

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051723\
 Data File : VV031081.D
 Acq On : 17 May 2023 18:10
 Operator : SY/MD
 Sample : 02822-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONN8

Quant Time: May 18 02:52:02 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)

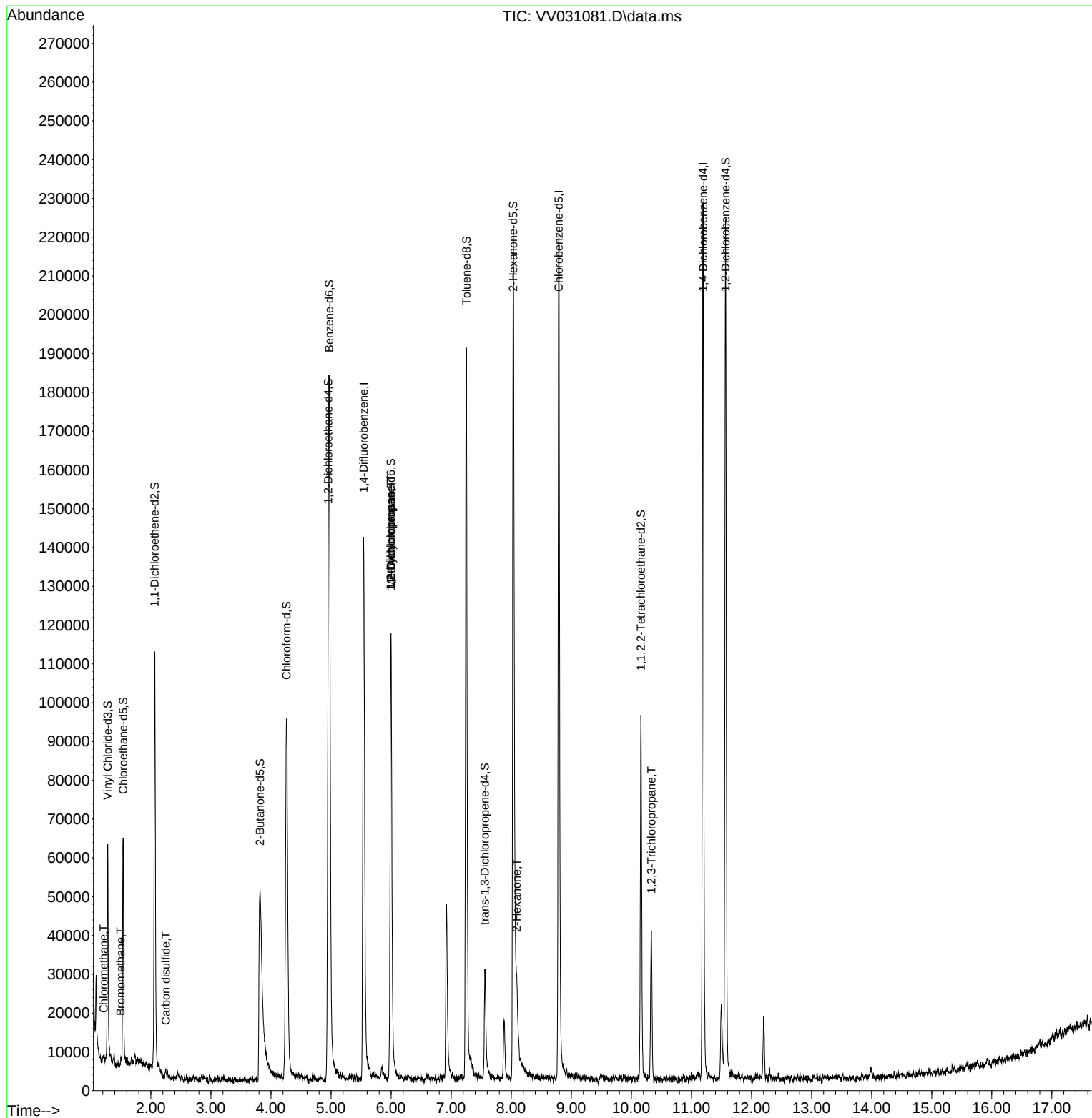
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121922	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	122151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32303	3.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.539	69	35154	4.290	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.063	65	18264	3.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.818	46	108894	61.132	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.260%	
24) Chloroform-d	4.256	84	98110	4.915	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	4.953	65	52537	5.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	4.970	84	155981	4.356	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	5.995	67	49531	4.757	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.252	98	131157	3.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.561	79	16098	4.125	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.034	63	76447	55.908	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.820%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38812	5.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	11.567	152	57233	4.820	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	1018	0.090	ug/L	99
6) Bromomethane	1.497	94	367	0.081	ug/L	82
14) Carbon disulfide	2.249	76	3176	0.148	ug/L #	92
35) Methylcyclohexane	5.998	83	13528	1.066	ug/L #	19
37) 1,2-Dichloropropane	5.998	63	6573	0.902	ug/L #	87
48) 2-Hexanone	8.092	43	9720	3.356	ug/L #	94
61) 1,2,3-Trichloropropane	10.336	75	512	0.128	ug/L #	62

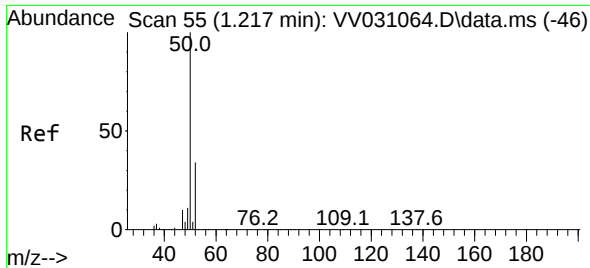
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 02:52:02 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 18 02:47:29 2023
Response via : Initial Calibration

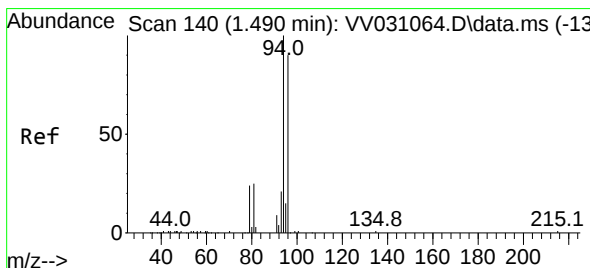
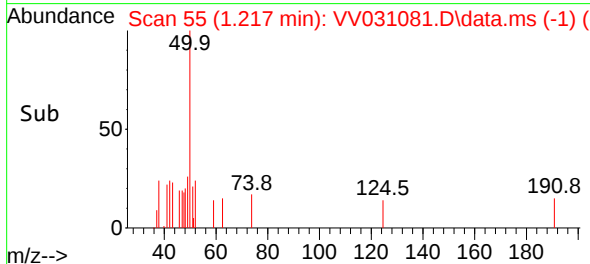
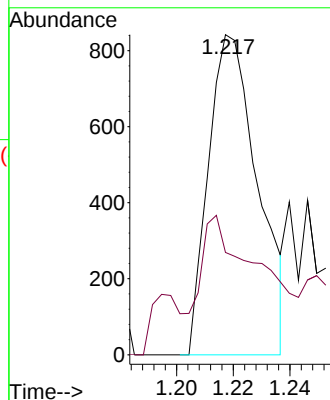
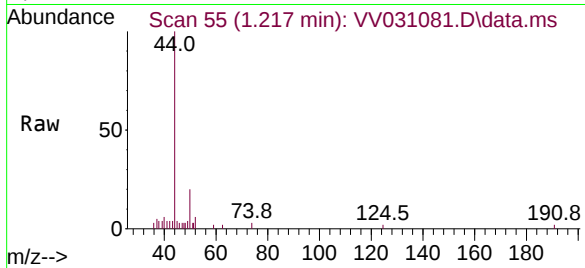




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031081.D
Acq: 17 May 2023 18:10

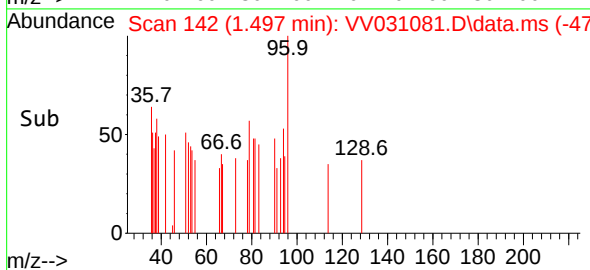
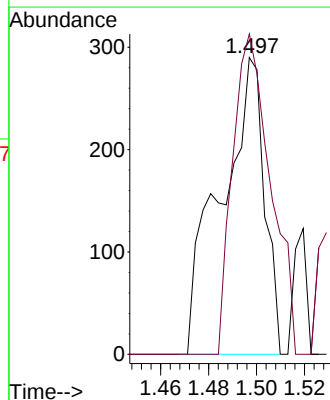
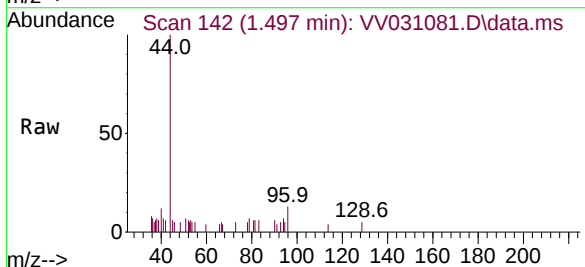
Instrument :
MSVOA_V
ClientSampleId :
CONN8

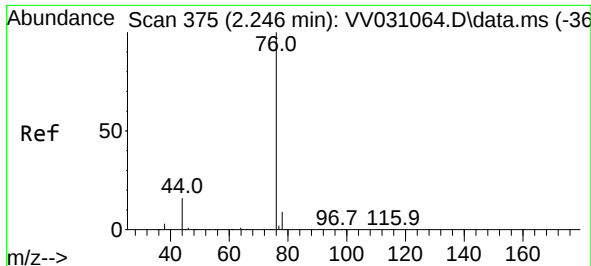
Tgt Ion: 50 Resp: 1018
Ion Ratio Lower Upper
50 100
52 31.9 22.8 42.4



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV031081.D
Acq: 17 May 2023 18:10

Tgt Ion: 94 Resp: 367
Ion Ratio Lower Upper
94 100
96 107.9 63.4 117.8





#14

Carbon disulfide

Concen: 0.148 ug/L

RT: 2.249 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031081.D

Acq: 17 May 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

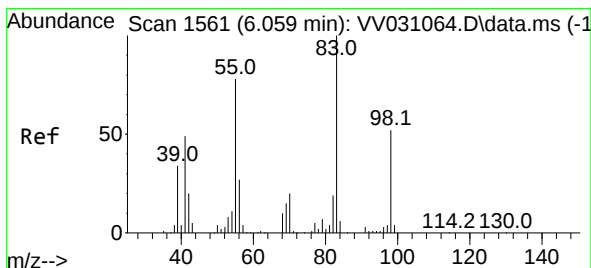
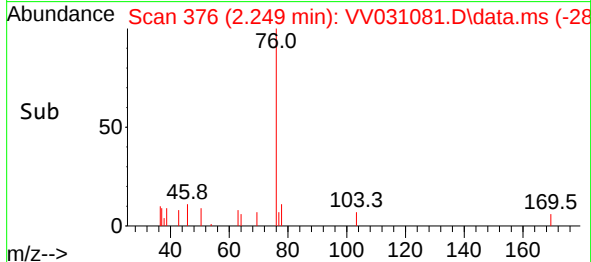
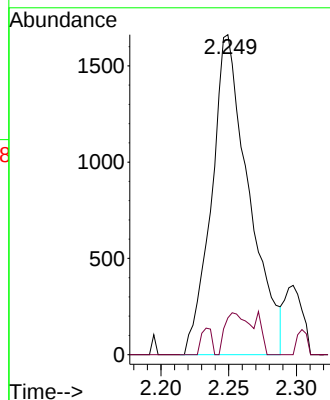
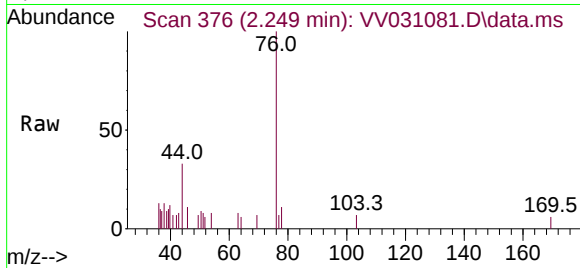
CONN8

Tgt Ion: 76 Resp: 3176

Ion Ratio Lower Upper

76 100

78 11.5 6.8 10.2#



#35

Methylcyclohexane

Concen: 1.066 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV031081.D

Acq: 17 May 2023 18:10

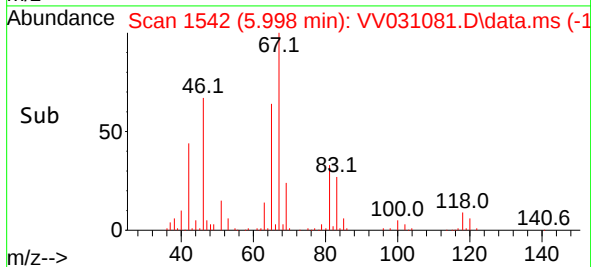
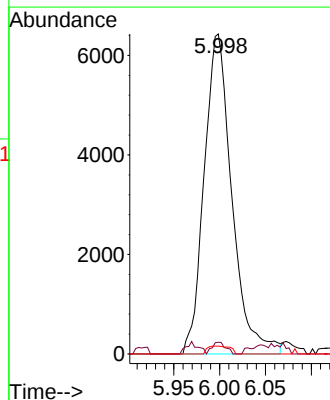
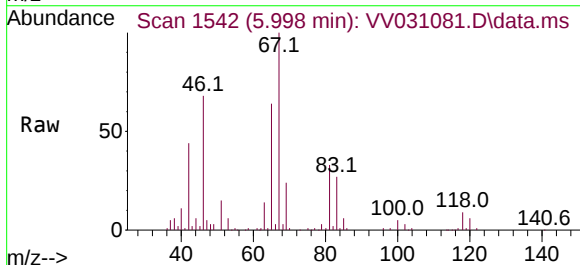
Tgt Ion: 83 Resp: 13528

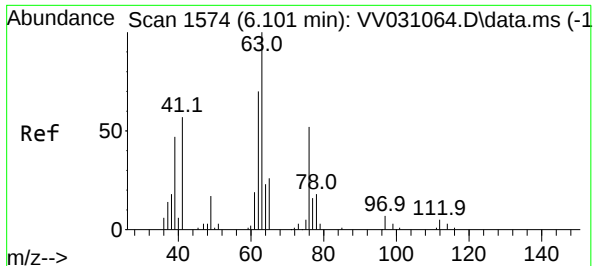
Ion Ratio Lower Upper

83 100

55 1.8 62.9 94.3#

98 2.0 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 0.902 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031081.D

Acq: 17 May 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

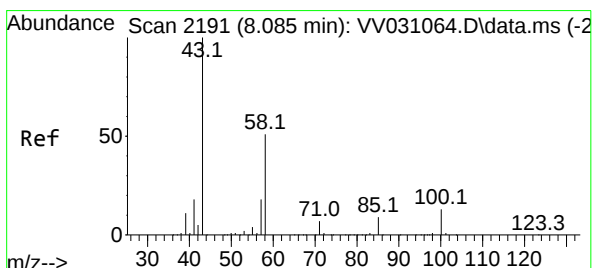
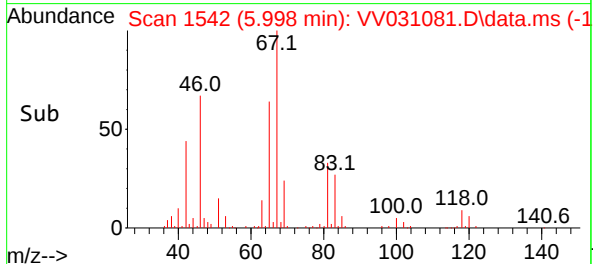
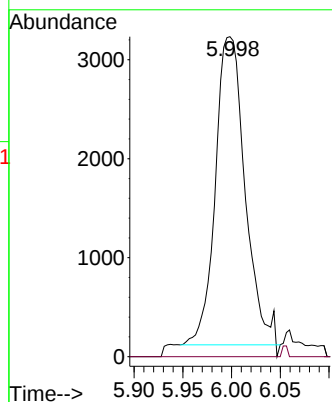
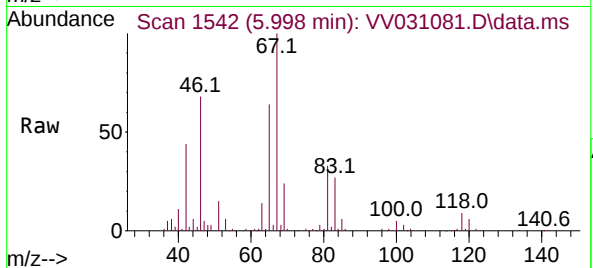
CONN8

Tgt Ion: 63 Resp: 6573

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#48

2-Hexanone

Concen: 3.356 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.007 min

Lab File: VV031081.D

Acq: 17 May 2023 18:10

Tgt Ion: 43 Resp: 9720

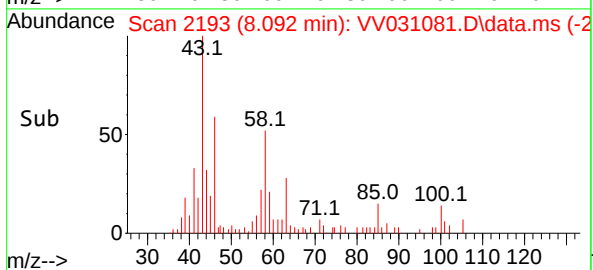
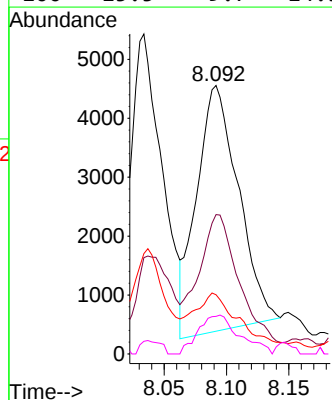
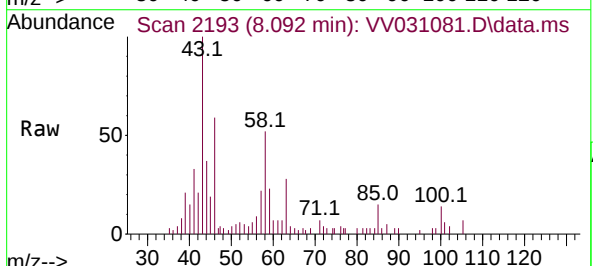
Ion Ratio Lower Upper

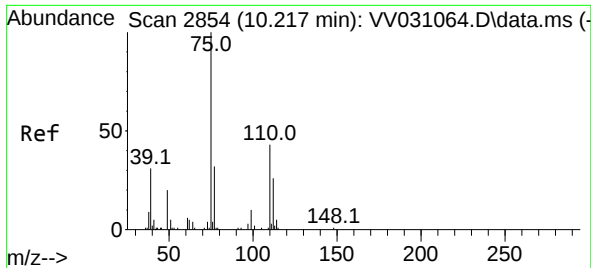
43 100

58 52.2 39.9 59.9

57 22.7 14.1 21.1#

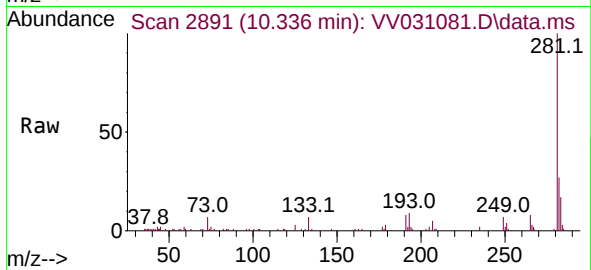
100 15.5 9.7 14.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.128 ug/L
 RT: 10.336 min Scan# 21
 Delta R.T. 0.119 min
 Lab File: VV031081.D
 Acq: 17 May 2023 18:10

Instrument :
 MSVOA_V
 ClientSampleId :
 CONN8



Tgt Ion: 75 Resp: 512
 Ion Ratio Lower Upper
 75 100
 77 41.8 25.3 37.9#
 110 9.6 34.0 51.0#

