

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033247.D
 Acq On : 12 Dec 2023 04:53
 Operator : SY/MD
 Sample : 05751-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 06:55:15 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)

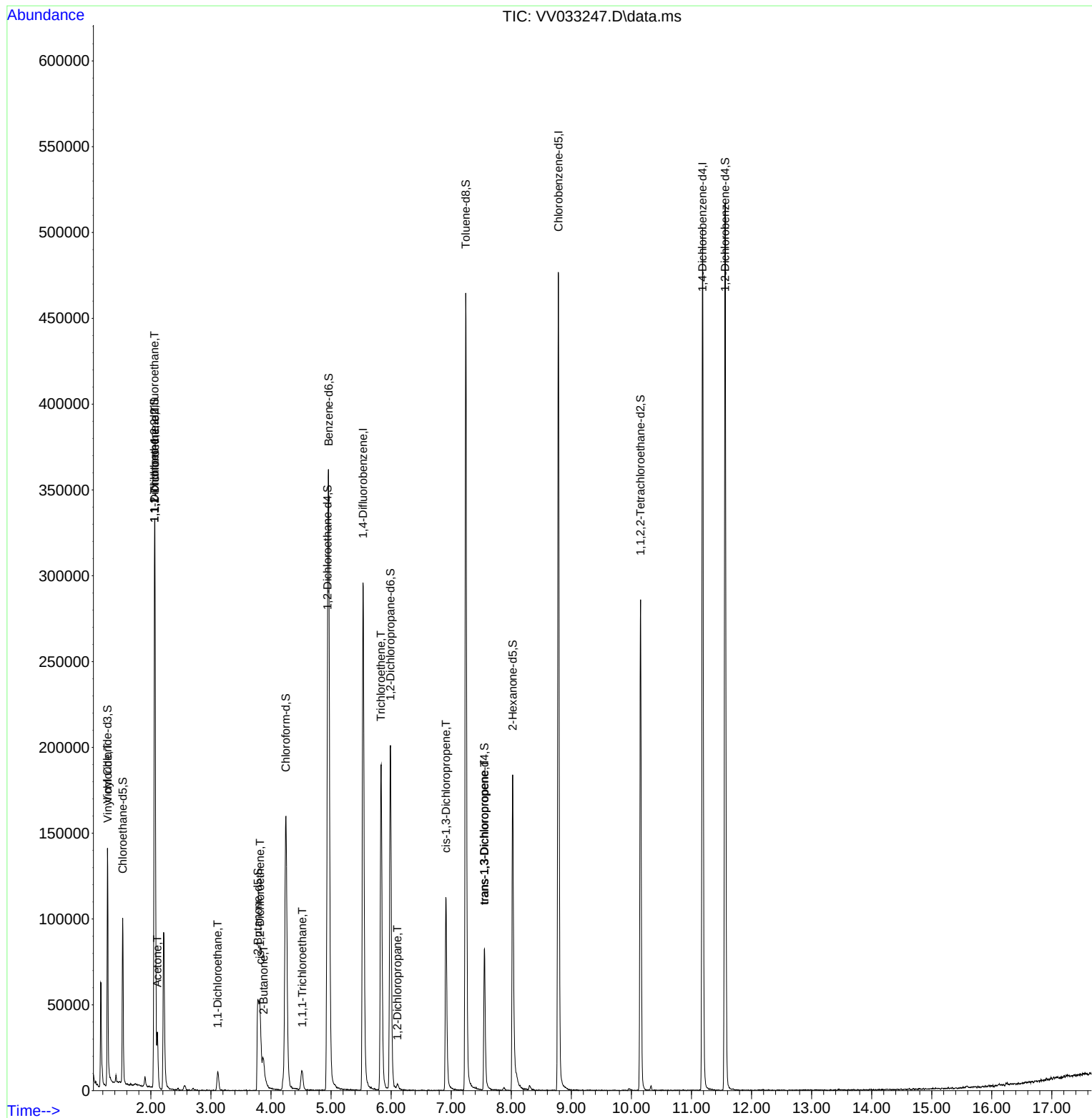
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	276305	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	275698	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84001	50.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.720%
7) Chloroethane-d5	1.532	69	61064	53.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.120%
11) 1,1-Dichloroethene-d2	2.059	65	33577	53.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.880%
21) 2-Butanone-d5	3.780	46	80474	98.092	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.090%
24) Chloroform-d	4.246	84	175248	49.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
26) 1,2-Dichloroethane-d4	4.940	65	114202	52.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.800%
32) Benzene-d6	4.960	84	335369	52.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.020%
36) 1,2-Dichloropropane-d6	5.989	67	89586	51.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.340%
41) Toluene-d8	7.243	98	317958	51.692	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
43) trans-1,3-Dichloroprop...	7.551	79	49537	45.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.380%
47) 2-Hexanone-d5	8.024	63	62269	89.404	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	122135	49.557	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	143607	56.247	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.500%
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	3632	1.901	ug/L #	19
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	1490	1.007	ug/L #	18
12) 1,1-Dichloroethene	2.069	96	59654	43.064	ug/L	87
13) Acetone	2.108	43	29935	38.222	ug/L	98
19) 1,1-Dichloroethane	3.111	63	11083	3.682	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	22322	11.567	ug/L	97
22) 2-Butanone	3.876	43	27062	27.152	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	10402	3.053	ug/L #	75
34) Trichloroethene	5.831	95	66332	31.780	ug/L	97
37) 1,2-Dichloropropane	6.101	63	1024	0.633	ug/L #	83
39) cis-1,3-Dichloropropene	6.911	75	3504	1.194	ug/L #	73
44) trans-1,3-Dichloropropene	7.554	75	2352	0.793	ug/L	86

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

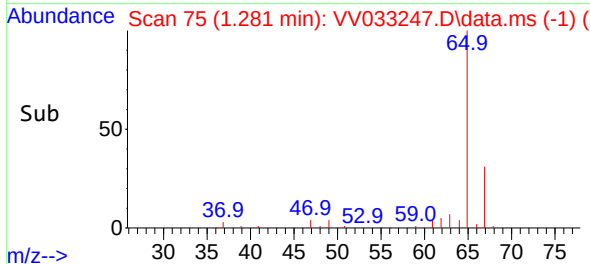
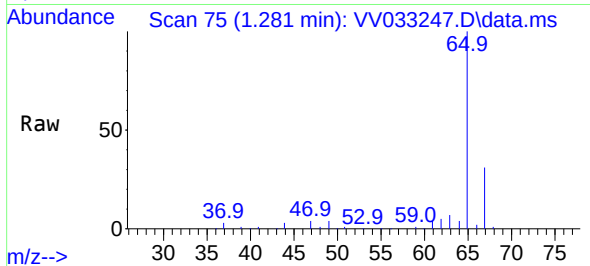
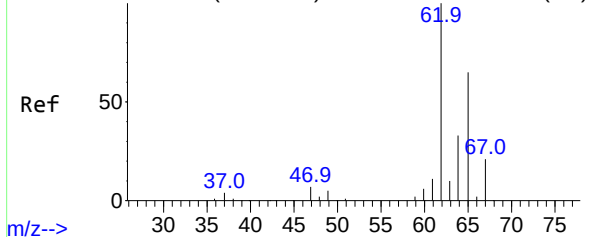
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121123\
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Acq On : 12 Dec 2023 04:53
Operator : SY/MD
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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration



Abundance Scan 75 (1.281 min): VV033227.D\data.ms (-68)



#5

Vinyl chloride

Concen: 1.901 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV033247.D

Acq: 12 Dec 2023 04:53

Instrument :

MSVOA_V

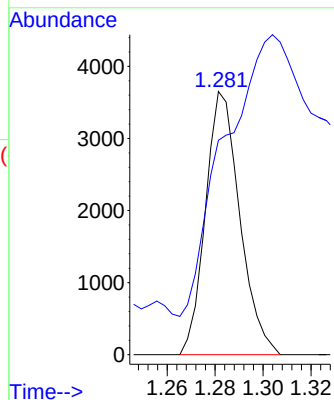
ClientSampleId :

Tgt Ion: 62 Resp: 3632

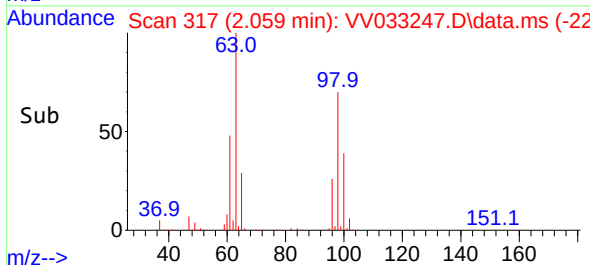
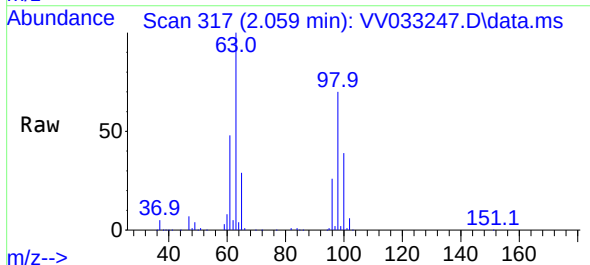
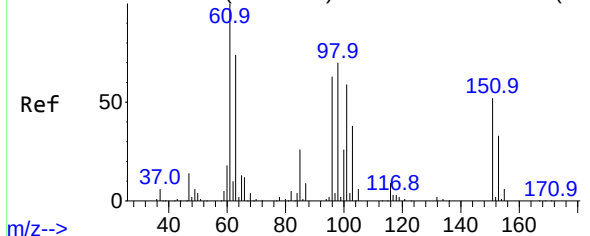
Ion Ratio Lower Upper

62 100

64 81.5 24.2 45.0#



Abundance Scan 320 (2.069 min): VV033227.D\data.ms (-30)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.007 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.010 min

Lab File: VV033247.D

Acq: 12 Dec 2023 04:53

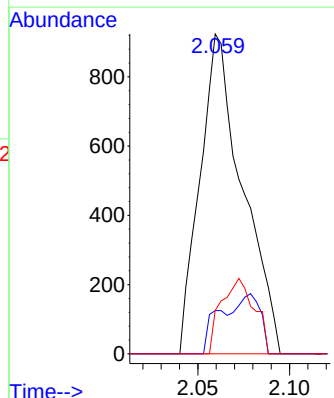
Tgt Ion: 101 Resp: 1490

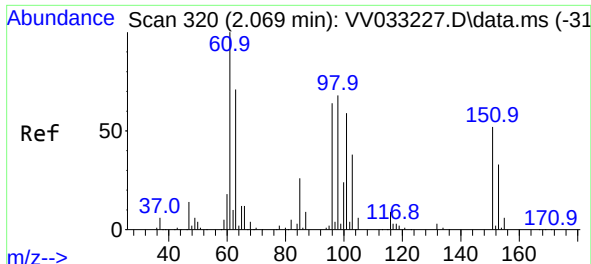
Ion Ratio Lower Upper

101 100

85 6.2 36.0 54.0#

151 0.0 69.1 103.7#





#12

1,1-Dichloroethene

Concen: 43.064 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

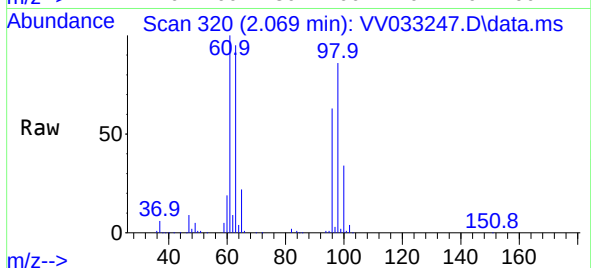
Lab File: VV033247.D

Acq: 12 Dec 2023 04:53

Instrument :

MSVOA_V

ClientSampleId :



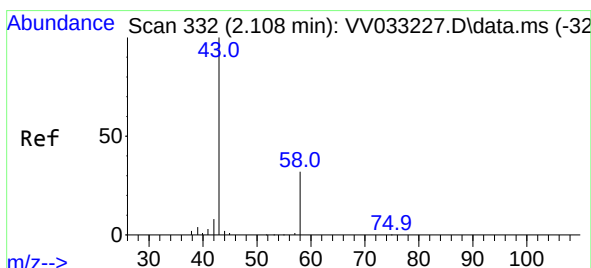
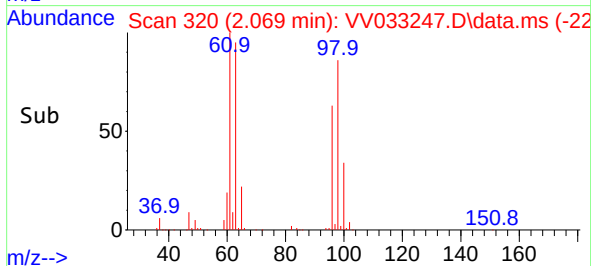
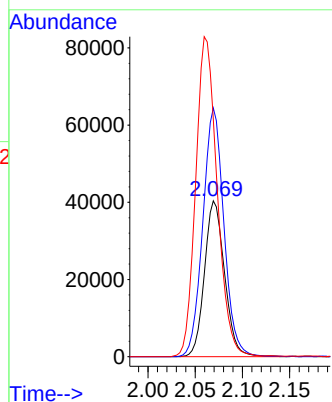
Tgt Ion: 96 Resp: 59654

Ion Ratio Lower Upper

96 100

61 159.5 109.1 202.7

63 152.3 85.3 158.3



#13

Acetone

Concen: 38.222 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV033247.D

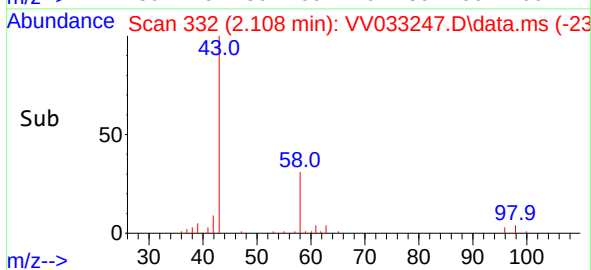
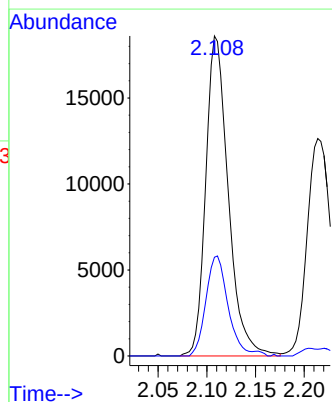
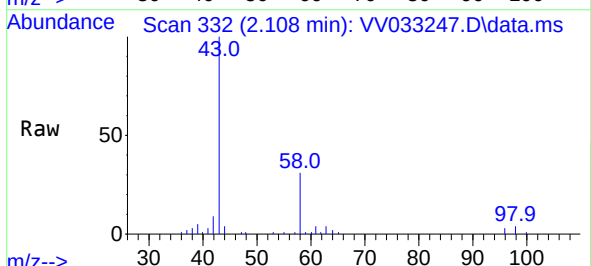
Acq: 12 Dec 2023 04:53

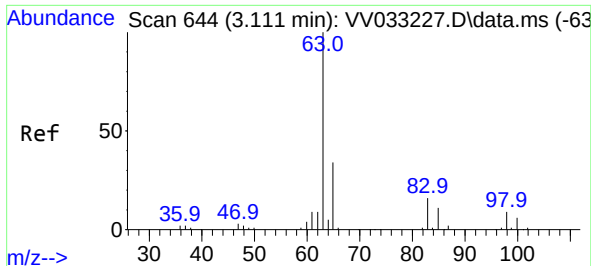
Tgt Ion: 43 Resp: 29935

Ion Ratio Lower Upper

43 100

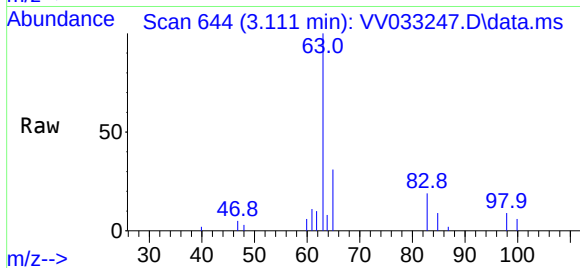
58 30.4 0.0 62.8





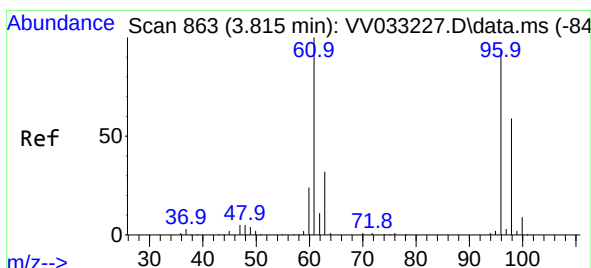
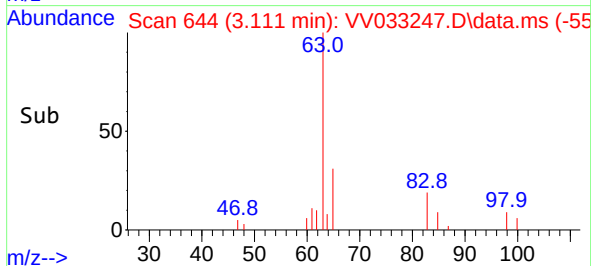
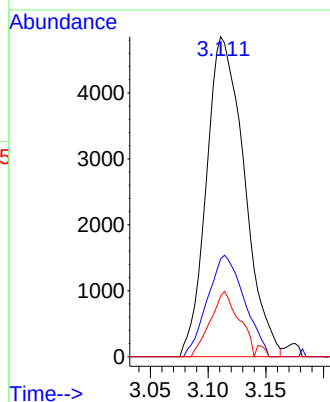
#19
1,1-Dichloroethane
Concen: 3.682 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 11083

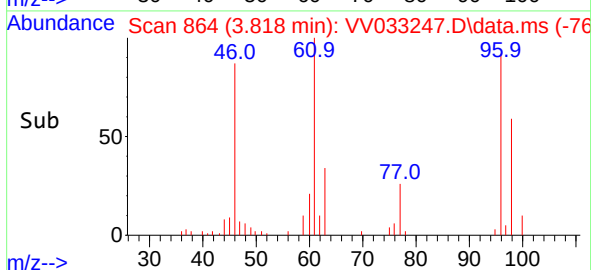
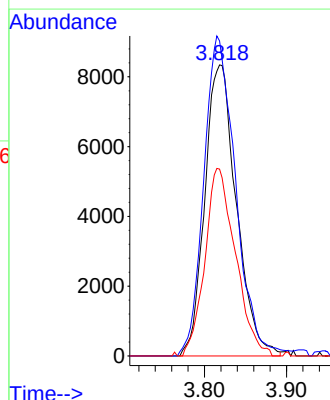
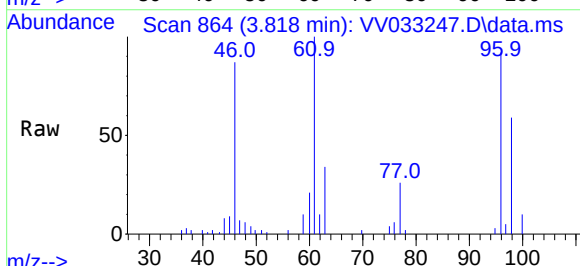
Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.0	42.6
83	19.0	11.4	21.2

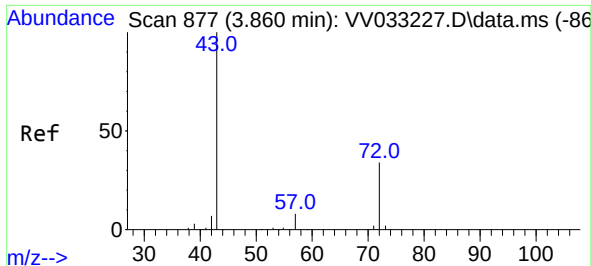


#20
cis-1,2-Dichloroethene
Concen: 11.567 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

Tgt Ion: 96 Resp: 22322

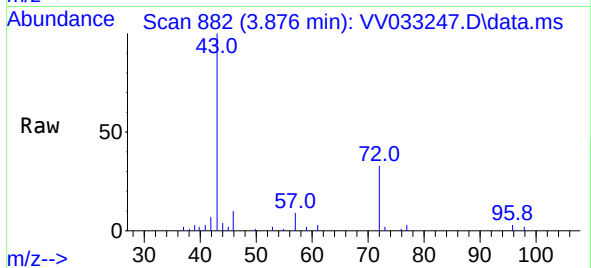
Ion	Ratio	Lower	Upper
96	100		
61	108.2	79.1	146.9
98	64.2	45.1	83.7



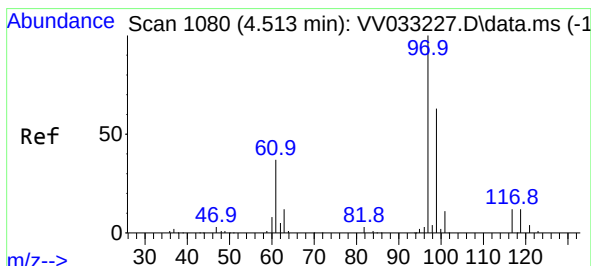
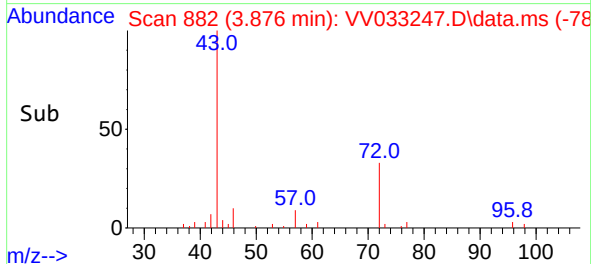
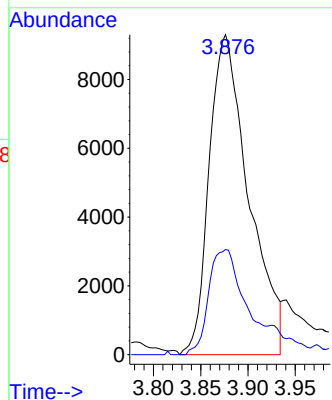


#22
2-Butanone
Concen: 27.152 ug/L
RT: 3.876 min Scan# 81
Delta R.T. 0.019 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

Instrument :
MSVOA_V
ClientSampleId :

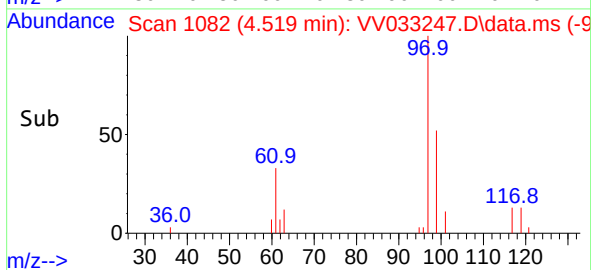
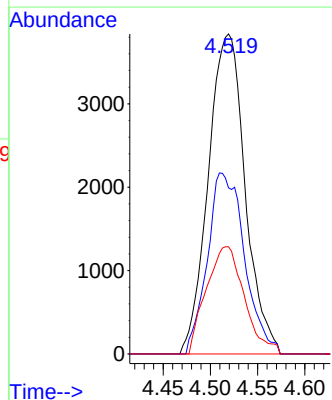
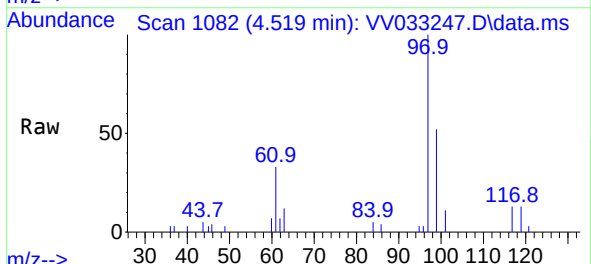


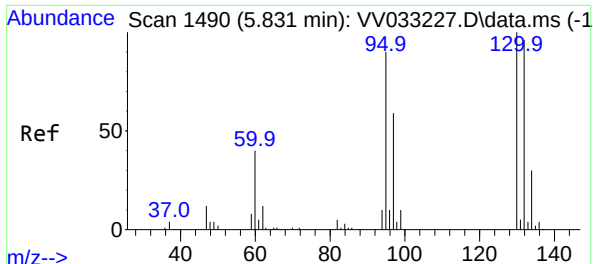
Tgt Ion: 43 Resp: 27062
Ion Ratio Lower Upper
43 100
72 29.5 14.6 43.8



#30
1,1,1-Trichloroethane
Concen: 3.053 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.010 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

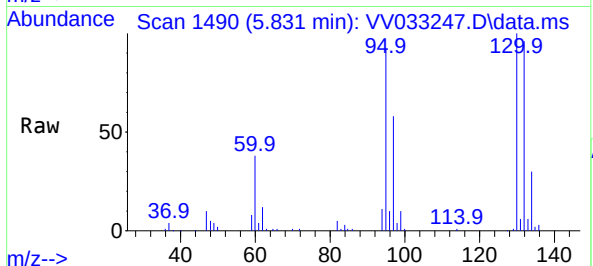
Tgt Ion: 97 Resp: 10402
Ion Ratio Lower Upper
97 100
99 36.5 51.3 76.9#
61 34.7 31.8 47.8





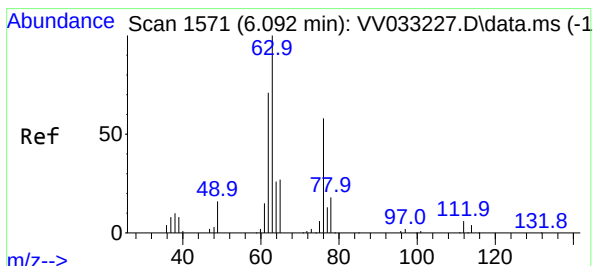
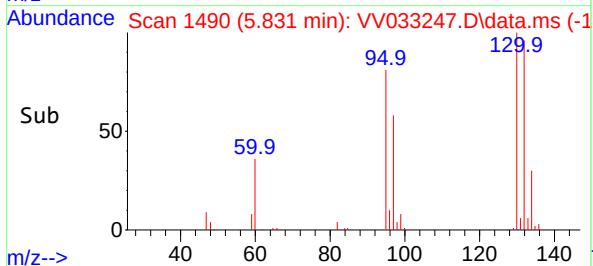
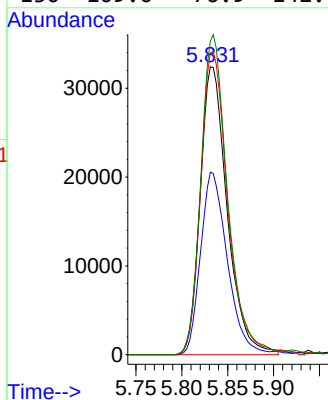
#34
Trichloroethene
Concen: 31.780 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 66332

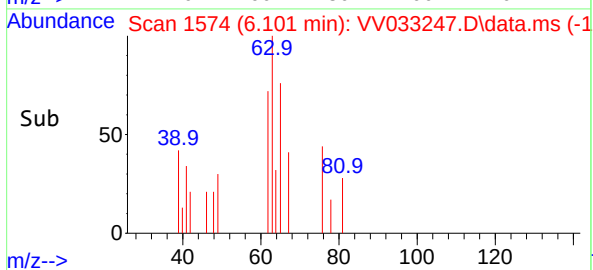
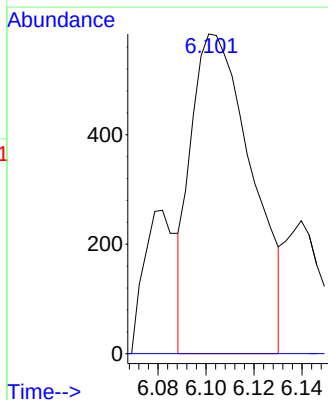
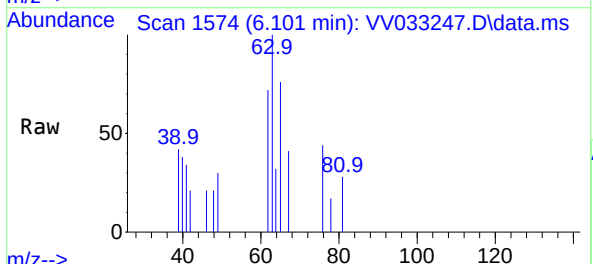
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.8	85.0
132	104.8	77.4	143.8
130	109.0	76.9	142.7

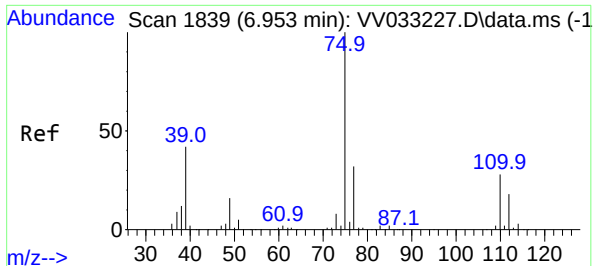


#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.101 min Scan# 1574
Delta R.T. 0.010 min
Lab File: VV033247.D
Acq: 12 Dec 2023 04:53

Tgt Ion: 63 Resp: 1024

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.6	6.8#





#39

cis-1,3-Dichloropropene

Concen: 1.194 ug/L

RT: 6.911 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033247.D

Acq: 12 Dec 2023 04:53

Instrument :

MSVOA_V

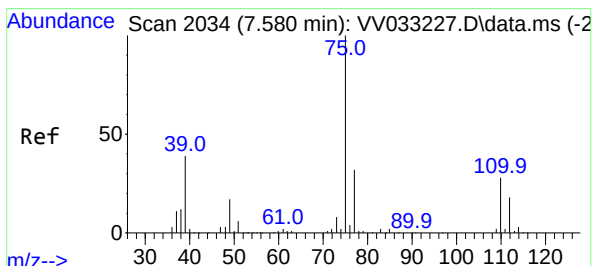
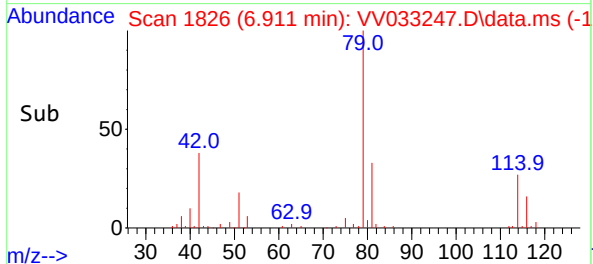
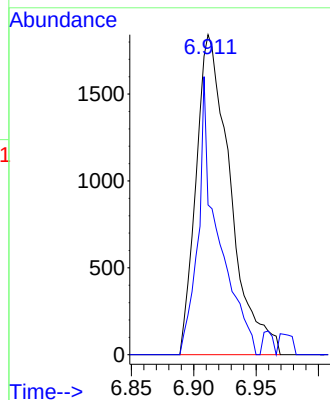
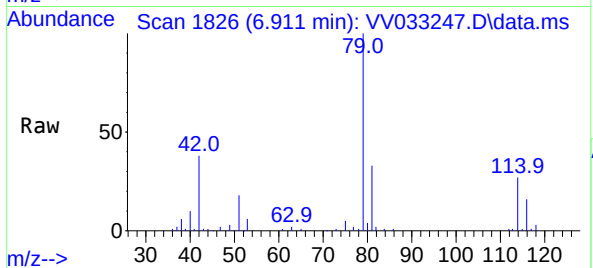
ClientSampleId :

Tgt Ion: 75 Resp: 3504

Ion Ratio Lower Upper

75 100

77 46.8 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.793 ug/L

RT: 7.554 min Scan# 2026

Delta R.T. -0.026 min

Lab File: VV033247.D

Acq: 12 Dec 2023 04:53

Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

75 100

77 39.4 22.0 41.0

