

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031523\
 Data File : VW030206.D
 Acq On : 15 Mar 2023 13:00
 Operator : SY/MD
 Sample : 01906-07DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 16 01:50:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 16 01:47:11 2023
 Response via : Initial Calibration

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

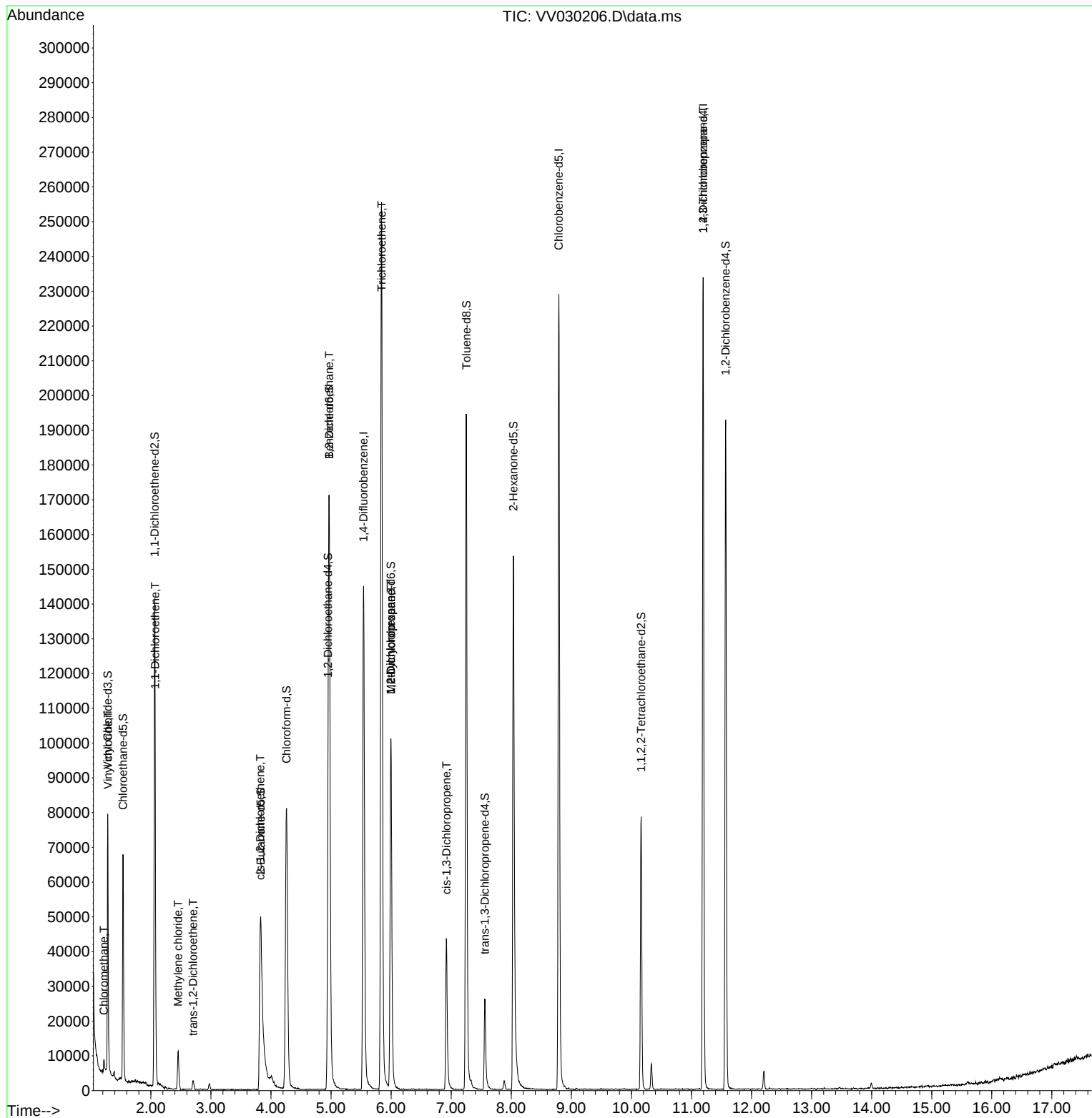
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	136977	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	136489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48369	5.457	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.200%
7) Chloroethane-d5	1.535	69	43708	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.063	63	74007	4.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.831	46	75933	46.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.940%
24) Chloroform-d	4.259	84	92968	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.950	65	38454	5.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.969	84	169683	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	5.995	67	53621	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.252	98	146012	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.561	79	18459	4.883	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.037	63	61495	39.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.640%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38137	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	54634	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	2468	0.141	ug/L	97
5) Vinyl chloride	1.285	62	798	0.068	ug/L #	1
12) 1,1-Dichloroethene	2.072	96	2402	0.261	ug/L #	1
16) Methylene chloride	2.455	84	4972	0.443	ug/L	96
18) trans-1,2-Dichloroethene	2.703	96	1162	0.133	ug/L	92
22) cis-1,2-Dichloroethene	3.821	96	12760	1.320	ug/L	98
27) 1,2-Dichloroethane	4.969	62	866	0.098	ug/L #	71
34) Trichloroethene	5.841	95	93700	8.971	ug/L	98
35) Methylcyclohexane	5.995	83	13877	0.878	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	5374	0.567	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1192	0.086	ug/L #	55
61) 1,2,3-Trichloropropane	11.194	75	6922	1.542	ug/L #	66

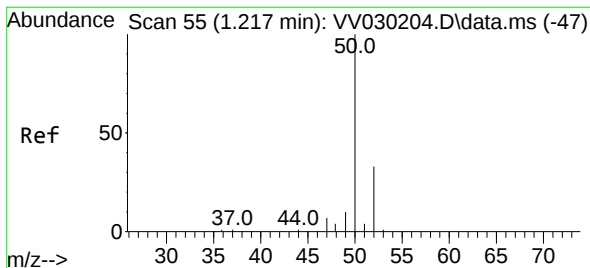
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

Instrument :

MSVOA_V

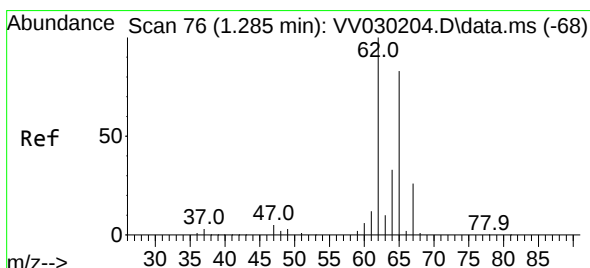
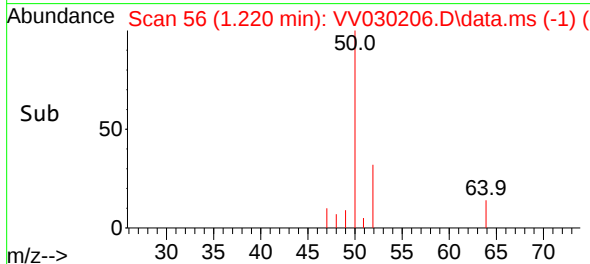
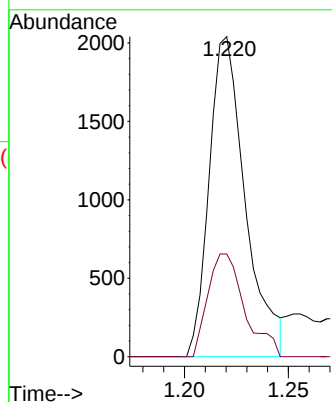
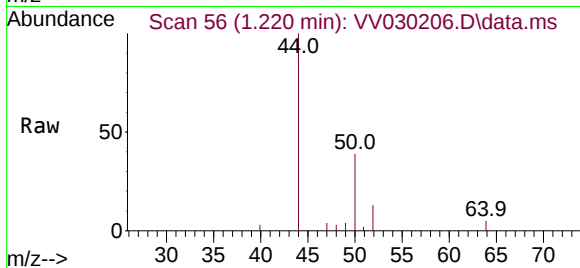
ClientSampleId :

Tgt Ion: 50 Resp: 2468

Ion Ratio Lower Upper

50 100

52 32.1 23.6 43.8



#5

Vinyl chloride

Concen: 0.068 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV030206.D

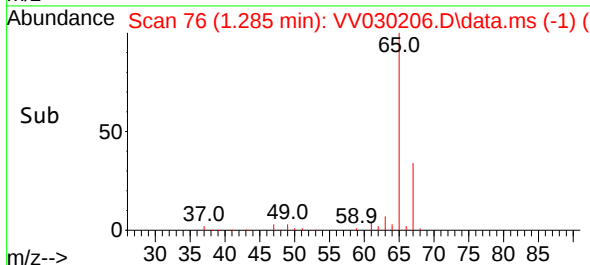
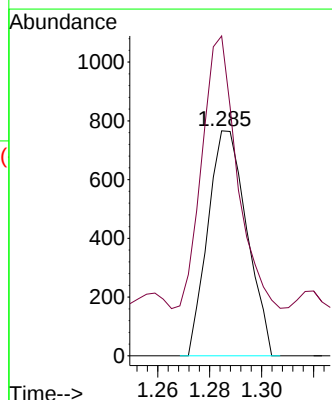
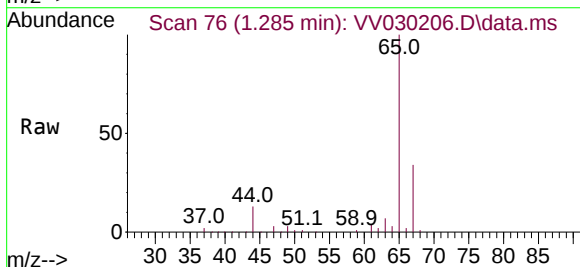
Acq: 15 Mar 2023 13:00

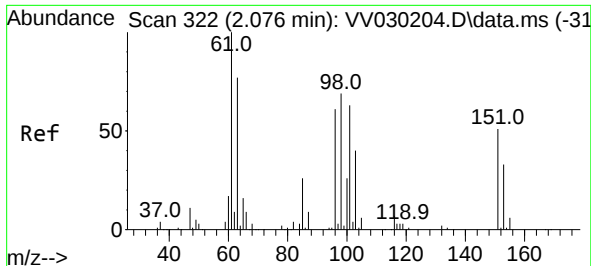
Tgt Ion: 62 Resp: 798

Ion Ratio Lower Upper

62 100

64 142.2 23.1 42.9#





#12

1,1-Dichloroethene

Concen: 0.261 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

Instrument :

MSVOA_V

ClientSampleId :

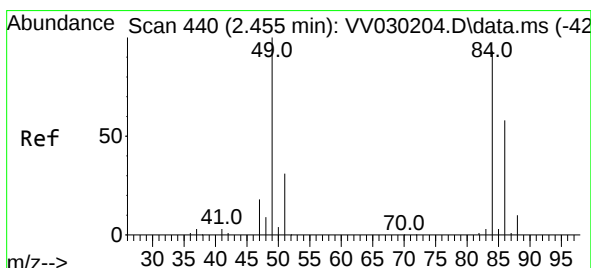
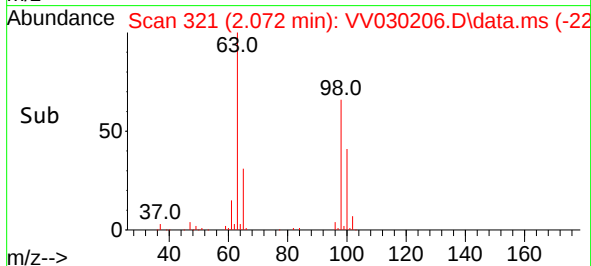
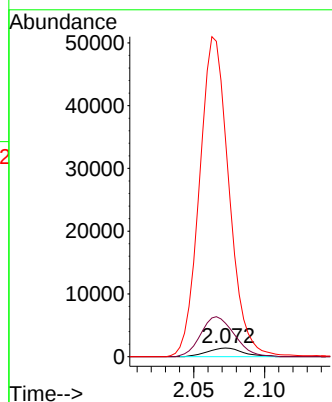
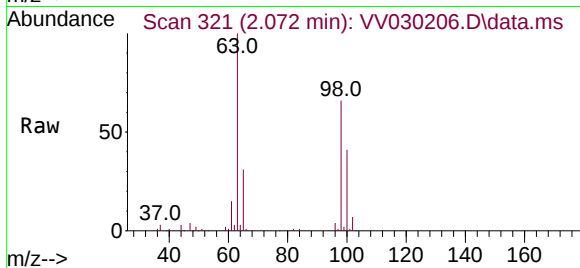
Tgt Ion: 96 Resp: 2402

Ion Ratio Lower Upper

96 100

61 388.6 115.6 214.6#

63 2530.0 85.6 159.0#



#16

Methylene chloride

Concen: 0.443 ug/L

RT: 2.455 min Scan# 440

Delta R.T. -0.000 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

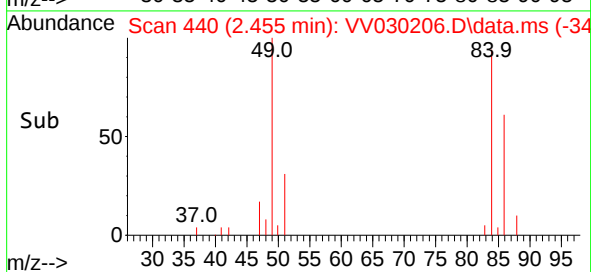
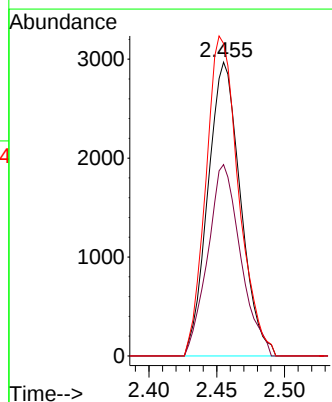
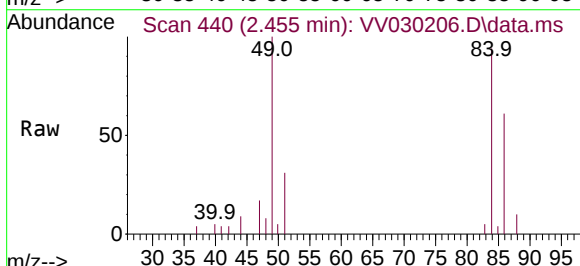
Tgt Ion: 84 Resp: 4972

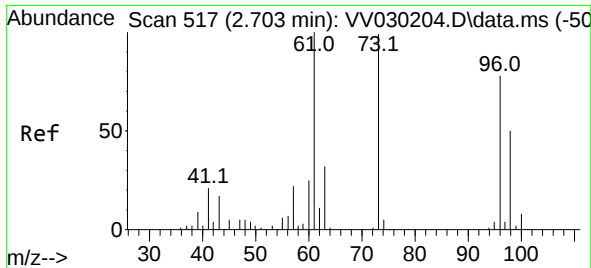
Ion Ratio Lower Upper

84 100

86 65.1 44.7 83.1

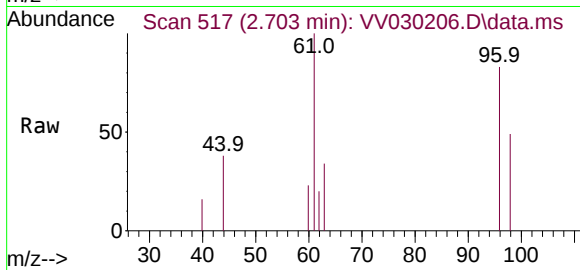
49 106.4 78.8 146.3



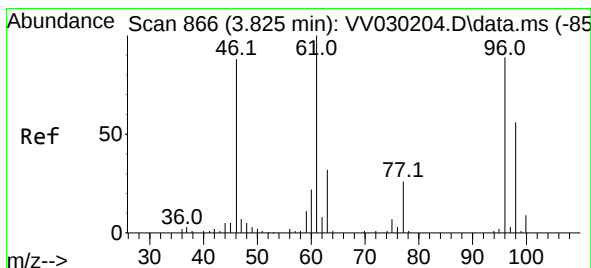
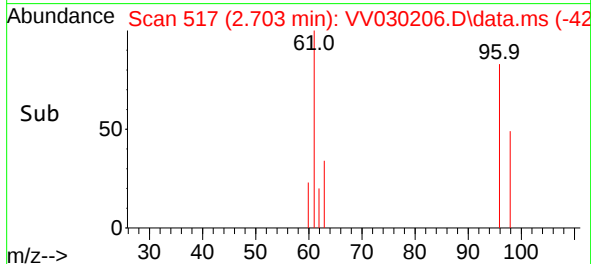
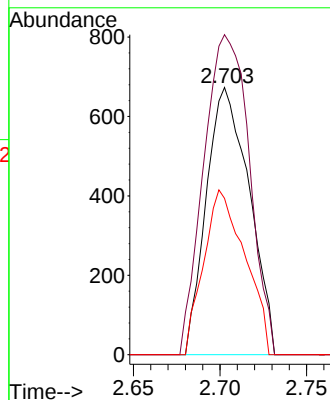


#18
 trans-1,2-Dichloroethene
 Concen: 0.133 ug/L
 RT: 2.703 min Scan# 517
 Delta R.T. -0.000 min
 Lab File: VV030206.D
 Acq: 15 Mar 2023 13:00

Instrument :
 MSVOA_V
 ClientSampleId :

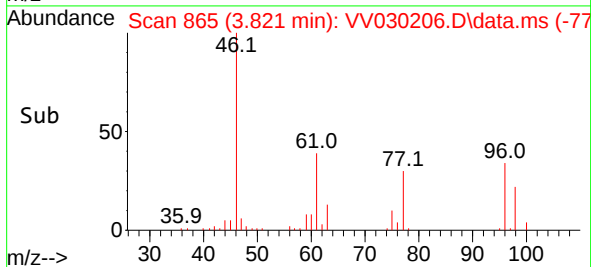
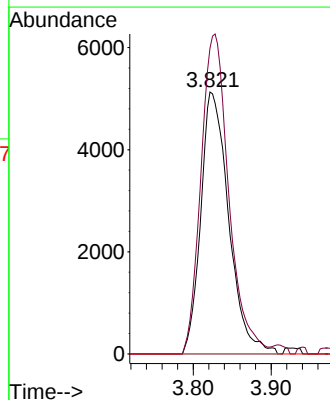
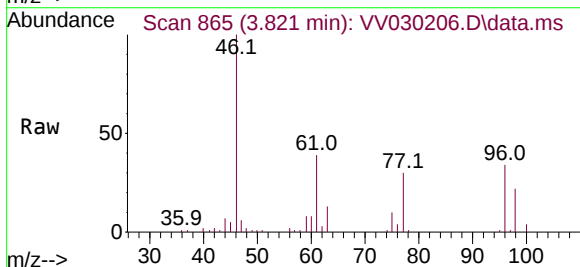


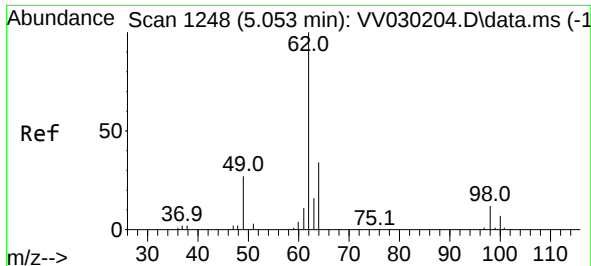
Tgt Ion: 96	Resp: 1162
Ion Ratio	Lower Upper
96 100	
61 119.8	91.0 169.0
98 58.5	45.2 84.0



#22
 cis-1,2-Dichloroethene
 Concen: 1.320 ug/L
 RT: 3.821 min Scan# 865
 Delta R.T. -0.003 min
 Lab File: VV030206.D
 Acq: 15 Mar 2023 13:00

Tgt Ion: 96	Resp: 12760
Ion Ratio	Lower Upper
96 100	
61 116.7	83.4 154.8
68 0.0	0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 4.969 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

Instrument :

MSVOA_V

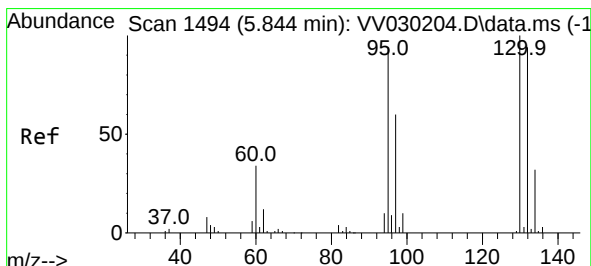
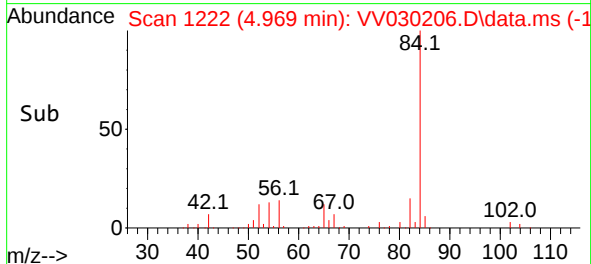
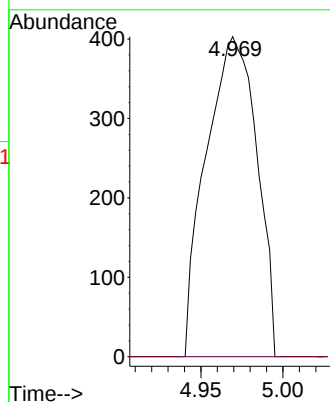
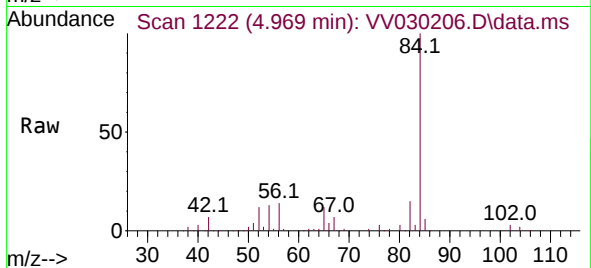
ClientSampleId :

Tgt Ion: 62 Resp: 866

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#34

Trichloroethene

Concen: 8.971 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.003 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

Tgt Ion: 95 Resp: 93700

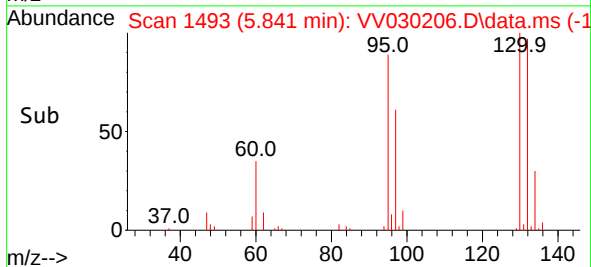
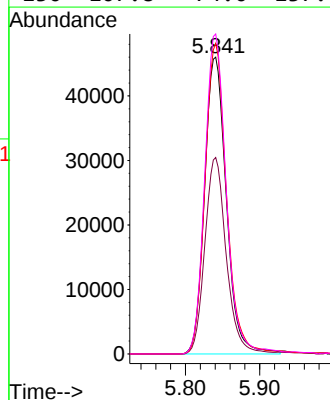
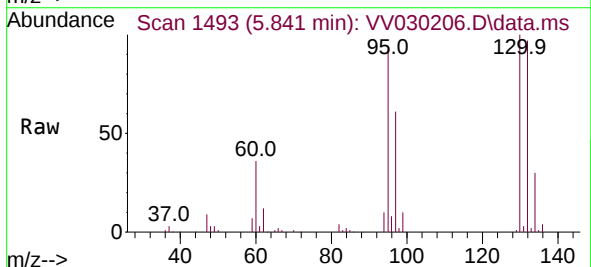
Ion Ratio Lower Upper

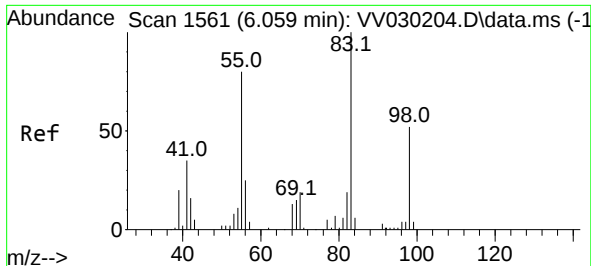
95 100

97 66.2 46.5 86.5

132 104.6 71.7 133.3

130 107.8 74.0 137.4





#35

Methylcyclohexane

Concen: 0.878 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.064 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

Instrument :

MSVOA_V

ClientSampleId :

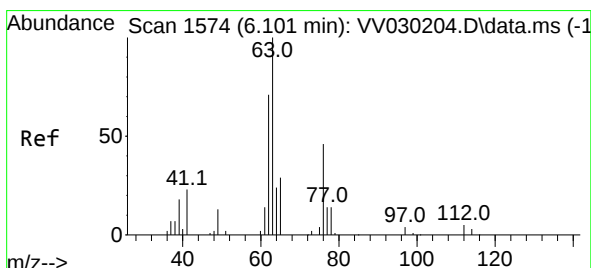
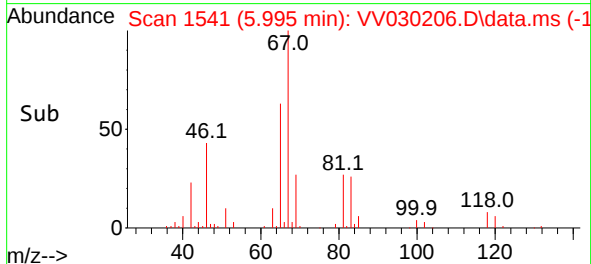
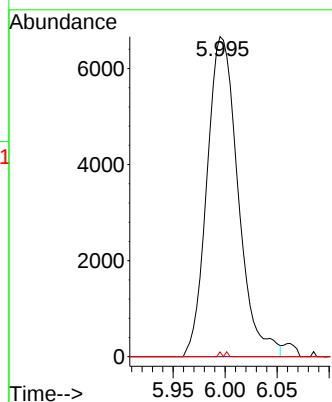
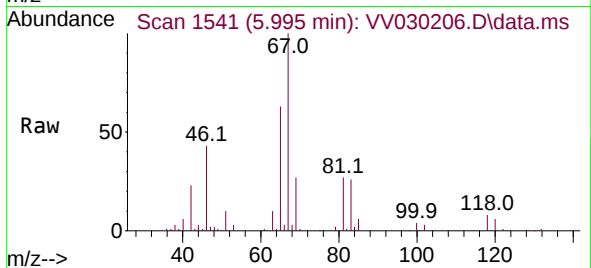
Tgt Ion: 83 Resp: 13877

Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.0 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.106 min

Lab File: VV030206.D

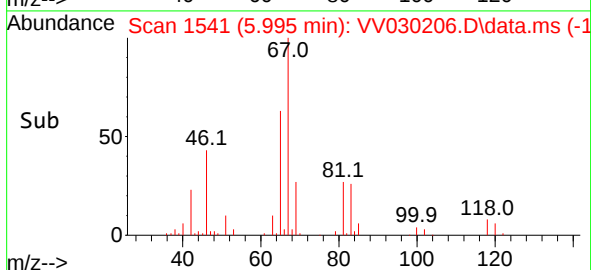
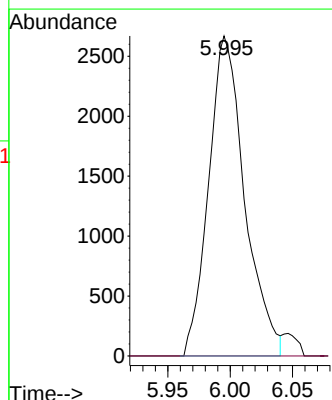
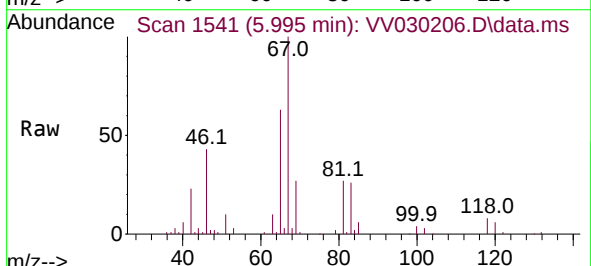
Acq: 15 Mar 2023 13:00

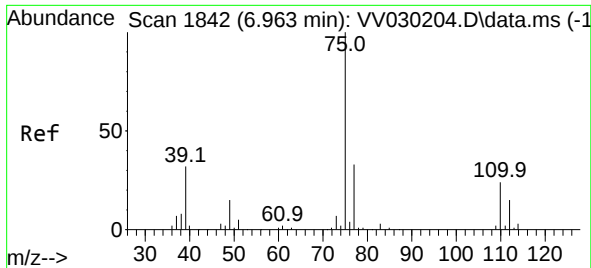
Tgt Ion: 63 Resp: 5374

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

Instrument :

MSVOA_V

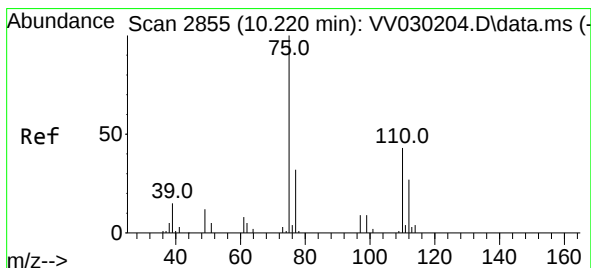
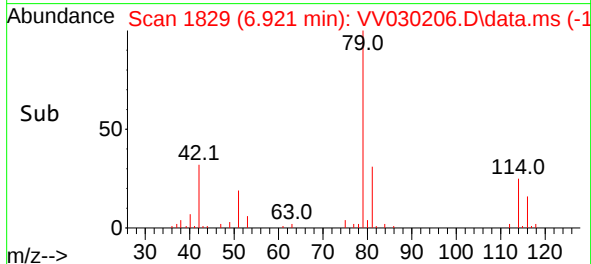
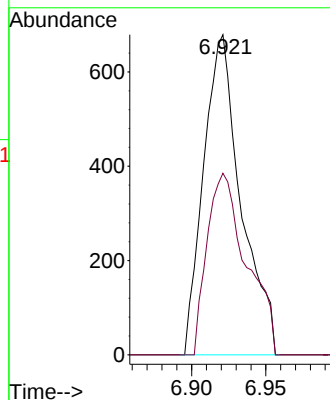
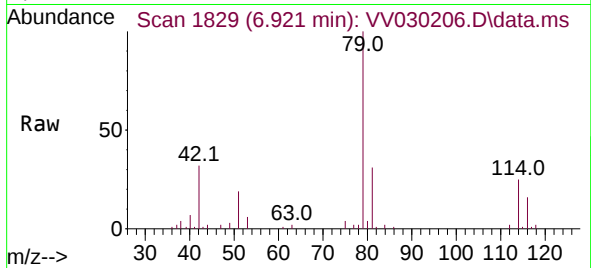
ClientSampleId :

Tgt Ion: 75 Resp: 1192

Ion Ratio Lower Upper

75 100

77 56.7 22.3 41.3#



#61

1,2,3-Trichloropropane

Concen: 1.542 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.974 min

Lab File: VV030206.D

Acq: 15 Mar 2023 13:00

Tgt Ion: 75 Resp: 6922

Ion Ratio Lower Upper

75 100

77 32.0 26.5 39.7

110 1.8 31.8 47.6#

