

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102323\
 Data File : VW032578.D
 Acq On : 23 Oct 2023 18:18
 Operator : SY/MD
 Sample : 04994-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:48:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

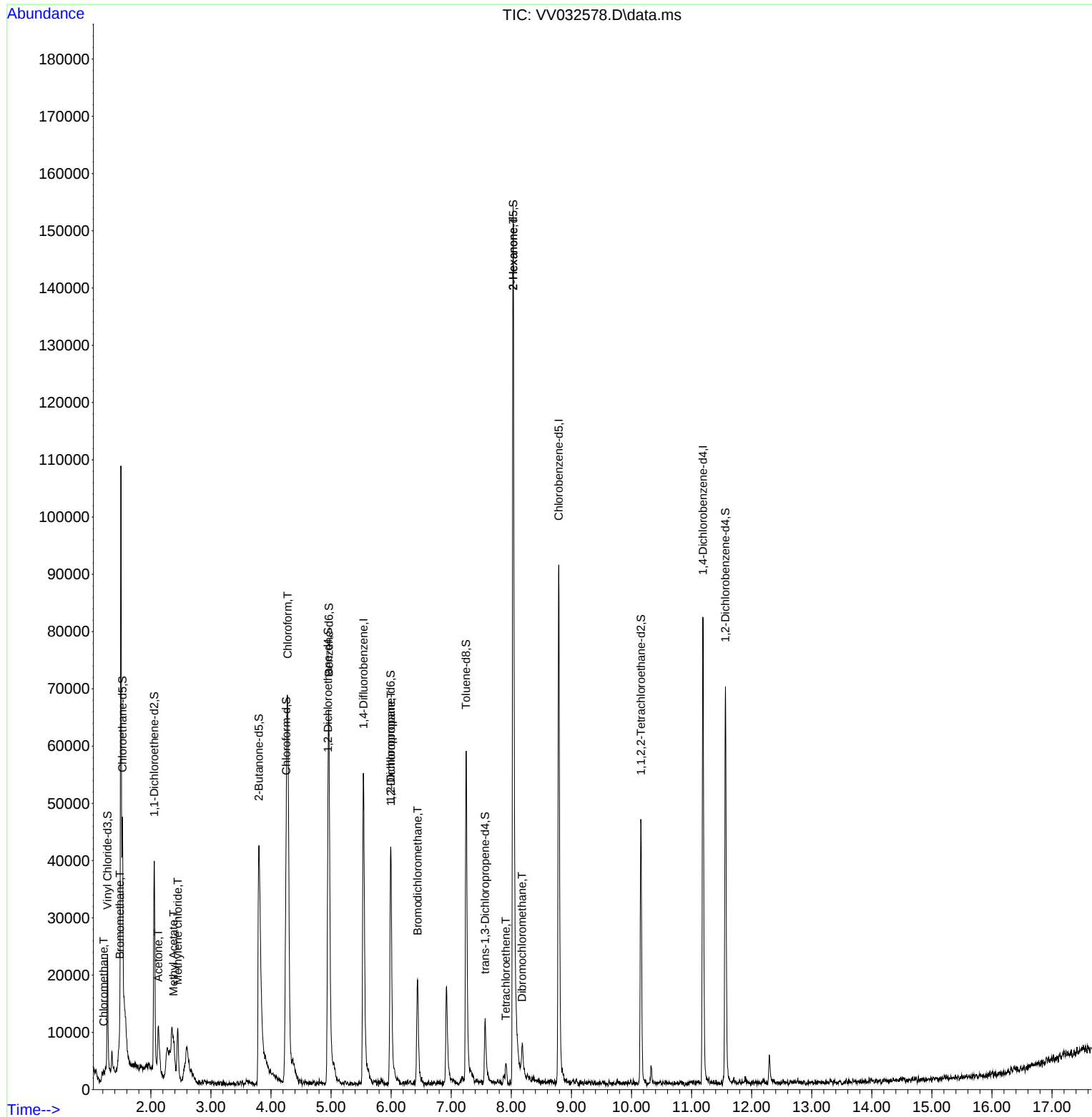
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	48441	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	49757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	20916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	13529	3.434	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.600%	
7) Chloroethane-d5	1.526	69	18487	5.781	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.600%	
11) 1,1-Dichloroethene-d2	2.056	65	6128	3.688	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.800%	
20) 2-Butanone-d5	3.799	46	73638	73.889	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	147.780%#	
24) Chloroform-d	4.252	84	34874	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	4.947	65	20113	6.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	122.200%	
32) Benzene-d6	4.963	84	54372	3.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
36) 1,2-Dichloropropane-d6	5.992	67	20029	4.129	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.600%	
41) Toluene-d8	7.246	98	38996	2.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	58.200%#	
43) trans-1,3-Dichloroprop...	7.564	79	7021	4.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.030	63	54061	66.844	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.680%#	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22773	6.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	134.200%#	
66) 1,2-Dichlorobenzene-d4	11.564	152	17472	4.502	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						Qvalue
3) Chloromethane	1.214	50	666	0.122	ug/L #	66
6) Bromomethane	1.484	94	374	0.119	ug/L	100
13) Acetone	2.124	43	9443	12.294	ug/L	98
15) Methyl Acetate	2.378	43	5649	3.267	ug/L	99
16) Methylene chloride	2.449	84	3668	0.792	ug/L	99
25) Chloroform	4.278	83	58776	7.826	ug/L	99
37) 1,2-Dichloropropane	5.995	63	2411	0.515	ug/L #	87
38) Bromodichloromethane	6.439	83	13207	2.372	ug/L	95
47) Tetrachloroethene	7.908	164	956	0.264	ug/L	83
48) 2-Hexanone	8.030	43	7165	3.425	ug/L #	74
49) Dibromochloromethane	8.178	129	2484	0.722	ug/L	98

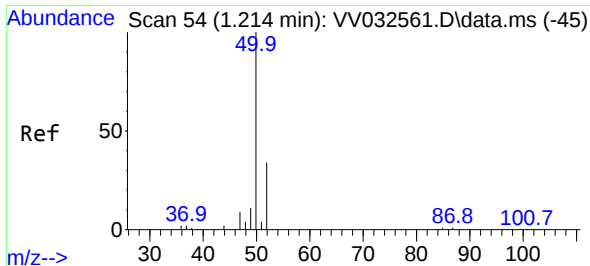
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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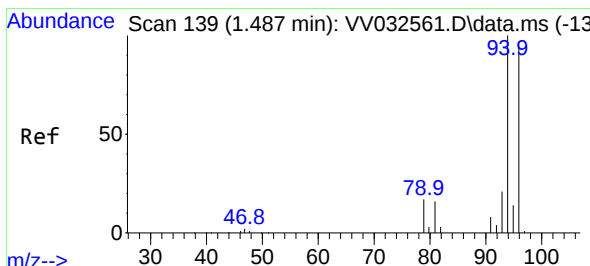
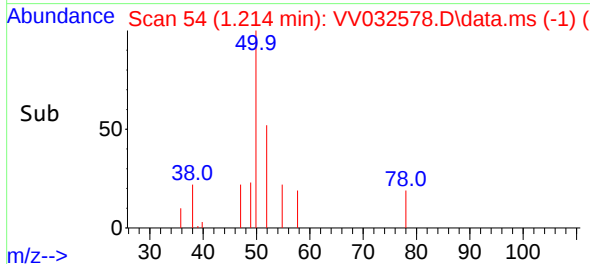
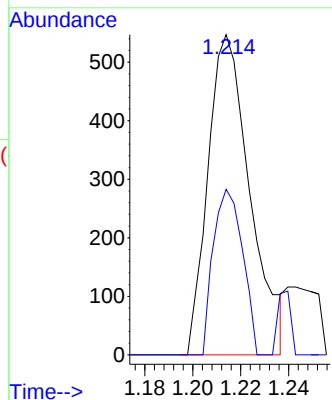
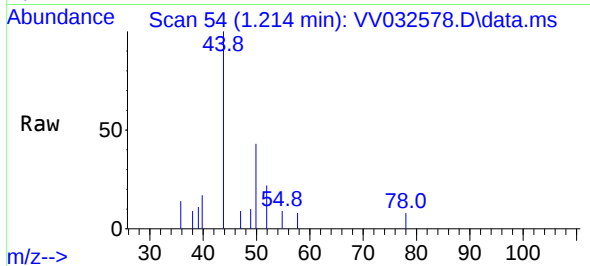




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032578.D
Acq: 23 Oct 2023 18:18

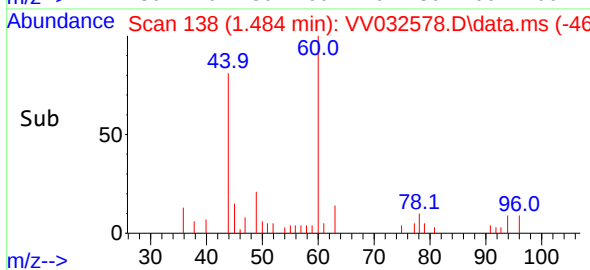
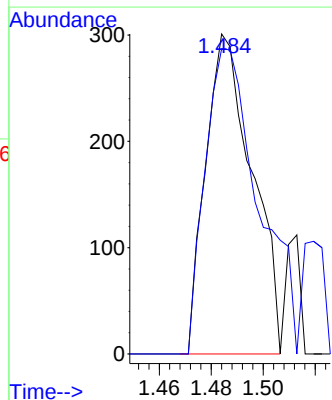
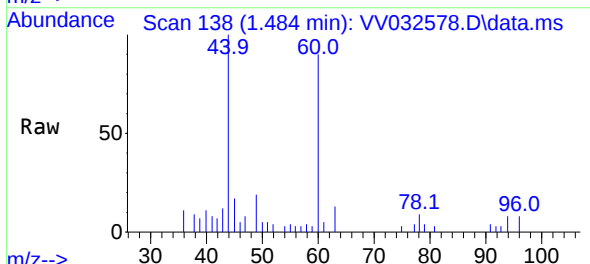
Instrument :
MSVOA_V
ClientSampleId :

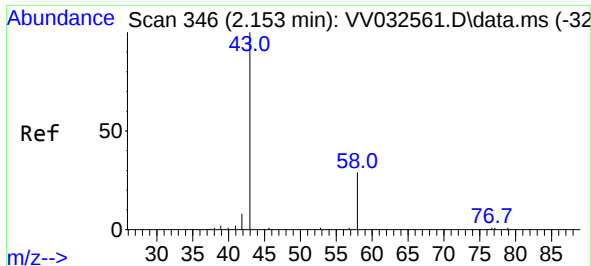
Tgt Ion: 50 Resp: 666
Ion Ratio Lower Upper
50 100
52 51.7 23.0 42.6#



#6
Bromomethane
Concen: 0.119 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.003 min
Lab File: VV032578.D
Acq: 23 Oct 2023 18:18

Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 95.3 66.8 124.2





#13

Acetone

Concen: 12.294 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV032578.D

Acq: 23 Oct 2023 18:18

Instrument :

MSVOA_V

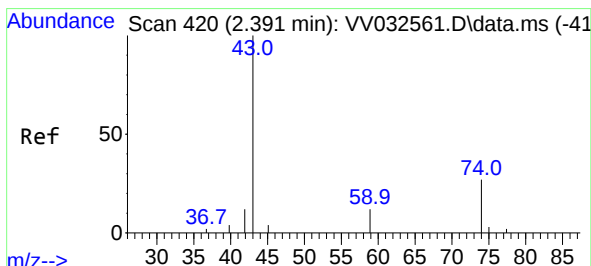
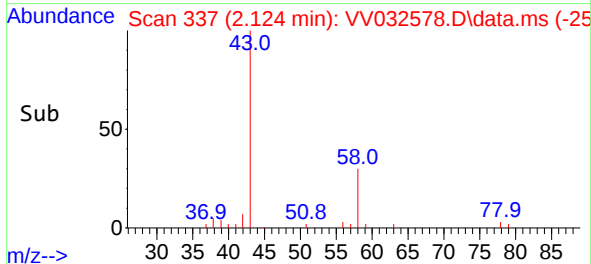
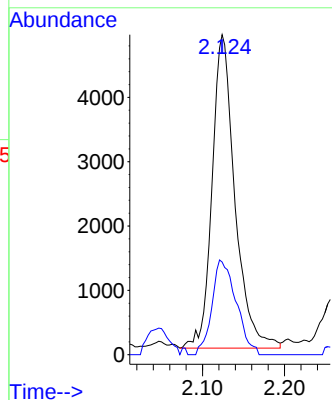
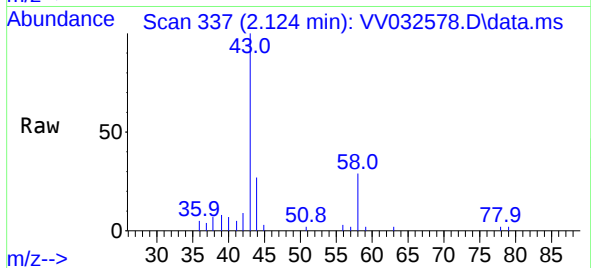
ClientSampleId :

Tgt Ion: 43 Resp: 9443

Ion Ratio Lower Upper

43 100

58 32.0 0.0 66.0



#15

Methyl Acetate

Concen: 3.267 ug/L

RT: 2.378 min Scan# 416

Delta R.T. -0.010 min

Lab File: VV032578.D

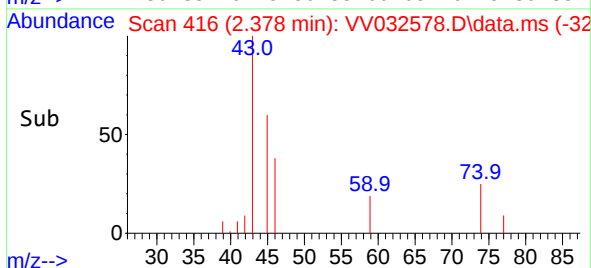
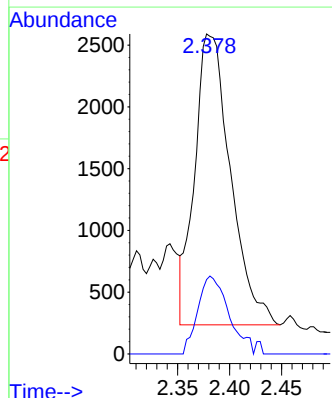
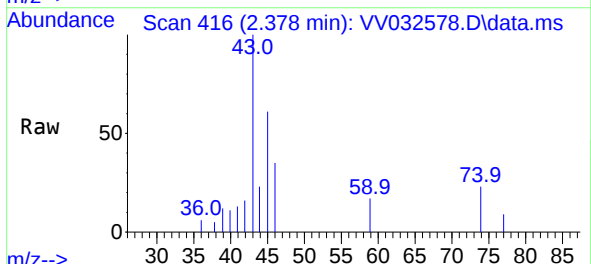
Acq: 23 Oct 2023 18:18

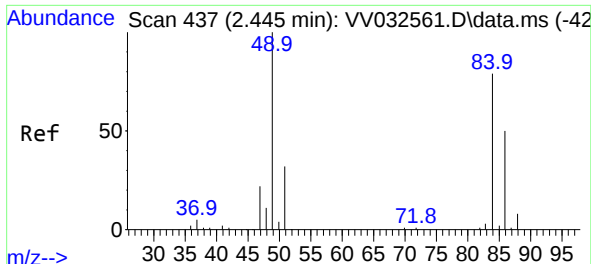
Tgt Ion: 43 Resp: 5649

Ion Ratio Lower Upper

43 100

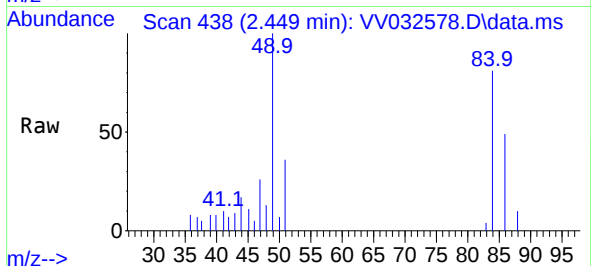
74 23.1 18.0 27.0





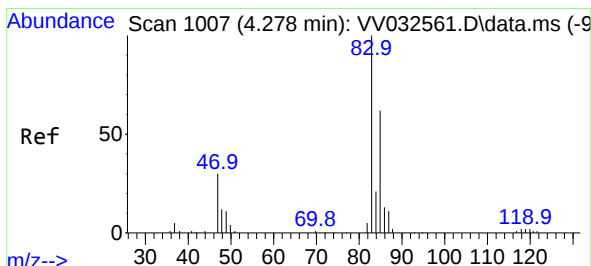
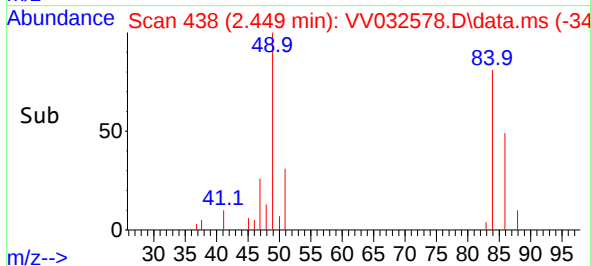
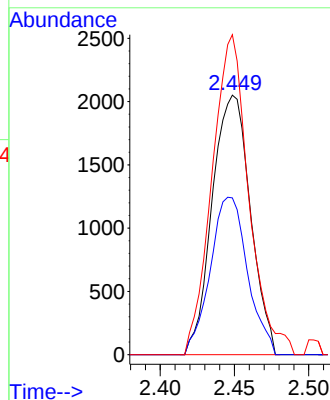
#16
Methylene chloride
Concen: 0.792 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032578.D
Acq: 23 Oct 2023 18:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3668

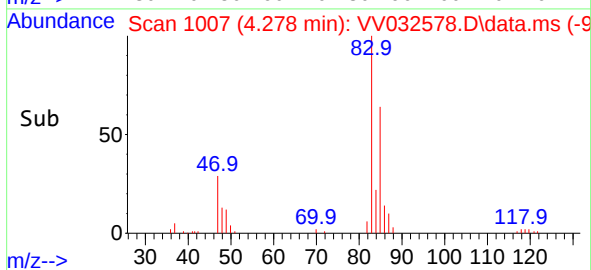
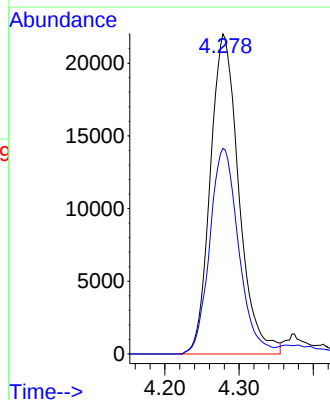
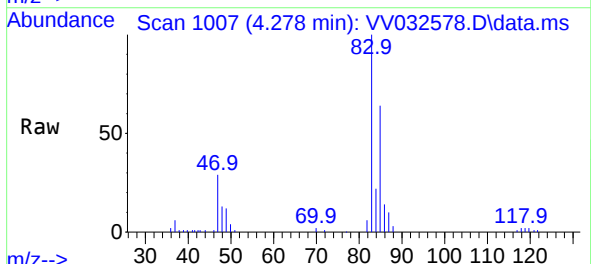
Ion	Ratio	Lower	Upper
84	100		
86	60.4	43.2	80.2
49	123.3	86.3	160.3

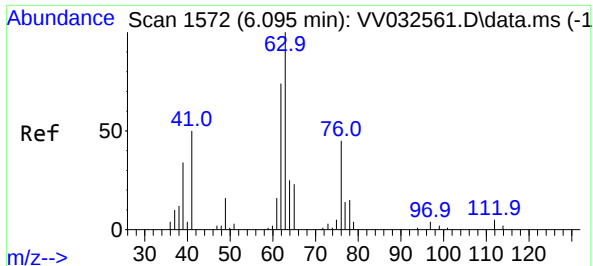


#25
Chloroform
Concen: 7.826 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032578.D
Acq: 23 Oct 2023 18:18

Tgt Ion: 83 Resp: 58776

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.4	84.4





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV032578.D

Acq: 23 Oct 2023 18:18

Instrument :

MSVOA_V

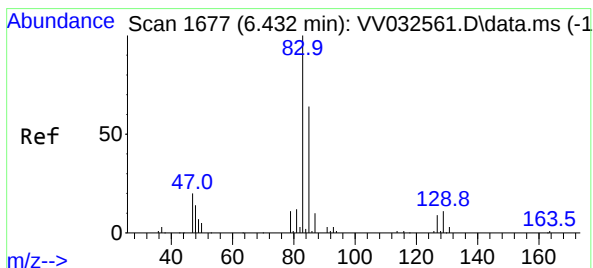
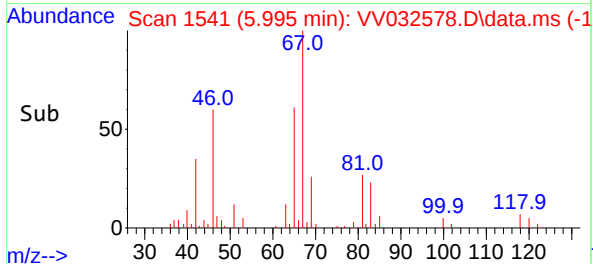
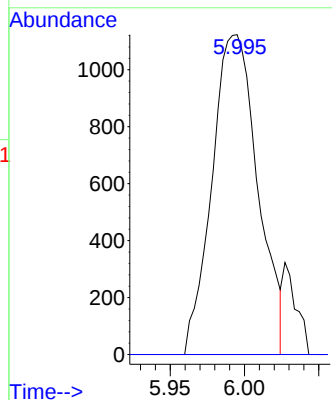
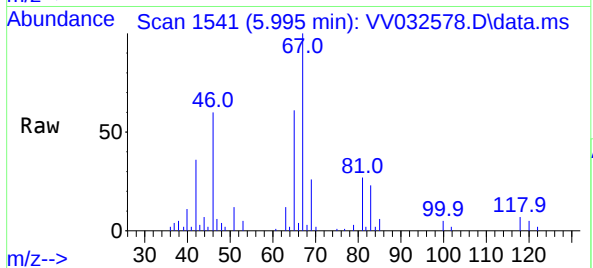
ClientSampleId :

Tgt Ion: 63 Resp: 2411

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.372 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032578.D

Acq: 23 Oct 2023 18:18

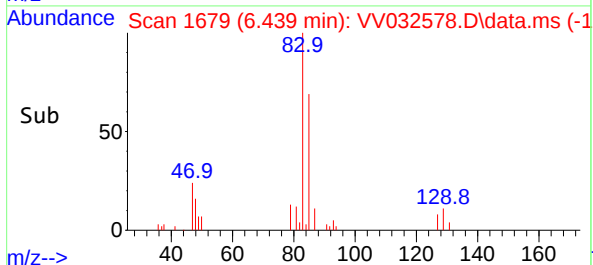
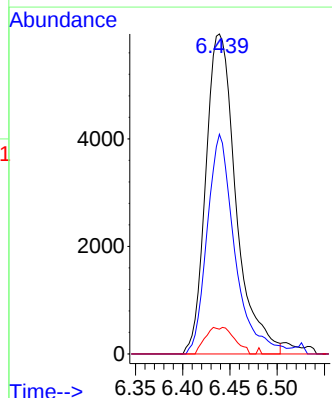
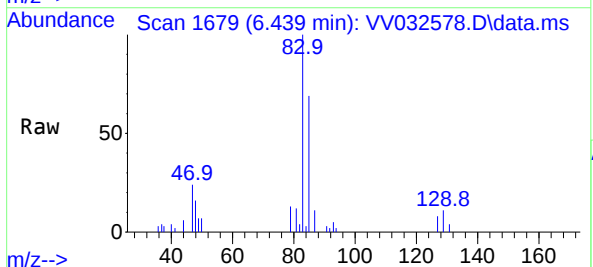
Tgt Ion: 83 Resp: 13207

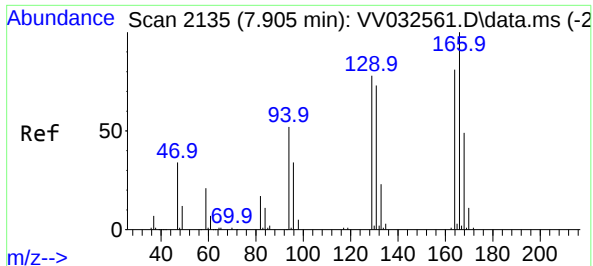
Ion Ratio Lower Upper

83 100

85 68.6 44.9 83.3

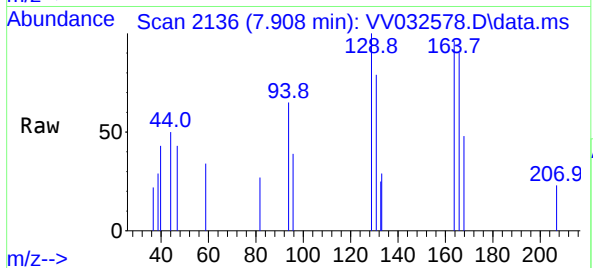
127 7.7 6.9 10.3





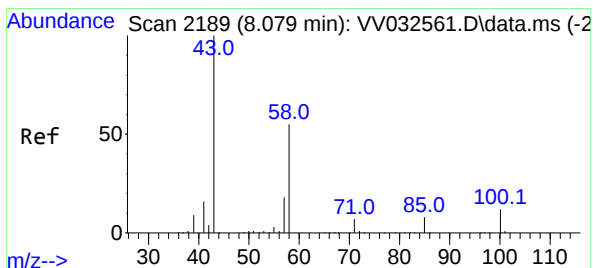
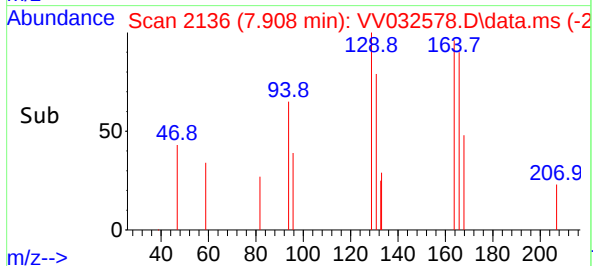
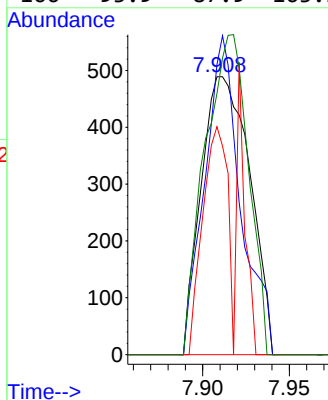
#47
Tetrachloroethene
Concen: 0.264 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV032578.D
Acq: 23 Oct 2023 18:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 956

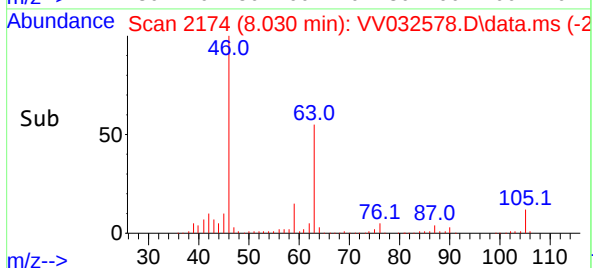
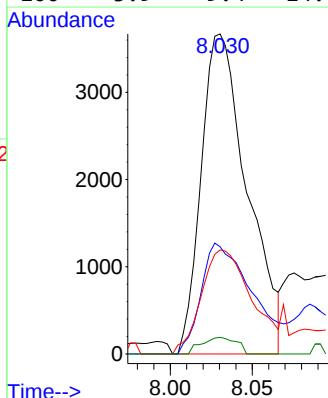
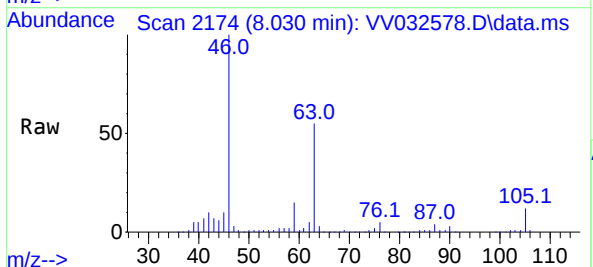
Ion	Ratio	Lower	Upper
164	100		
129	104.3	66.4	123.4
131	82.0	63.7	118.3
166	93.9	87.9	163.3

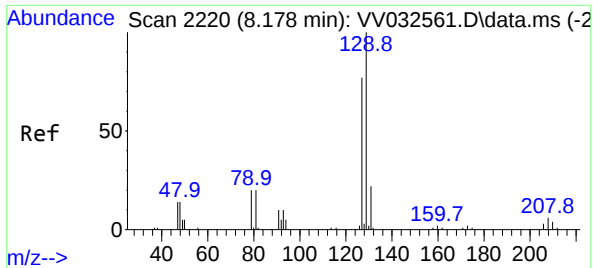


#48
2-Hexanone
Concen: 3.425 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.051 min
Lab File: VV032578.D
Acq: 23 Oct 2023 18:18

Tgt Ion: 43 Resp: 7165

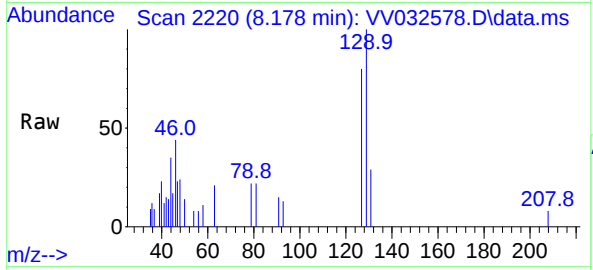
Ion	Ratio	Lower	Upper
43	100		
58	38.4	43.6	65.4#
57	35.5	14.6	22.0#
100	3.9	9.4	14.0#





#49
 Dibromochloromethane
 Concen: 0.722 ug/L
 RT: 8.178 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV032578.D
 Acq: 23 Oct 2023 18:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:129 Resp: 2484
 Ion Ratio Lower Upper
 129 100
 127 80.2 57.2 106.2

