

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028100.D
 Acq On : 23 Sep 2022 13:49
 Operator : SY/MD
 Sample : N4621-13 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:27:14 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	5.613	114	179630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	178873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85784	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	83239	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.561	69	70215	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.101	63	110829	3.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.908	46	167919	53.410	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	4.342	84	143819	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.027	65	70962	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.043	84	267235	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.066	67	83798	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.313	98	215243	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.622	79	28694	4.344	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.088	63	136264	49.432	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63261	5.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	89850	5.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%

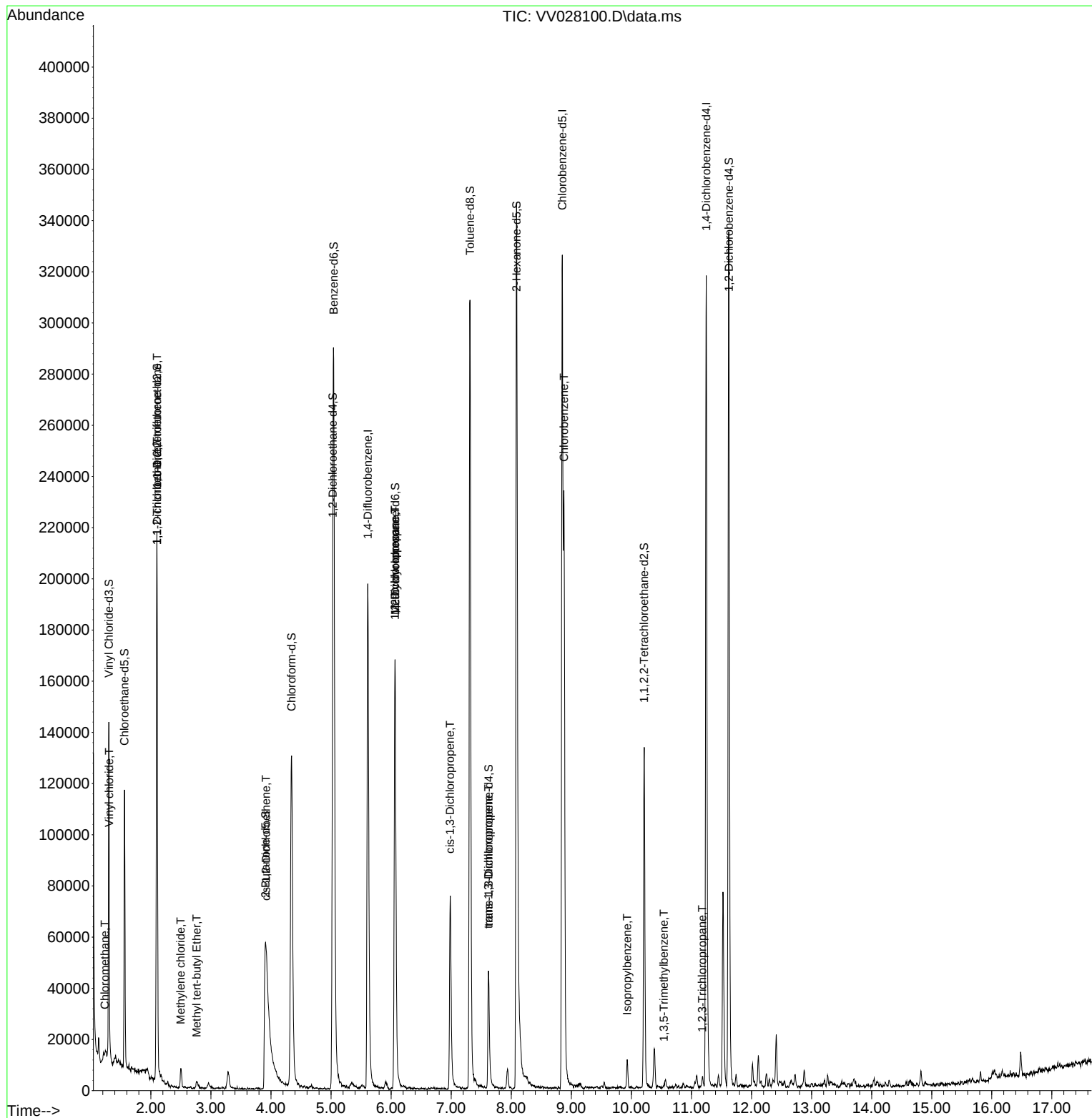
Target Compounds				Qvalue		
3) Chloromethane	1.233	50	892	0.050	ug/L #	40
5) Vinyl chloride	1.307	62	928	0.067	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1265	0.099	ug/L #	21
12) 1,1-Dichloroethene	2.105	96	1057	0.085	ug/L #	1
16) Methylene chloride	2.497	84	3292	0.238	ug/L	83
17) Methyl tert-butyl Ether	2.764	73	2509	0.094	ug/L #	87
22) cis-1,2-Dichloroethene	3.915	96	370	0.026	ug/L	96
35) Methylcyclohexane	6.066	83	21226	1.252	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9516	0.683	ug/L #	88
39) cis-1,3-Dichloropropene	6.982	75	1860	0.108	ug/L #	70
44) trans-1,3-Dichloropropene	7.619	75	1113	0.075	ug/L #	58
51) Chlorobenzene	8.879	112	124473	3.582	ug/L	100
60) Isopropylbenzene	9.931	105	6924	0.138	ug/L #	85
61) 1,2,3-Trichloropropane	11.181	75	592	0.082	ug/L #	42
62) 1,3,5-Trimethylbenzene	10.538	105	467	0.033	ug/L #	75

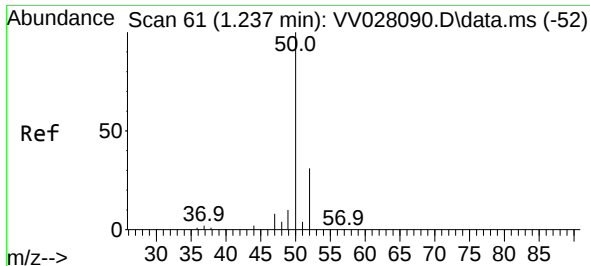
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
Data File : VV028100.D
Acq On : 23 Sep 2022 13:49
Operator : SY/MD
Sample : N4621-13 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 24 01:27:14 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

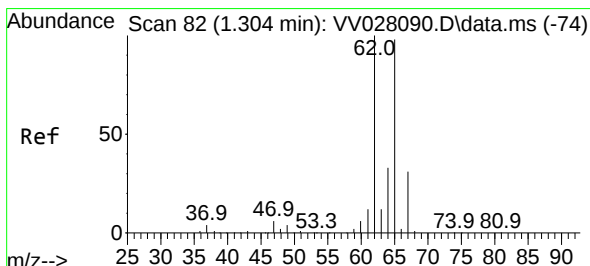
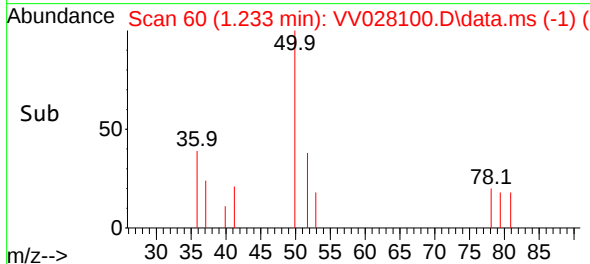
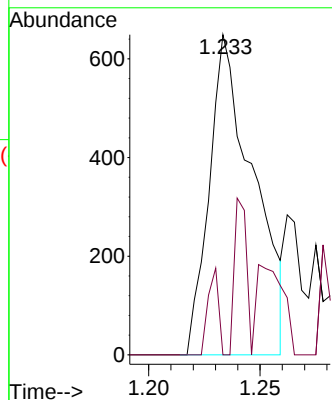
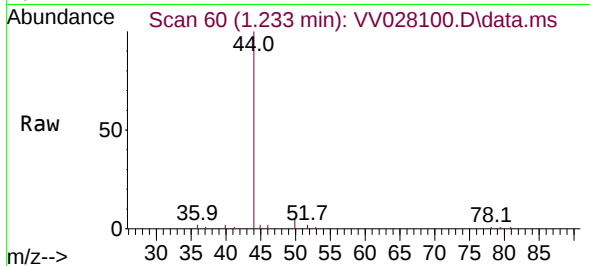




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.233 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

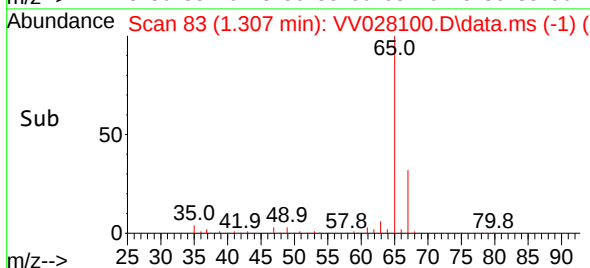
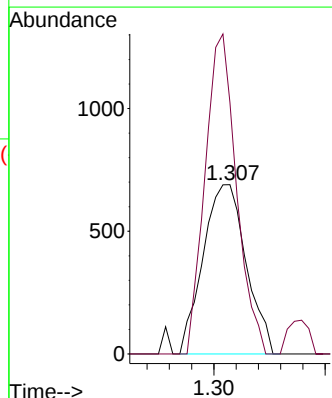
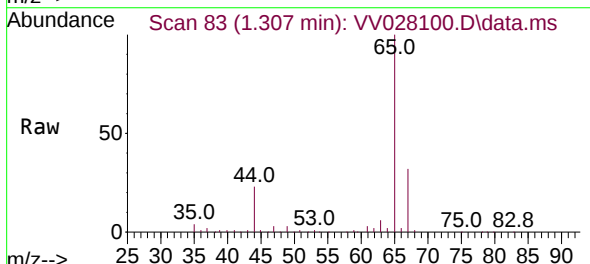
Instrument :
MSVOA_V
ClientSampleId :

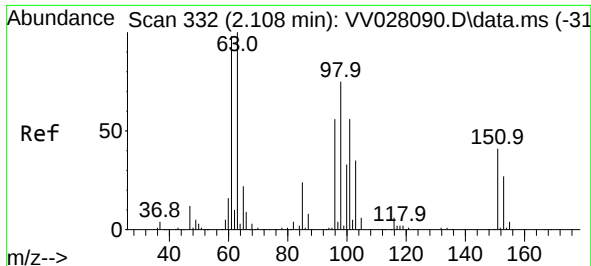
Tgt Ion: 50 Resp: 892
Ion Ratio Lower Upper
50 100
52 0.0 24.4 45.2#



#5
Vinyl chloride
Concen: 0.067 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

Tgt Ion: 62 Resp: 928
Ion Ratio Lower Upper
62 100
64 148.4 23.0 42.8#

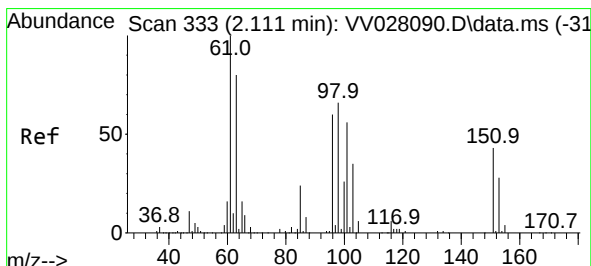
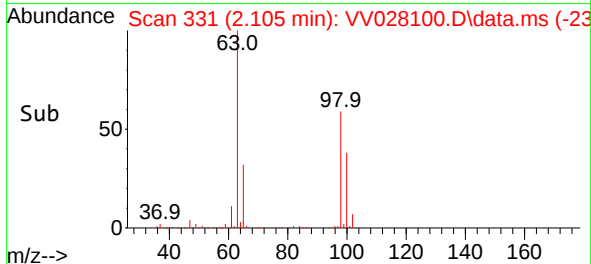
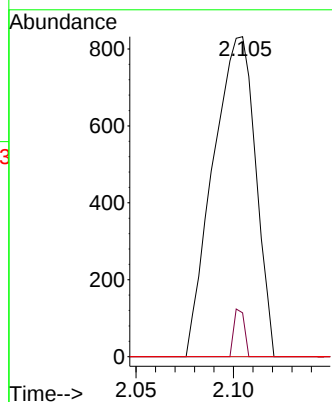
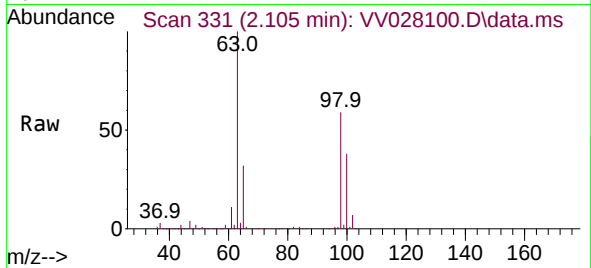




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

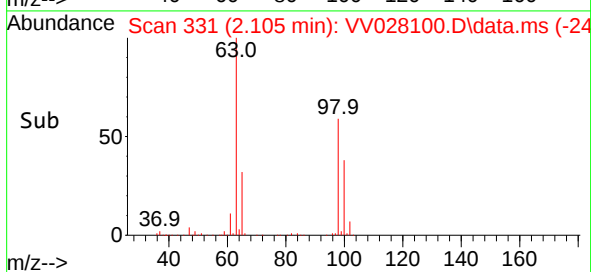
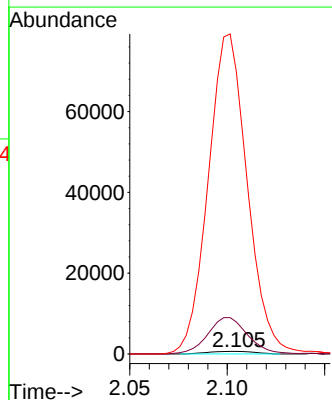
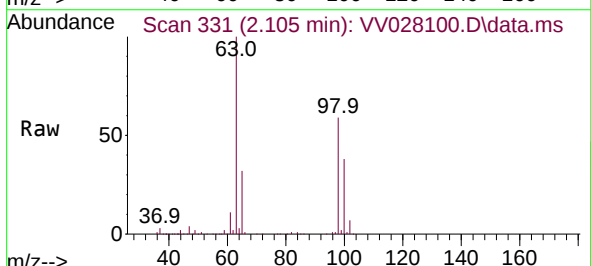
Instrument :
MSVOA_V
ClientSampleId :

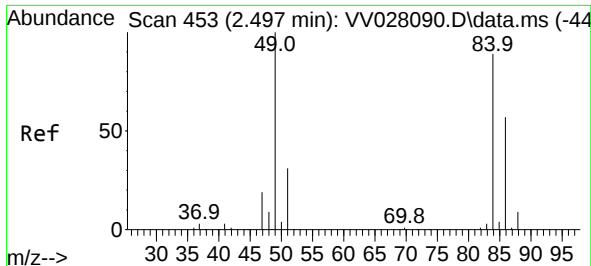
Tgt Ion:101 Resp: 1265
Ion Ratio Lower Upper
101 100
85 3.6 34.4 51.6#
151 0.0 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

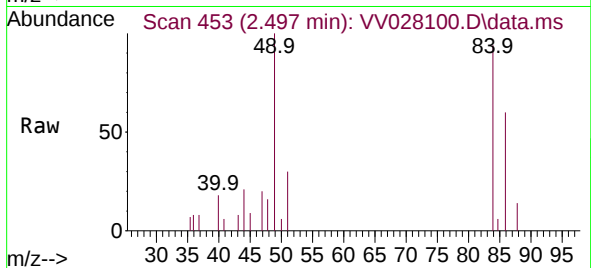
Tgt Ion: 96 Resp: 1057
Ion Ratio Lower Upper
96 100
61 1261.4 128.3 238.3#
63 11102.1 112.7 209.3#





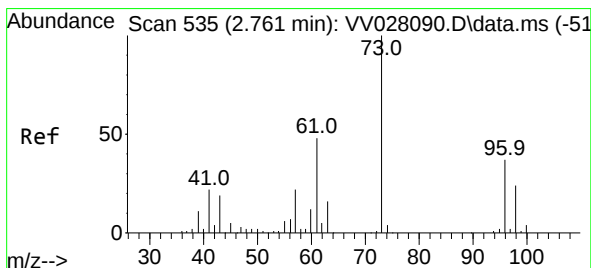
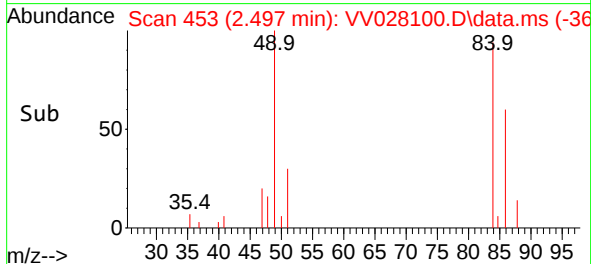
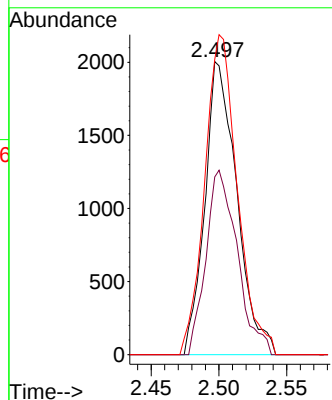
#16
Methylene chloride
Concen: 0.238 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3292

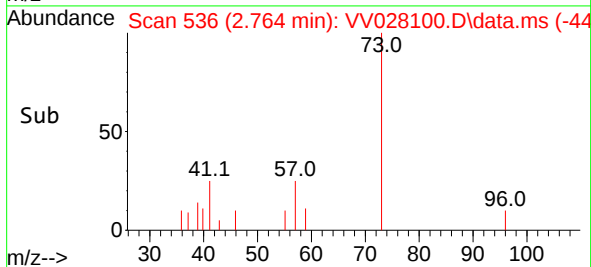
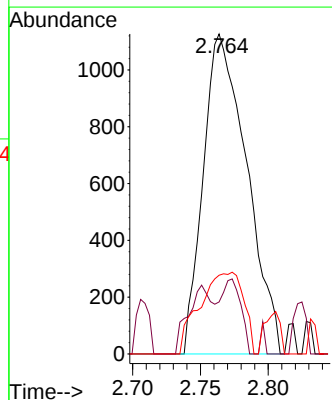
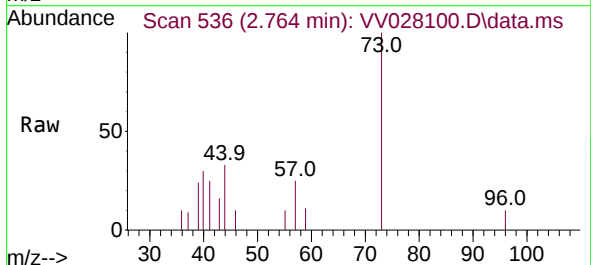
Ion	Ratio	Lower	Upper
84	100		
86	60.6	46.8	86.8
49	100.8	87.5	162.5

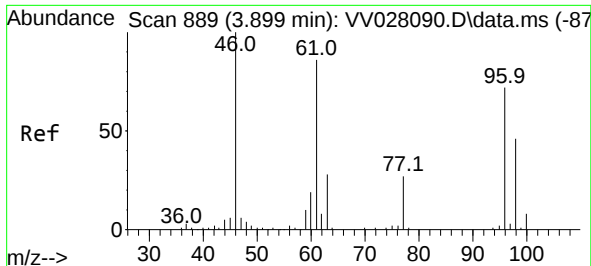


#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

Tgt Ion: 73 Resp: 2509

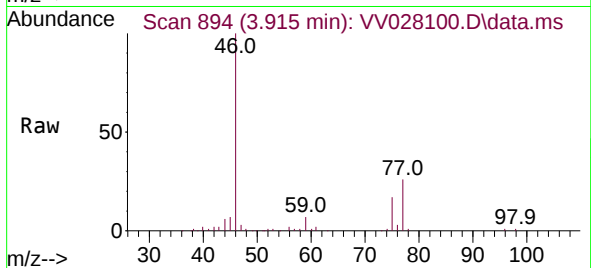
Ion	Ratio	Lower	Upper
73	100		
43	11.0	15.7	23.5#
57	25.7	17.8	26.8



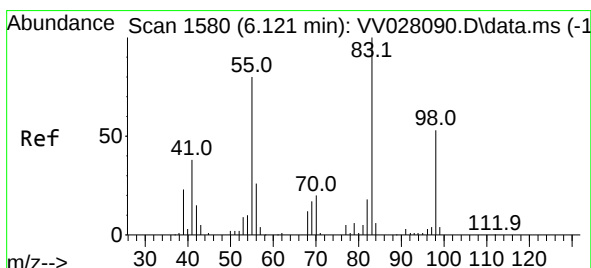
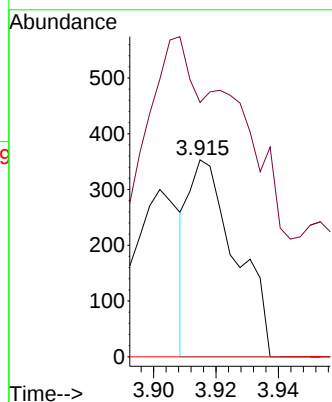
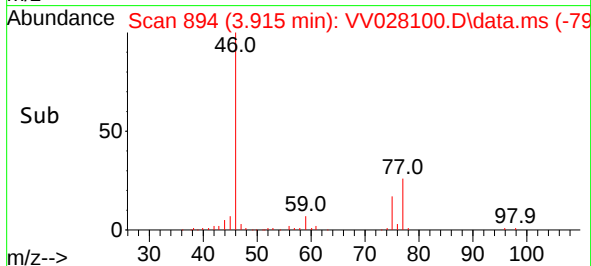


#22
 cis-1,2-Dichloroethene
 Concen: 0.026 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.016 min
 Lab File: VV028100.D
 Acq: 23 Sep 2022 13:49

Instrument :
 MSVOA_V
 ClientSampleId :

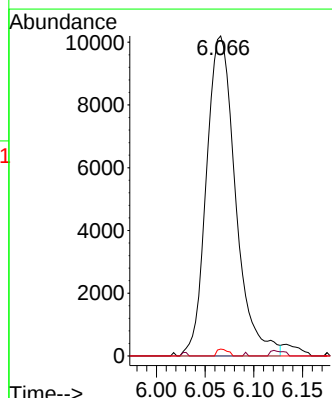
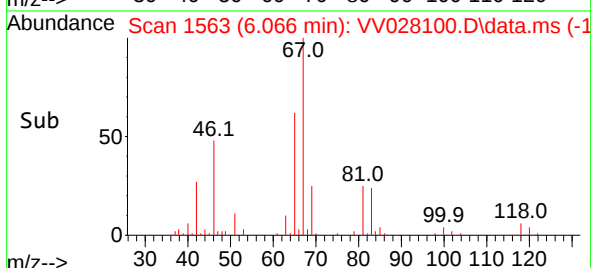
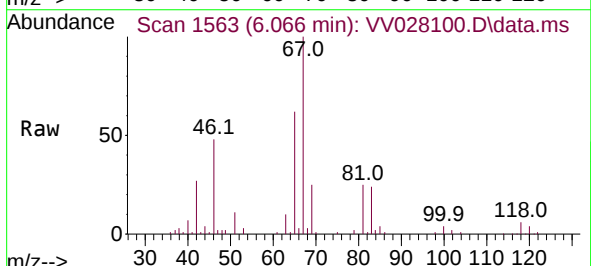


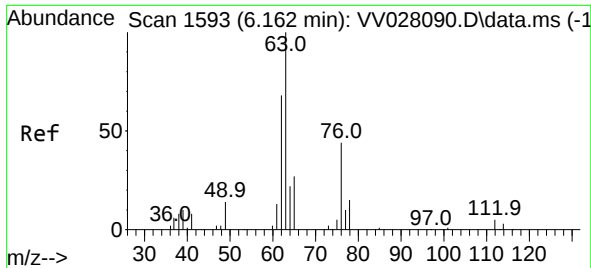
Tgt Ion:	96	Resp:	370
Ion	Ratio	Lower	Upper
96	100		
61	129.2	87.2	161.9
68	0.0	0.0	0.0



#35
 Methylcyclohexane
 Concen: 1.252 ug/L
 RT: 6.066 min Scan# 1563
 Delta R.T. -0.055 min
 Lab File: VV028100.D
 Acq: 23 Sep 2022 13:49

Tgt Ion:	83	Resp:	21226
Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.7	97.1#
98	0.8	39.5	59.3#

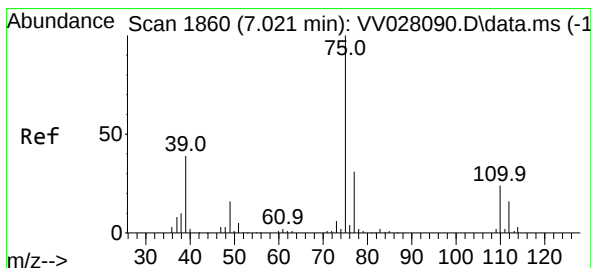
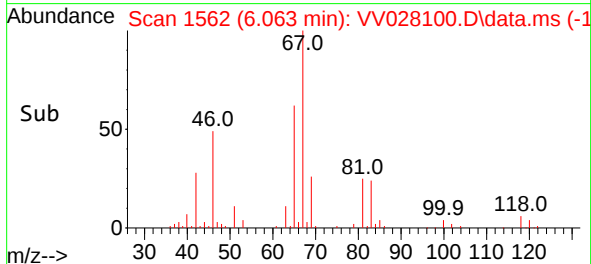
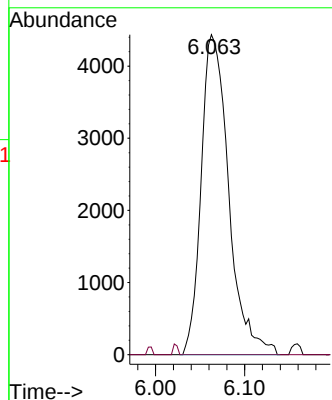
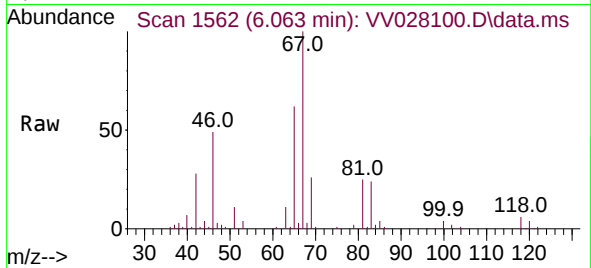




#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

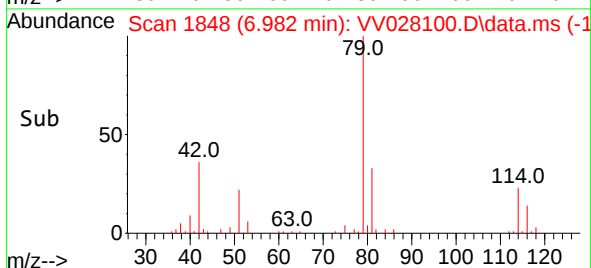
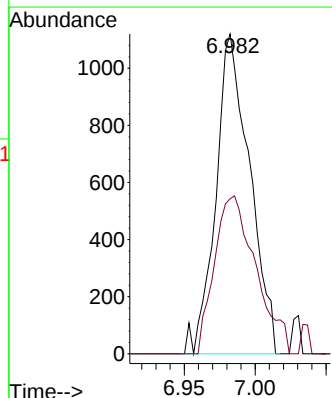
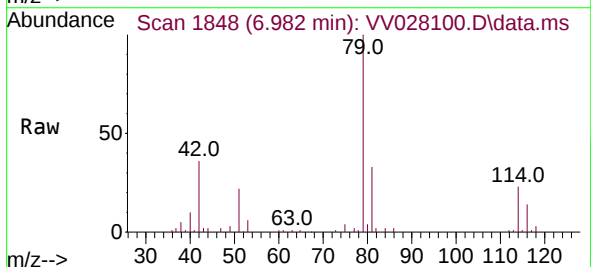
Instrument :
MSVOA_V
ClientSampleId :

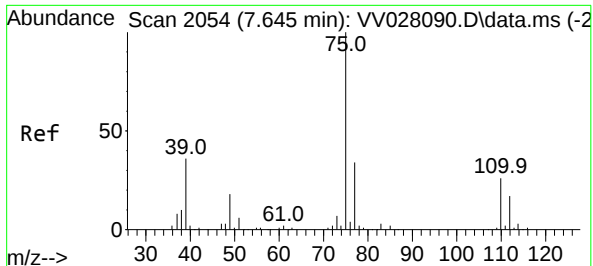
Tgt Ion: 63 Resp: 9516
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

Tgt Ion: 75 Resp: 1860
Ion Ratio Lower Upper
75 100
77 48.5 22.4 41.6#

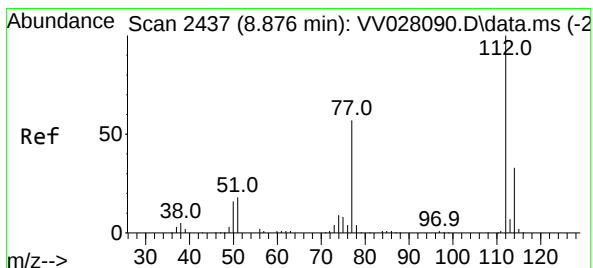
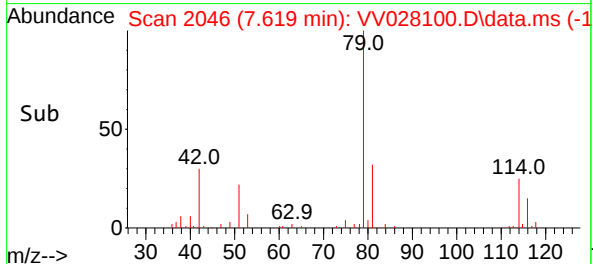
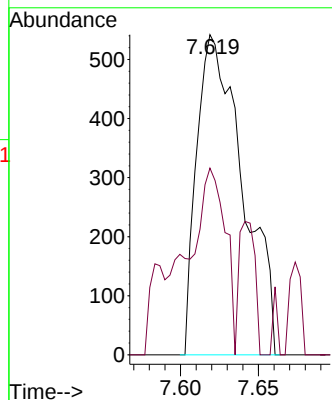
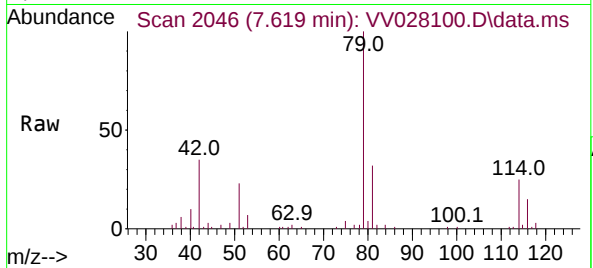




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.619 min Scan# 2054
Delta R.T. -0.026 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

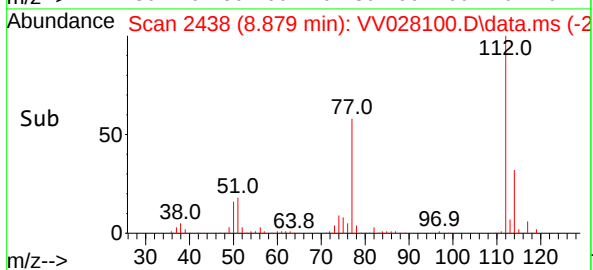
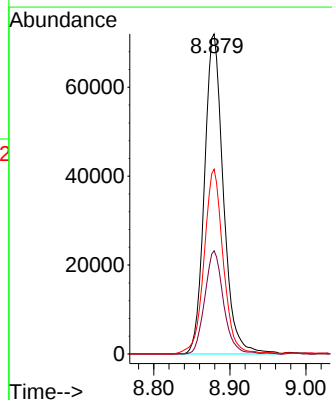
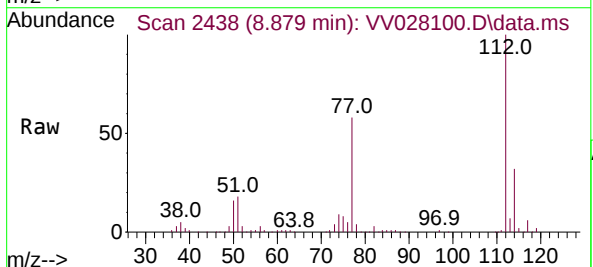
Instrument :
MSVOA_V
ClientSampleId :

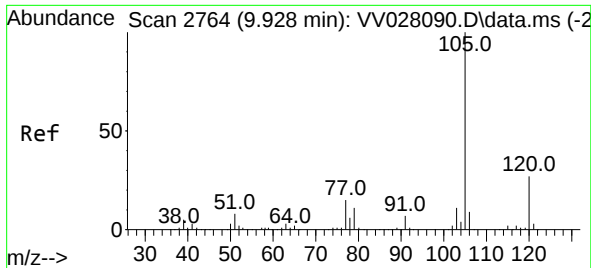
Tgt Ion: 75 Resp: 1113
Ion Ratio Lower Upper
75 100
77 58.3 23.9 44.3#



#51
Chlorobenzene
Concen: 3.582 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

Tgt Ion: 112 Resp: 124473
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 57.8 46.1 69.1

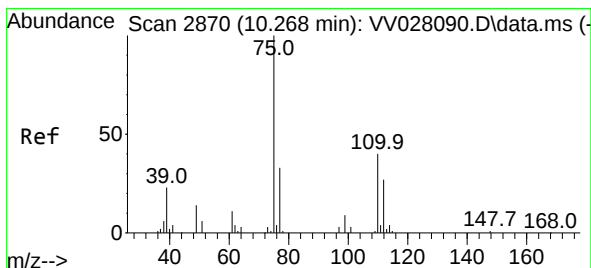
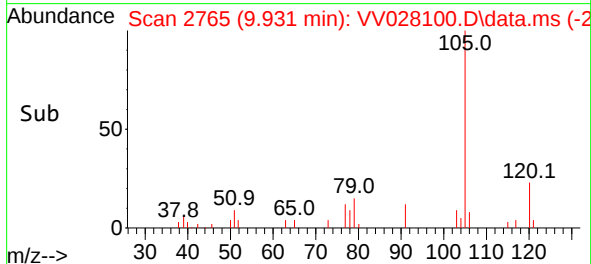
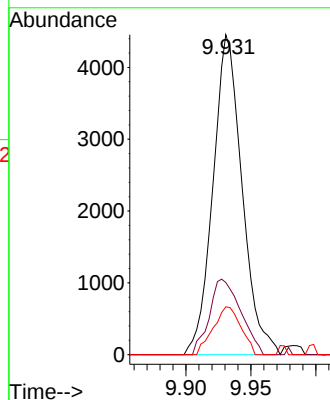
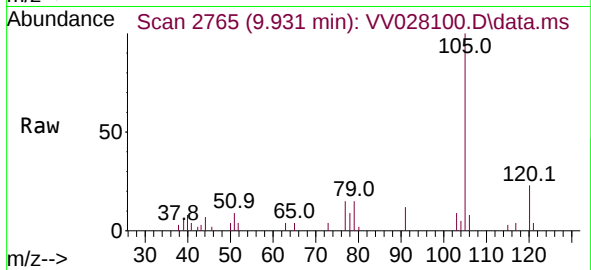




#60
Isopropylbenzene
Concen: 0.138 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

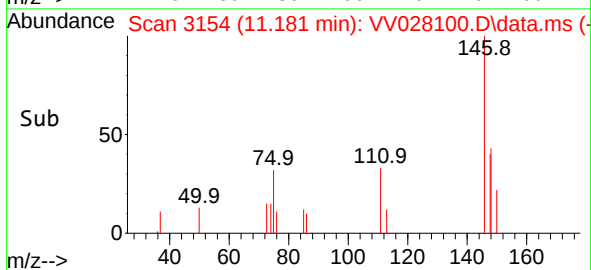
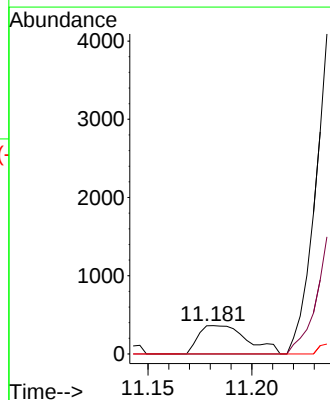
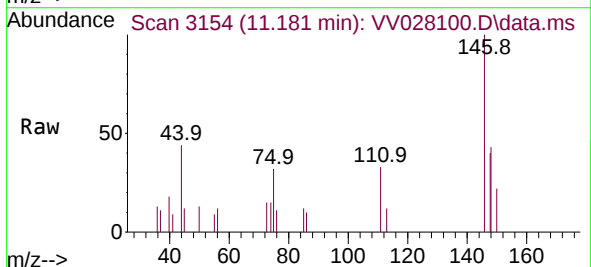
Instrument :
MSVOA_V
ClientSampleId :

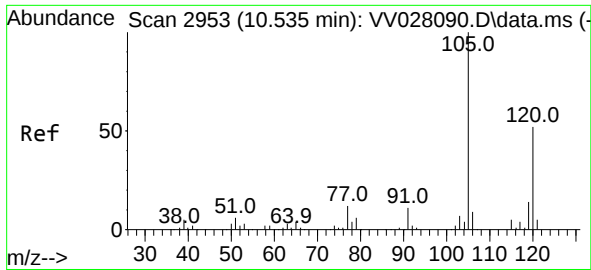
Tgt Ion:105 Resp: 6924
Ion Ratio Lower Upper
105 100
120 25.4 21.4 32.0
77 0.0 12.2 18.4#



#61
1,2,3-Trichloropropane
Concen: 0.082 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.913 min
Lab File: VV028100.D
Acq: 23 Sep 2022 13:49

Tgt Ion: 75 Resp: 592
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 3.5 30.1 45.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV028100.D
 Acq: 23 Sep 2022 13:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 467
 Ion Ratio Lower Upper
 105 100
 120 33.6 40.6 61.0#

