

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028104.D
 Acq On : 23 Sep 2022 15:27
 Operator : SY/MD
 Sample : N4729-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:28:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

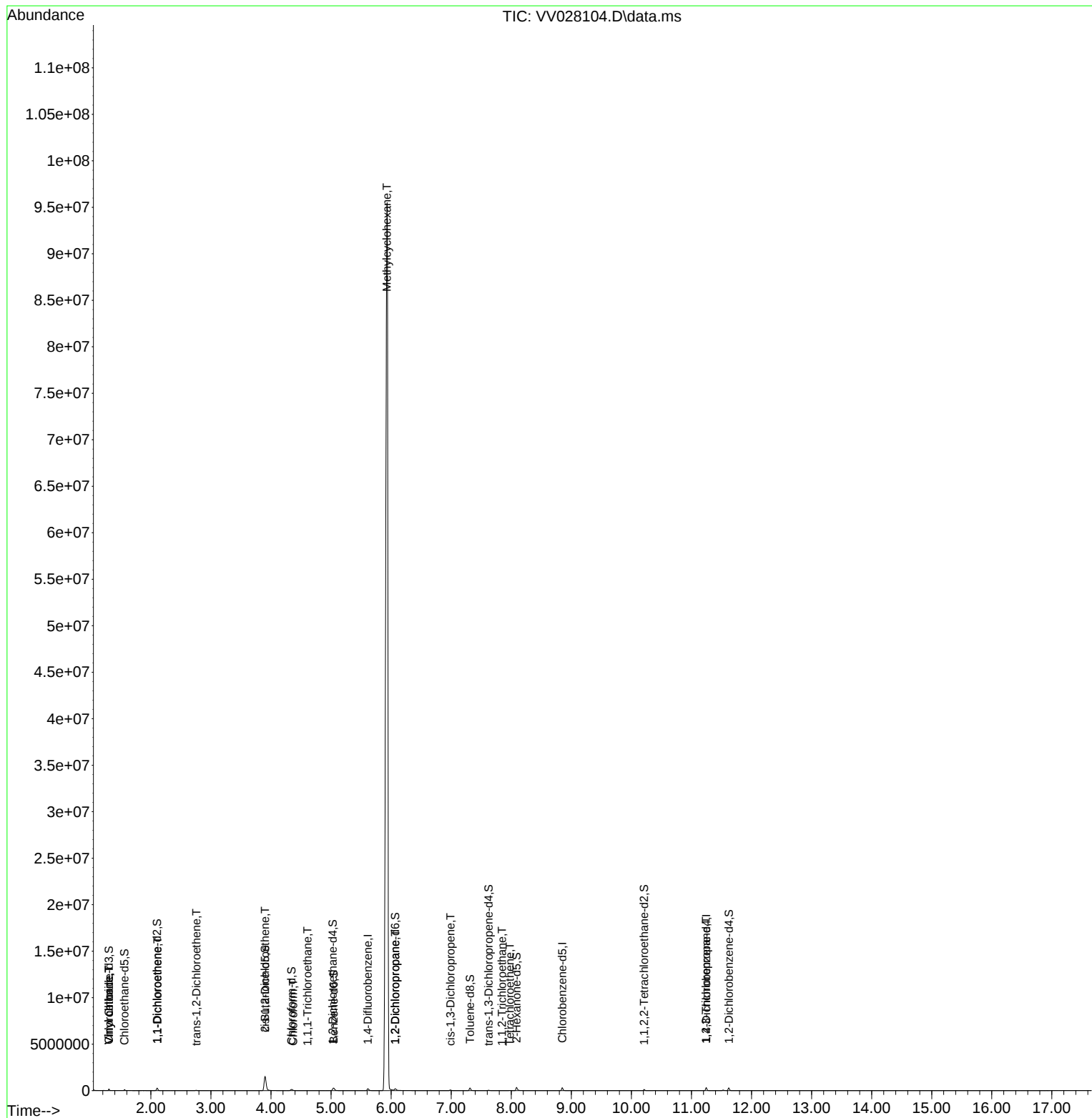
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	184125	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74087	3.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.561	69	65189	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.101	63	118693	3.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.902	46	161524	50.121	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.240%
24) Chloroform-d	4.342	84	136964	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.031	65	65311	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.043	84	259518	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.069	67	83373	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.313	98	199221	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.622	79	28231	4.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.088	63	129290	47.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58430	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	80470	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	37545	2.630	ug/L	99
8) Chloroethane	1.304	64	12330	1.288	ug/L #	67
12) 1,1-Dichloroethene	2.111	96	39436	3.099	ug/L	87
18) trans-1,2-Dichloroethene	2.757	96	16209	1.455	ug/L	95
22) cis-1,2-Dichloroethene	3.902	96	828395	56.677	ug/L	97
25) Chloroform	4.371	83	2946	0.113	ug/L	87
29) 1,1,1-Trichloroethane	4.609	97	1065	0.049	ug/L #	61
35) Methylcyclohexane	5.931	83	691806	41.116	ug/L #	1
37) 1,2-Dichloropropane	6.069	63	9625	0.697	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1888	0.110	ug/L #	76
45) 1,1,2-Trichloroethane	7.847	97	1226	0.132	ug/L #	89
47) Tetrachloroethene	7.979	164	3590	0.367	ug/L	91
61) 1,2,3-Trichloropropane	11.242	75	9576	1.352	ug/L #	66

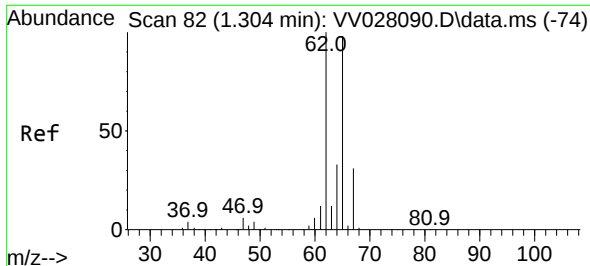
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
Data File : VV028104.D
Acq On : 23 Sep 2022 15:27
Operator : SY/MD
Sample : N4729-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 24 01:28:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration

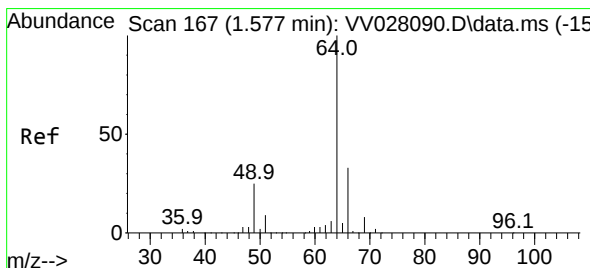
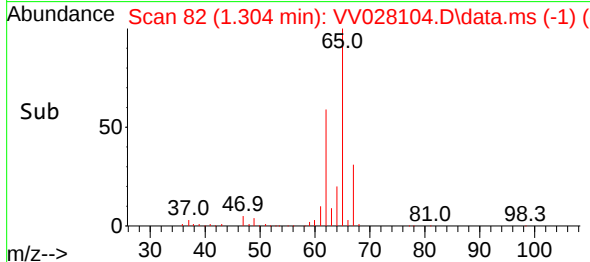
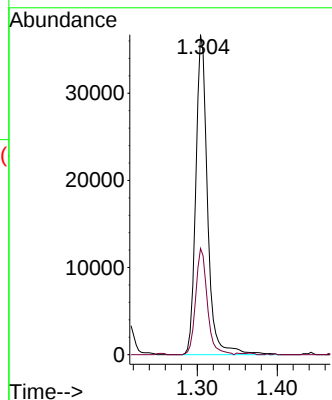
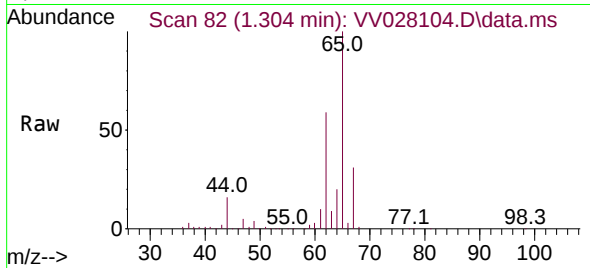




#5
 Vinyl chloride
 Concen: 2.630 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27

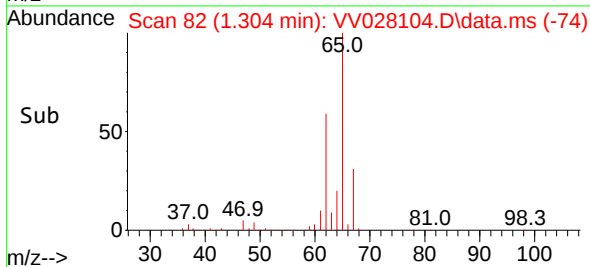
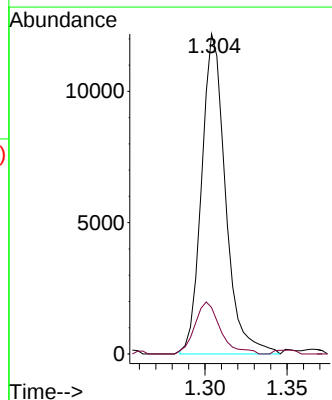
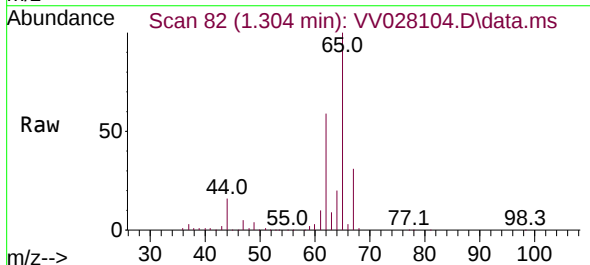
Instrument :
 MSVOA_V
 ClientSampleId :

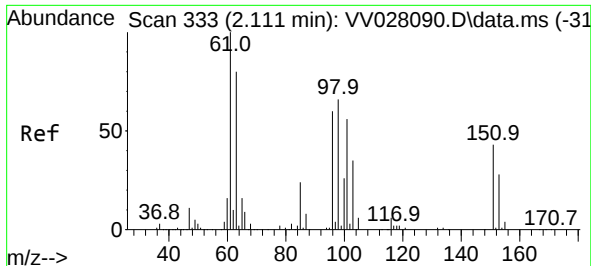
Tgt Ion: 62 Resp: 37545
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.8



#8
 Chloroethane
 Concen: 1.288 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.273 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27

Tgt Ion: 64 Resp: 12330
 Ion Ratio Lower Upper
 64 100
 66 14.5 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 3.099 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

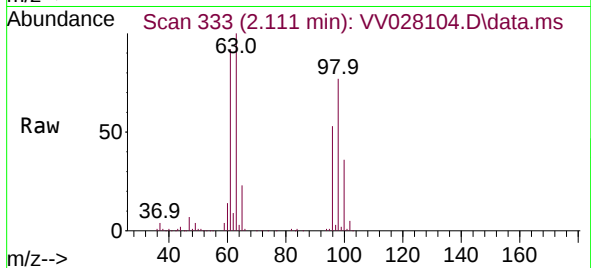
Lab File: VV028104.D

Acq: 23 Sep 2022 15:27

Instrument :

MSVOA_V

ClientSampleId :



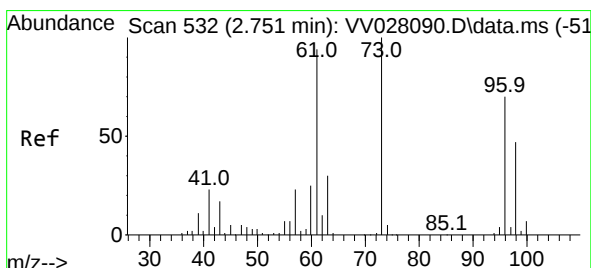
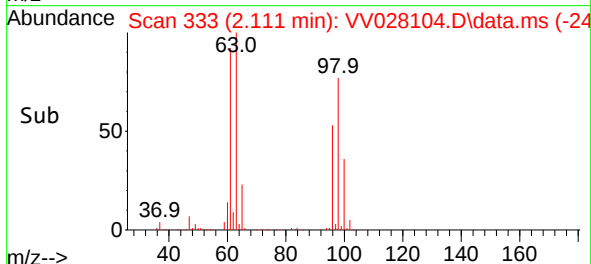
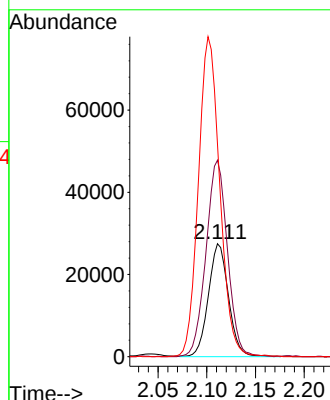
Tgt Ion: 96 Resp: 39436

Ion Ratio Lower Upper

96 100

61 174.0 128.3 238.3

63 188.3 112.7 209.3



#18

trans-1,2-Dichloroethene

Concen: 1.455 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.006 min

Lab File: VV028104.D

Acq: 23 Sep 2022 15:27

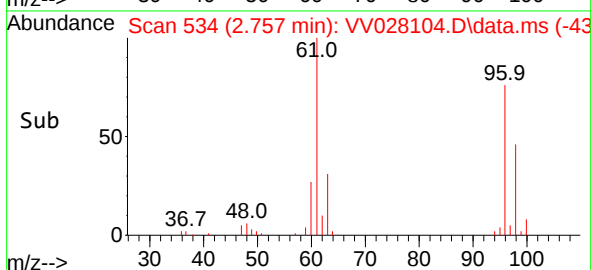
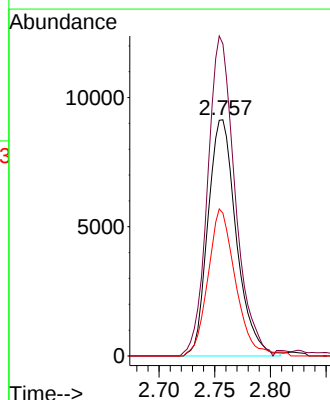
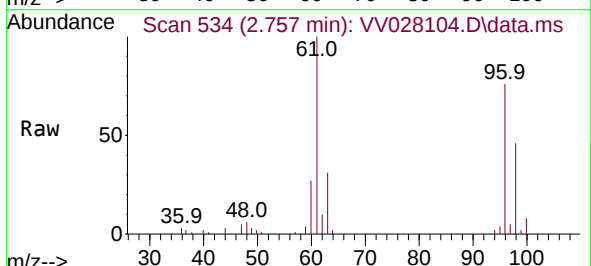
Tgt Ion: 96 Resp: 16209

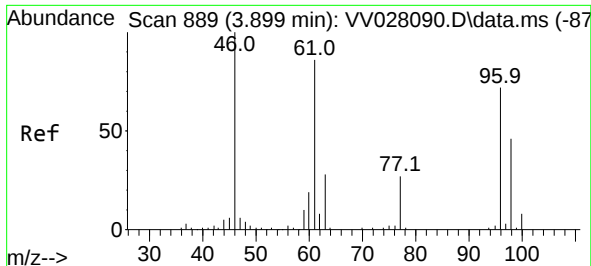
Ion Ratio Lower Upper

96 100

61 132.1 96.2 178.6

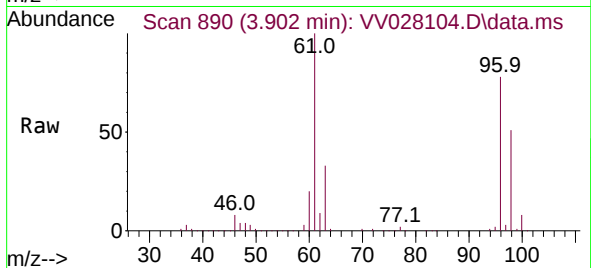
98 60.4 45.7 84.9



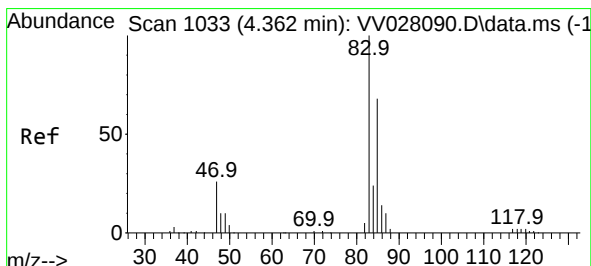
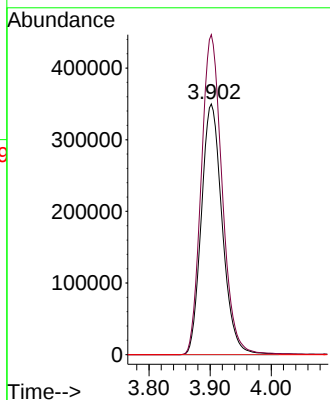
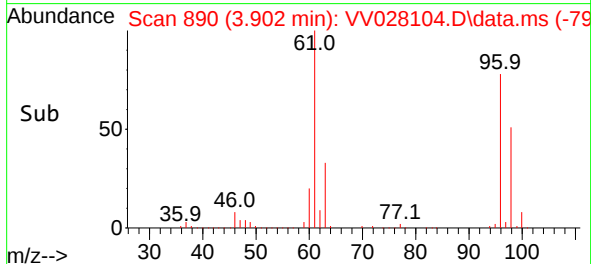


#22
 cis-1,2-Dichloroethene
 Concen: 56.677 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27

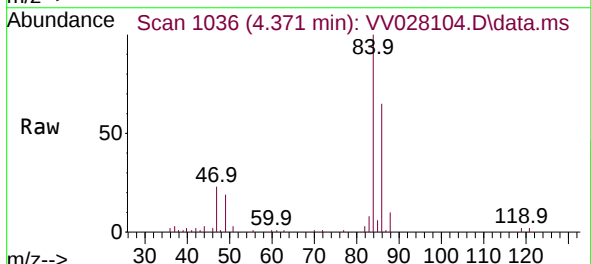
Instrument :
 MSVOA_V
 ClientSampleId :



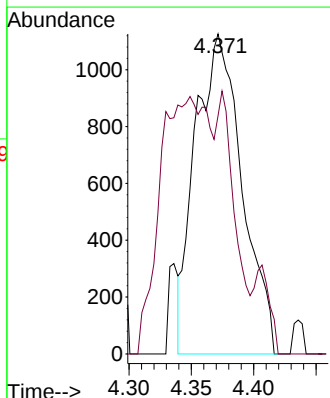
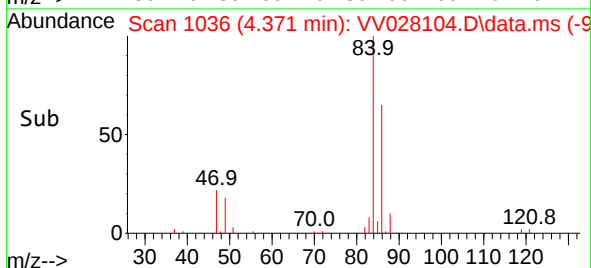
Tgt Ion: 96 Resp: 828395
 Ion Ratio Lower Upper
 96 100
 61 127.7 87.2 161.9
 68 0.0 0.0 0.0

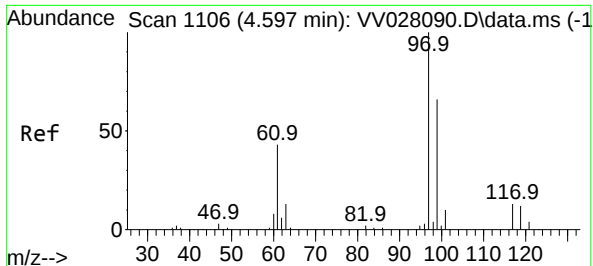


#25
 Chloroform
 Concen: 0.113 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.010 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27



Tgt Ion: 83 Resp: 2946
 Ion Ratio Lower Upper
 83 100
 85 74.4 45.1 83.7





#29

1,1,1-Trichloroethane

Concen: 0.049 ug/L

RT: 4.609 min Scan# 1106

Delta R.T. 0.013 min

Lab File: VV028104.D

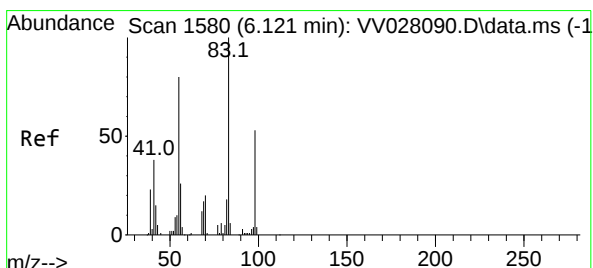
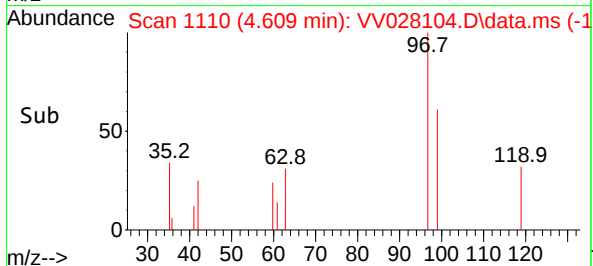
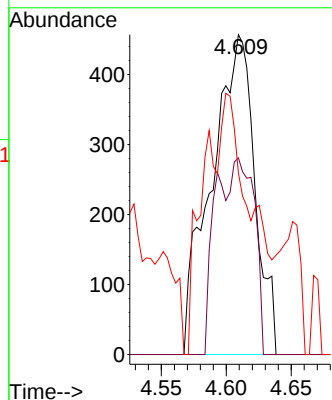
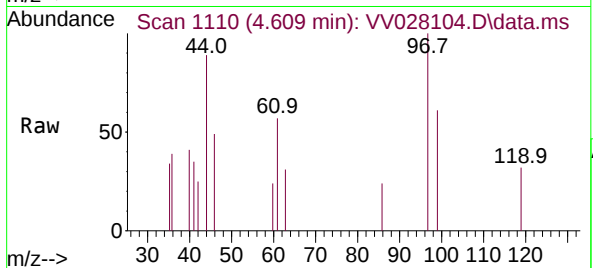
Acq: 23 Sep 2022 15:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	1065
Ion	Ratio	Lower	Upper
97	100		
99	34.7	51.9	77.9#
61	17.7	34.8	52.2#



#35

Methylcyclohexane

Concen: 41.116 ug/L

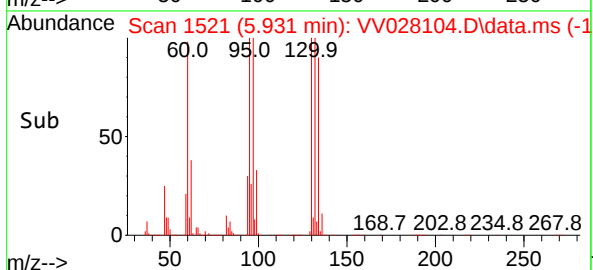
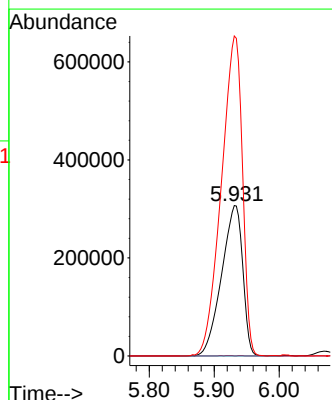
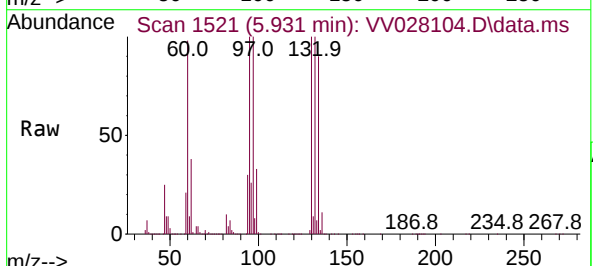
RT: 5.931 min Scan# 1521

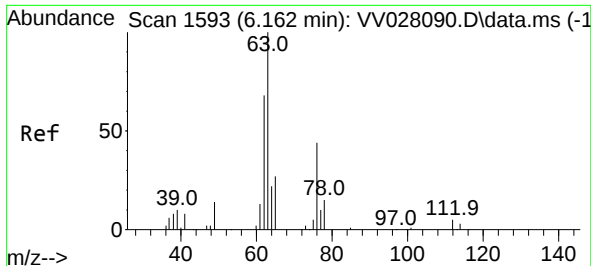
Delta R.T. -0.190 min

Lab File: VV028104.D

Acq: 23 Sep 2022 15:27

Tgt Ion:	83	Resp:	691806
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	212.4	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.697 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV028104.D

Acq: 23 Sep 2022 15:27

Instrument :

MSVOA_V

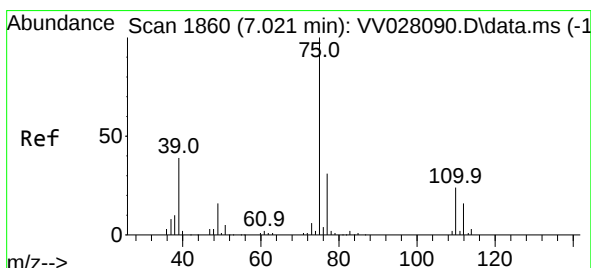
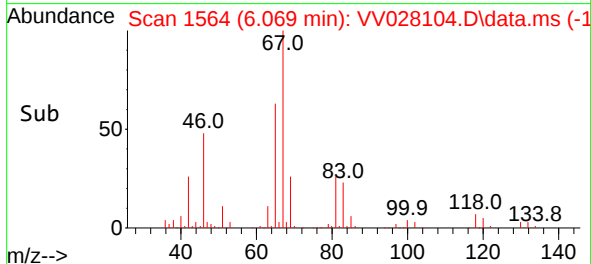
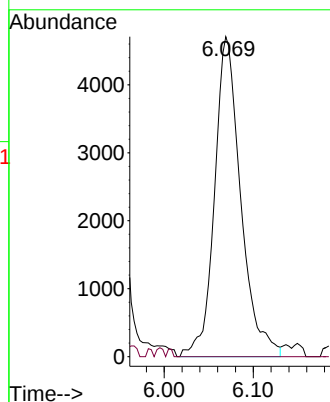
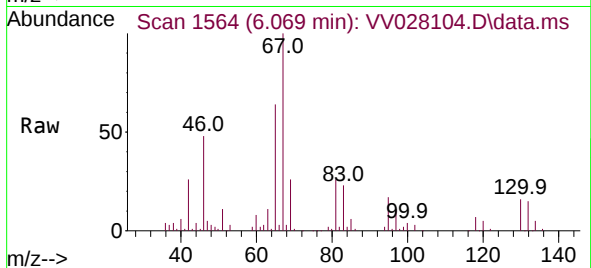
ClientSampleId :

Tgt Ion: 63 Resp: 9625

Ion Ratio Lower Upper

63 100

112 0.4 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.032 min

Lab File: VV028104.D

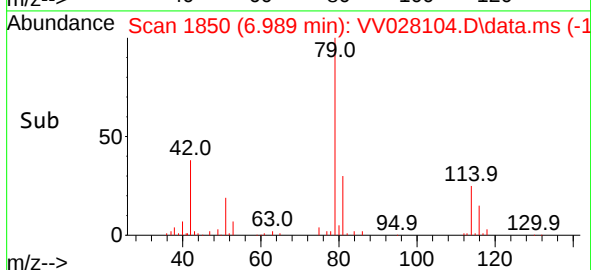
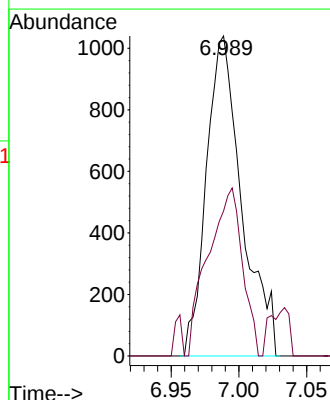
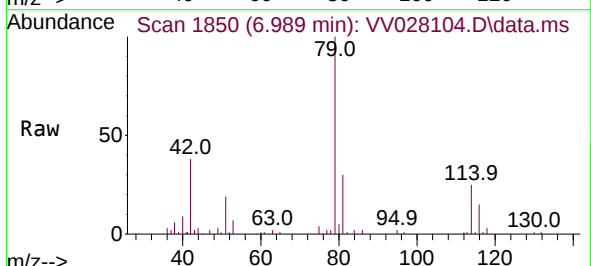
Acq: 23 Sep 2022 15:27

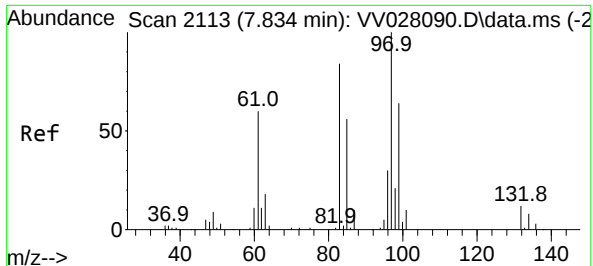
Tgt Ion: 75 Resp: 1888

Ion Ratio Lower Upper

75 100

77 45.3 22.4 41.6#





#45

1,1,2-Trichloroethane

Concen: 0.132 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.013 min

Lab File: VV028104.D

Acq: 23 Sep 2022 15:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1226

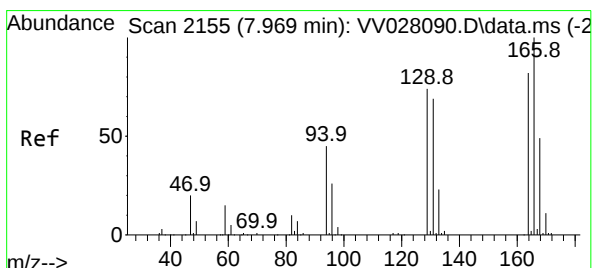
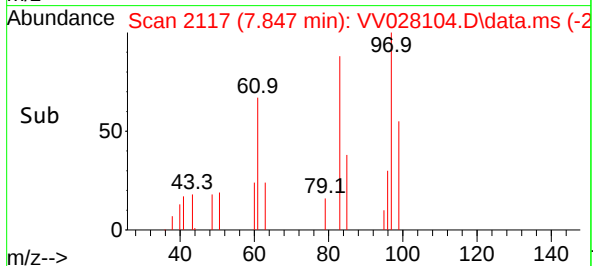
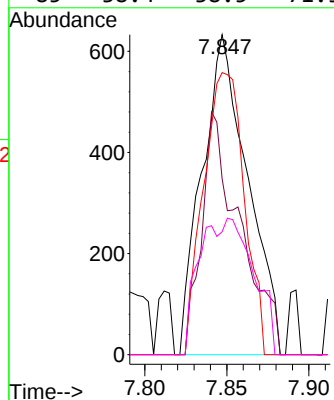
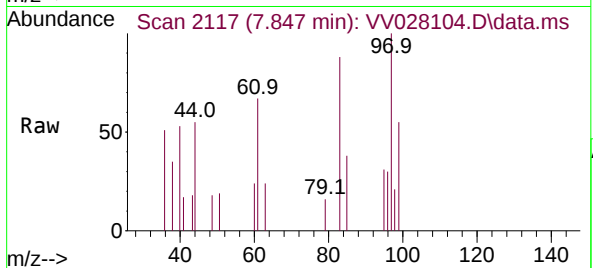
Ion Ratio Lower Upper

97 100

99 55.0 43.2 80.2

83 88.2 59.1 109.9

85 38.4 38.5 71.5#



#47

Tetrachloroethene

Concen: 0.367 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV028104.D

Acq: 23 Sep 2022 15:27

Tgt Ion:164 Resp: 3590

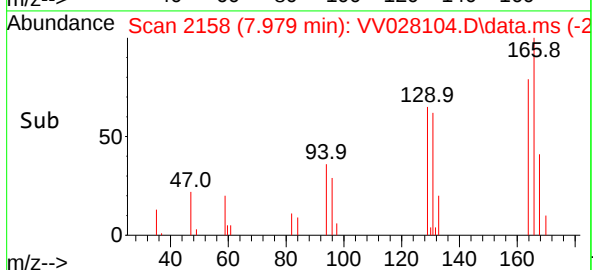
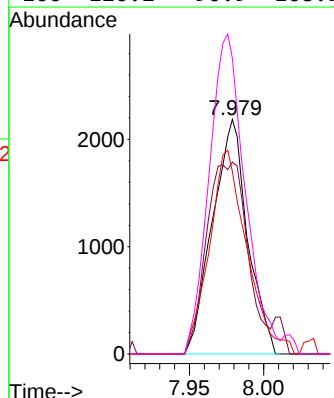
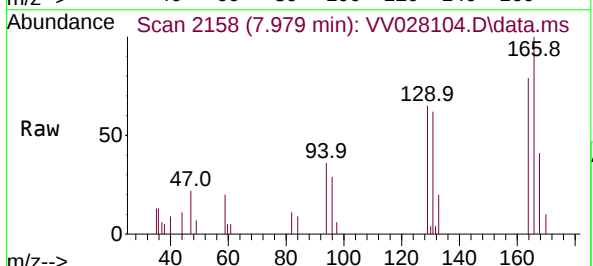
Ion Ratio Lower Upper

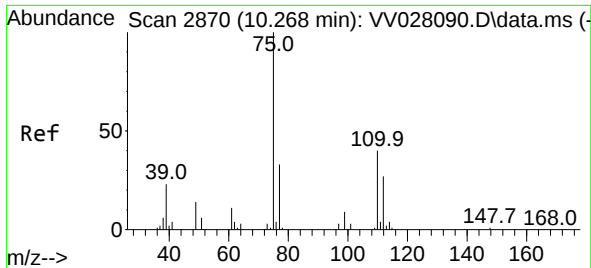
164 100

129 81.8 66.7 123.9

131 77.9 61.7 114.5

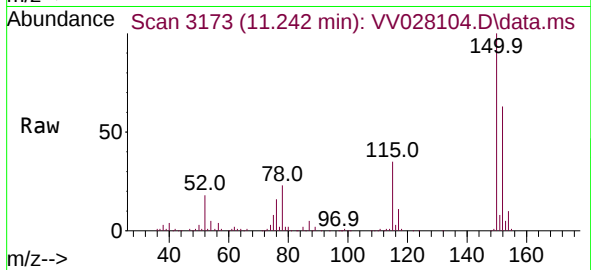
166 126.2 90.9 168.9





#61
 1,2,3-Trichloropropane
 Concen: 1.352 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	9576
Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.7	40.1
110	2.1	30.1	45.1#

