

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028080.D
 Acq On : 22 Sep 2022 23:56
 Operator : SY/MD
 Sample : N4621-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:53:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	178895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	179366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92732	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	107686	5.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.200%
7) Chloroethane-d5	1.561	69	85308	5.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.800%
11) 1,1-Dichloroethene-d2	2.098	63	143756	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.905	46	131728	42.071	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.140%
24) Chloroform-d	4.343	84	165583	5.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	5.027	65	78263	5.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.043	84	327585	5.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.063	67	98185	5.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.310	98	280916	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	7.619	79	34107	5.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.085	63	141205	51.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	70769	5.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	110753	6.089	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1586	0.090	ug/L	89
5) Vinyl chloride	1.304	62	1104	0.080	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1473	0.116	ug/L #	26
12) 1,1-Dichloroethene	2.105	96	1301	0.105	ug/L #	1
14) Carbon disulfide	2.285	76	1553	0.065	ug/L #	85
15) Methyl Acetate	2.487	43	1725	0.368	ug/L #	61
19) 1,1-Dichloroethane	3.191	63	2004	0.085	ug/L	96
22) cis-1,2-Dichloroethene	3.909	96	3877	0.273	ug/L	97
27) 1,2-Dichloroethane	5.140	62	4987	0.369	ug/L #	94
30) Cyclohexane	4.674	56	946	0.059	ug/L #	28
33) Benzene	5.092	78	4425	0.089	ug/L	100
35) Methylcyclohexane	6.066	83	24592	1.446	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	11624	0.832	ug/L #	40
45) 1,1,2-Trichloroethane	7.780	97	602	0.064	ug/L #	48
51) Chlorobenzene	8.879	112	69198	1.986	ug/L	96
55) Styrene	9.596	104	18671	0.518	ug/L #	32
61) 1,2,3-Trichloropropane	9.593	75	678	0.087	ug/L #	45

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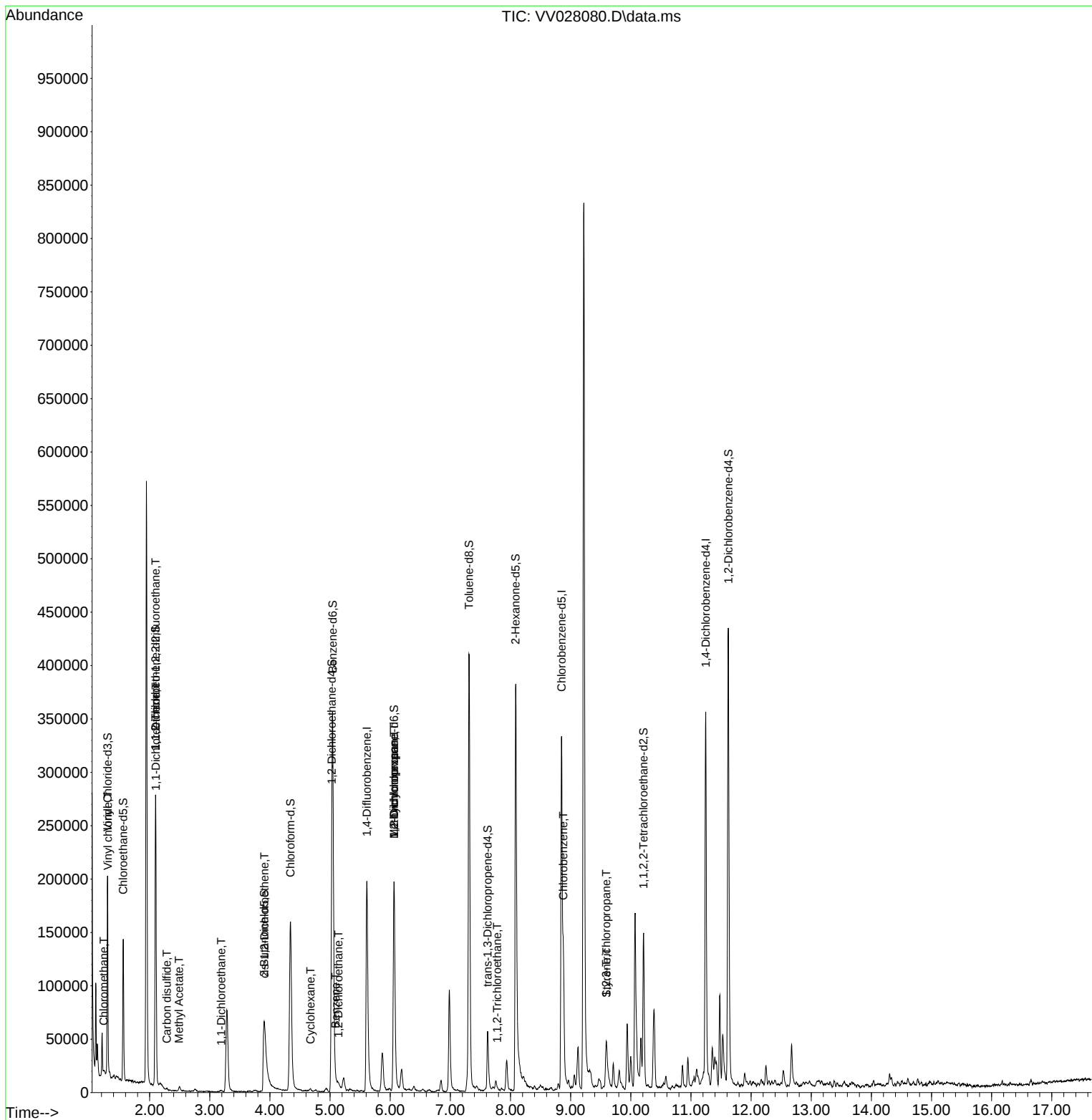
Instrument :
MSVOA_V
ClientSampleId :

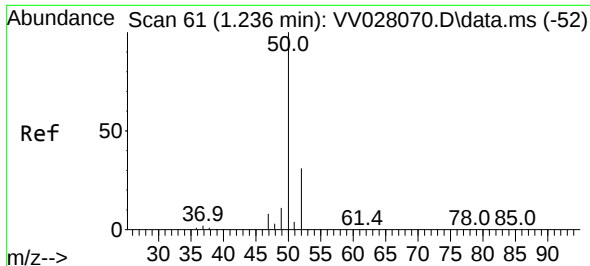
Quant Time: Sep 23 04:53:21 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 04:38:54 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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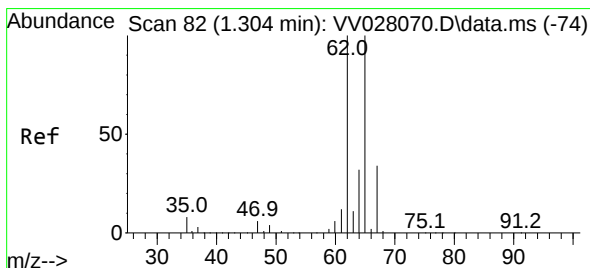
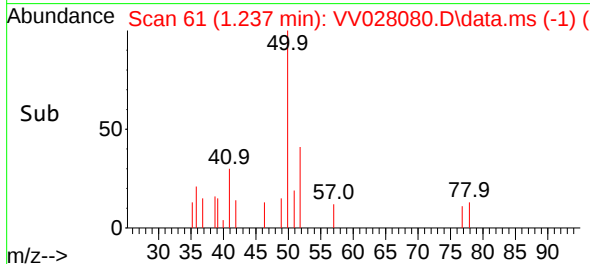
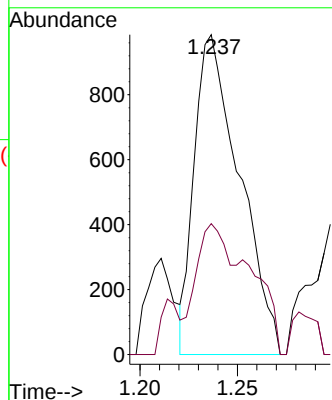
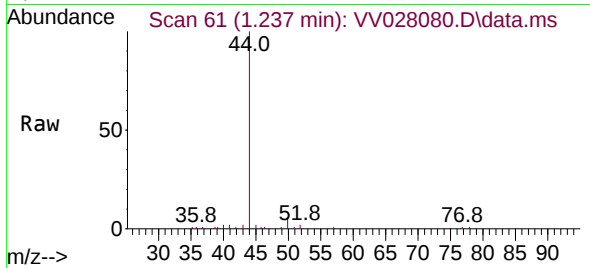




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

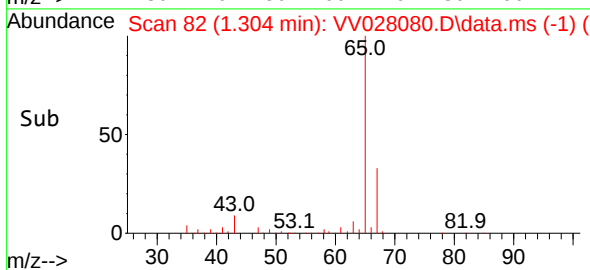
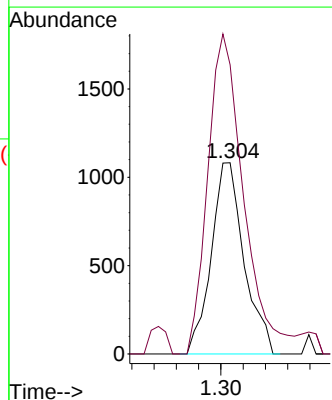
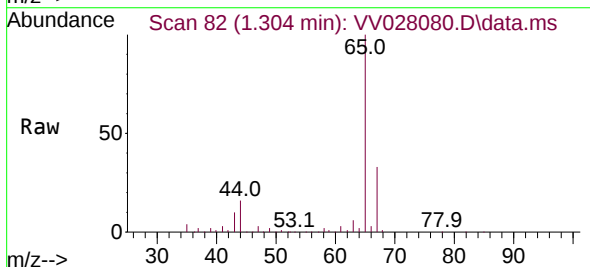
Instrument :
MSVOA_V
ClientSampleId :

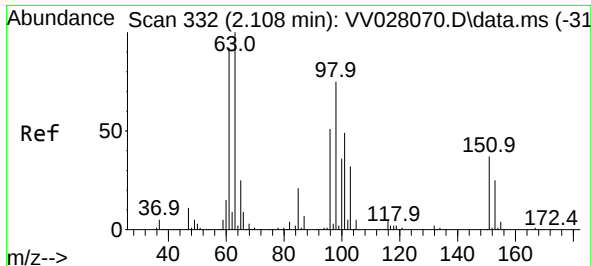
Tgt Ion: 50 Resp: 1586
Ion Ratio Lower Upper
50 100
52 40.9 24.4 45.2



#5
Vinyl chloride
Concen: 0.080 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

Tgt Ion: 62 Resp: 1104
Ion Ratio Lower Upper
62 100
64 151.2 23.0 42.8#

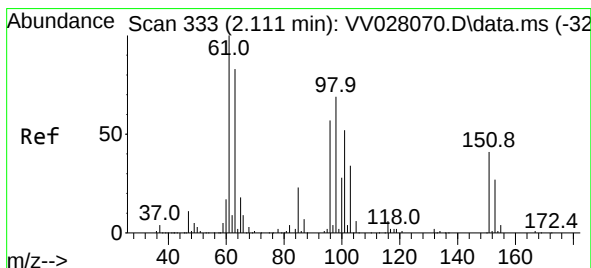
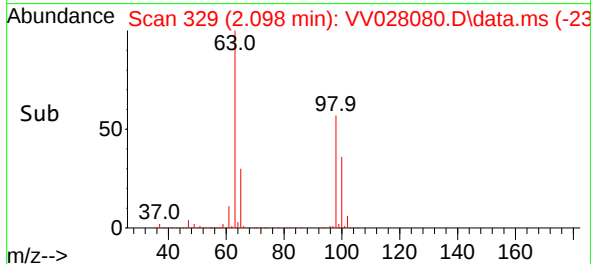
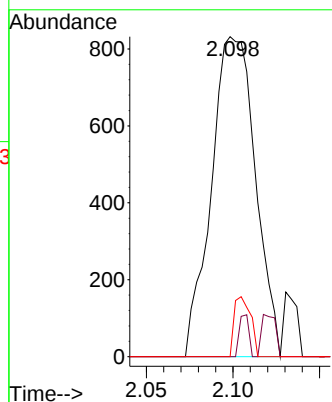
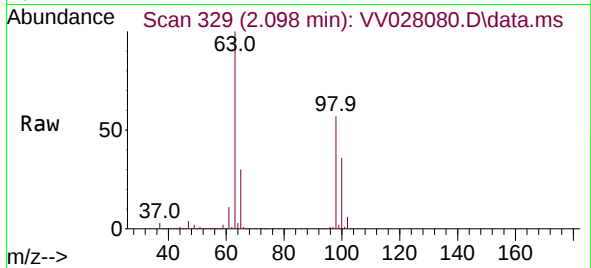




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.116 ug/L
 RT: 2.098 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: VV028080.D
 Acq: 22 Sep 2022 23:56

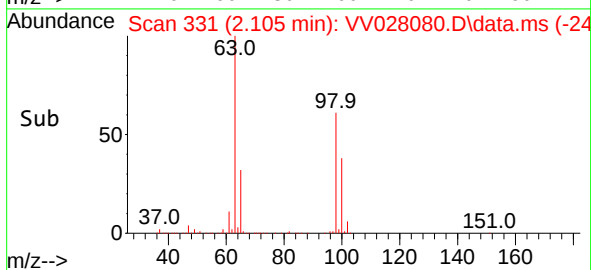
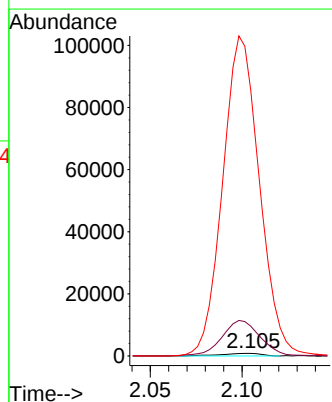
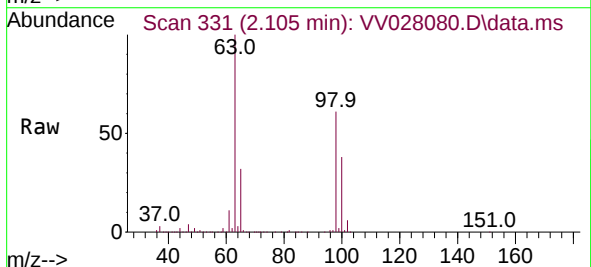
Instrument :
 MSVOA_V
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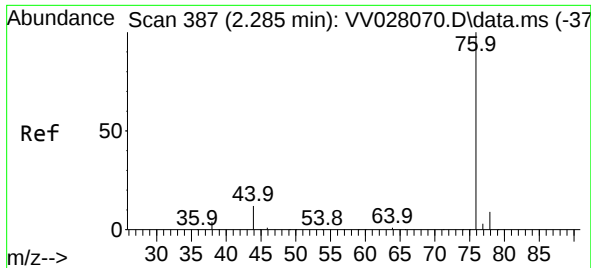
Tgt Ion:101 Resp: 1473
 Ion Ratio Lower Upper
 101 100
 85 2.8 34.4 51.6#
 151 7.0 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.105 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.006 min
 Lab File: VV028080.D
 Acq: 22 Sep 2022 23:56

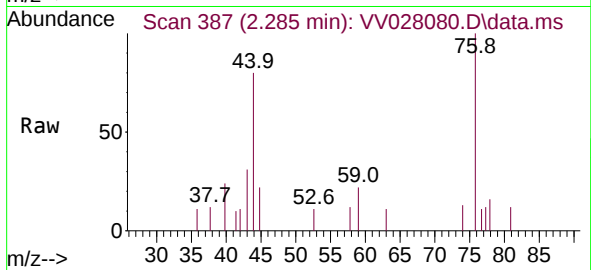
Tgt Ion: 96 Resp: 1301
 Ion Ratio Lower Upper
 96 100
 61 1123.4 128.3 238.3#
 63 10044.1 112.7 209.3#



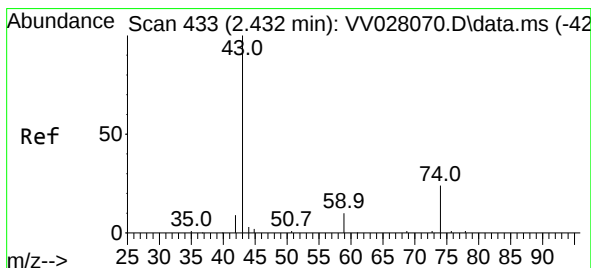
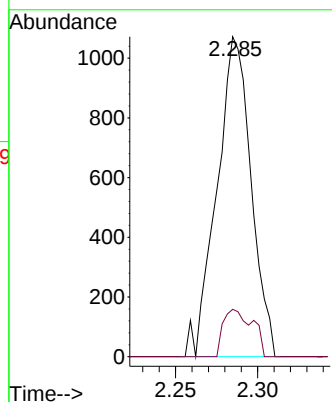
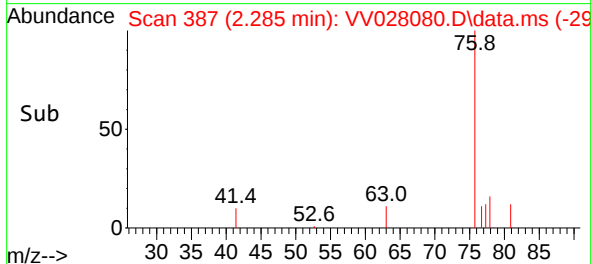


#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.285 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

Instrument :
MSVOA_V
ClientSampleId :

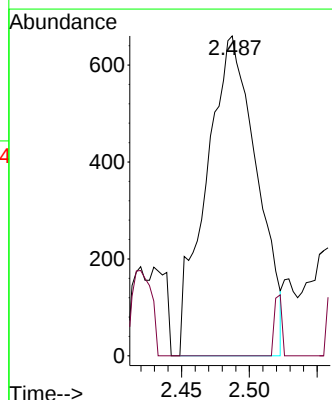
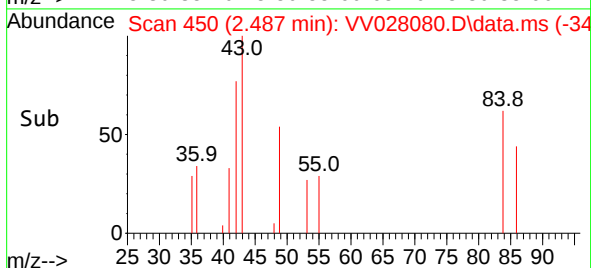
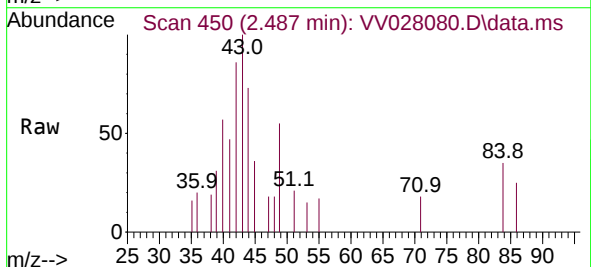


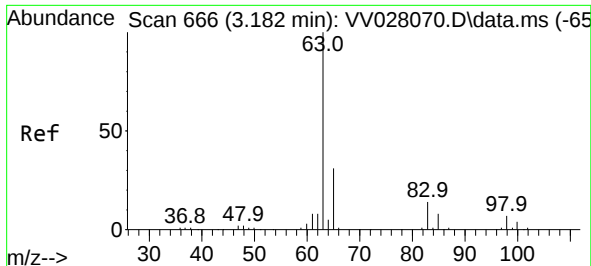
Tgt Ion: 76 Resp: 1553
Ion Ratio Lower Upper
76 100
78 14.8 7.6 11.4#



#15
Methyl Acetate
Concen: 0.368 ug/L
RT: 2.487 min Scan# 450
Delta R.T. 0.055 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
74 2.7 16.9 25.3#





#19

1,1-Dichloroethane

Concen: 0.085 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

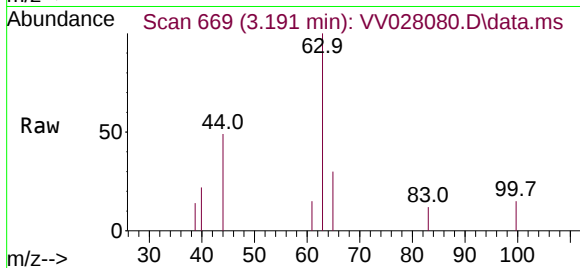
Lab File: VV028080.D

Acq: 22 Sep 2022 23:56

Instrument :

MSVOA_V

ClientSampleId :



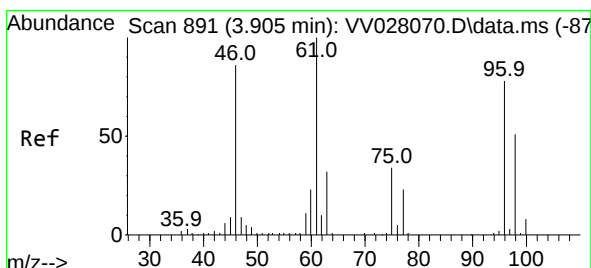
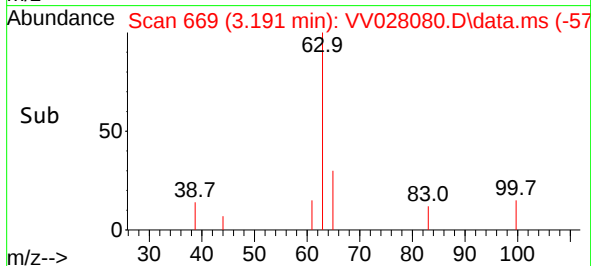
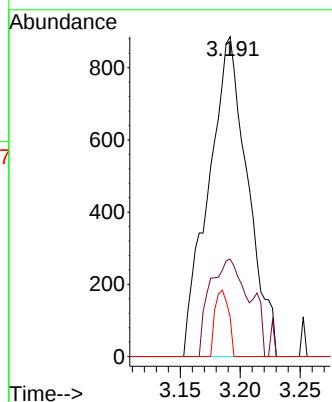
Tgt Ion: 63 Resp: 2004

Ion Ratio Lower Upper

63 100

65 30.5 23.0 42.8

83 12.4 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 0.273 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV028080.D

Acq: 22 Sep 2022 23:56

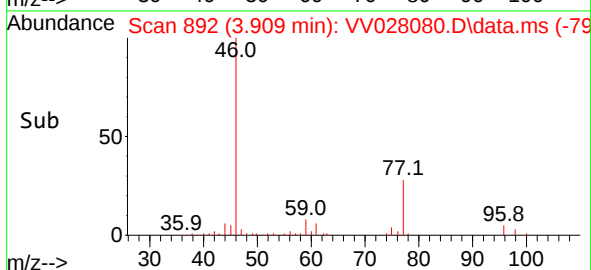
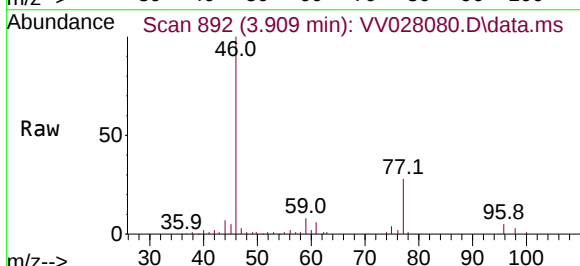
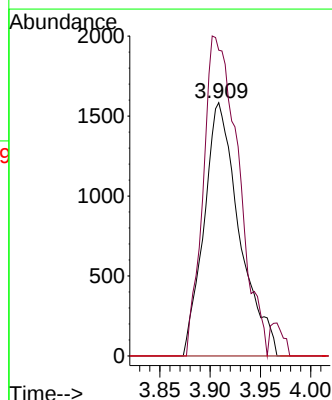
Tgt Ion: 96 Resp: 3877

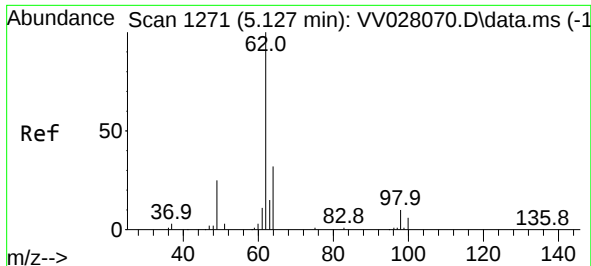
Ion Ratio Lower Upper

96 100

61 120.7 87.2 161.9

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.369 ug/L

RT: 5.140 min Scan# 1130

Delta R.T. 0.013 min

Lab File: VV028080.D

Acq: 22 Sep 2022 23:56

Instrument :

MSVOA_V

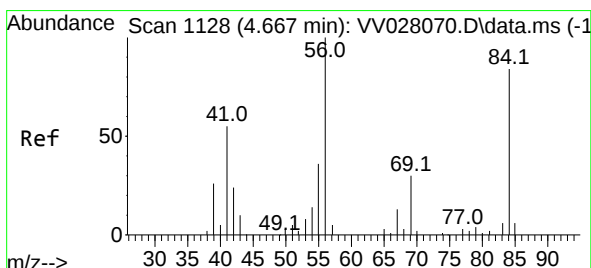
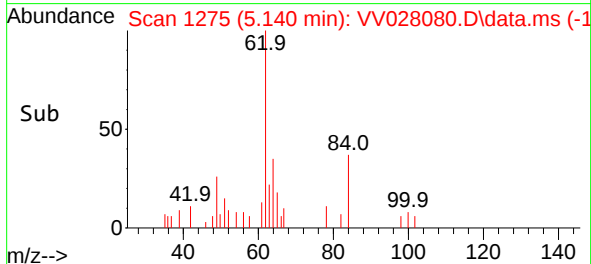
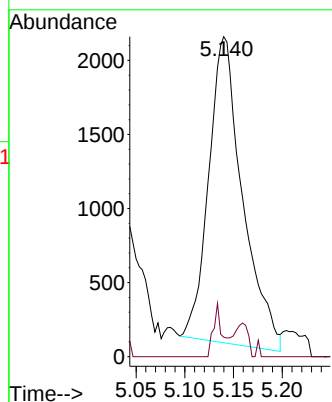
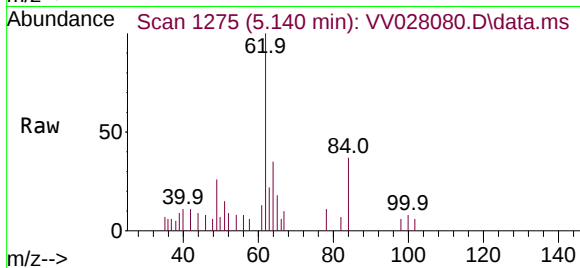
ClientSampleId :

Tgt Ion: 62 Resp: 4987

Ion Ratio Lower Upper

62 100

98 6.1 6.7 10.1#



#30

Cyclohexane

Concen: 0.059 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VV028080.D

Acq: 22 Sep 2022 23:56

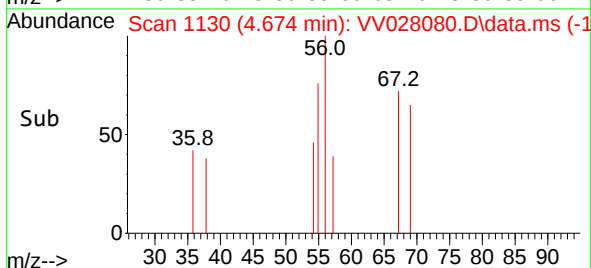
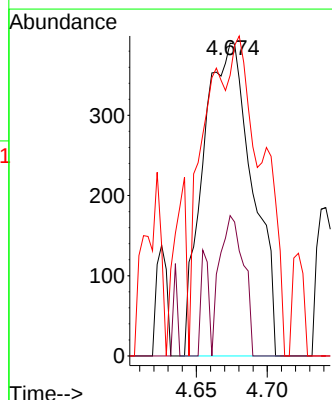
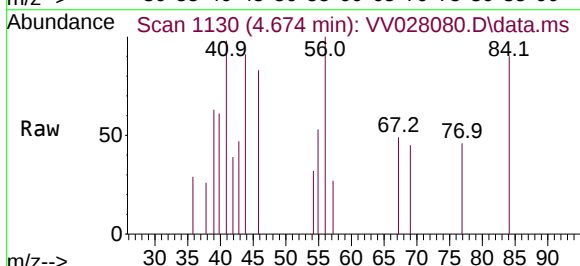
Tgt Ion: 56 Resp: 946

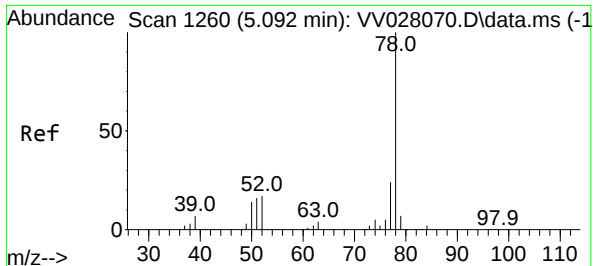
Ion Ratio Lower Upper

56 100

69 21.8 23.7 35.5#

84 0.0 67.3 100.9#

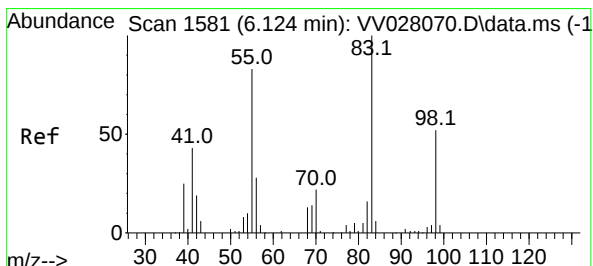
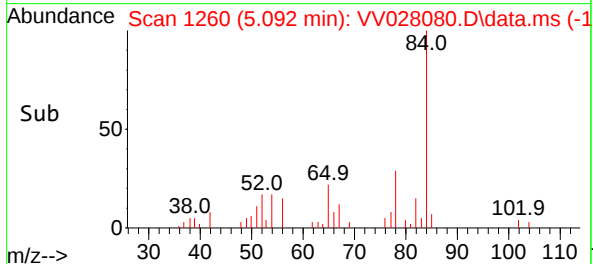
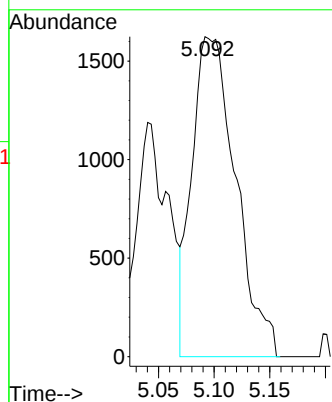
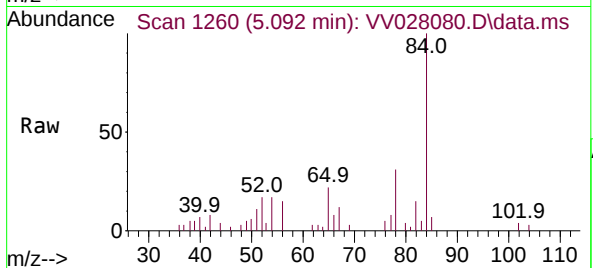




#33
Benzene
Concen: 0.089 ug/L
RT: 5.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

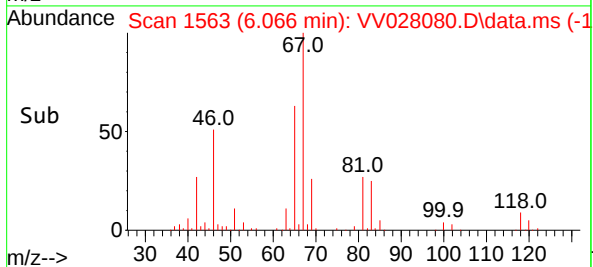
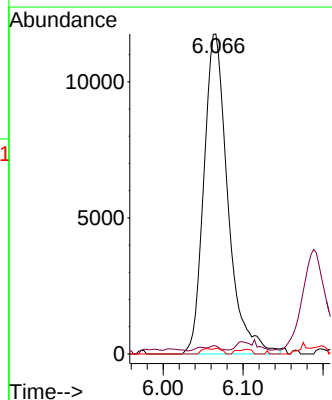
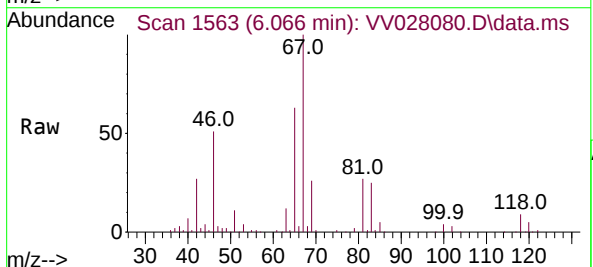
Instrument :
MSVOA_V
ClientSampleId :

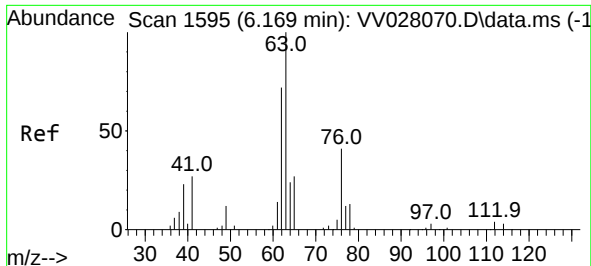
Tgt Ion: 78 Resp: 4425



#35
Methylcyclohexane
Concen: 1.446 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

Tgt Ion: 83 Resp: 24592
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.7 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.832 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV028080.D

Acq: 22 Sep 2022 23:56

Instrument :

MSVOA_V

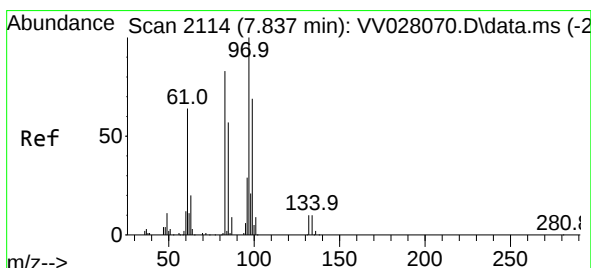
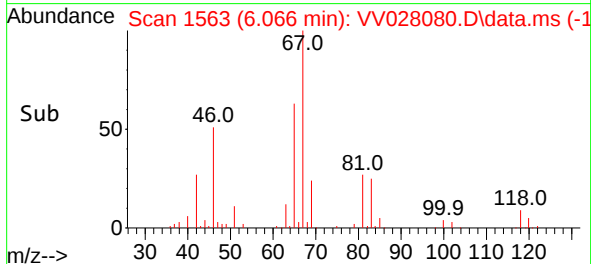
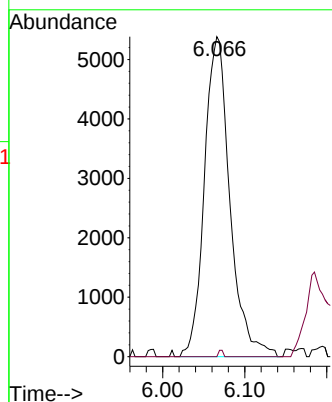
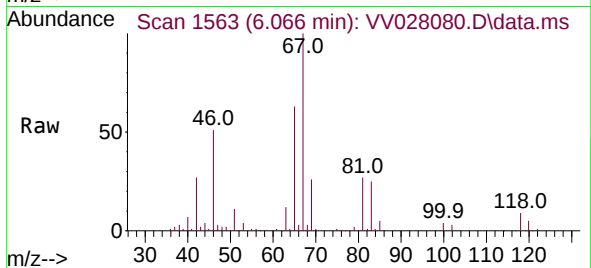
ClientSampleId :

Tgt Ion: 63 Resp: 11624

Ion Ratio Lower Upper

63 100

112 24.0 3.5 5.3#



#45

1,1,2-Trichloroethane

Concen: 0.064 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. -0.058 min

Lab File: VV028080.D

Acq: 22 Sep 2022 23:56

Tgt Ion: 97 Resp: 602

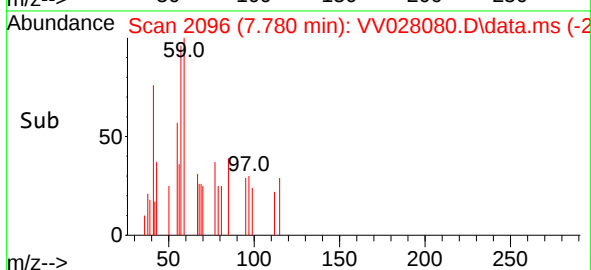
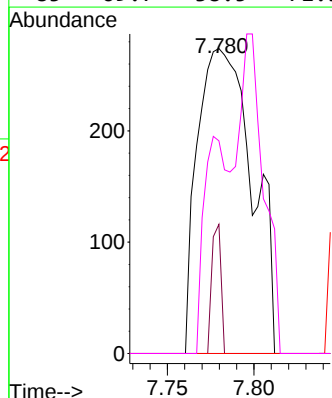
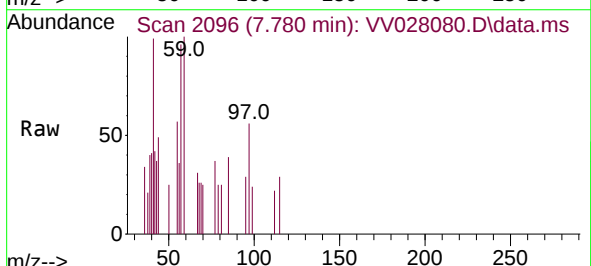
Ion Ratio Lower Upper

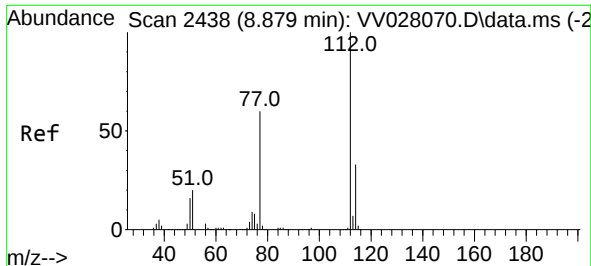
97 100

99 42.3 43.2 80.2#

83 0.0 59.1 109.9#

85 69.7 38.5 71.5

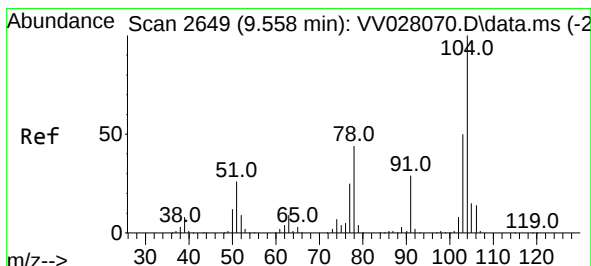
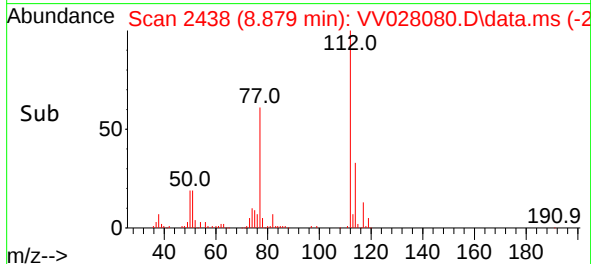
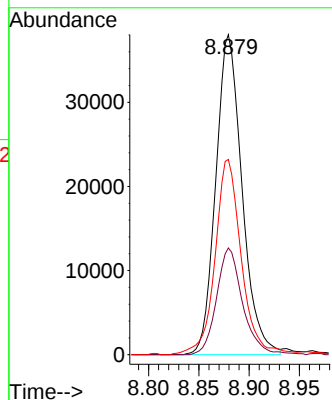
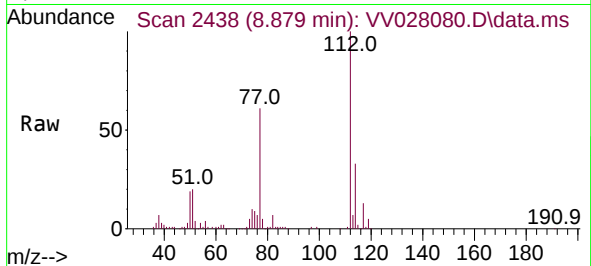




#51
Chlorobenzene
Concen: 1.986 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

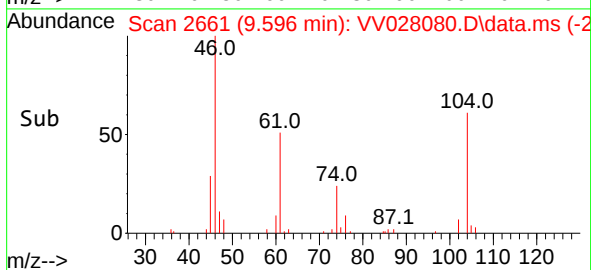
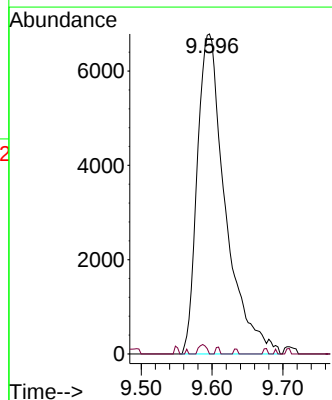
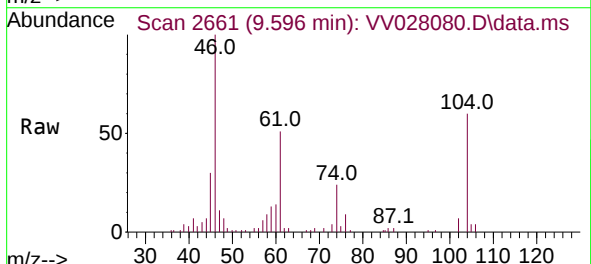
Instrument :
MSVOA_V
ClientSampleId :

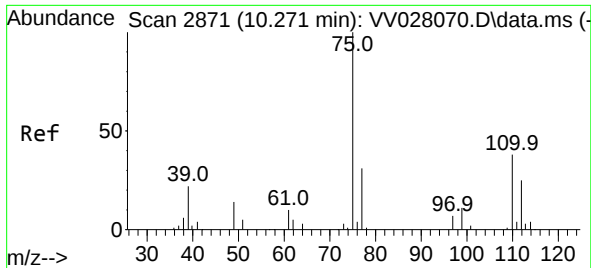
Tgt Ion:112 Resp: 69198
Ion Ratio Lower Upper
112 100
114 33.3 22.5 41.7
77 61.0 46.1 69.1



#55
Styrene
Concen: 0.518 ug/L
RT: 9.596 min Scan# 2661
Delta R.T. 0.039 min
Lab File: VV028080.D
Acq: 22 Sep 2022 23:56

Tgt Ion:104 Resp: 18671
Ion Ratio Lower Upper
104 100
78 0.0 31.0 57.6





#61

1,2,3-Trichloropropane

Concen: 0.087 ug/L

RT: 9.593 min Scan# 2

Delta R.T. -0.678 min

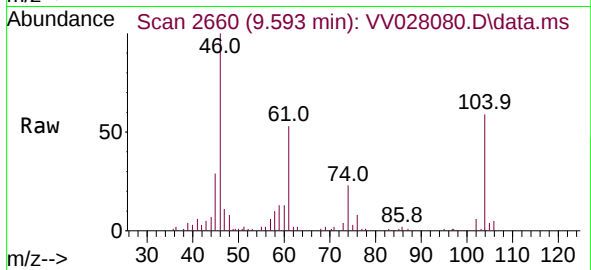
Lab File: VV028080.D

Acq: 22 Sep 2022 23:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 678

Ion Ratio Lower Upper

75 100

77 0.0 26.7 40.1#

110 6.2 30.1 45.1#

