

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033422.D
 Acq On : 16 Dec 2023 10:15
 Operator : SY/MD
 Sample : 05846-14DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

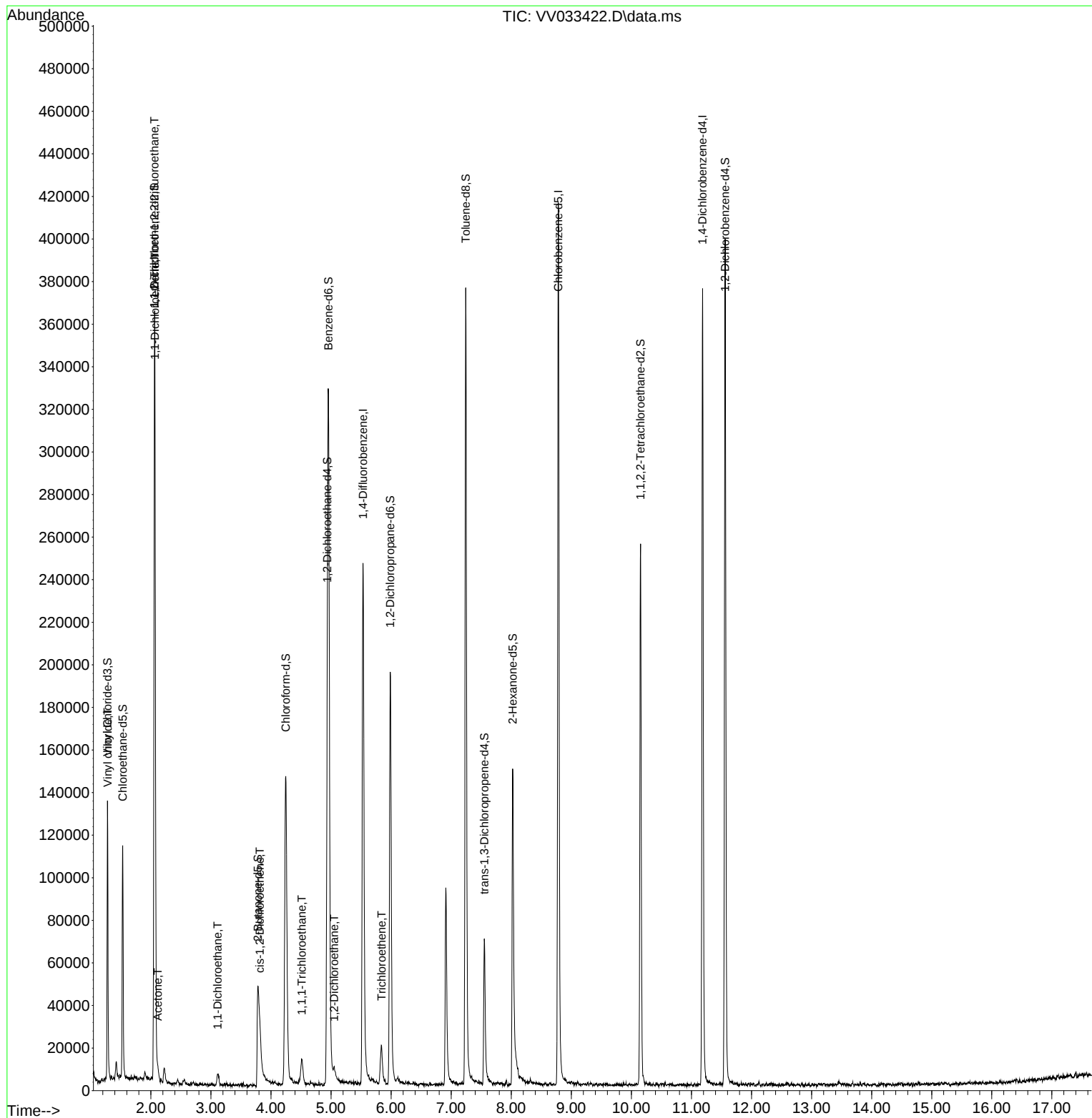
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	211270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	223384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	93800	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79244	48.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.420%
7) Chloroethane-d5	1.532	69	70656	48.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.780%
11) 1,1-Dichloroethene-d2	2.060	65	37691	46.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.080%
21) 2-Butanone-d5	3.783	46	72022	87.834	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.830%
24) Chloroform-d	4.246	84	154907	48.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
26) 1,2-Dichloroethane-d4	4.937	65	99973	50.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
32) Benzene-d6	4.957	84	289285	48.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
36) 1,2-Dichloropropane-d6	5.986	67	88978	48.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.460%
41) Toluene-d8	7.243	98	245217	44.543	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.080%
43) trans-1,3-Dichloroprop...	7.551	79	39379	44.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.000%
47) 2-Hexanone-d5	8.024	63	48644	79.203	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.200%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	117097	44.618	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	11.561	152	97474	55.300	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	2751	1.606	ug/L #	23
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1855	1.058	ug/L #	49
12) 1,1-Dichloroethene	2.069	96	57235	38.444	ug/L	94
13) Acetone	2.114	43	4197	4.410	ug/L	89
19) 1,1-Dichloroethane	3.111	63	4924	1.826	ug/L #	87
20) cis-1,2-Dichloroethene	3.812	96	7282	4.564	ug/L	95
27) 1,2-Dichloroethane	5.053	62	4519	1.932	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	9699	3.517	ug/L #	78
34) Trichloroethene	5.841	95	4461	2.731	ug/L #	76

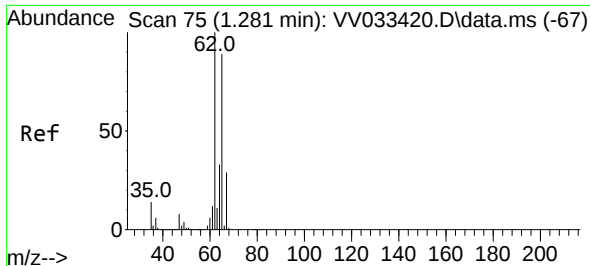
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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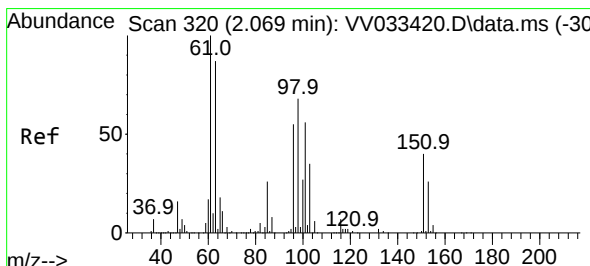
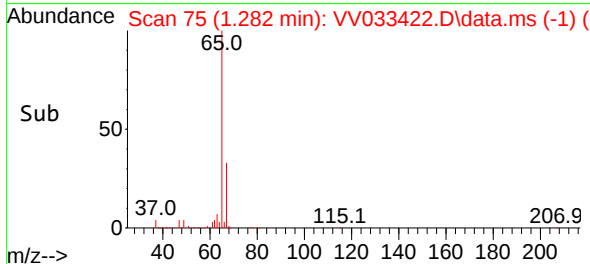
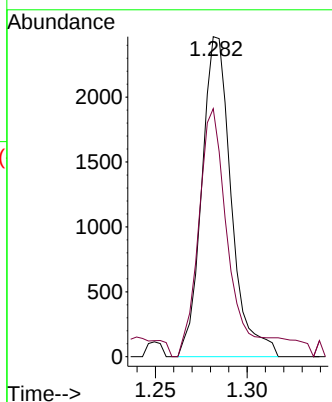
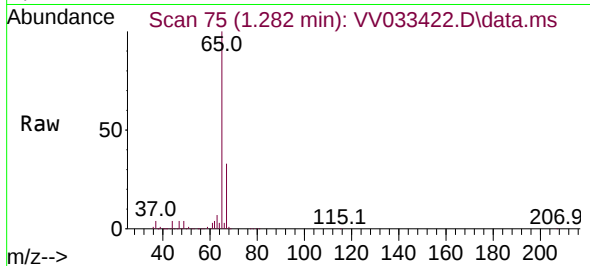




#5
 Vinyl chloride
 Concen: 1.606 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV033422.D
 Acq: 16 Dec 2023 10:15

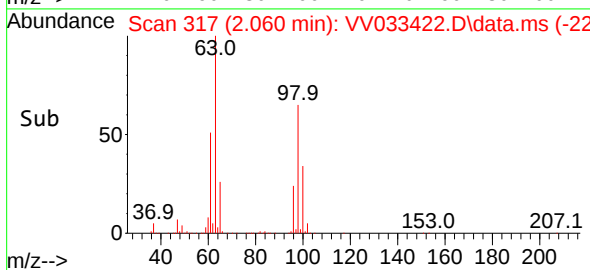
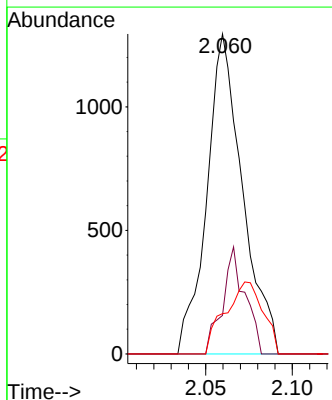
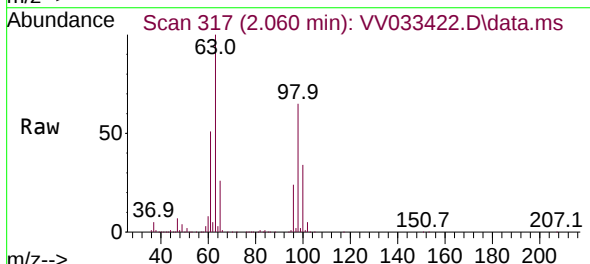
Instrument :
 MSVOA_V
 ClientSampleId :

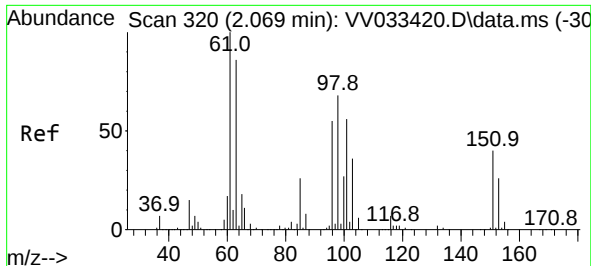
Tgt Ion: 62 Resp: 2751
 Ion Ratio Lower Upper
 62 100
 64 77.5 23.4 43.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.058 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV033422.D
 Acq: 16 Dec 2023 10:15

Tgt Ion: 101 Resp: 1855
 Ion Ratio Lower Upper
 101 100
 85 18.2 36.6 54.8#
 151 23.9 57.0 85.6#





#12

1,1-Dichloroethene

Concen: 38.444 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

Instrument :

MSVOA_V

ClientSampleId :

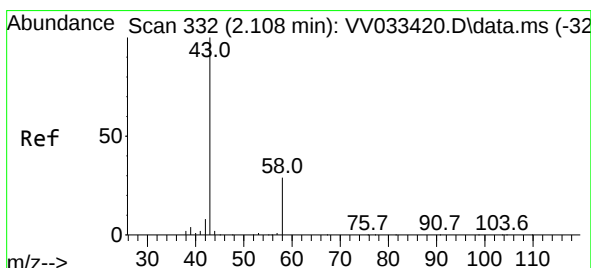
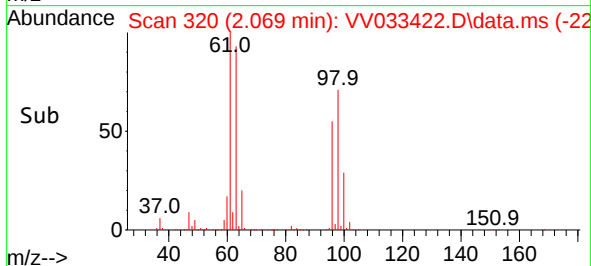
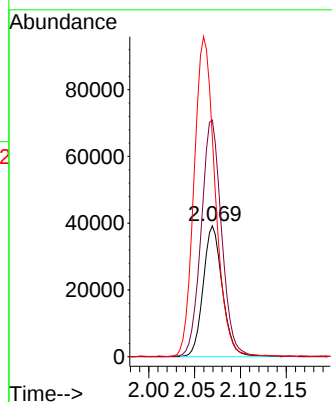
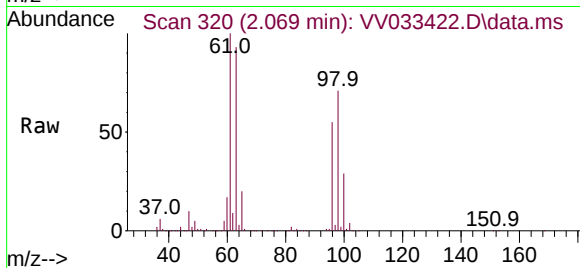
Tgt Ion: 96 Resp: 57235

Ion Ratio Lower Upper

96 100

61 180.9 124.3 230.8

63 167.5 108.1 200.7



#13

Acetone

Concen: 4.410 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.007 min

Lab File: VV033422.D

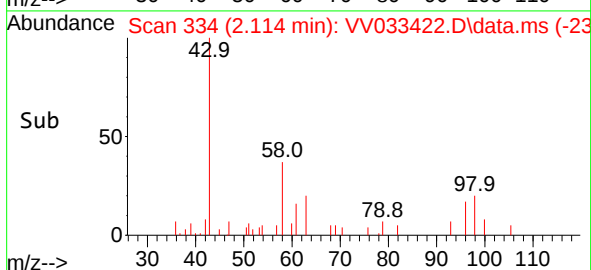
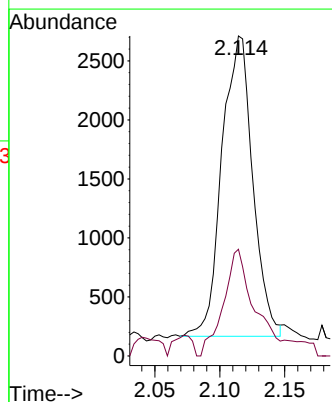
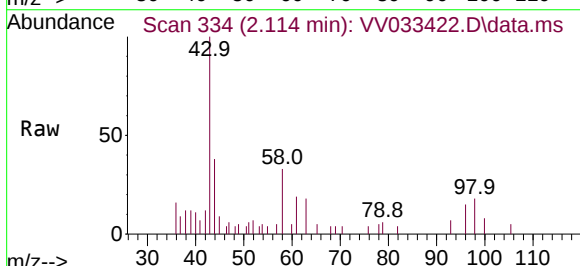
Acq: 16 Dec 2023 10:15

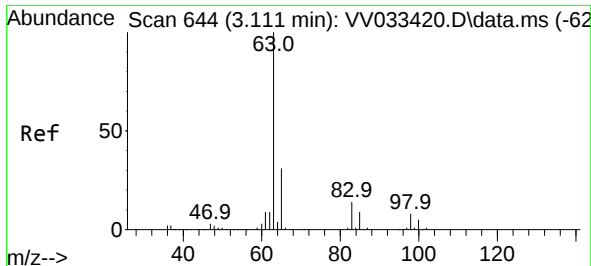
Tgt Ion: 43 Resp: 4197

Ion Ratio Lower Upper

43 100

58 35.5 0.0 59.2





#19

1,1-Dichloroethane

Concen: 1.826 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

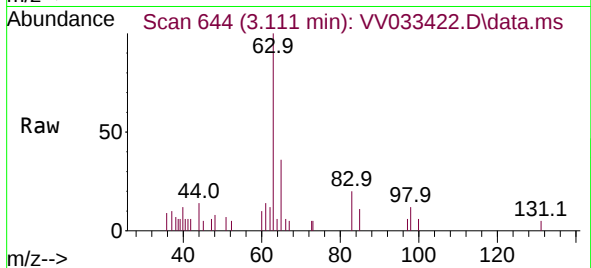
Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

Instrument :

MSVOA_V

ClientSampleId :



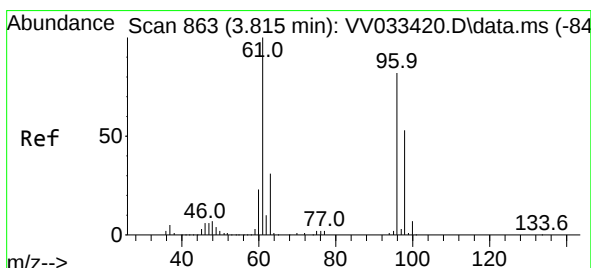
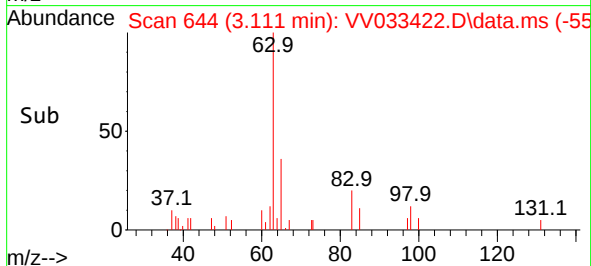
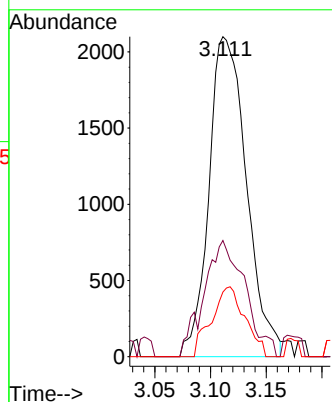
Tgt Ion: 63 Resp: 4924

Ion Ratio Lower Upper

63 100

65 36.3 21.1 39.3

83 20.2 9.7 17.9#



#20

cis-1,2-Dichloroethene

Concen: 4.564 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

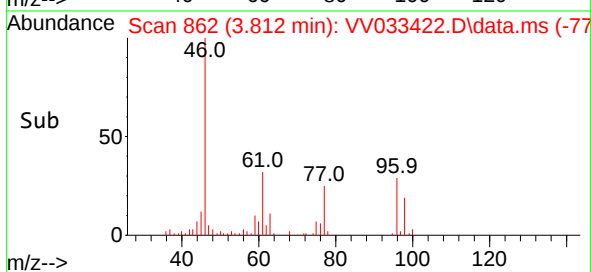
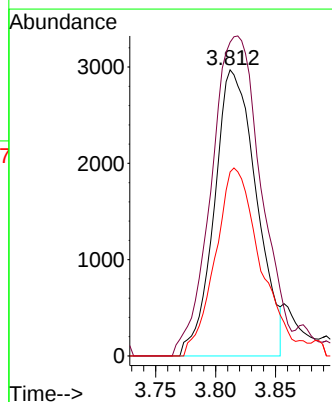
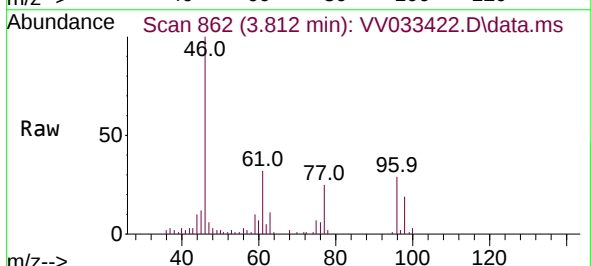
Tgt Ion: 96 Resp: 7282

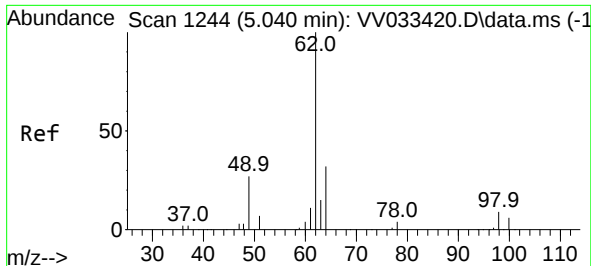
Ion Ratio Lower Upper

96 100

61 109.7 81.9 152.1

98 64.3 44.3 82.3





#27

1,2-Dichloroethane

Concen: 1.932 ug/L

RT: 5.053 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

Instrument :

MSVOA_V

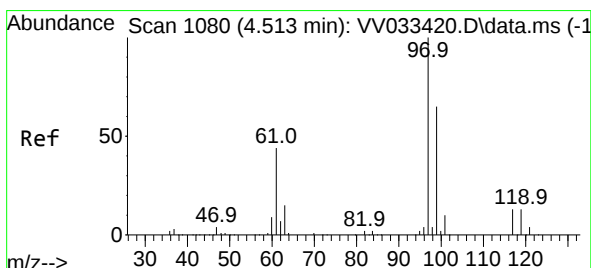
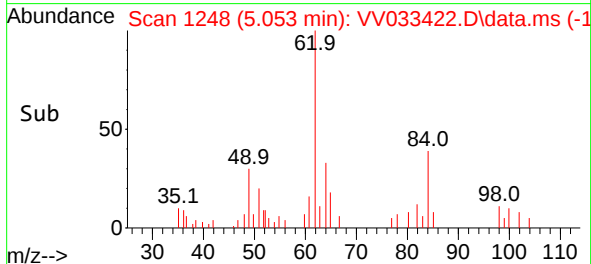
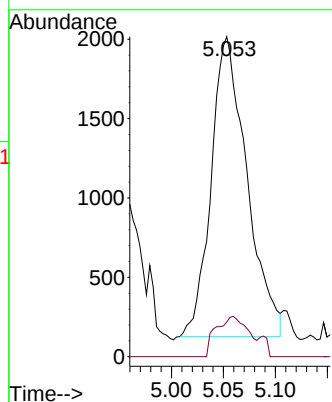
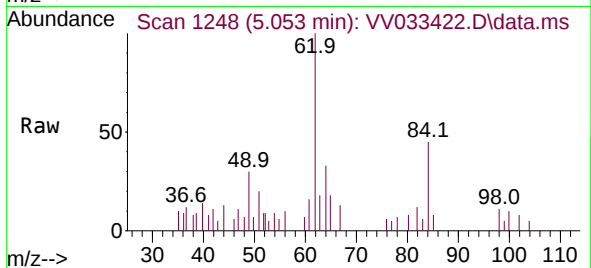
ClientSampleId :

Tgt Ion: 62 Resp: 4519

Ion Ratio Lower Upper

62 100

98 10.9 8.0 12.0



#30

1,1,1-Trichloroethane

Concen: 3.517 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

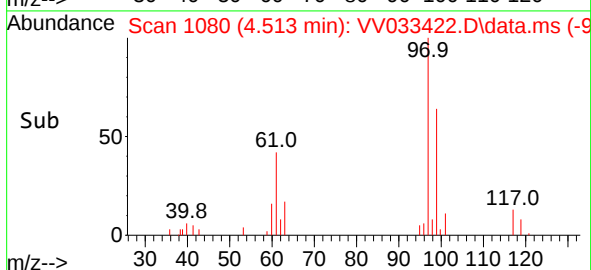
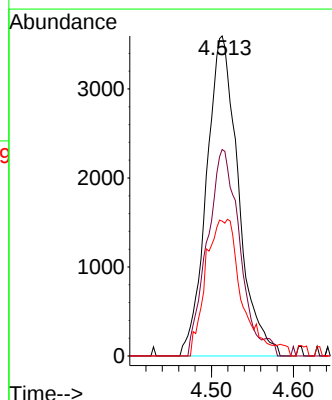
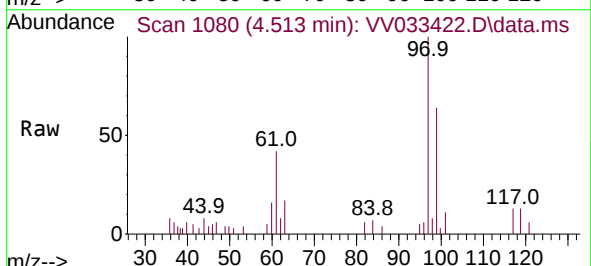
Tgt Ion: 97 Resp: 9699

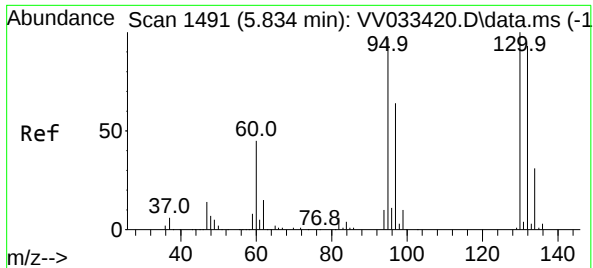
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

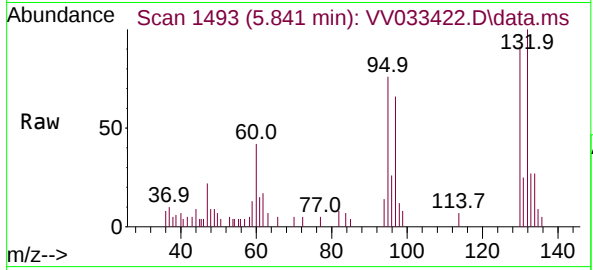
61 9.1 34.8 52.2#





#34
 Trichloroethene
 Concen: 2.731 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.007 min
 Lab File: VV033422.D
 Acq: 16 Dec 2023 10:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95	Resp: 4461
Ion Ratio	Lower Upper
95 100	
97 85.7	44.8 83.2#
132 130.9	69.9 129.7#
130 119.0	73.3 136.1

