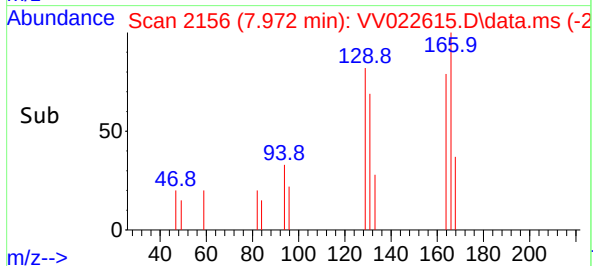
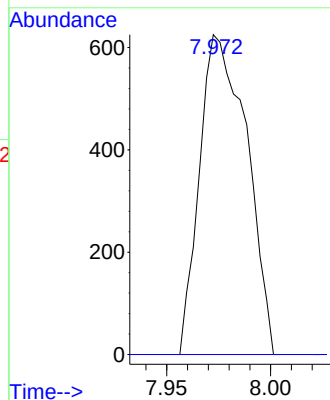
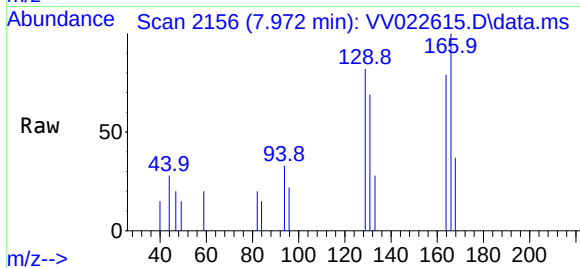
Acq: 06 Oct 2021 11:24

Tgt Ion: 129 Resp: 986

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.391 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022615.D

Acq: 06 Oct 2021 11:24

Tgt Ion: 75 Resp: 5181

Ion Ratio Lower Upper

75 100

77 34.1 26.1 39.1

110 2.2 33.0 49.6#

