

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033246.D
 Acq On : 12 Dec 2023 04:30
 Operator : SY/MD
 Sample : 05451-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

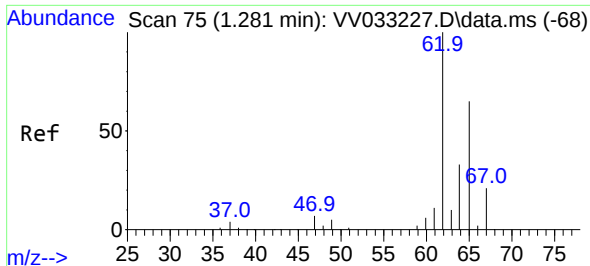
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 05:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	274197	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	275953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	141135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85183	51.968	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.940%
7) Chloroethane-d5	1.532	69	62363	54.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.059	65	33481	53.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.380%
21) 2-Butanone-d5	3.780	46	82415	101.230	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.230%
24) Chloroform-d	4.246	84	176902	50.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.700%
26) 1,2-Dichloroethane-d4	4.937	65	115814	53.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.100%
32) Benzene-d6	4.960	84	340564	52.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.540%
36) 1,2-Dichloropropane-d6	5.985	67	90695	52.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.520%
41) Toluene-d8	7.243	98	322801	52.431	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
43) trans-1,3-Dichloroprop...	7.551	79	51121	46.587	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.180%
47) 2-Hexanone-d5	8.024	63	65280	93.641	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	126480	51.273	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.540%
66) 1,2-Dichlorobenzene-d4	11.561	152	144196	57.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.840%
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	3613	1.906	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	1669	1.136	ug/L #	26
12) 1,1-Dichloroethene	2.072	96	60161	43.764	ug/L	98
13) Acetone	2.108	43	30742	39.554	ug/L	97
19) 1,1-Dichloroethane	3.114	63	11341	3.796	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	21263	11.103	ug/L	92
22) 2-Butanone	3.873	43	28093	28.403	ug/L	92
30) 1,1,1-Trichloroethane	4.516	97	9675	2.837	ug/L	98
34) Trichloroethene	5.831	95	64525	30.886	ug/L	94
37) 1,2-Dichloropropane	6.108	63	1365	0.843	ug/L #	83
39) cis-1,3-Dichloropropene	6.911	75	2951	1.005	ug/L #	51

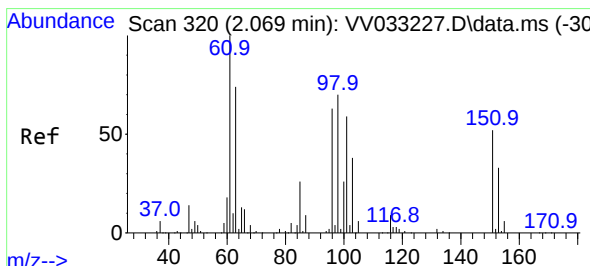
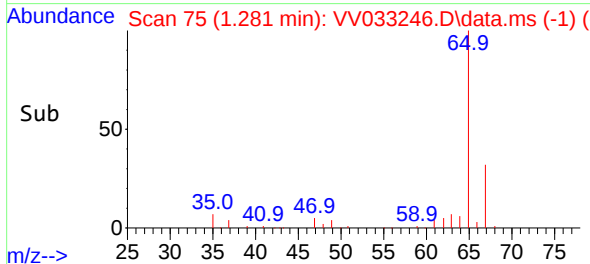
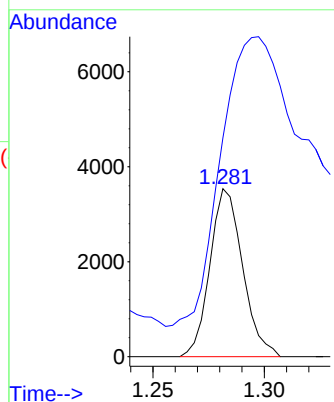
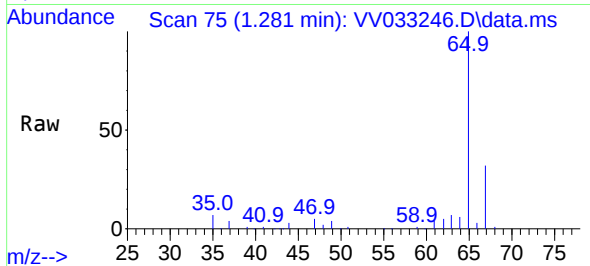
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.906 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV033246.D
 Acq: 12 Dec 2023 04:30

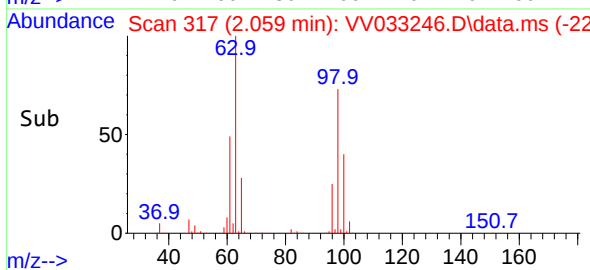
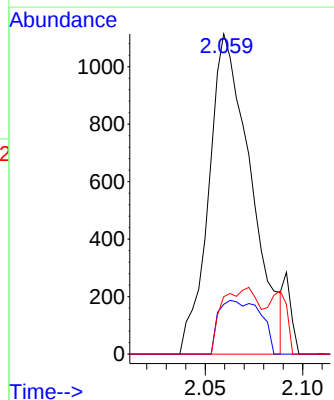
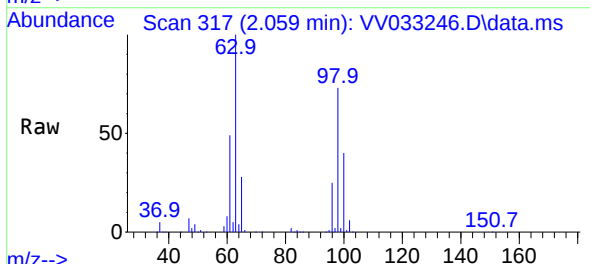
Instrument :
 MSVOA_V
 ClientSampleId :

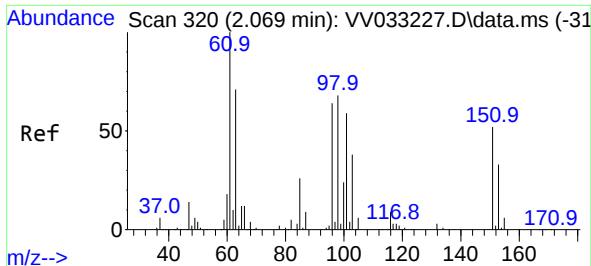
Tgt Ion: 62 Resp: 3613
 Ion Ratio Lower Upper
 62 100
 64 130.3 24.2 45.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.136 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV033246.D
 Acq: 12 Dec 2023 04:30

Tgt Ion: 101 Resp: 1669
 Ion Ratio Lower Upper
 101 100
 85 9.9 36.0 54.0#
 151 8.6 69.1 103.7#





#12

1,1-Dichloroethene

Concen: 43.764 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033246.D

Acq: 12 Dec 2023 04:30

Instrument :

MSVOA_V

ClientSampleId :

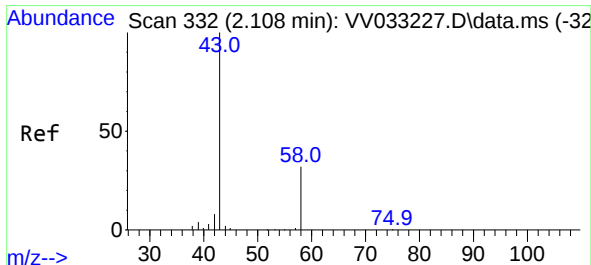
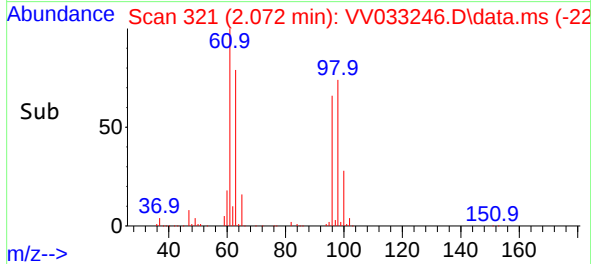
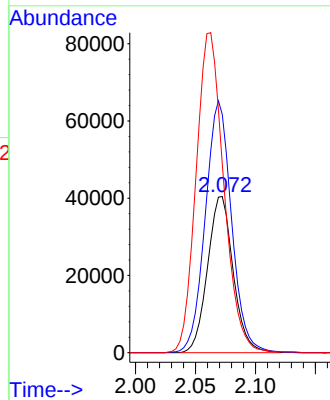
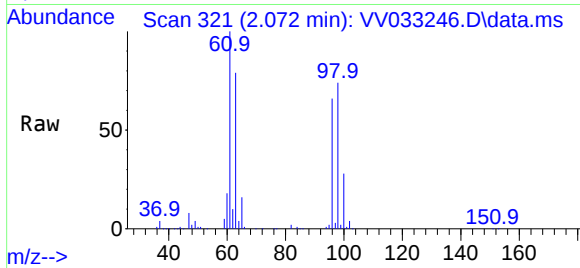
Tgt Ion: 96 Resp: 60161

Ion Ratio Lower Upper

96 100

61 152.6 109.1 202.7

63 120.8 85.3 158.3



#13

Acetone

Concen: 39.554 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV033246.D

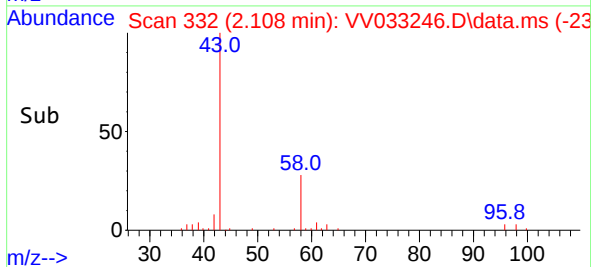
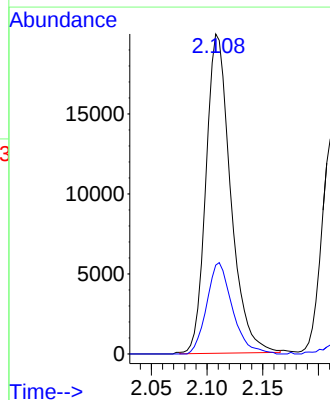
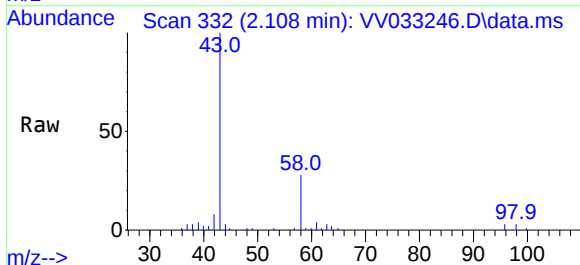
Acq: 12 Dec 2023 04:30

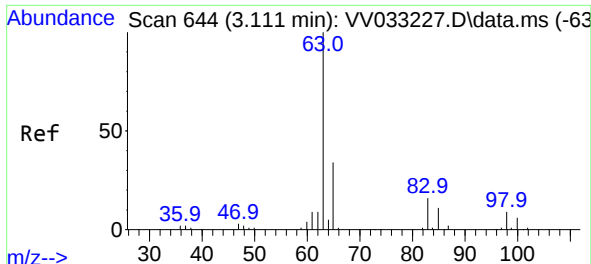
Tgt Ion: 43 Resp: 30742

Ion Ratio Lower Upper

43 100

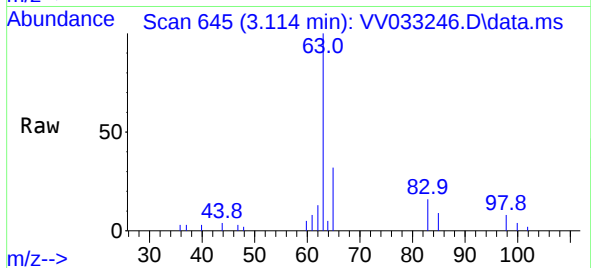
58 29.8 0.0 62.8





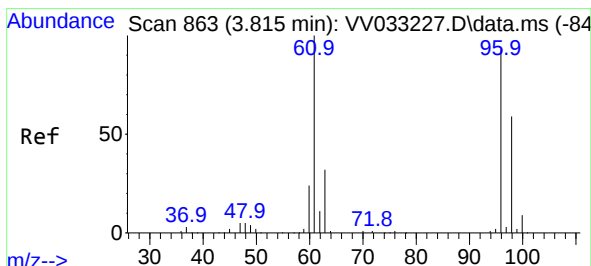
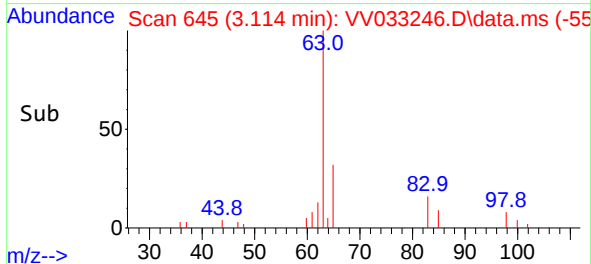
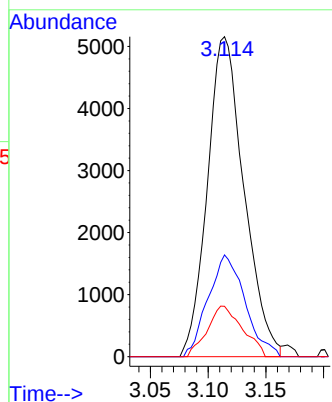
#19
1,1-Dichloroethane
Concen: 3.796 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV033246.D
Acq: 12 Dec 2023 04:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 11341

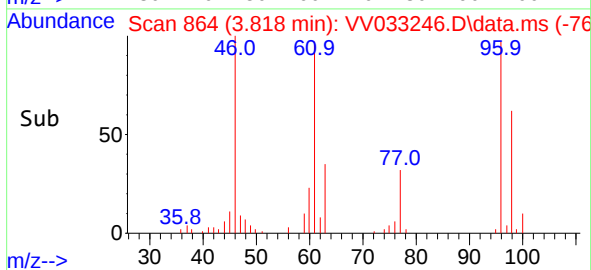
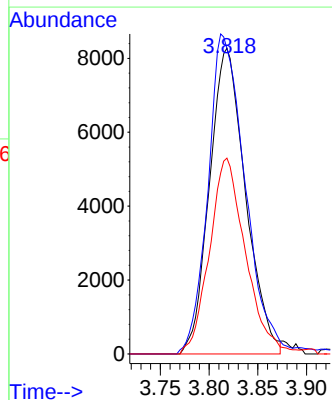
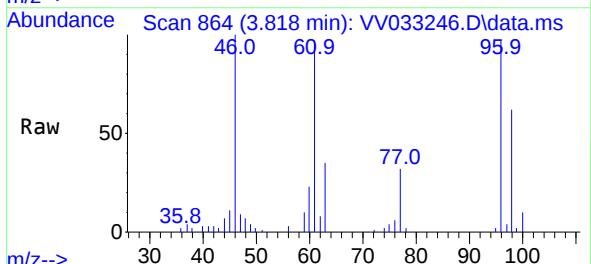
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.6
83	15.7	11.4	21.2

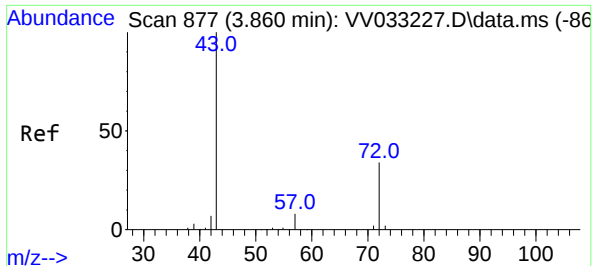


#20
cis-1,2-Dichloroethene
Concen: 11.103 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV033246.D
Acq: 12 Dec 2023 04:30

Tgt Ion: 96 Resp: 21263

Ion	Ratio	Lower	Upper
96	100		
61	99.9	79.1	146.9
98	64.0	45.1	83.7

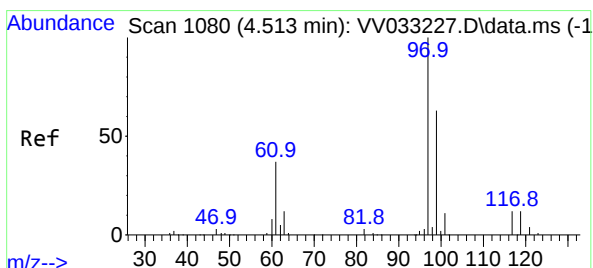
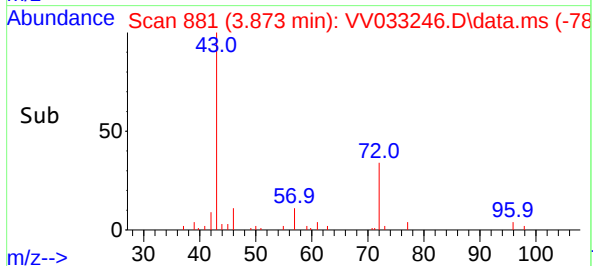
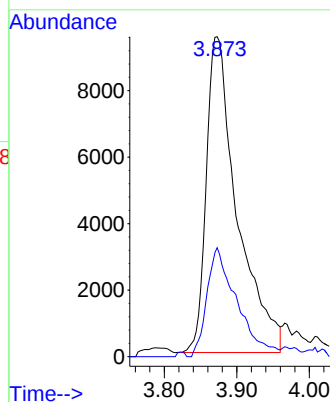
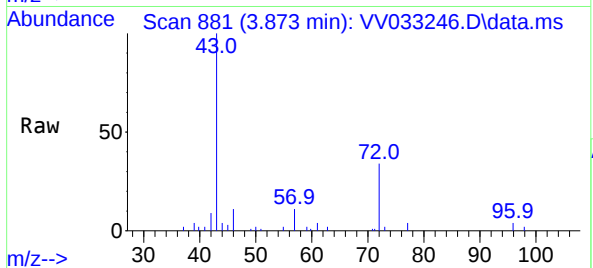




#22
2-Butanone
Concen: 28.403 ug/L
RT: 3.873 min Scan# 81
Delta R.T. 0.016 min
Lab File: VV033246.D
Acq: 12 Dec 2023 04:30

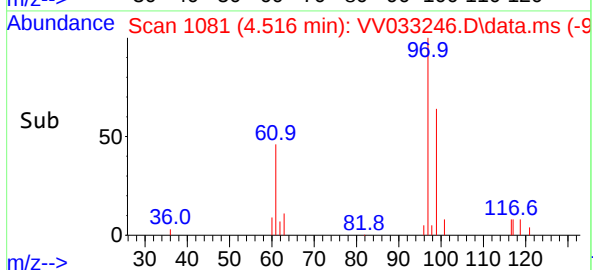
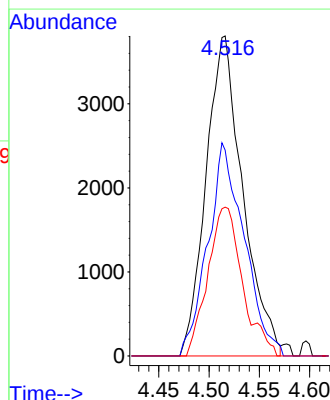
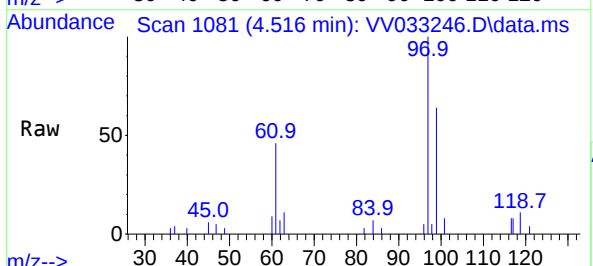
Instrument :
MSVOA_V
ClientSampleId :

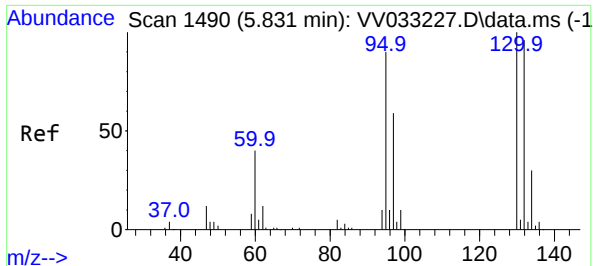
Tgt Ion: 43 Resp: 28093
Ion Ratio Lower Upper
43 100
72 33.6 14.6 43.8



#30
1,1,1-Trichloroethane
Concen: 2.837 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV033246.D
Acq: 12 Dec 2023 04:30

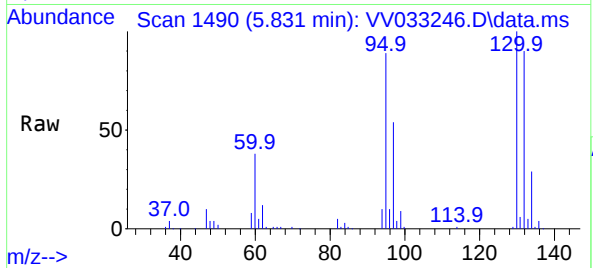
Tgt Ion: 97 Resp: 9675
Ion Ratio Lower Upper
97 100
99 65.9 51.3 76.9
61 40.2 31.8 47.8



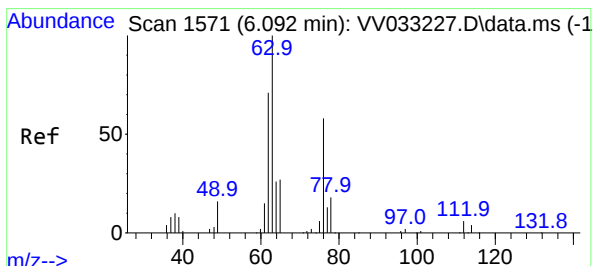
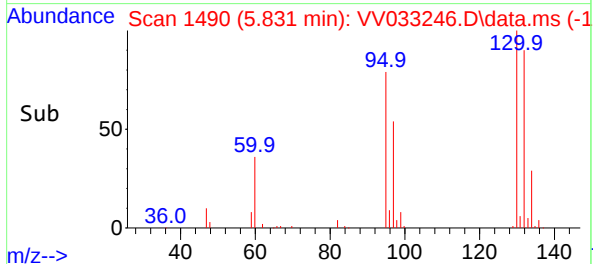
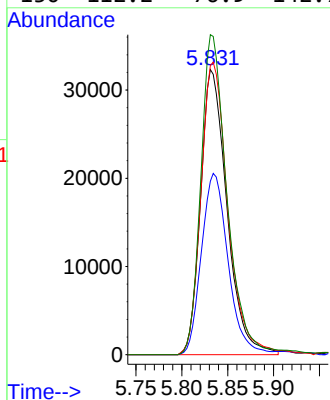


#34
Trichloroethene
Concen: 30.886 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033246.D
Acq: 12 Dec 2023 04:30

Instrument :
MSVOA_V
ClientSampleId :

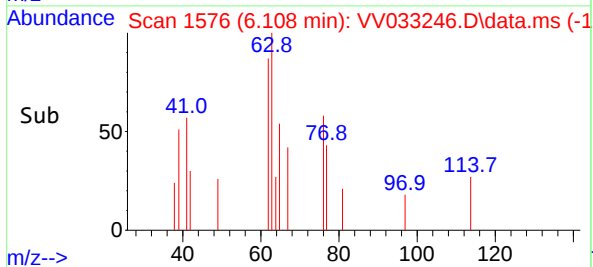
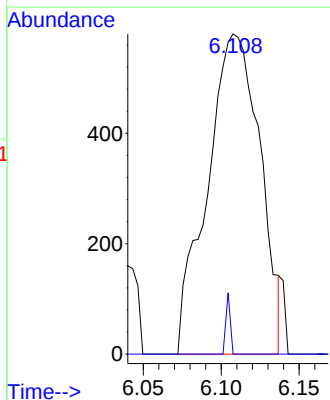
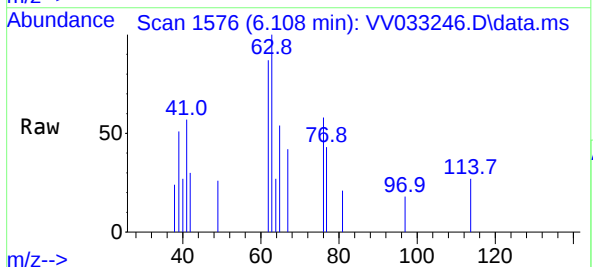


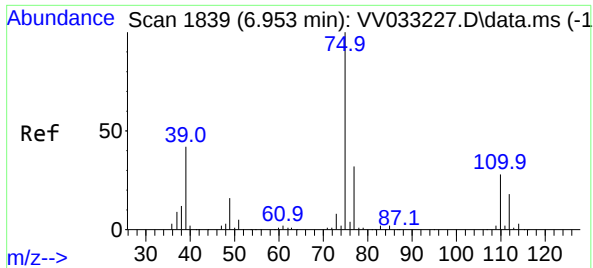
Tgt Ion: 95 Resp: 64525
Ion Ratio Lower Upper
95 100
97 60.8 45.8 85.0
132 101.4 77.4 143.8
130 112.2 76.9 142.7



#37
1,2-Dichloropropane
Concen: 0.843 ug/L
RT: 6.108 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VV033246.D
Acq: 12 Dec 2023 04:30

Tgt Ion: 63 Resp: 1365
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39
cis-1,3-Dichloropropene
Concen: 1.005 ug/L
RT: 6.911 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV033246.D
Acq: 12 Dec 2023 04:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	75	Resp:	2951
Ion	Ratio	Lower	Upper
75	100		
77	59.5	22.4	41.6#

