

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027616.D
 Acq On : 31 Aug 2022 12:55
 Operator : SY/MD
 Sample : N4366-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:35:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:33:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	150740	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45275	4.220	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.568	69	39071	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.105	63	64777	2.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.800%#
20) 2-Butanone-d5	3.892	46	76217	57.086	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.180%
24) Chloroform-d	4.346	84	99179	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.030	65	46651	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.047	84	176672	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.069	67	57950	4.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.313	98	130152	3.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.625	79	16240	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.091	63	65521	50.103	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37473	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	42683	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	927	0.066	ug/L	88
5) Vinyl chloride	1.310	62	2197	0.156	ug/L #	25
6) Bromomethane	1.523	94	543	0.078	ug/L	74
13) Acetone	2.127	43	5586	4.381	ug/L	49
15) Methyl Acetate	2.494	43	37745	10.689	ug/L #	56
16) Methylene chloride	2.506	84	5774	0.336	ug/L	88
17) Methyl tert-butyl Ether	2.770	73	15115	0.641	ug/L #	17
18) trans-1,2-Dichloroethene	2.757	96	87976	7.487	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	61775	4.933	ug/L	97
30) Cyclohexane	4.670	56	1533	0.090	ug/L #	86
33) Benzene	5.098	78	3750	0.078	ug/L	100
34) Trichloroethene	5.915	95	20858	1.655	ug/L	97
35) Methylcyclohexane	6.069	83	15592	0.879	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	6725	0.527	ug/L #	85
45) 1,1,2-Trichloroethane	7.789	97	1164	0.143	ug/L #	22
47) Tetrachloroethene	7.982	164	775	0.079	ug/L	85
49) Dibromochloromethane	7.972	129	959	0.096	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	7391	1.444	ug/L #	68

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Quant Time: Sep 01 02:35:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 02:33:10 2022
Response via : Initial Calibration

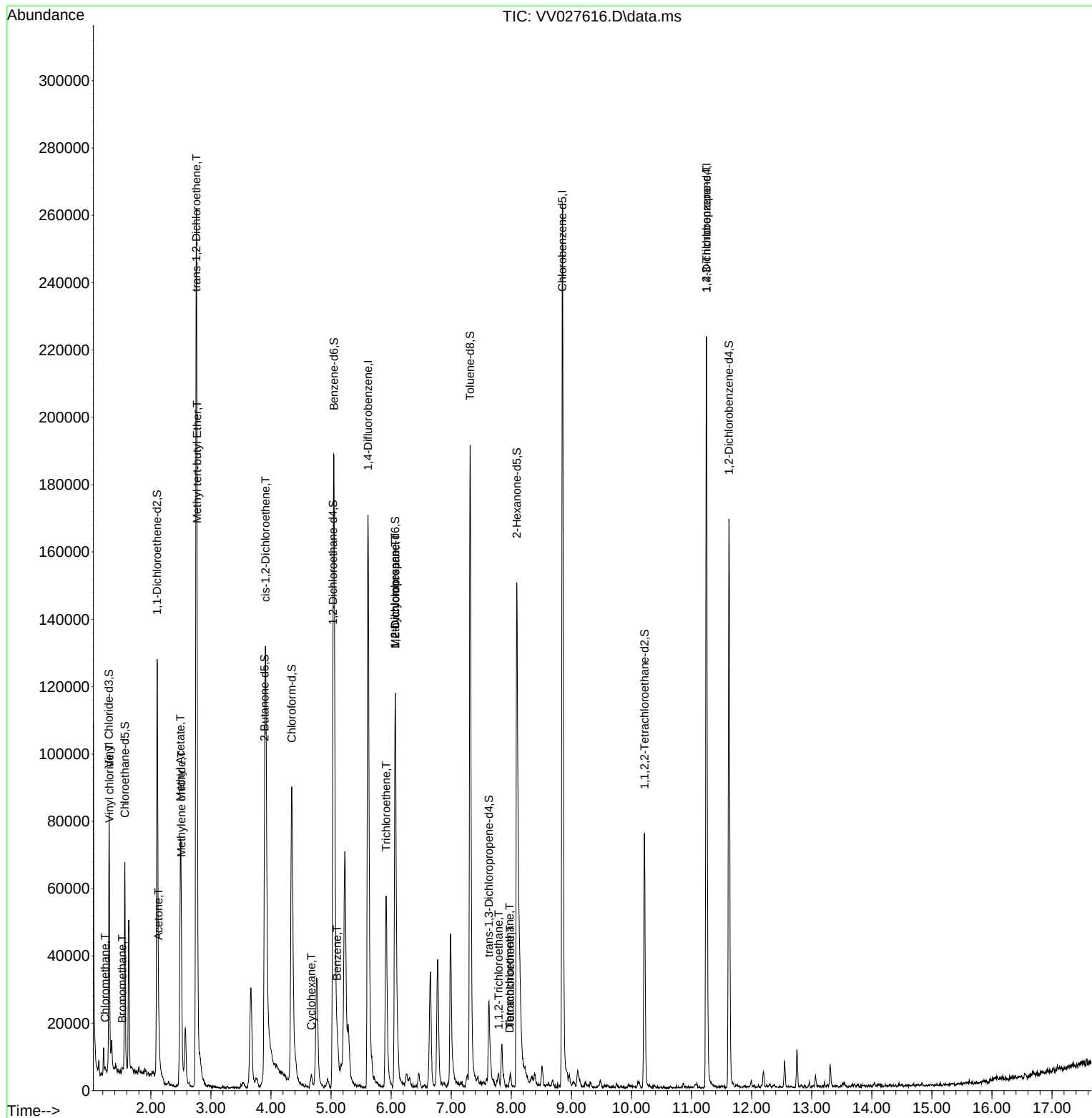
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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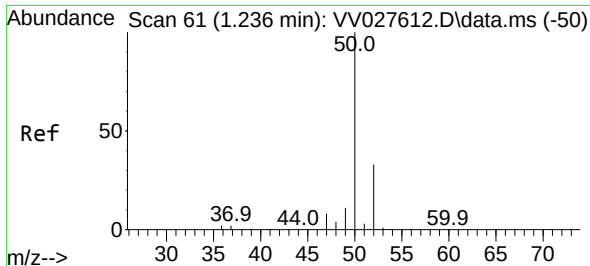
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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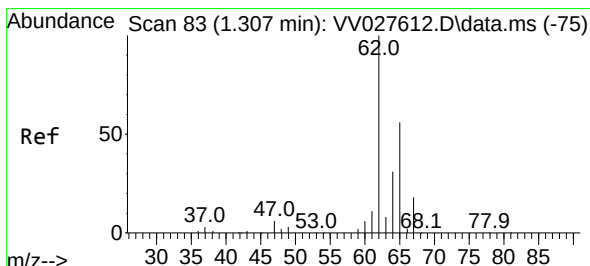
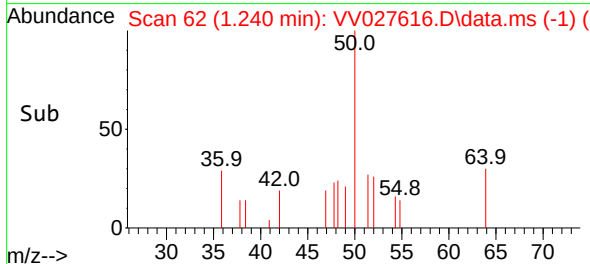
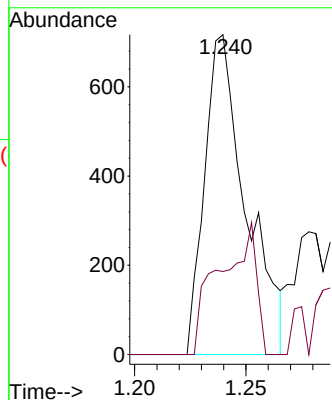
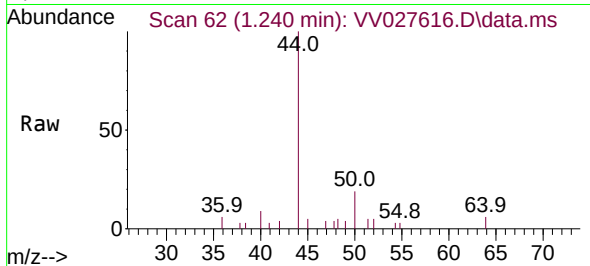




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

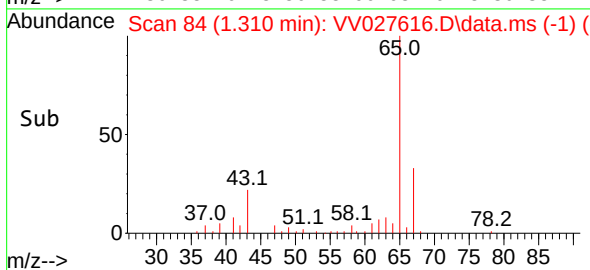
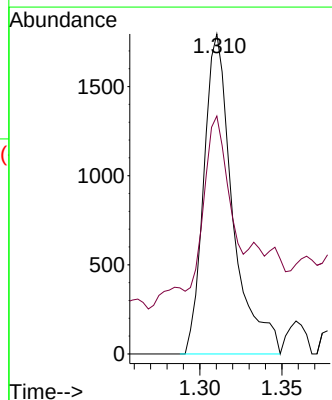
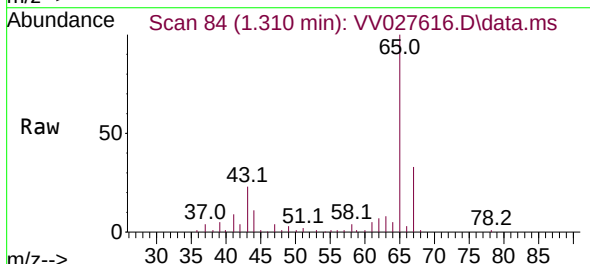
Instrument :
MSVOA_V
ClientSampleId :

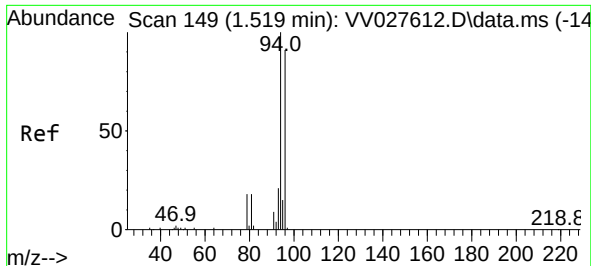
Tgt Ion: 50 Resp: 927
Ion Ratio Lower Upper
50 100
52 25.9 22.8 42.4



#5
Vinyl chloride
Concen: 0.156 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

Tgt Ion: 62 Resp: 2197
Ion Ratio Lower Upper
62 100
64 74.4 22.6 42.0#

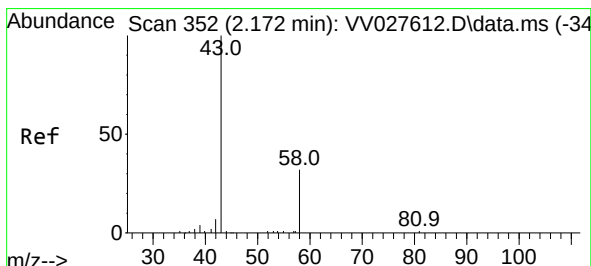
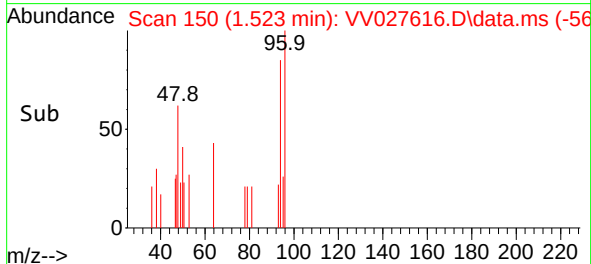
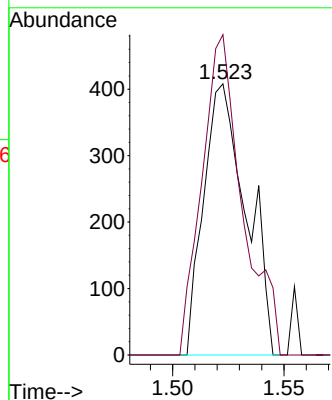
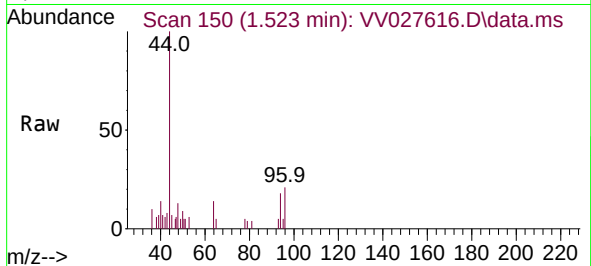




#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

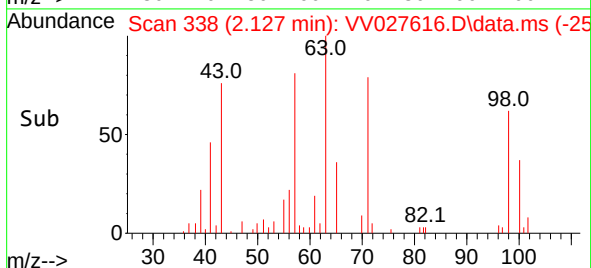
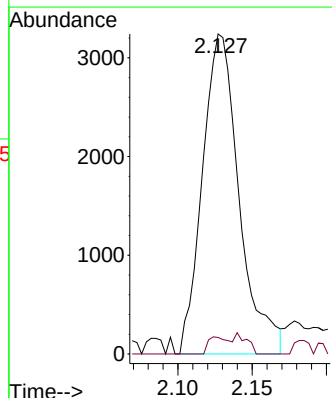
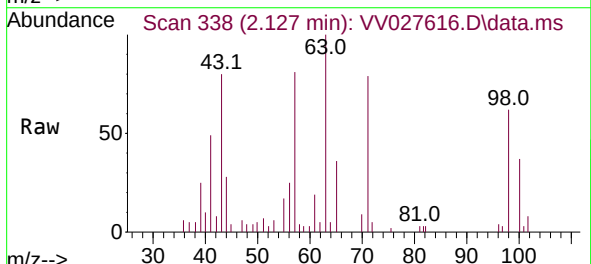
Instrument :
MSVOA_V
ClientSampleId :

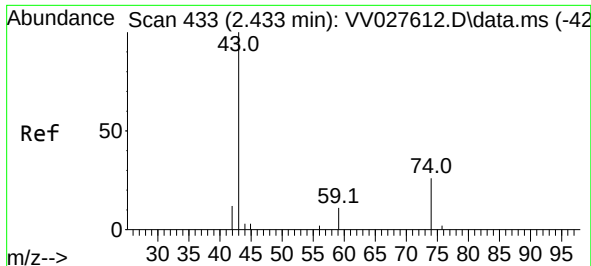
Tgt Ion: 94 Resp: 543
Ion Ratio Lower Upper
94 100
96 118.1 65.2 121.0



#13
Acetone
Concen: 4.381 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.045 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

Tgt Ion: 43 Resp: 5586
Ion Ratio Lower Upper
43 100
58 3.1 0.0 62.2

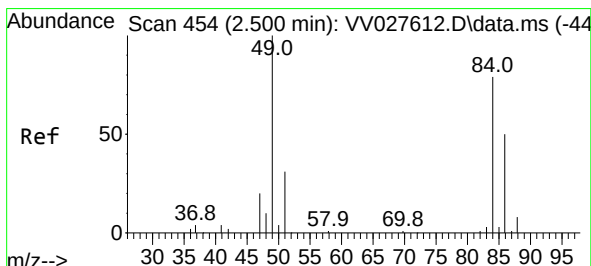
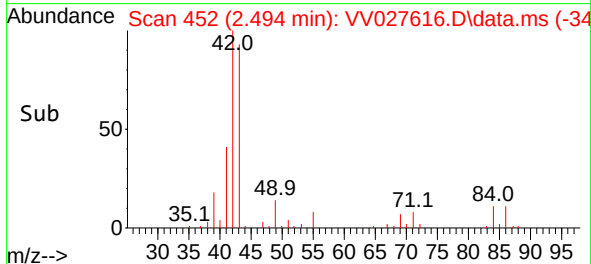
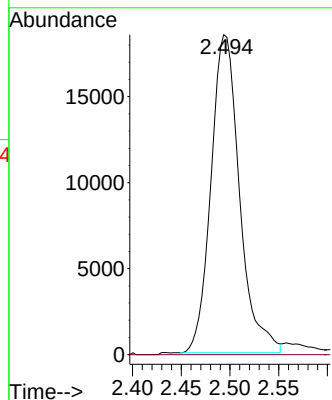
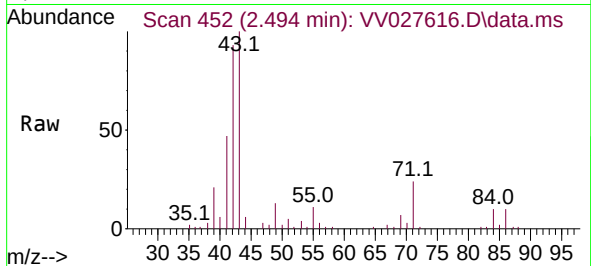




#15
Methyl Acetate
Concen: 10.689 ug/L
RT: 2.494 min Scan# 41
Delta R.T. 0.061 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

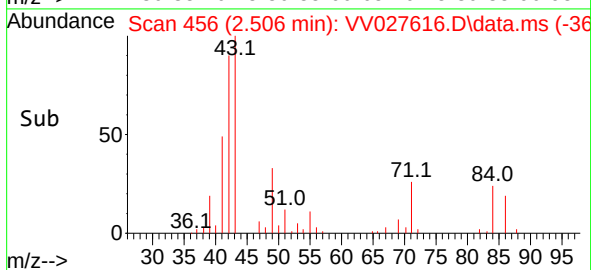
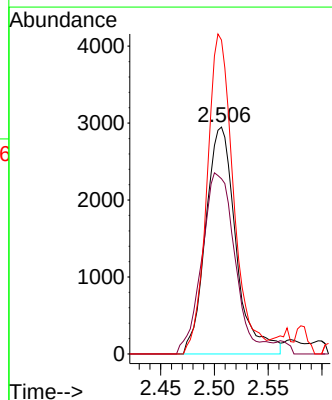
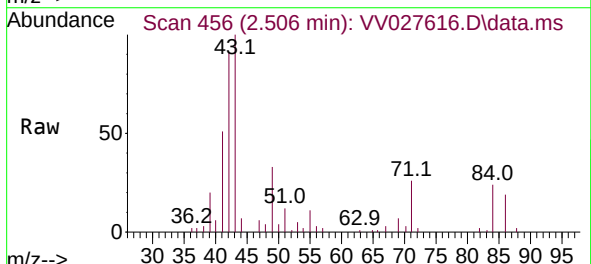
Instrument :
MSVOA_V
ClientSampleId :

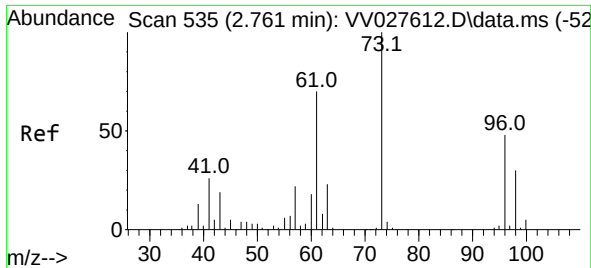
Tgt Ion: 43 Resp: 37745
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#16
Methylene chloride
Concen: 0.336 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.006 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

Tgt Ion: 84 Resp: 5774
Ion Ratio Lower Upper
84 100
86 77.2 44.0 81.6
49 138.4 89.4 166.0

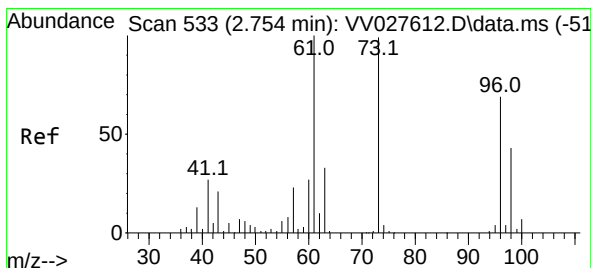
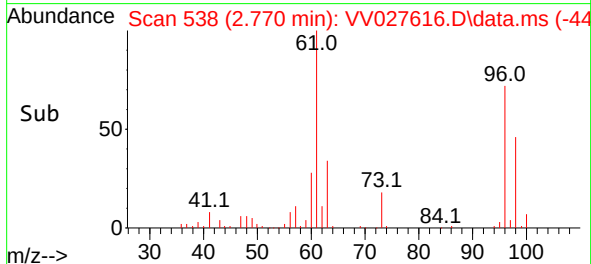
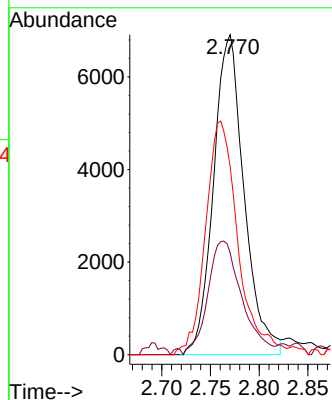
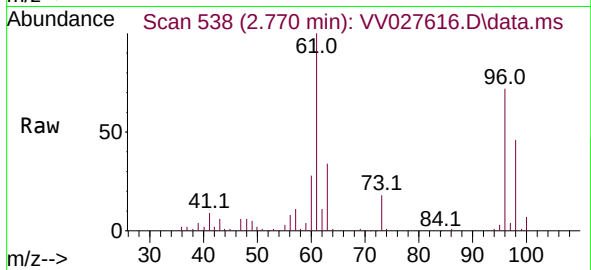




#17
Methyl tert-butyl Ether
Concen: 0.641 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

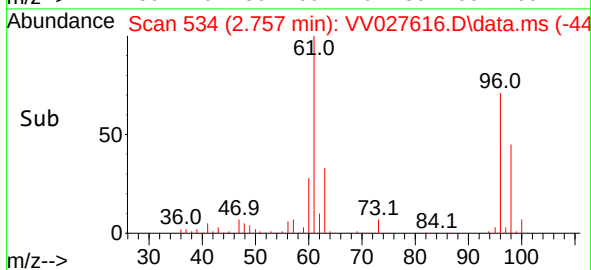
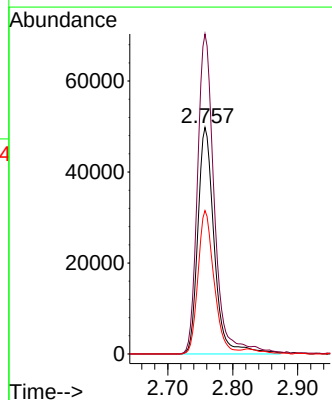
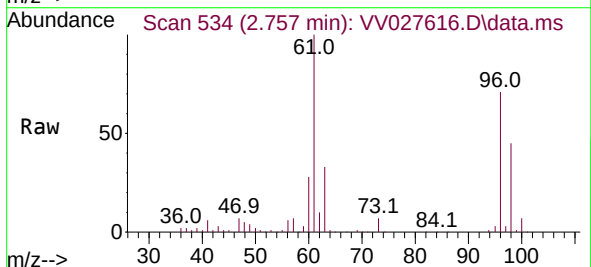
Instrument :
MSVOA_V
ClientSampleId :

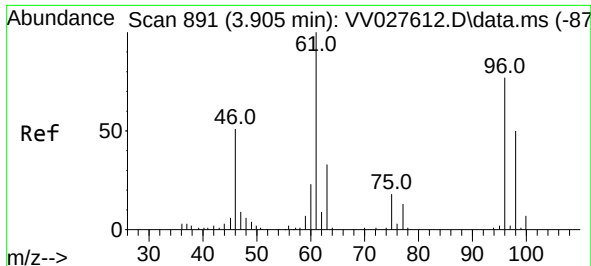
Tgt Ion: 73 Resp: 15115
Ion Ratio Lower Upper
73 100
43 39.4 15.6 23.4#
57 76.9 17.0 25.6#



#18
trans-1,2-Dichloroethene
Concen: 7.487 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

Tgt Ion: 96 Resp: 87976
Ion Ratio Lower Upper
96 100
61 141.2 97.6 181.4
98 63.3 45.9 85.3





#22

cis-1,2-Dichloroethene

Concen: 4.933 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027616.D

Acq: 31 Aug 2022 12:55

Instrument :

MSVOA_V

ClientSampleId :

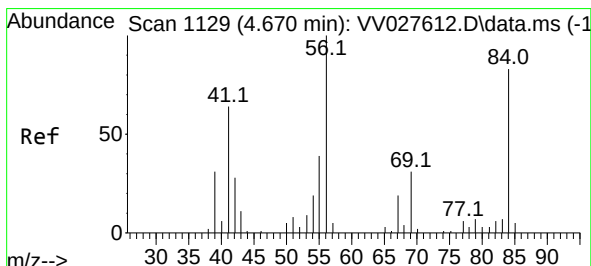
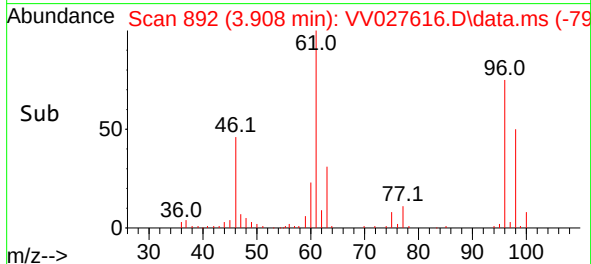
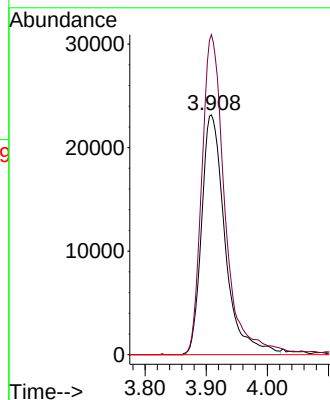
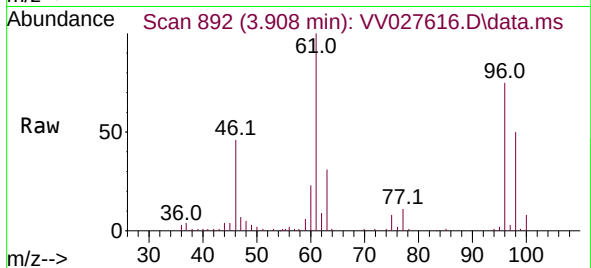
Tgt Ion: 96 Resp: 61775

Ion Ratio Lower Upper

96 100

61 133.4 90.6 168.2

68 0.0 0.0 0.0



#30

Cyclohexane

Concen: 0.090 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027616.D

Acq: 31 Aug 2022 12:55

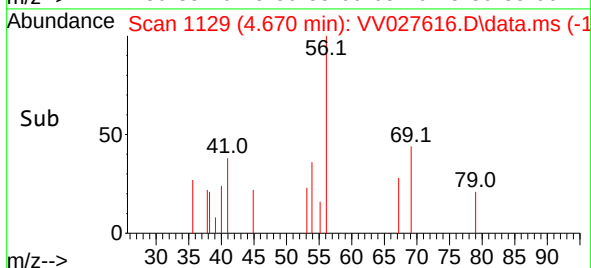
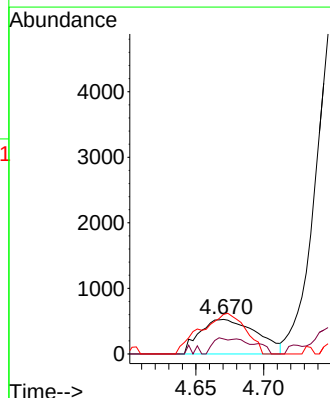
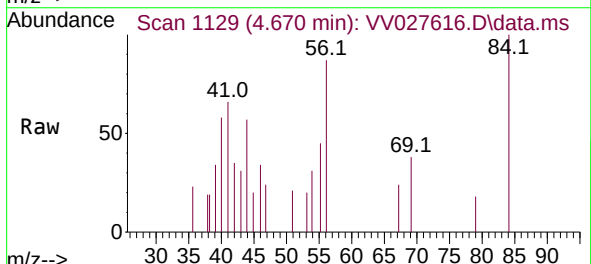
Tgt Ion: 56 Resp: 1533

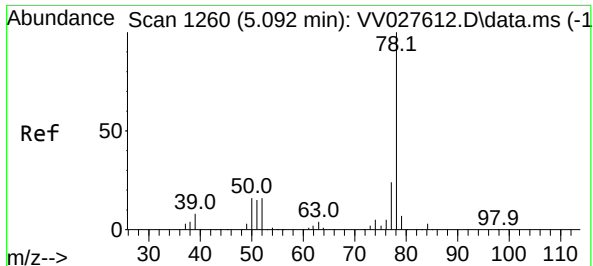
Ion Ratio Lower Upper

56 100

69 12.7 25.4 38.0#

84 92.6 69.7 104.5

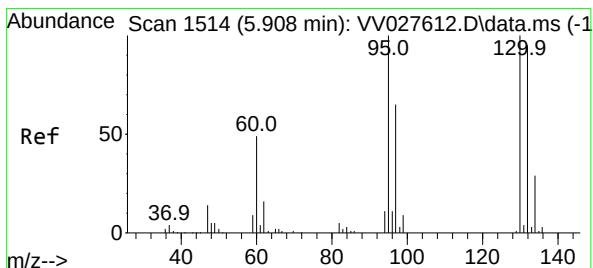
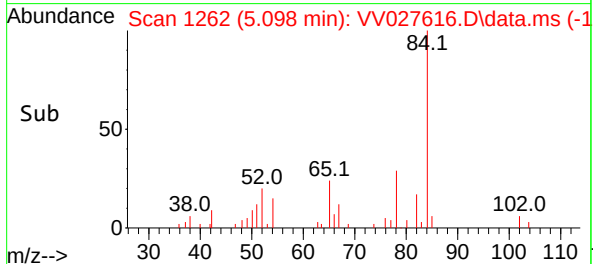
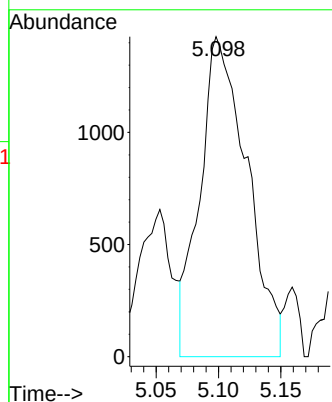
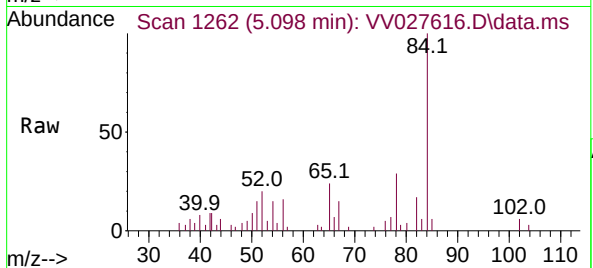




#33
Benzene
Concen: 0.078 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027616.D
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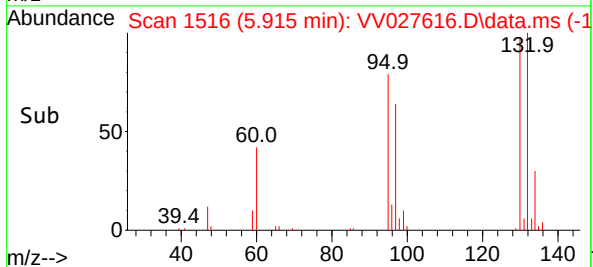
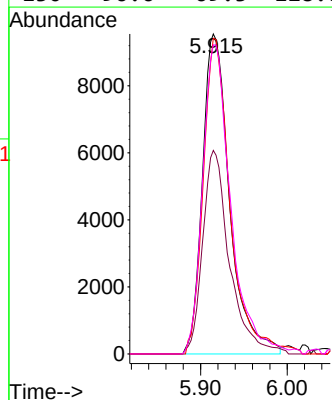
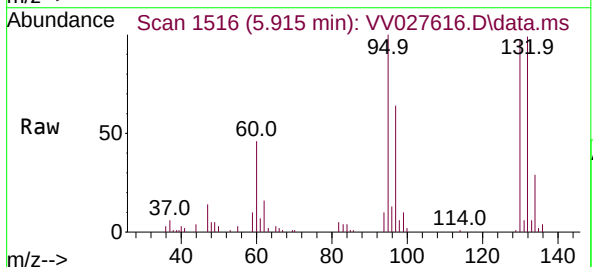
Tgt Ion: 78 Resp: 3750

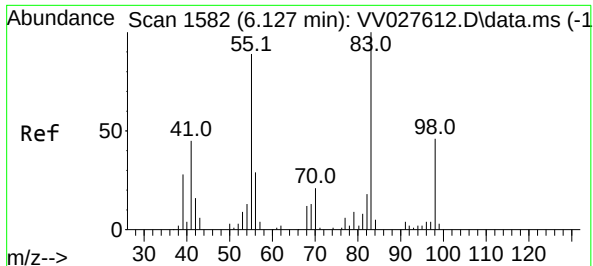


#34
Trichloroethene
Concen: 1.655 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

Tgt Ion: 95 Resp: 20858

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.0	83.6
132	98.6	65.7	121.9
130	96.6	69.3	128.7

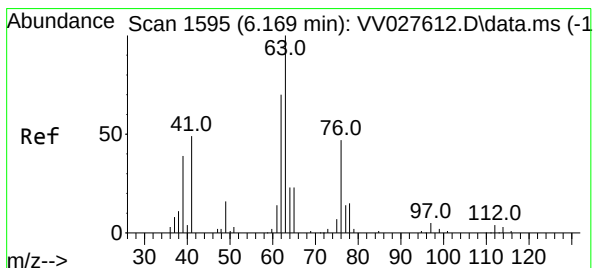
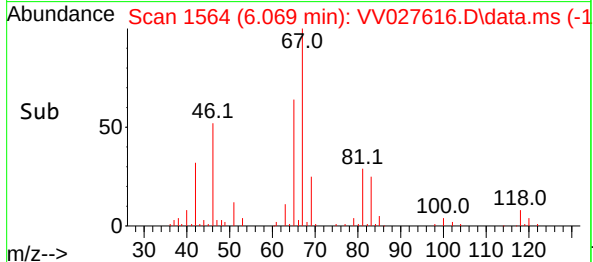
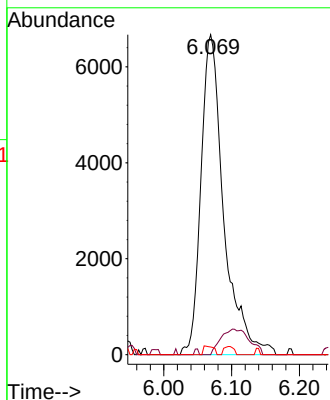
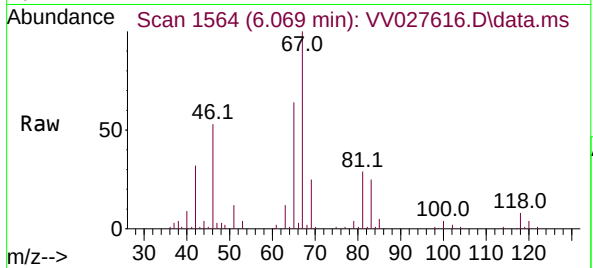




#35
Methylcyclohexane
Concen: 0.879 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

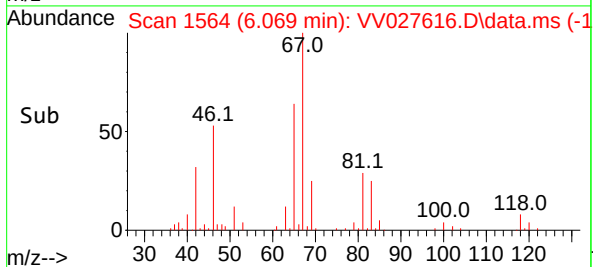
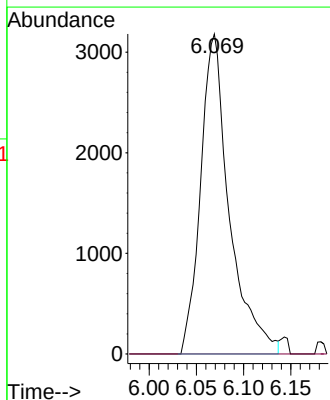
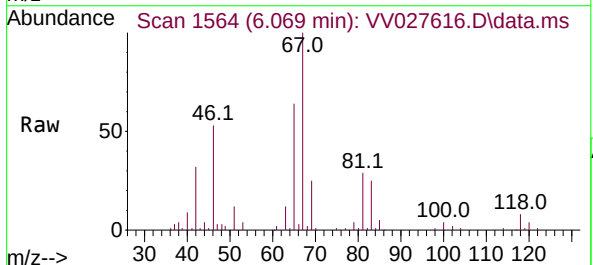
Instrument :
MSVOA_V
ClientSampleId :

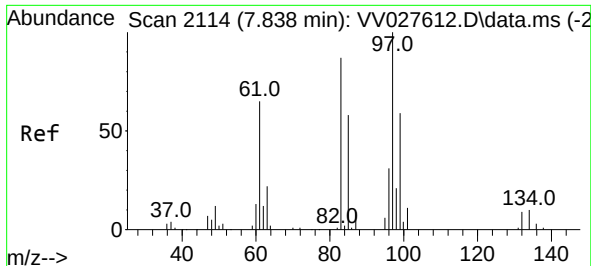
Tgt Ion: 83 Resp: 15592
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 1.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027616.D
Acq: 31 Aug 2022 12:55

Tgt Ion: 63 Resp: 6725
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#45

1,1,2-Trichloroethane

Concen: 0.143 ug/L

RT: 7.789 min Scan# 2099

Delta R.T. -0.048 min

Lab File: VV027616.D

Acq: 31 Aug 2022 12:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1164

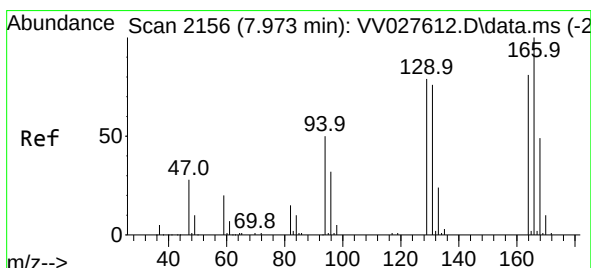
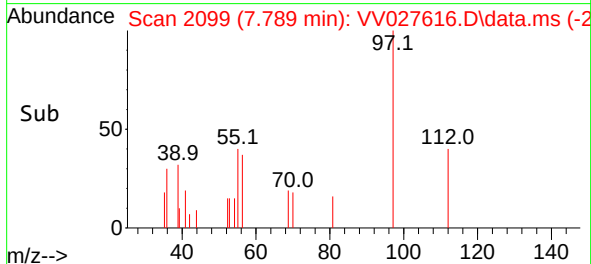
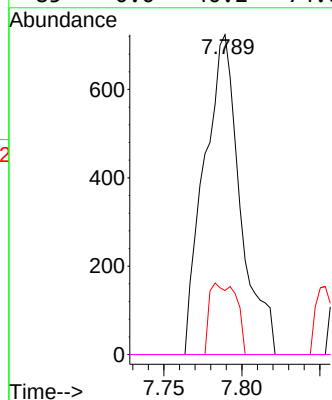
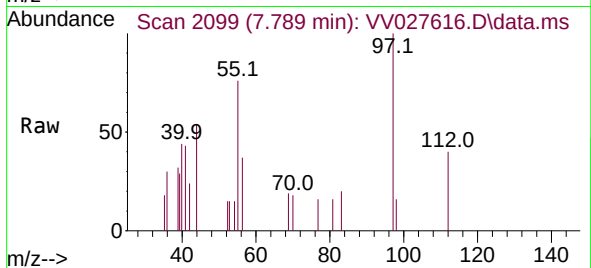
Ion Ratio Lower Upper

97 100

99 0.0 46.1 85.7#

83 20.0 63.0 117.0#

85 0.0 40.2 74.6#



#47

Tetrachloroethene

Concen: 0.079 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV027616.D

Acq: 31 Aug 2022 12:55

Tgt Ion: 164 Resp: 775

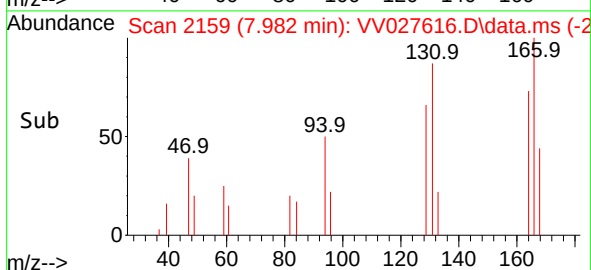
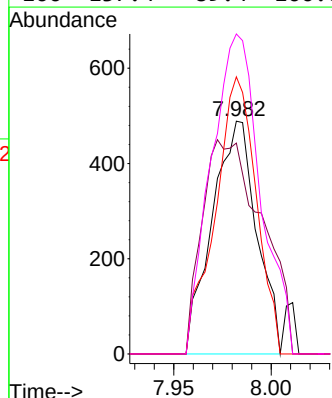
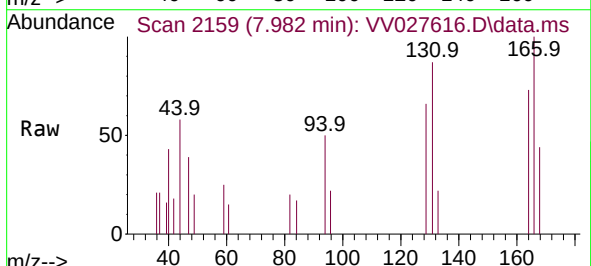
Ion Ratio Lower Upper

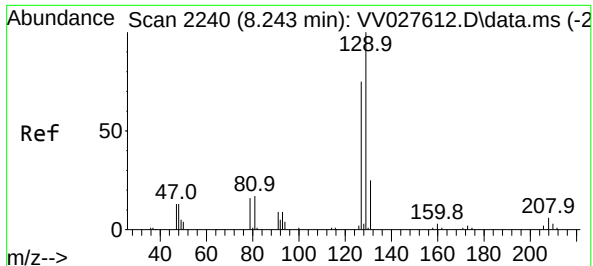
164 100

129 90.6 71.1 132.1

131 119.0 64.5 119.9

166 137.4 89.4 166.0





#49

Dibromochloromethane

Concen: 0.096 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027616.D

Acq: 31 Aug 2022 12:55

Instrument :

MSVOA_V

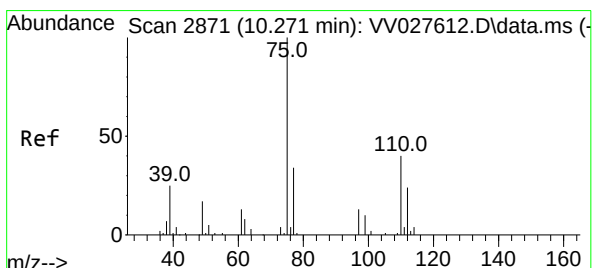
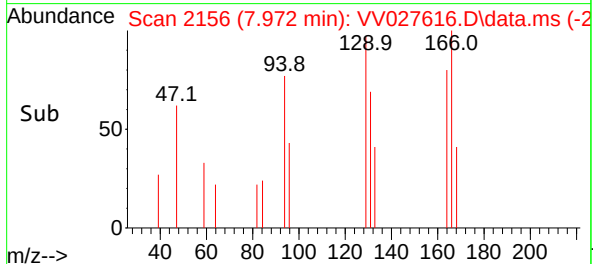
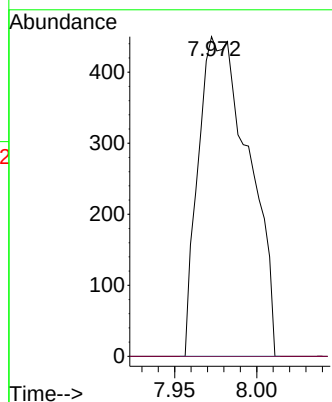
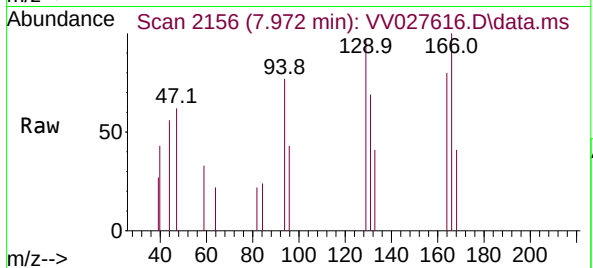
ClientSampleId :

Tgt Ion:129 Resp: 959

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.444 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027616.D

Acq: 31 Aug 2022 12:55

Tgt Ion: 75 Resp: 7391

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

110 2.5 29.9 44.9#

