

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027516.D
 Acq On : 26 Aug 2022 00:23
 Operator : SY/MD
 Sample : N4367-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 02:03:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

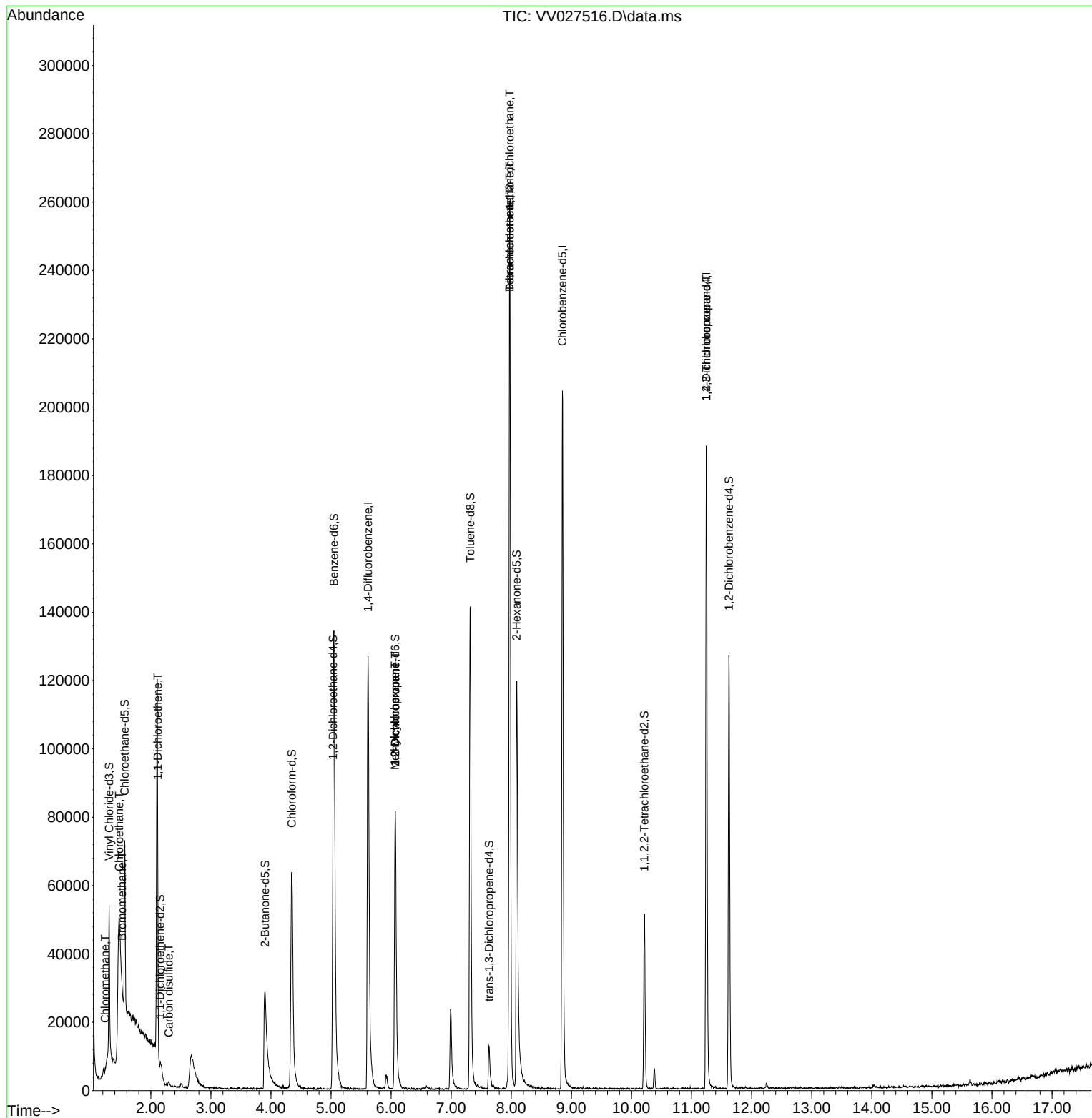
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	114117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	113827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	50342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33256	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.565	69	31250	5.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.153	63	3003	0.159	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.200%#
20) 2-Butanone-d5	3.899	46	59548	58.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	4.346	84	71639	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.031	65	32946	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.047	84	123928	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.069	67	38763	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.317	98	97503	3.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.629	79	8422	2.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.600%#
46) 2-Hexanone-d5	8.088	63	41817	40.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	24043	4.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	33060	4.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1003	0.095	ug/L	94
6) Bromomethane	1.520	94	705	0.134	ug/L	94
8) Chloroethane	1.471	64	112864	18.143	ug/L #	50
12) 1,1-Dichloroethene	2.114	96	782	0.091	ug/L #	1
14) Carbon disulfide	2.298	76	2074	0.088	ug/L #	75
35) Methylcyclohexane	6.066	83	9640	0.688	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	4845	0.480	ug/L #	85
45) 1,1,2-Trichloroethane	7.969	97	629	0.098	ug/L #	42
47) Tetrachloroethene	7.973	164	57594	7.423	ug/L	96
49) Dibromochloromethane	7.973	129	54678	6.893	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	5535	1.253	ug/L #	63

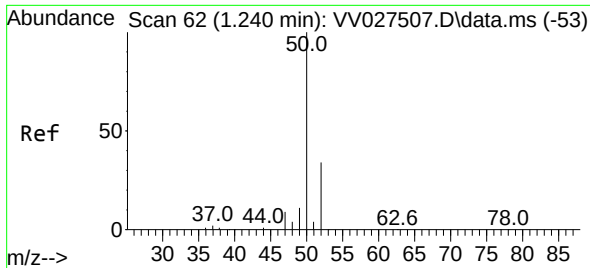
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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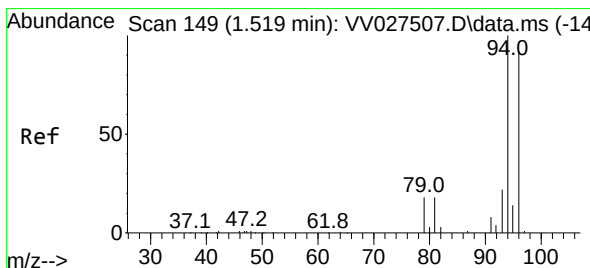
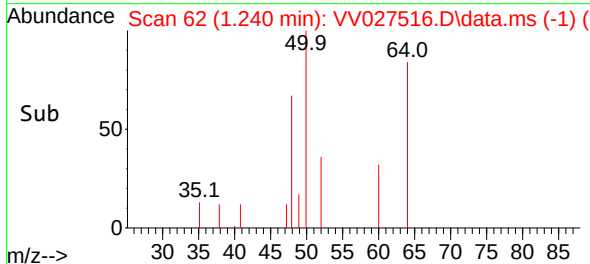
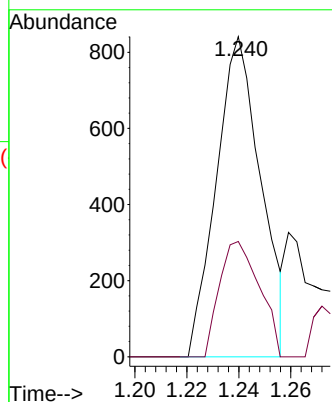
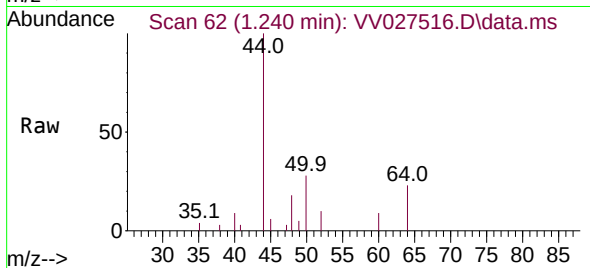




#3
Chloromethane
Concen: 0.095 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027516.D
Acq: 26 Aug 2022 00:23

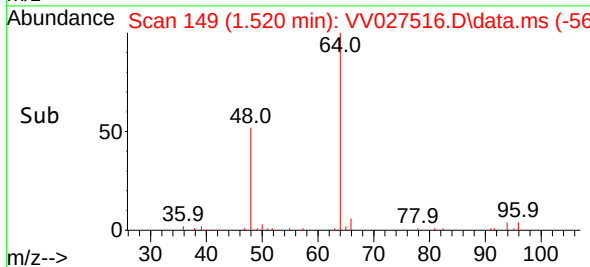
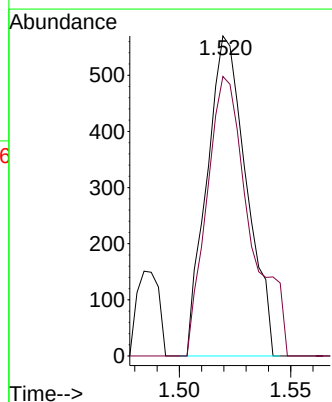
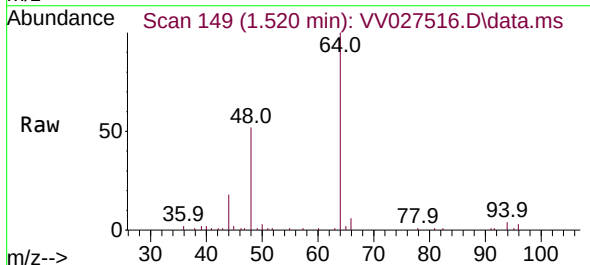
Instrument :
MSVOA_V
ClientSampleId :

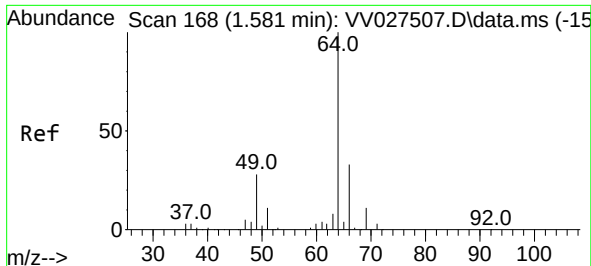
Tgt Ion: 50 Resp: 1003
Ion Ratio Lower Upper
50 100
52 36.0 22.8 42.4



#6
Bromomethane
Concen: 0.134 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027516.D
Acq: 26 Aug 2022 00:23

Tgt Ion: 94 Resp: 705
Ion Ratio Lower Upper
94 100
96 87.4 65.2 121.0

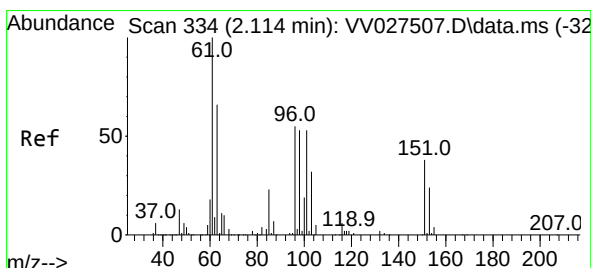
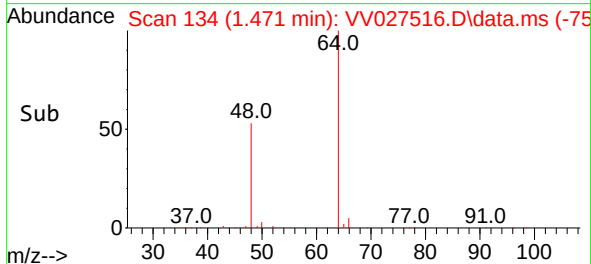
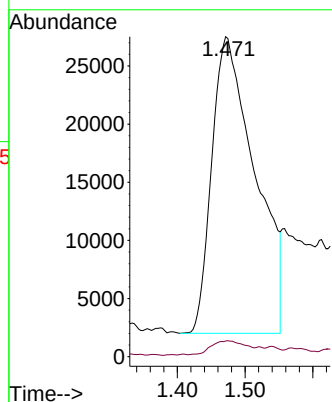
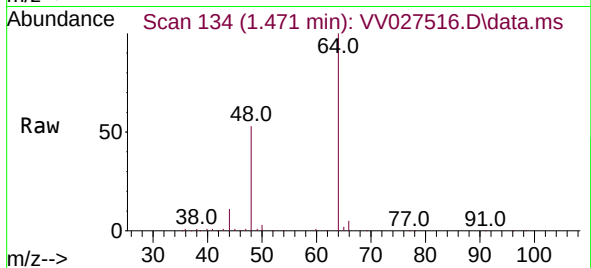




#8
Chloroethane
Concen: 18.143 ug/L
RT: 1.471 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV027516.D
Acq: 26 Aug 2022 00:23

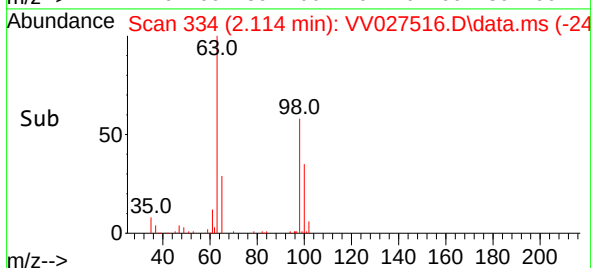
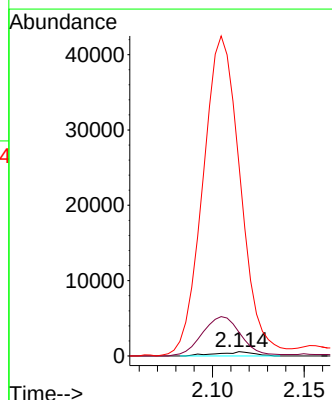
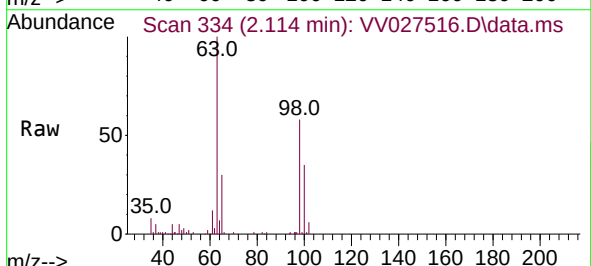
Instrument :
MSVOA_V
ClientSampleId :

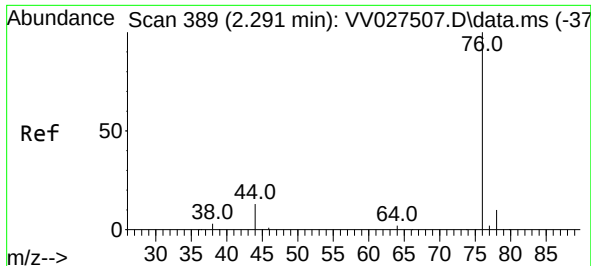
Tgt Ion: 64 Resp: 112864
Ion Ratio Lower Upper
64 100
66 4.9 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV027516.D
Acq: 26 Aug 2022 00:23

Tgt Ion: 96 Resp: 782
Ion Ratio Lower Upper
96 100
61 558.9 130.2 241.8#
63 4493.8 87.4 162.4#

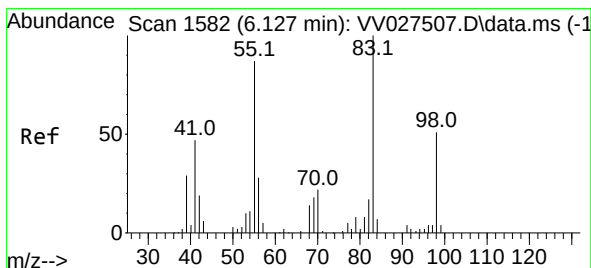
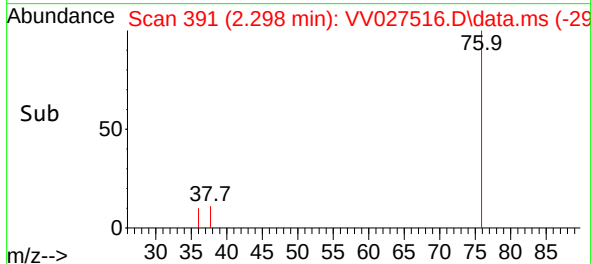
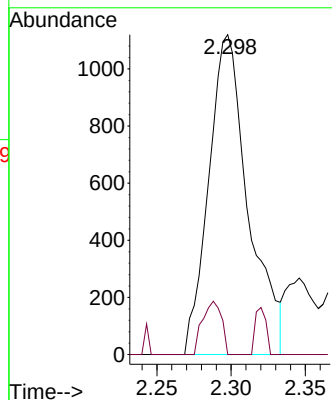
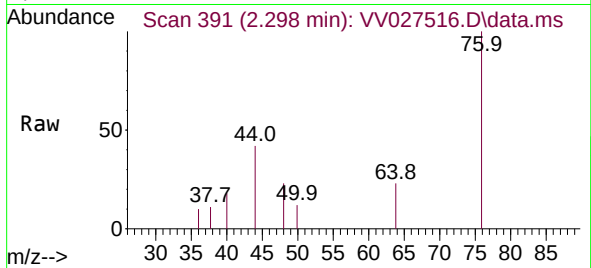




#14
Carbon disulfide
Concen: 0.088 ug/L
RT: 2.298 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV027516.D
Acq: 26 Aug 2022 00:23

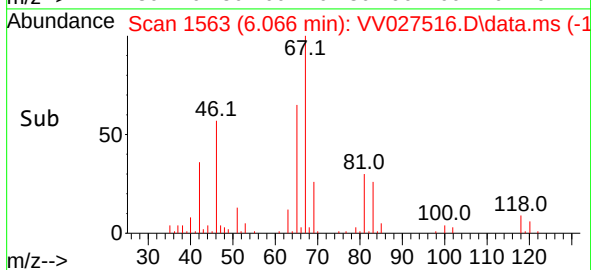
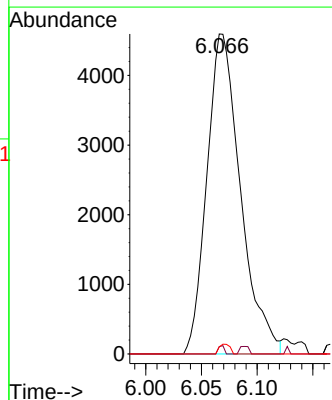
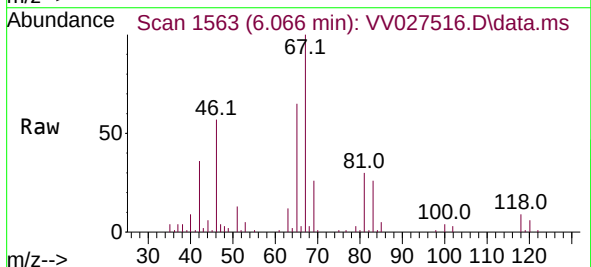
Instrument :
MSVOA_V
ClientSampleId :

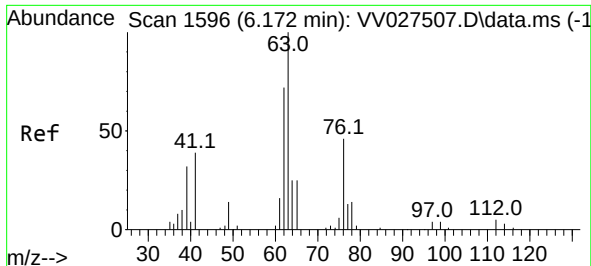
Tgt Ion: 76 Resp: 2074
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027516.D
Acq: 26 Aug 2022 00:23

Tgt Ion: 83 Resp: 9640
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 1.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.480 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027516.D

Acq: 26 Aug 2022 00:23

Instrument :

MSVOA_V

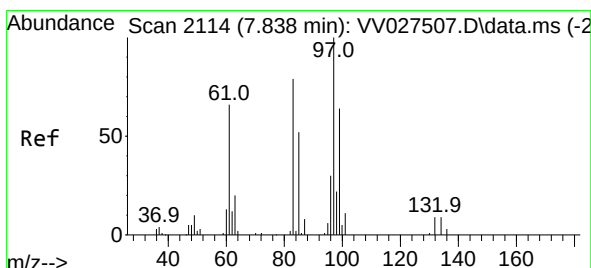
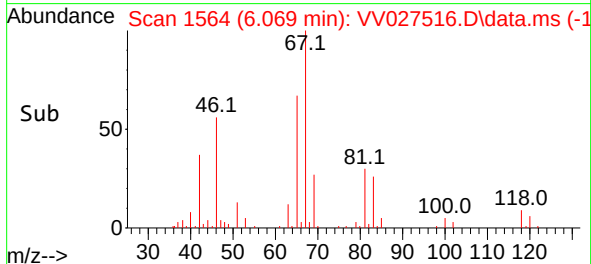
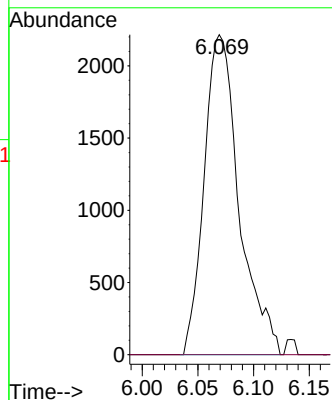
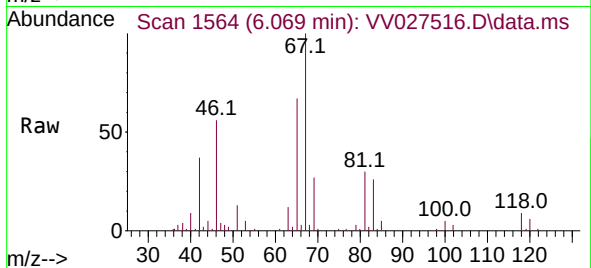
ClientSampleId :

Tgt Ion: 63 Resp: 4845

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#45

1,1,2-Trichloroethane

Concen: 0.098 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.132 min

Lab File: VV027516.D

Acq: 26 Aug 2022 00:23

Tgt Ion: 97 Resp: 629

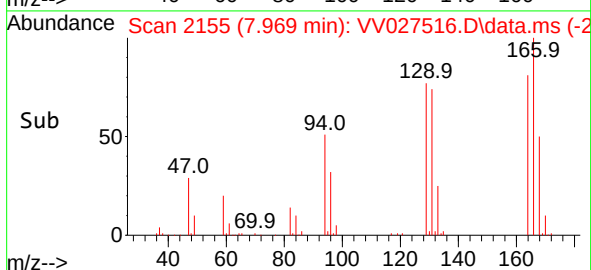
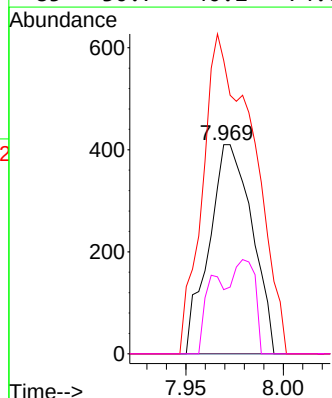
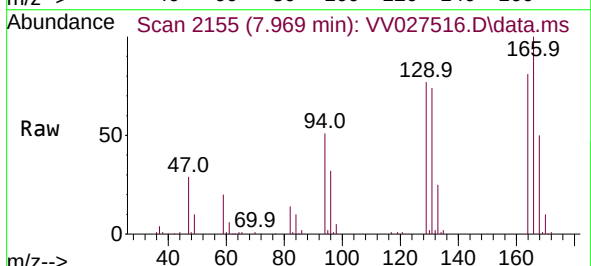
Ion Ratio Lower Upper

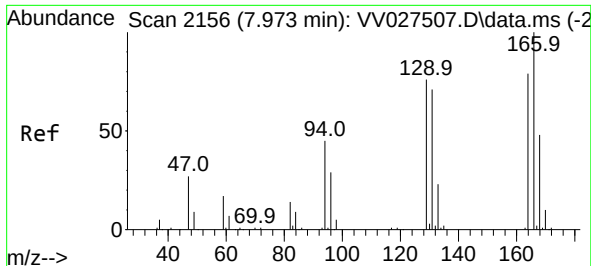
97 100

99 0.0 46.1 85.7#

83 140.2 63.0 117.0#

85 30.7 40.2 74.6#





#47

Tetrachloroethene

Concen: 7.423 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027516.D

Acq: 26 Aug 2022 00:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 57594

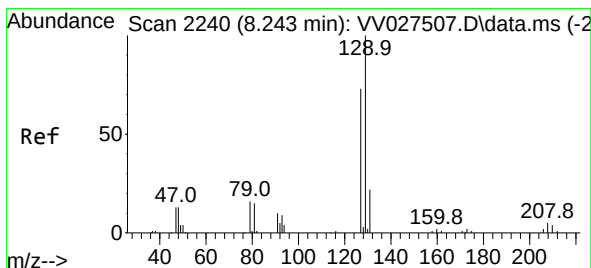
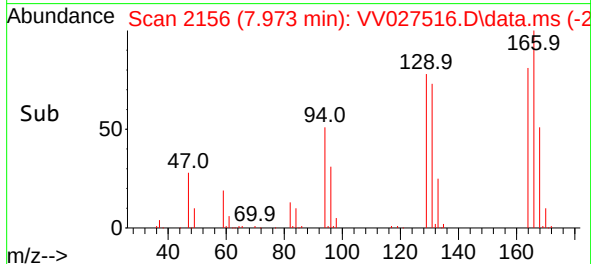
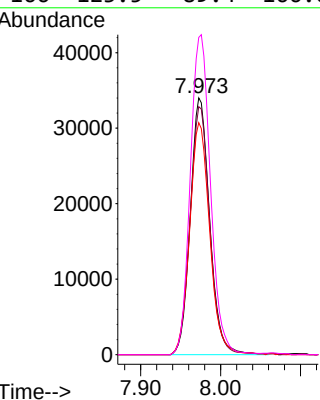
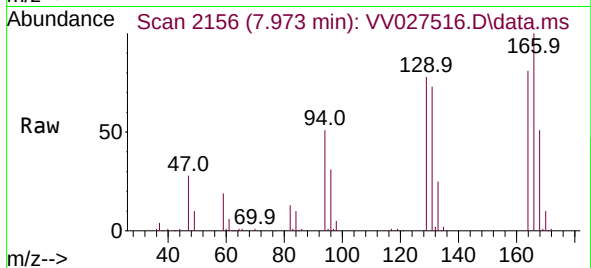
Ion Ratio Lower Upper

164 100

129 96.5 71.1 132.1

131 90.3 64.5 119.9

166 123.5 89.4 166.0



#49

Dibromochloromethane

Concen: 6.893 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027516.D

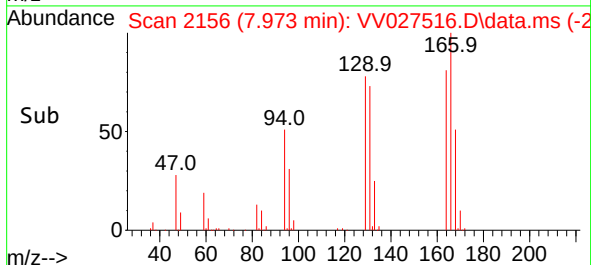
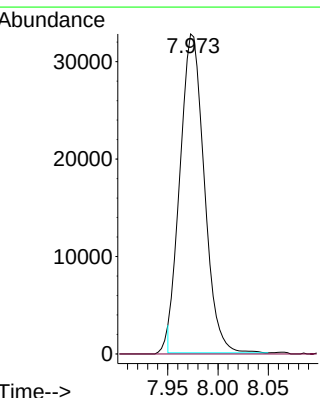
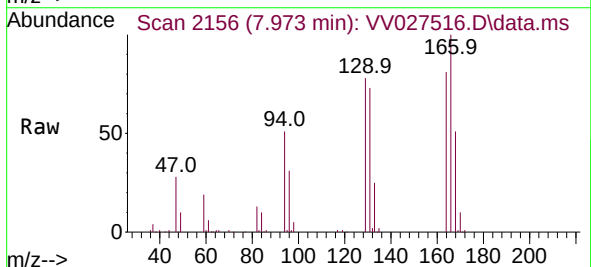
Acq: 26 Aug 2022 00:23

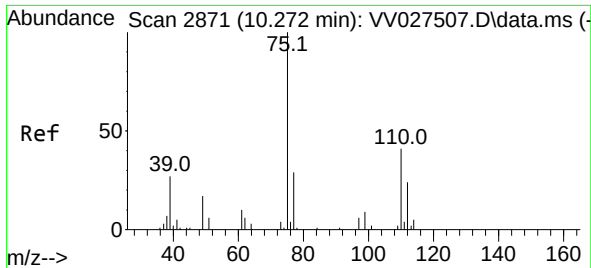
Tgt Ion:129 Resp: 54678

Ion Ratio Lower Upper

129 100

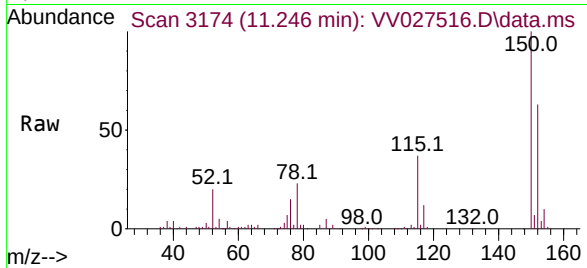
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.253 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027516.D
 Acq: 26 Aug 2022 00:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5535
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.2 39.2
 110 1.2 29.9 44.9#

