

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033430.D
 Acq On : 16 Dec 2023 13:20
 Operator : SY/MD
 Sample : 05846-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:27:35 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)

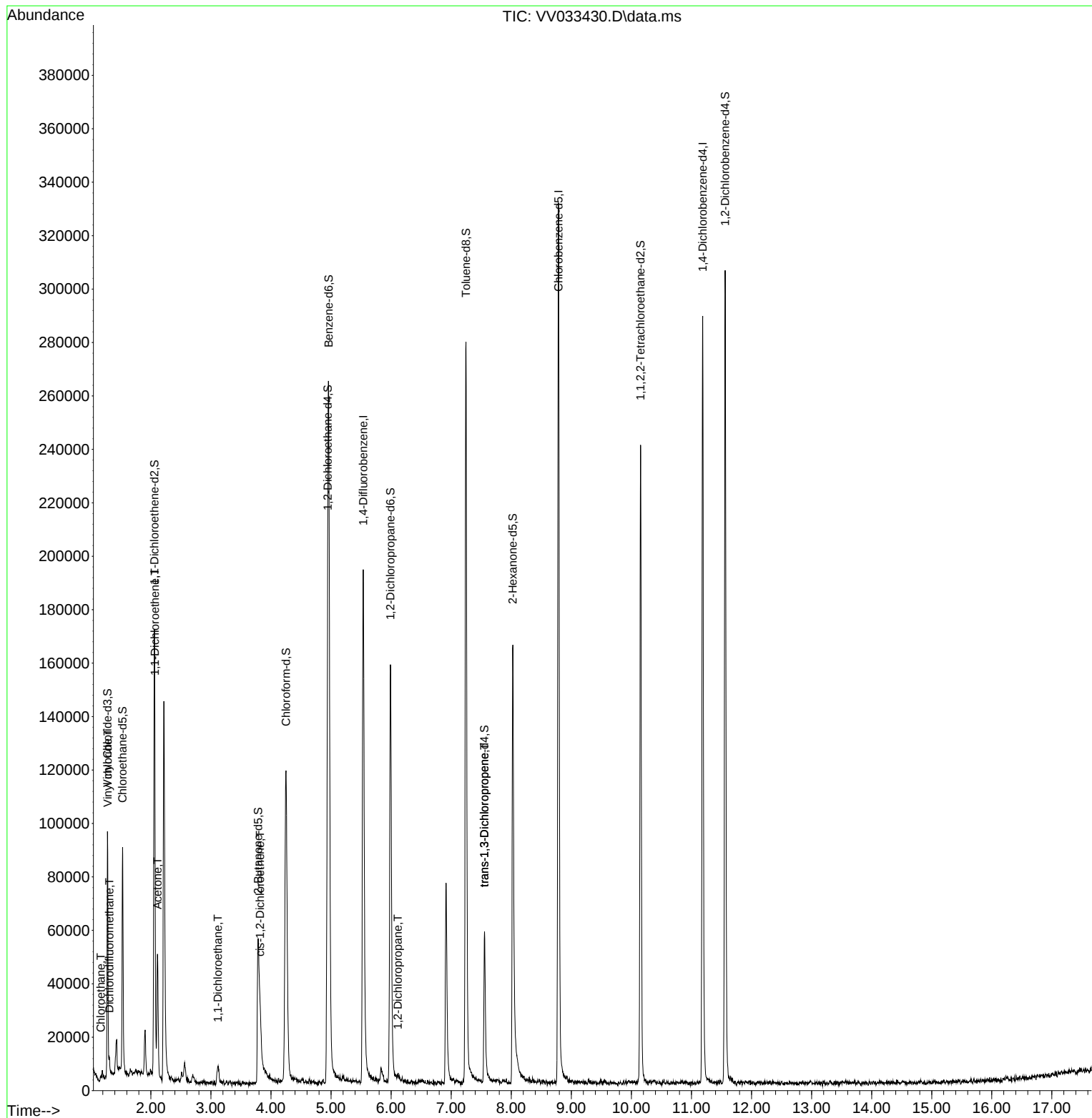
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	170006	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	72599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54986	42.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.000%
7) Chloroethane-d5	1.529	69	54913	46.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	2.060	65	28151	43.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
21) 2-Butanone-d5	3.786	46	84115	127.481	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.480%
24) Chloroform-d	4.249	84	121826	47.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	4.944	65	81859	51.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.900%
32) Benzene-d6	4.960	84	224381	47.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	5.989	67	71608	49.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	7.246	98	185695	42.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.500%
43) trans-1,3-Dichloroprop...	7.555	79	30958	43.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.680%
47) 2-Hexanone-d5	8.024	63	52964	109.287	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.290%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	109978	53.106	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.220%
66) 1,2-Dichlorobenzene-d4	11.561	152	74131	54.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.310	85	810	0.580	ug/L	94
5) Vinyl chloride	1.282	62	1202	0.872	ug/L #	1
8) Chloroethane	1.166	64	629	0.676	ug/L	86
12) 1,1-Dichloroethene	2.066	96	1661	1.386	ug/L #	1
13) Acetone	2.111	43	43734	57.101	ug/L	98
19) 1,1-Dichloroethane	3.117	63	6399	2.948	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	6987	5.442	ug/L	89
37) 1,2-Dichloropropane	6.111	63	1135	0.891	ug/L #	83
44) trans-1,3-Dichloropropene	7.555	75	1846	0.992	ug/L	88

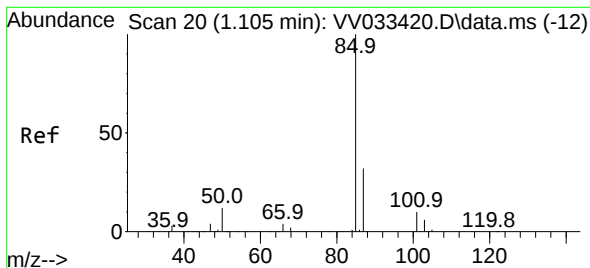
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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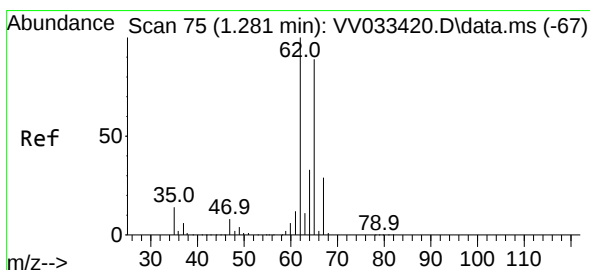
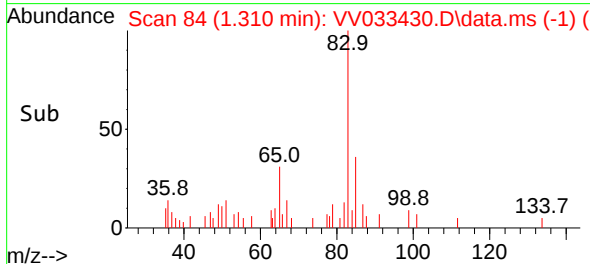
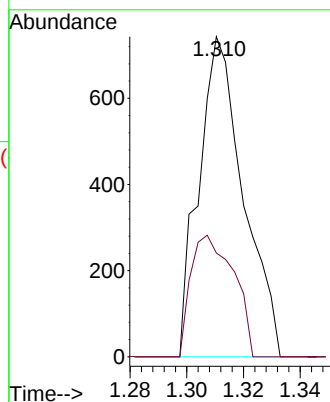
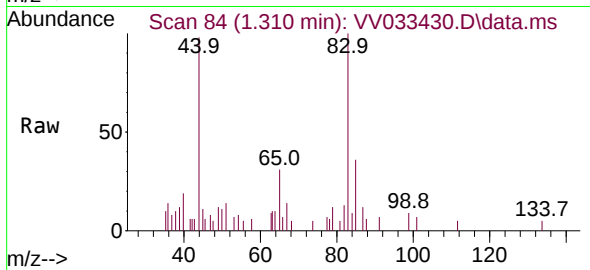




#2
Dichlorodifluoromethane
Concen: 0.580 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.206 min
Lab File: VV033430.D
Acq: 16 Dec 2023 13:20

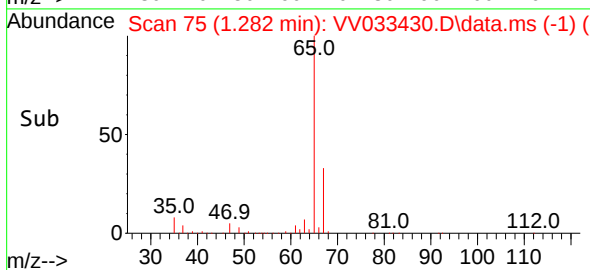
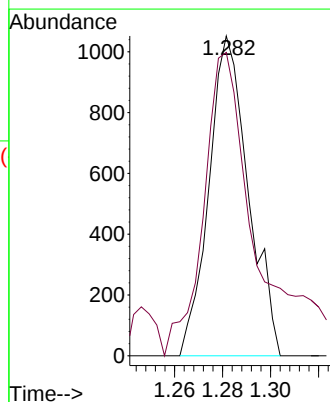
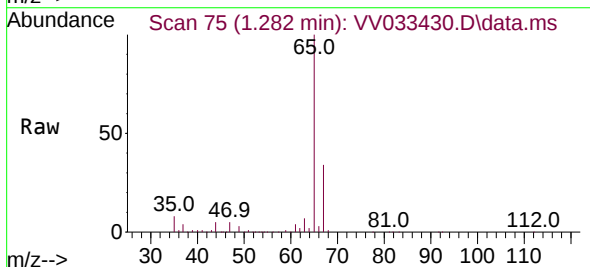
Instrument :
MSVOA_V
ClientSampleId :

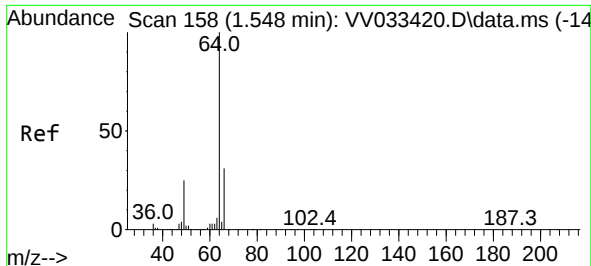
Tgt Ion: 85 Resp: 810
Ion Ratio Lower Upper
85 100
87 36.5 26.6 39.8



#5
Vinyl chloride
Concen: 0.872 ug/L
RT: 1.282 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV033430.D
Acq: 16 Dec 2023 13:20

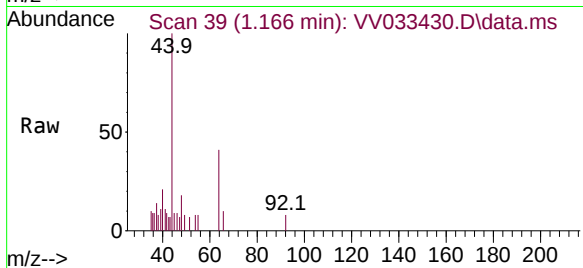
Tgt Ion: 62 Resp: 1202
Ion Ratio Lower Upper
62 100
64 94.9 23.4 43.6#



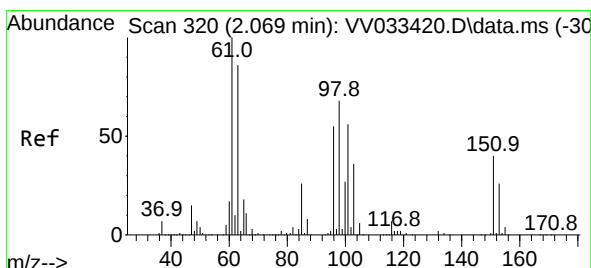
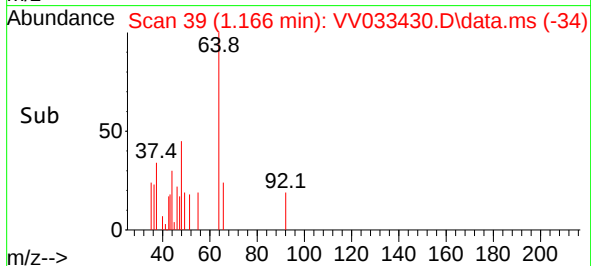
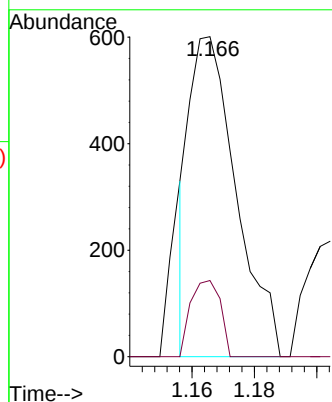


#8
Chloroethane
Concen: 0.676 ug/L
RT: 1.166 min Scan# 319
Delta R.T. -0.383 min
Lab File: VV033430.D
Acq: 16 Dec 2023 13:20

Instrument :
MSVOA_V
ClientSampleId :

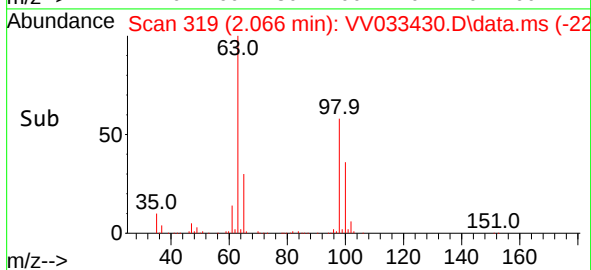
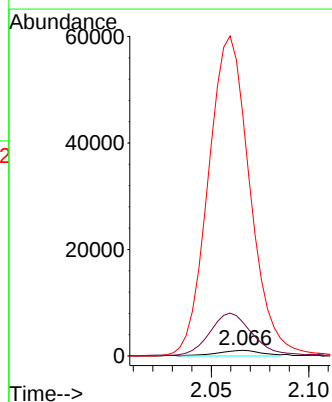
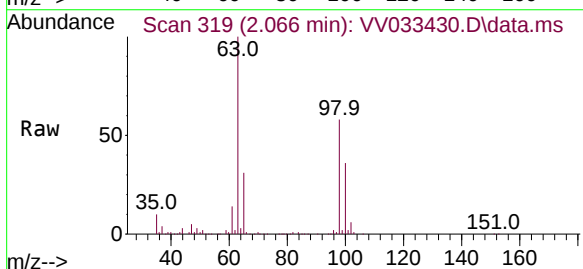


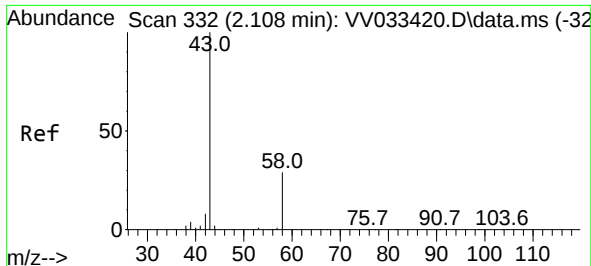
Tgt Ion: 64 Resp: 629
Ion Ratio Lower Upper
64 100
66 23.8 22.1 41.1



#12
1,1-Dichloroethene
Concen: 1.386 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV033430.D
Acq: 16 Dec 2023 13:20

Tgt Ion: 96 Resp: 1661
Ion Ratio Lower Upper
96 100
61 598.8 124.3 230.8#
63 4274.9 108.1 200.7#





#13

Acetone

Concen: 57.101 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033430.D

Acq: 16 Dec 2023 13:20

Instrument :

MSVOA_V

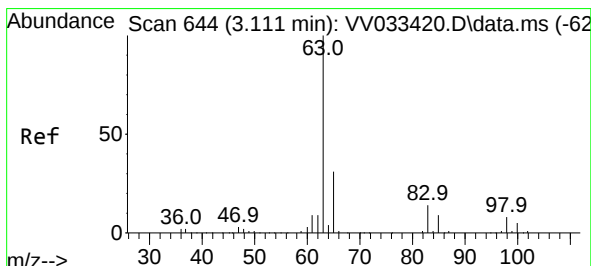
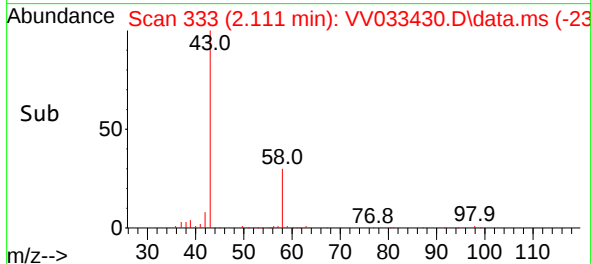
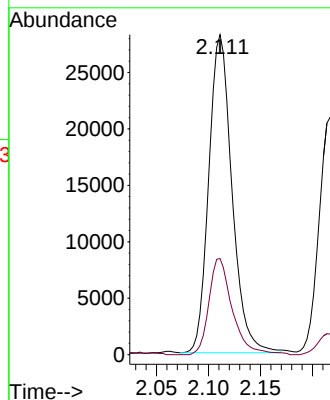
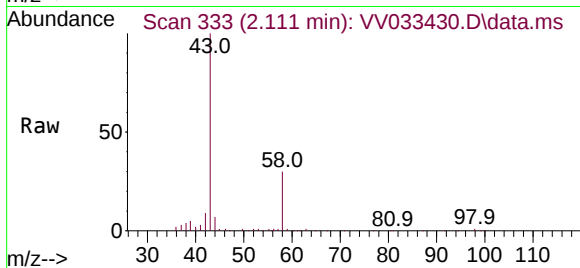
ClientSampleId :

Tgt Ion: 43 Resp: 43734

Ion Ratio Lower Upper

43 100

58 30.4 0.0 59.2



#19

1,1-Dichloroethane

Concen: 2.948 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV033430.D

Acq: 16 Dec 2023 13:20

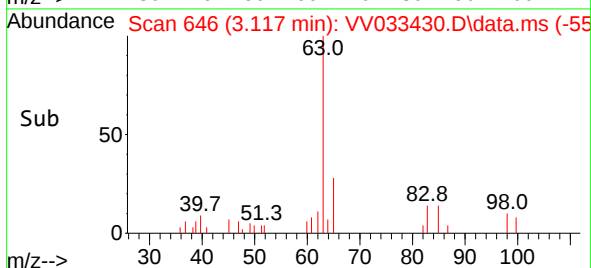
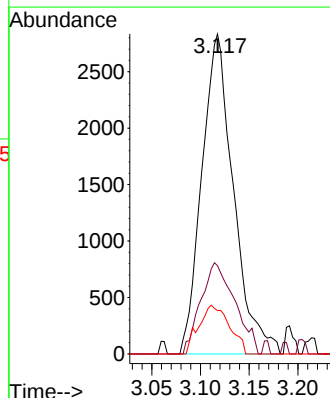
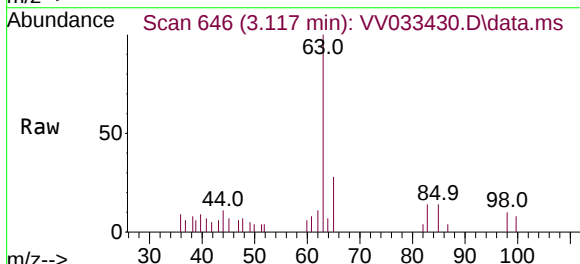
Tgt Ion: 63 Resp: 6399

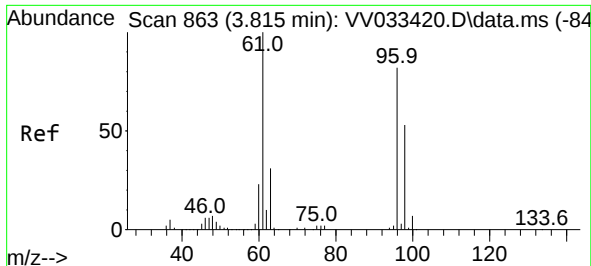
Ion Ratio Lower Upper

63 100

65 27.6 21.1 39.3

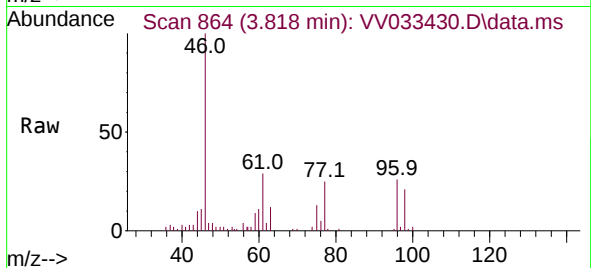
83 13.5 9.7 17.9



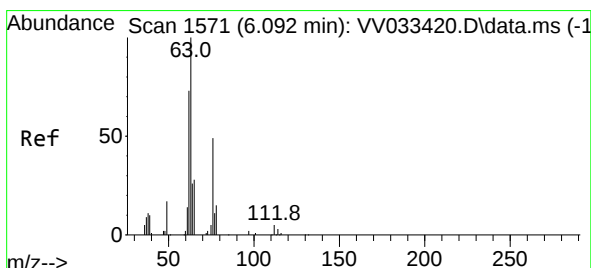
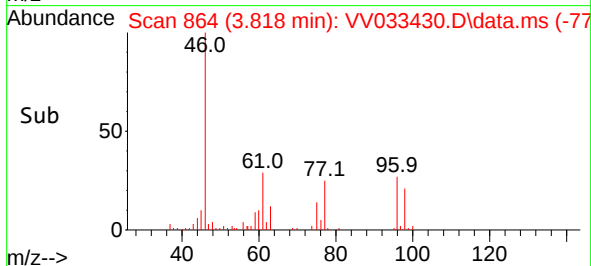
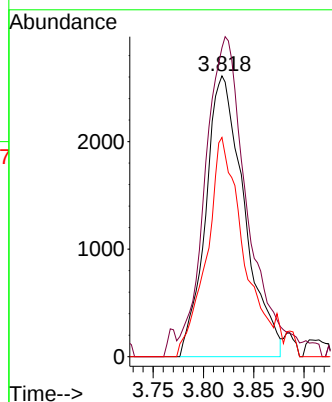


#20
 cis-1,2-Dichloroethene
 Concen: 5.442 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033430.D
 Acq: 16 Dec 2023 13:20

Instrument :
 MSVOA_V
 ClientSampleId :

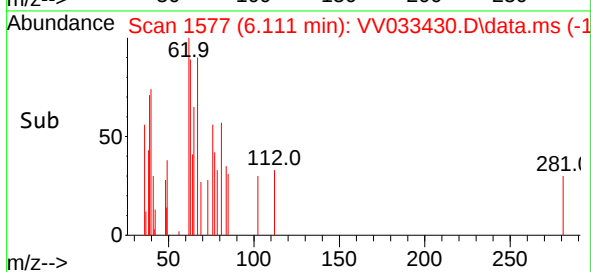
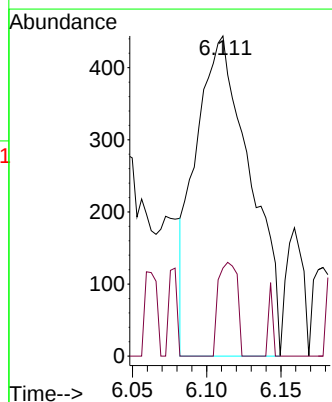
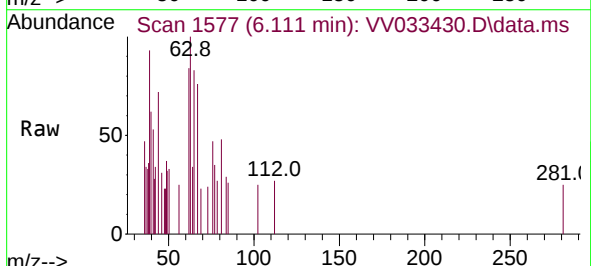


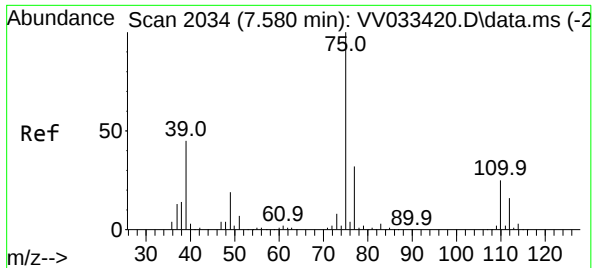
Tgt Ion: 96 Resp: 6987
 Ion Ratio Lower Upper
 96 100
 61 110.1 81.9 152.1
 98 78.1 44.3 82.3



#37
 1,2-Dichloropropane
 Concen: 0.891 ug/L
 RT: 6.111 min Scan# 1577
 Delta R.T. 0.019 min
 Lab File: VV033430.D
 Acq: 16 Dec 2023 13:20

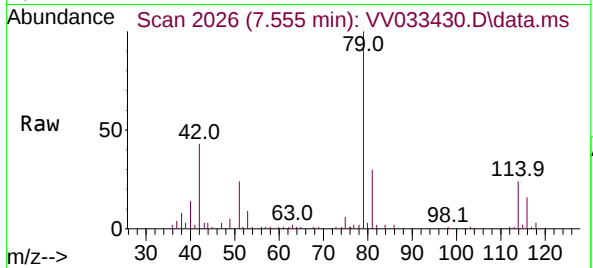
Tgt Ion: 63 Resp: 1135
 Ion Ratio Lower Upper
 63 100
 112 10.1 3.7 5.5#





#44
 trans-1,3-Dichloropropene
 Concen: 0.992 ug/L
 RT: 7.555 min Scan# 20
 Delta R.T. -0.026 min
 Lab File: VV033430.D
 Acq: 16 Dec 2023 13:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 1846
 Ion Ratio Lower Upper
 75 100
 77 39.0 22.4 41.6

