

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051723\
 Data File : VW031077.D
 Acq On : 17 May 2023 16:31
 Operator : SY/MD
 Sample : 02822-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONM4

Quant Time: May 18 02:51:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 18 02:47:29 2023
 Response via : Initial Calibration

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

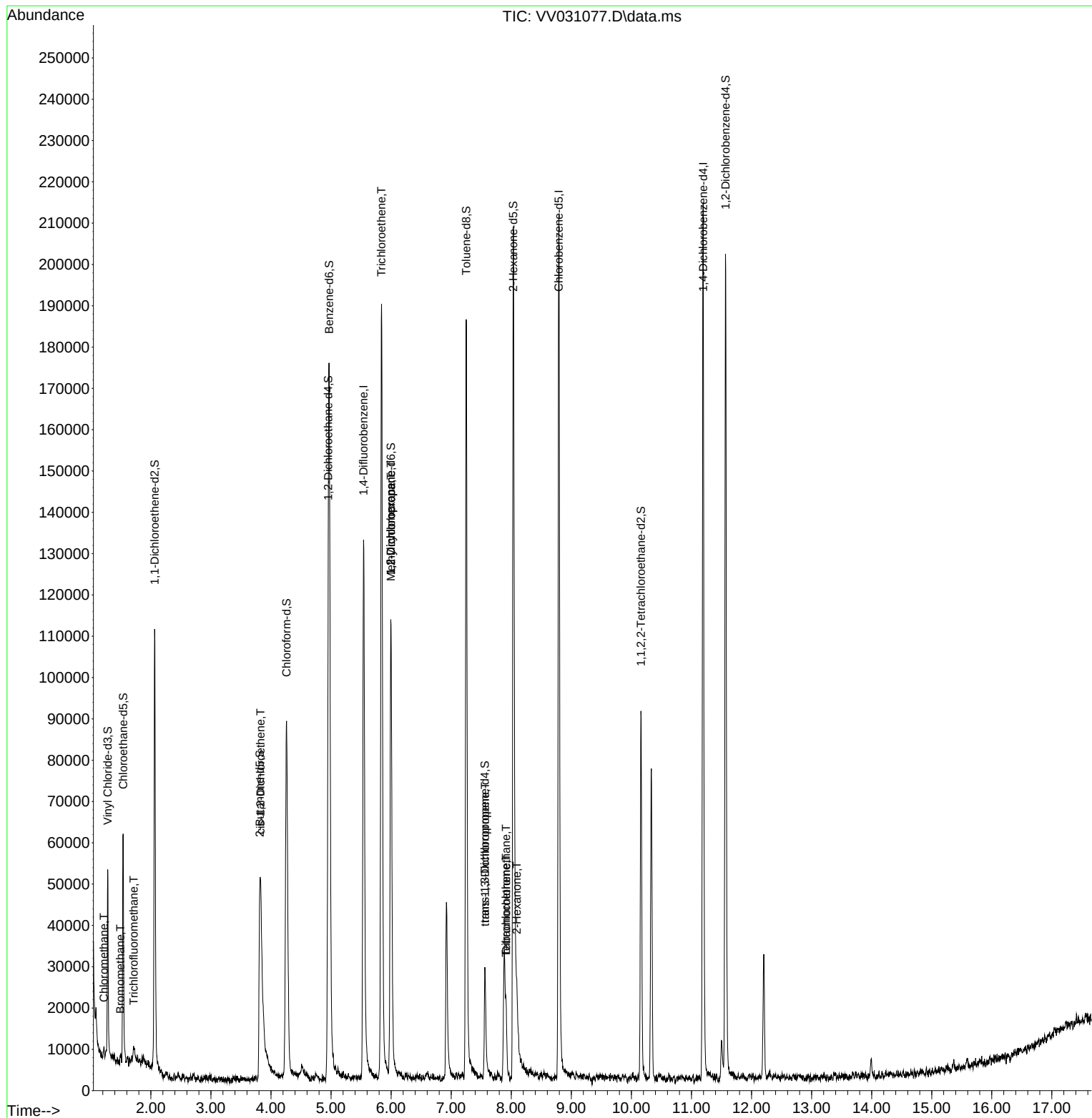
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	114133	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	116034	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29188	3.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.539	69	33701	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.063	65	17494	3.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.815	46	99979	59.957	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.920%
24) Chloroform-d	4.259	84	90756	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.953	65	50383	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.970	84	147638	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.995	67	45245	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.249	98	124539	3.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.561	79	15259	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.034	63	71322	54.910	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.820%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36651	5.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	52500	4.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1529	0.144	ug/L	97
6) Bromomethane	1.494	94	445	0.105	ug/L	100
9) Trichlorofluoromethane	1.716	101	1501	0.092	ug/L	88
22) cis-1,2-Dichloroethene	3.825	96	3230	0.436	ug/L	98
34) Trichloroethene	5.838	95	64804	8.329	ug/L	96
35) Methylcyclohexane	5.998	83	12688	1.052	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	6598	0.953	ug/L #	87
44) trans-1,3-Dichloropropene	7.564	75	1413	0.160	ug/L #	49
47) Tetrachloroethene	7.915	164	3673	0.495	ug/L	87
48) 2-Hexanone	8.092	43	8102	2.945	ug/L #	87
49) Dibromochloromethane	7.912	129	3070	0.475	ug/L #	10

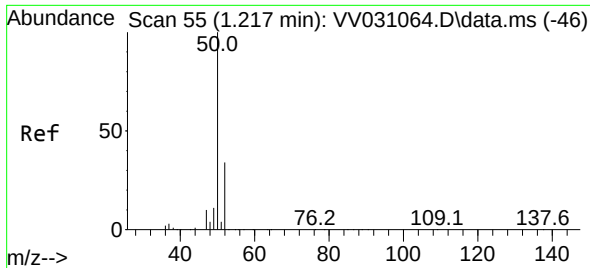
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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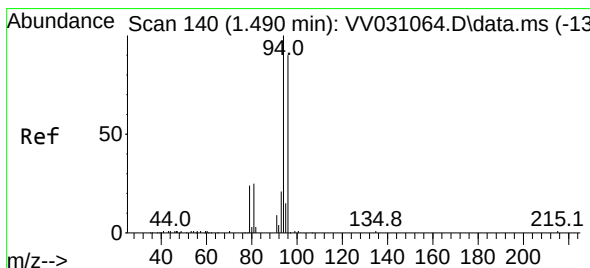
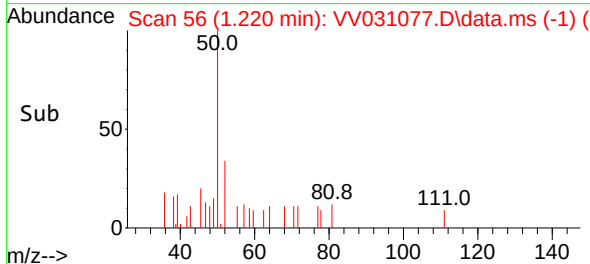
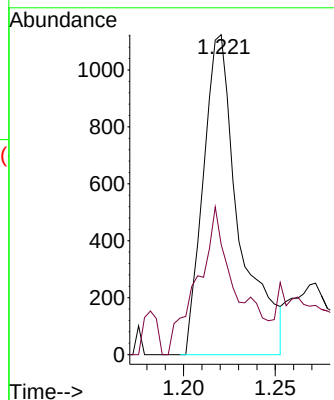
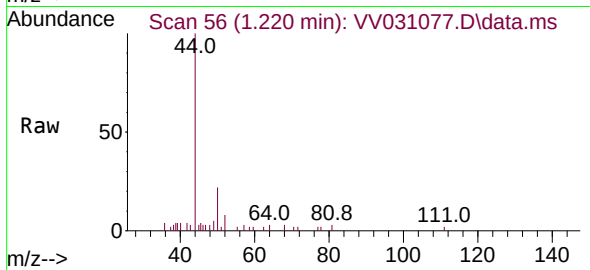




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031077.D
Acq: 17 May 2023 16:31

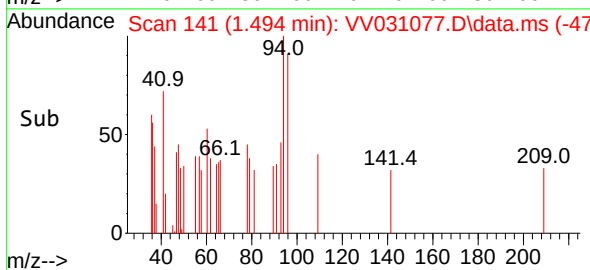
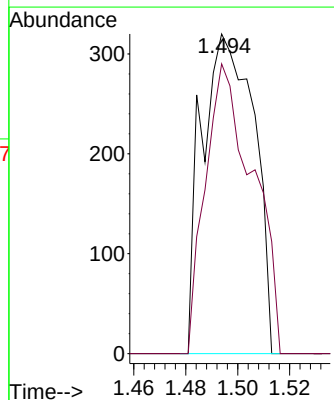
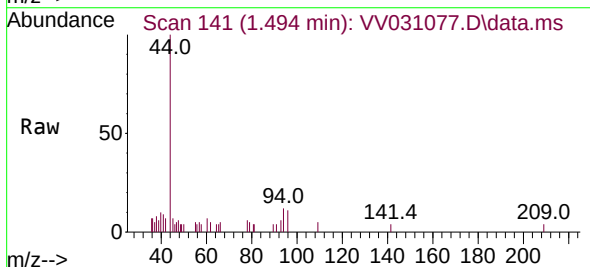
Instrument :
MSVOA_V
ClientSampleId :
CONM4

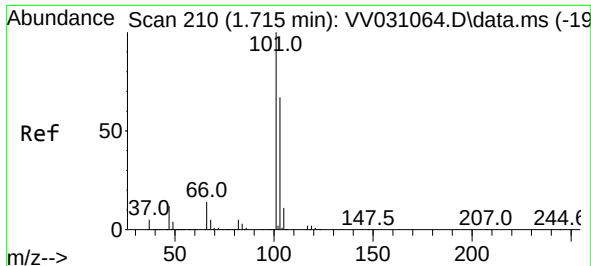
Tgt Ion: 50 Resp: 1529
Ion Ratio Lower Upper
50 100
52 34.4 22.8 42.4



#6
Bromomethane
Concen: 0.105 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031077.D
Acq: 17 May 2023 16:31

Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 90.6 63.4 117.8

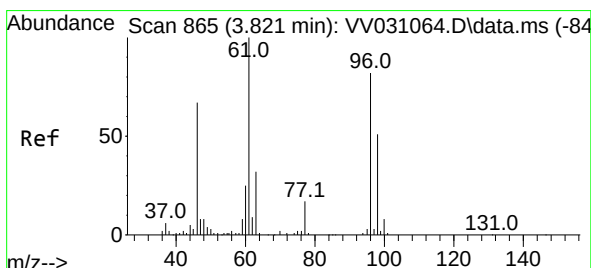
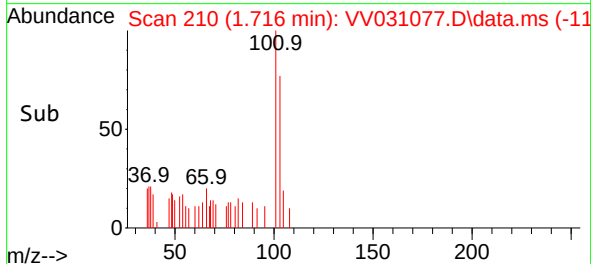
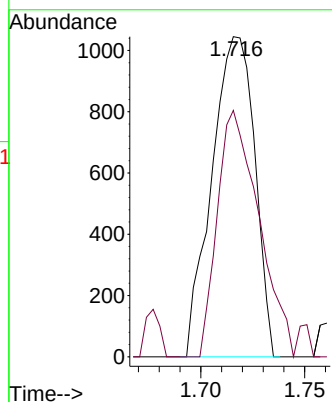
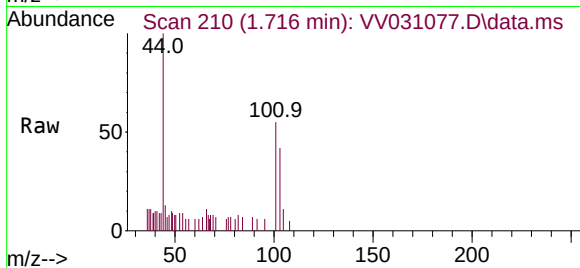




#9
 Trichlorofluoromethane
 Concen: 0.092 ug/L
 RT: 1.716 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VV031077.D
 Acq: 17 May 2023 16:31

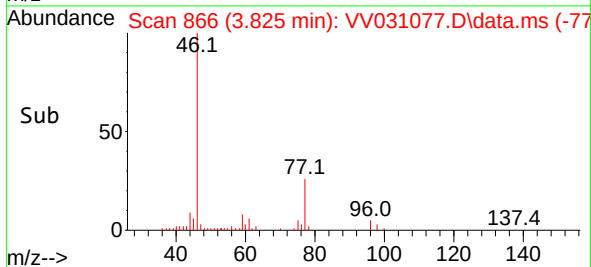
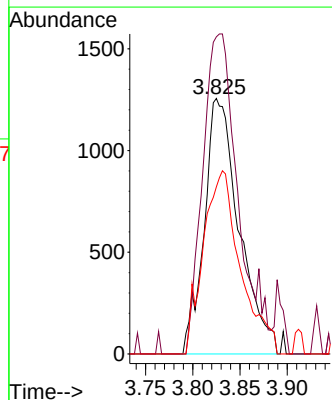
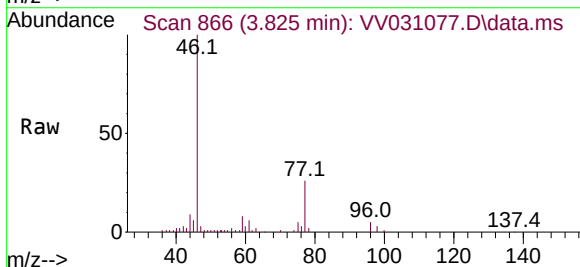
Instrument :
 MSVOA_V
 ClientSampleId :
 CONM4

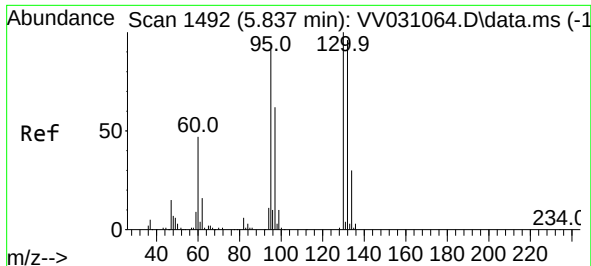
Tgt Ion:101 Resp: 1501
 Ion Ratio Lower Upper
 101 100
 103 74.4 51.8 77.8



#22
 cis-1,2-Dichloroethene
 Concen: 0.436 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV031077.D
 Acq: 17 May 2023 16:31

Tgt Ion: 96 Resp: 3230
 Ion Ratio Lower Upper
 96 100
 61 124.1 86.0 159.6
 98 65.4 43.2 80.2

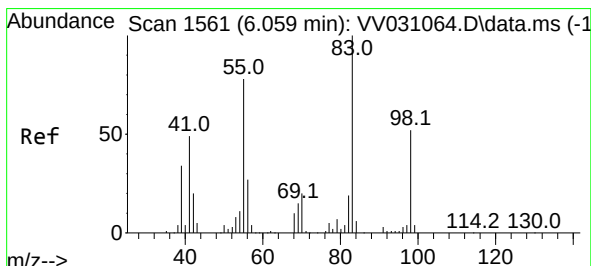
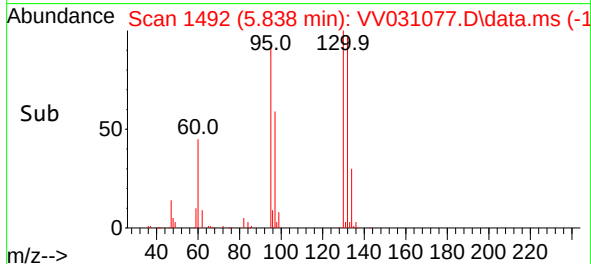
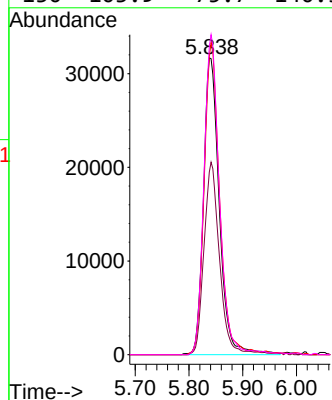
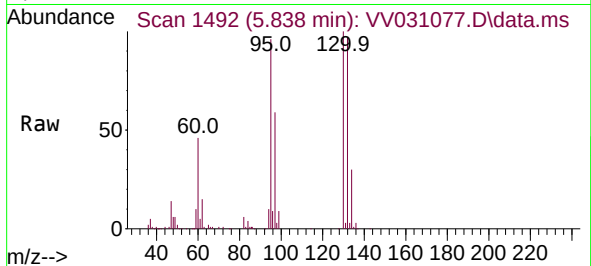




#34
Trichloroethene
Concen: 8.329 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031077.D
Acq: 17 May 2023 16:31

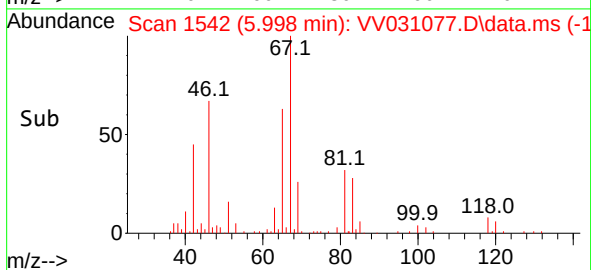
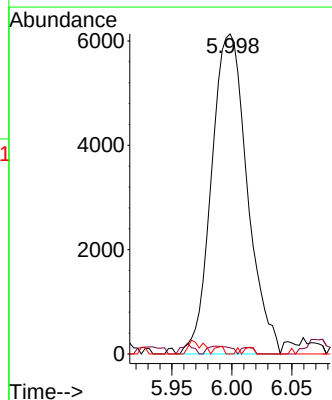
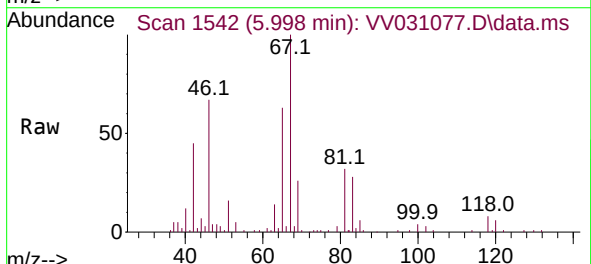
Instrument :
MSVOA_V
ClientSampleId :
CONM4

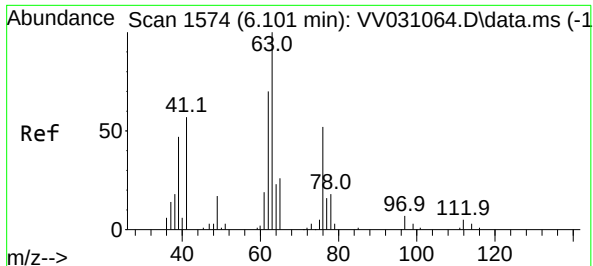
Tgt Ion:	95	Resp:	64804
Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.2	85.8
132	100.4	72.7	135.1
130	103.9	75.7	140.5



#35
Methylcyclohexane
Concen: 1.052 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV031077.D
Acq: 17 May 2023 16:31

Tgt Ion:	83	Resp:	12688
Ion	Ratio	Lower	Upper
83	100		
55	1.6	62.9	94.3#
98	0.6	40.5	60.7#





#37

1,2-Dichloropropane

Concen: 0.953 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV031077.D

Acq: 17 May 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

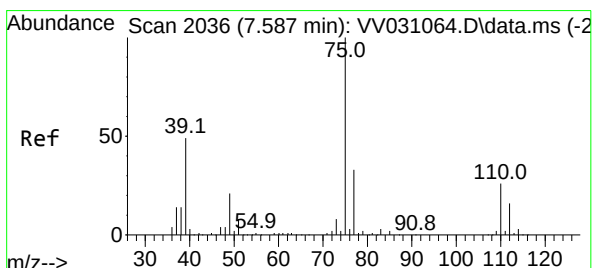
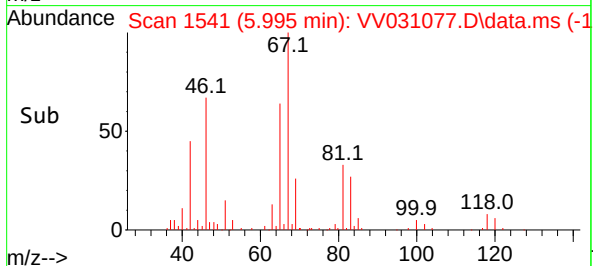
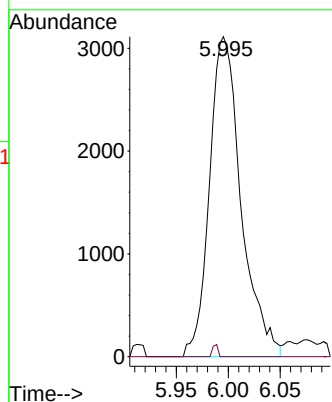
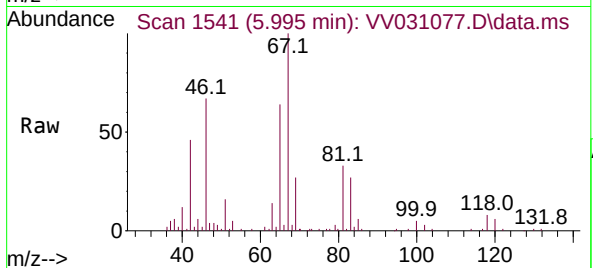
CONM4

Tgt Ion: 63 Resp: 6598

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.160 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.022 min

Lab File: VV031077.D

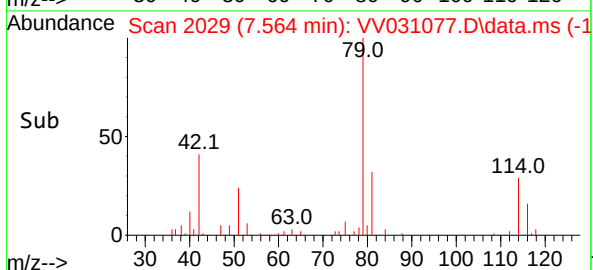
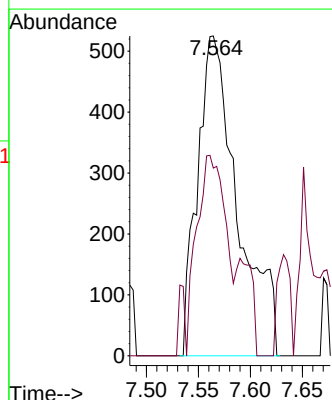
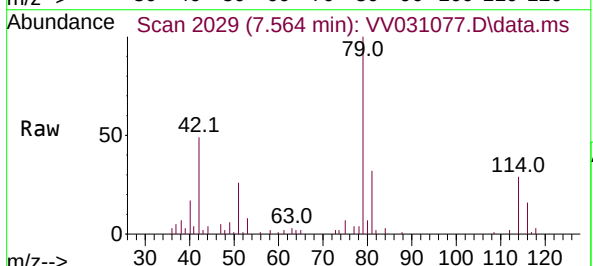
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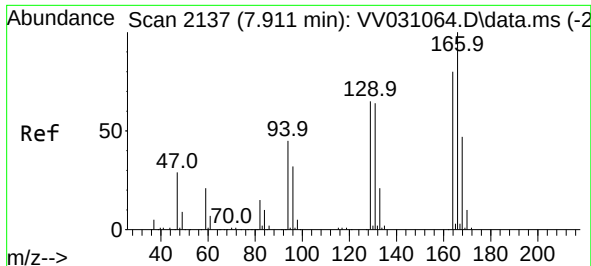
Tgt Ion: 75 Resp: 1413

Ion Ratio Lower Upper

75 100

77 58.7 21.6 40.0#





#47

Tetrachloroethene

Concen: 0.495 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031077.D

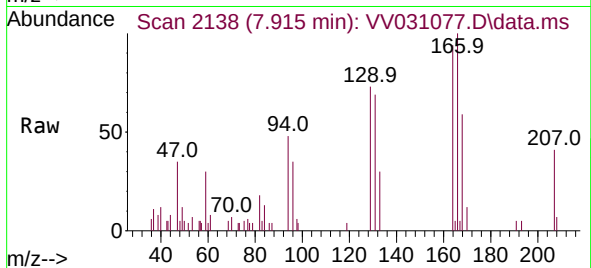
Acq: 17 May 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

CONM4



Tgt Ion:164 Resp: 3673

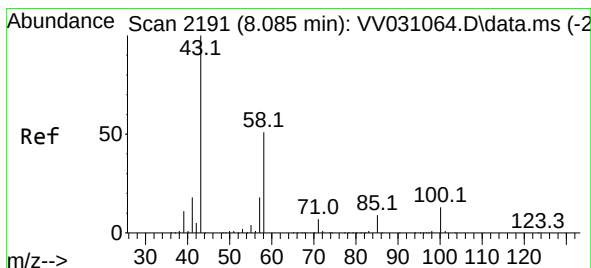
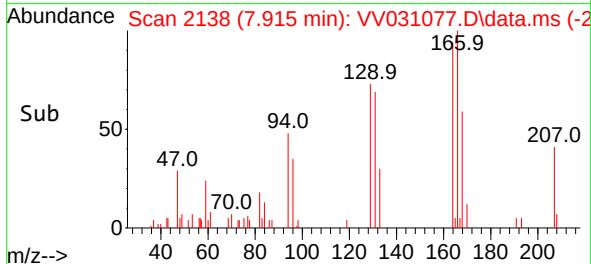
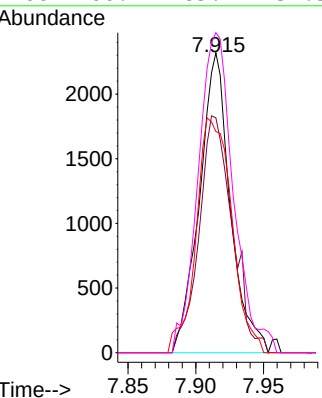
Ion Ratio Lower Upper

164 100

129 78.4 60.5 112.3

131 73.7 60.8 112.8

166 106.7 85.9 159.5



#48

2-Hexanone

Concen: 2.945 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.007 min

Lab File: VV031077.D

Acq: 17 May 2023 16:31

Tgt Ion: 43 Resp: 8102

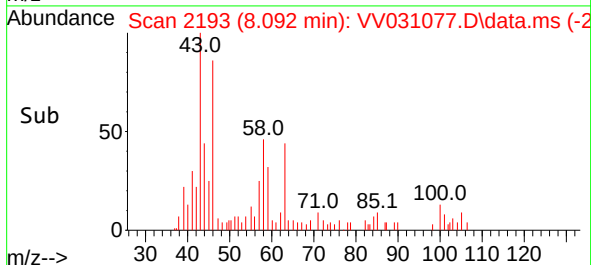
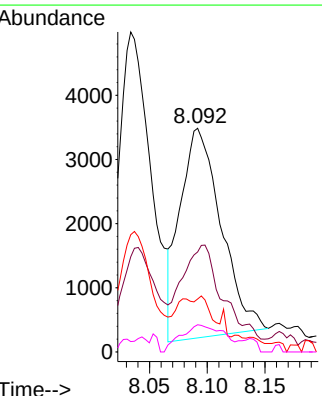
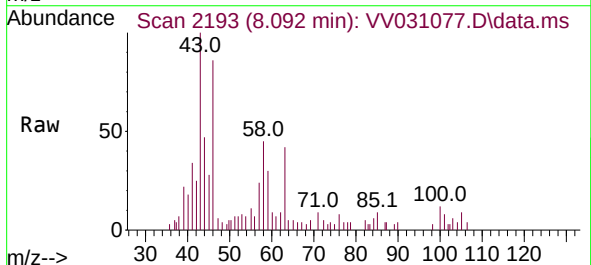
Ion Ratio Lower Upper

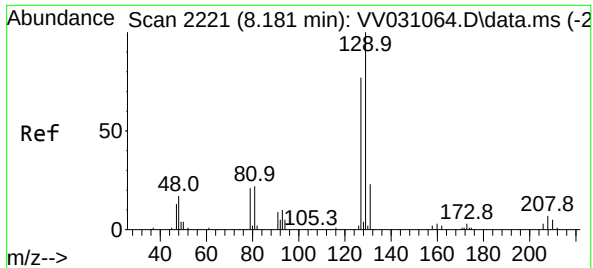
43 100

58 55.7 39.9 59.9

57 3.3 14.1 21.1#

100 13.2 9.7 14.5





#49

Dibromochloromethane

Concen: 0.475 ug/L

RT: 7.912 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV031077.D

Acq: 17 May 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

CONM4

Tgt Ion:129 Resp: 3070

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#

