

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032530.D
 Acq On : 20 Oct 2023 17:52
 Operator : SY/MD
 Sample : 04994-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 23:08:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

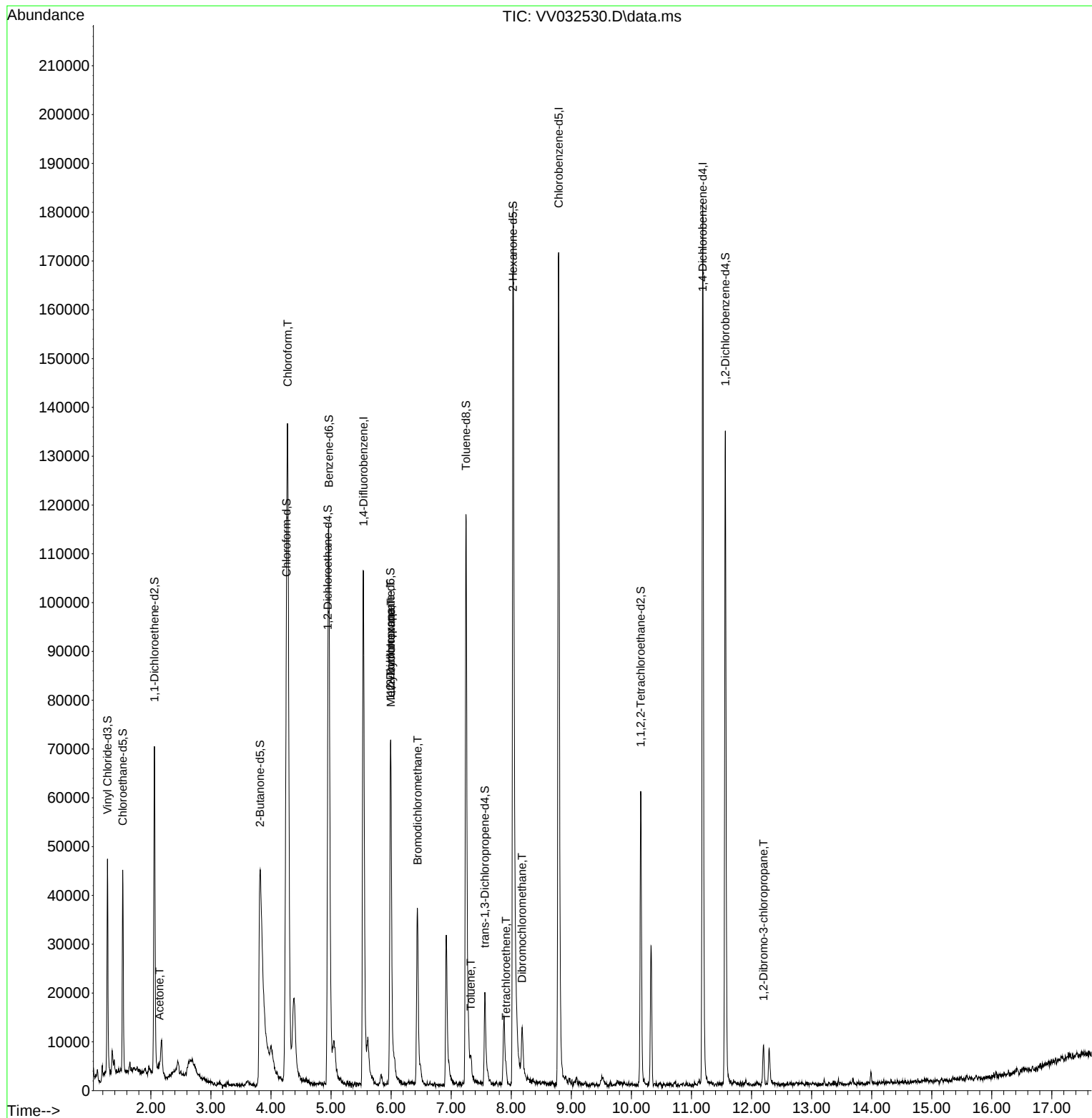
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	87092	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	98637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45856	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27414	3.870	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.400%	
7) Chloroethane-d5	1.532	69	26622	4.630	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.060	65	11164	3.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.800%	
20) 2-Butanone-d5	3.818	46	84462	47.138	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.280%	
24) Chloroform-d	4.256	84	57973	4.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	4.947	65	29584	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	4.963	84	101285	3.490	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.800%#	
36) 1,2-Dichloropropane-d6	5.989	67	34972	3.637	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.800%	
41) Toluene-d8	7.246	98	85142	3.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.200%#	
43) trans-1,3-Dichloroprop...	7.561	79	12301	3.610	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.200%	
46) 2-Hexanone-d5	8.031	63	66813	41.673	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.340%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29752	4.423	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	33224	3.904	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.000%#	
Target Compounds						
					Qvalue	
13) Acetone	2.143	43	5668	4.104	ug/L	81
25) Chloroform	4.278	83	121477	8.996	ug/L	99
35) Methylcyclohexane	5.995	83	7810	0.532	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	4328	0.466	ug/L #	87
38) Bromodichloromethane	6.439	83	27901	2.528	ug/L	98
42) Toluene	7.326	91	3140	0.085	ug/L	86
47) Tetrachloroethene	7.915	164	852	0.119	ug/L	84
49) Dibromochloromethane	8.182	129	4994	0.732	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.201	75	308	0.309	ug/L #	1

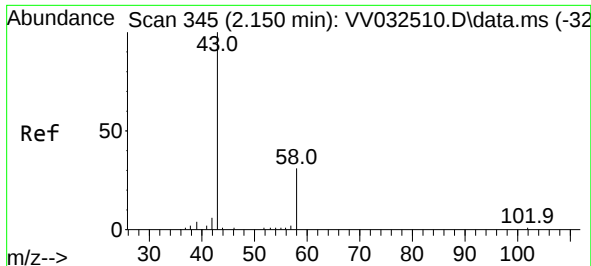
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.104 ug/L

RT: 2.143 min Scan# 345

Delta R.T. -0.006 min

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Instrument :

MSVOA_V

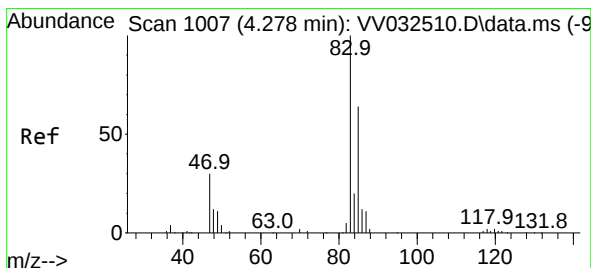
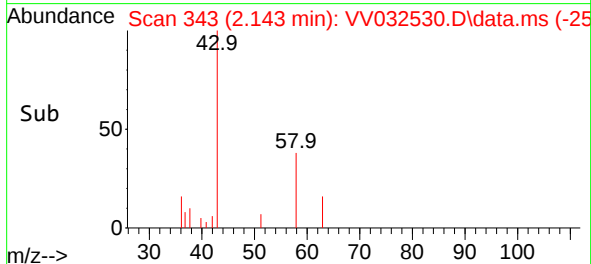
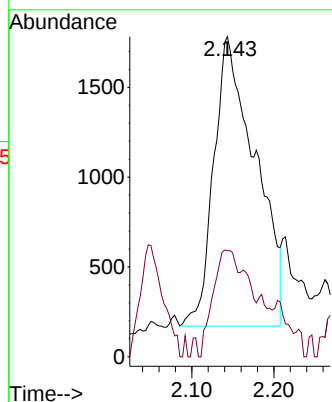
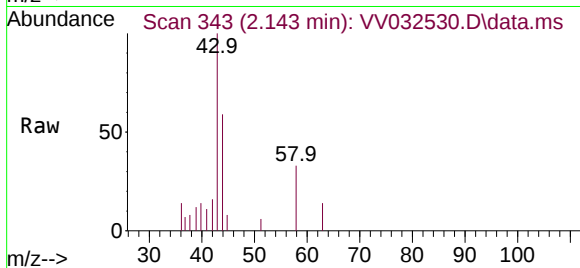
ClientSampleId :

Tgt Ion: 43 Resp: 5668

Ion Ratio Lower Upper

43 100

58 22.5 0.0 66.0



#25

Chloroform

Concen: 8.996 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV032530.D

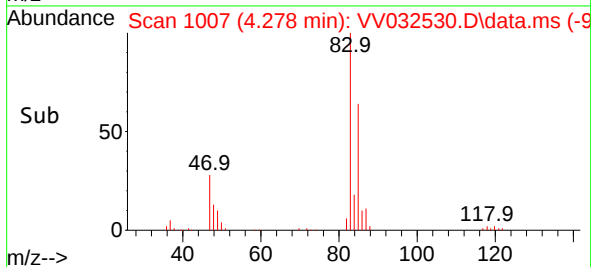
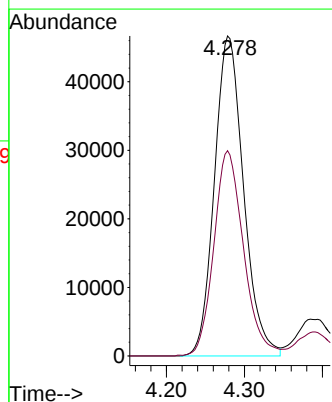
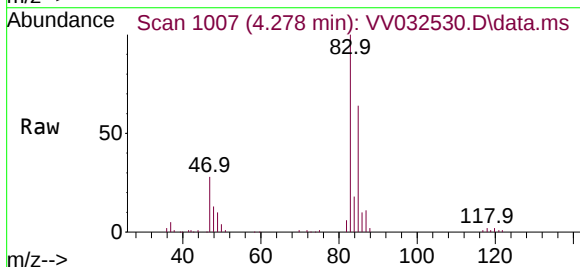
Acq: 20 Oct 2023 17:52

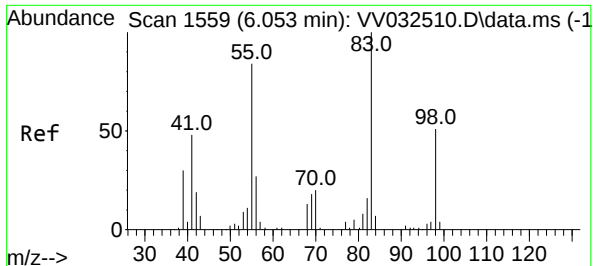
Tgt Ion: 83 Resp: 121477

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4





#35

Methylcyclohexane

Concen: 0.532 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV032530.D

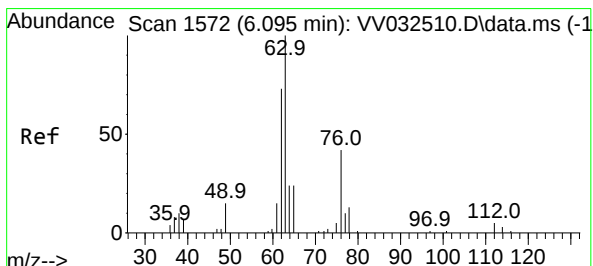
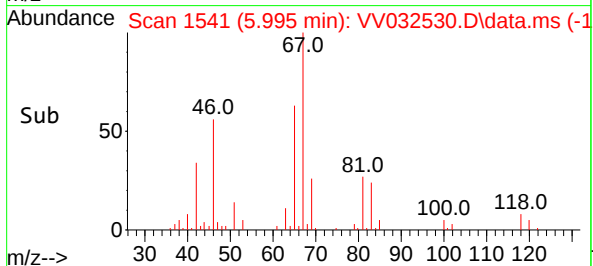
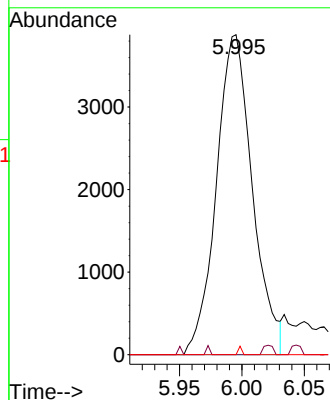
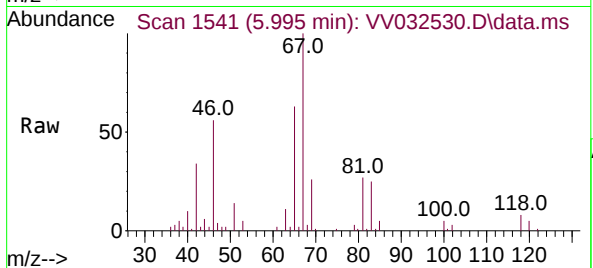
Acq: 20 Oct 2023 17:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7810
Ion Ratio	Lower Upper
83	100
55	0.8 64.2 96.2#
98	0.3 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.466 ug/L

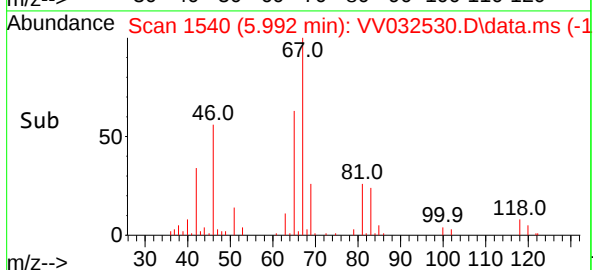
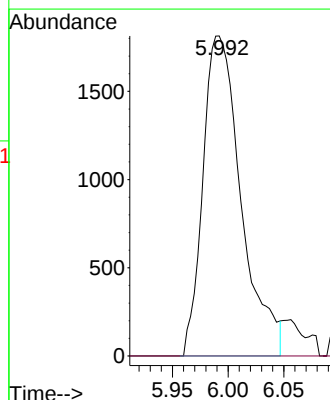
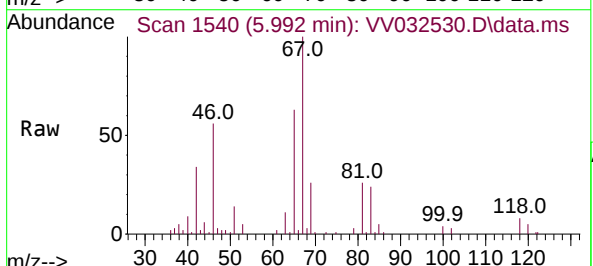
RT: 5.992 min Scan# 1540

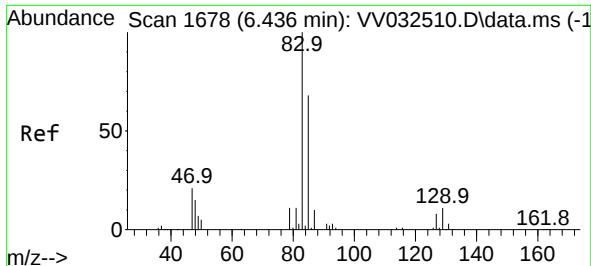
Delta R.T. -0.103 min

Lab File: VV032530.D

Acq: 20 Oct 2023 17:52

Tgt Ion: 63	Resp: 4328
Ion Ratio	Lower Upper
63	100
112	0.0 3.4 5.2#

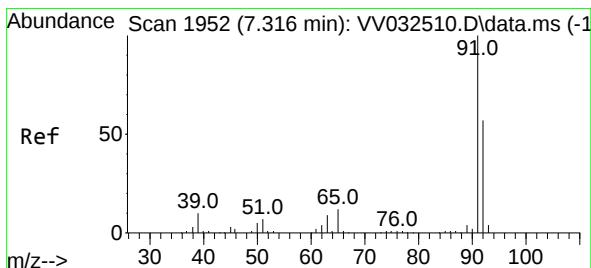
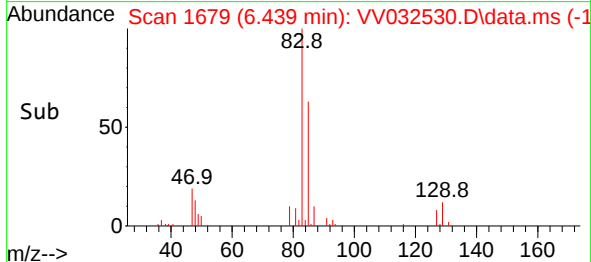
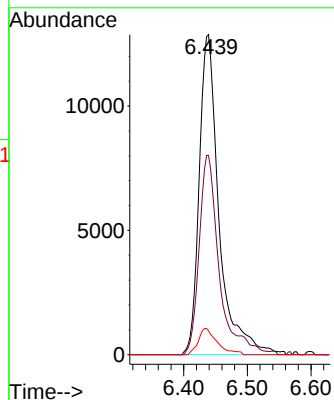
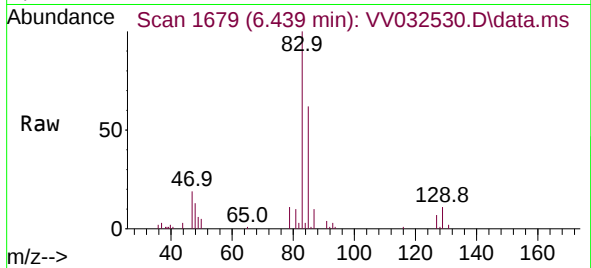




#38
Bromodichloromethane
Concen: 2.528 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032530.D
Acq: 20 Oct 2023 17:52

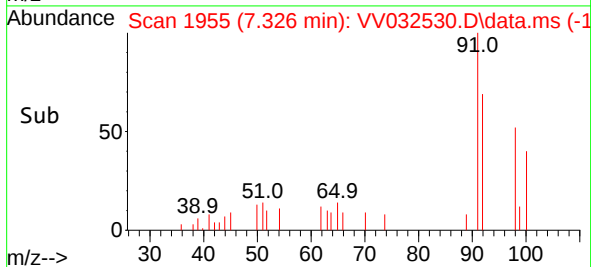
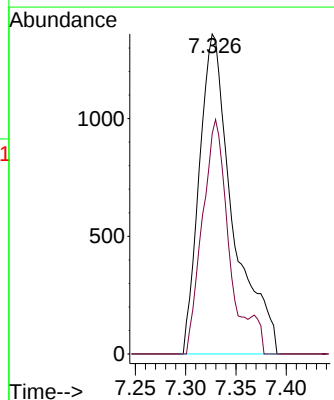
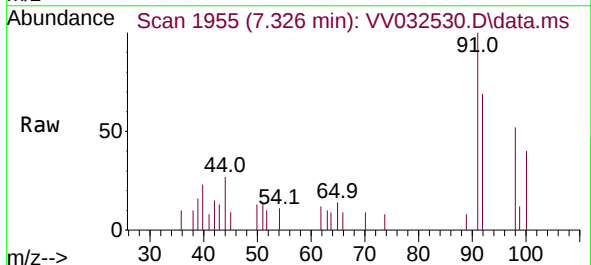
Instrument :
MSVOA_V
ClientSampleId :

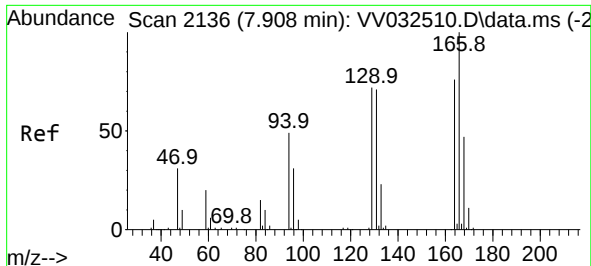
Tgt Ion: 83 Resp: 27901
Ion Ratio Lower Upper
83 100
85 62.2 44.9 83.3
127 7.5 6.9 10.3



#42
Toluene
Concen: 0.085 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.010 min
Lab File: VV032530.D
Acq: 20 Oct 2023 17:52

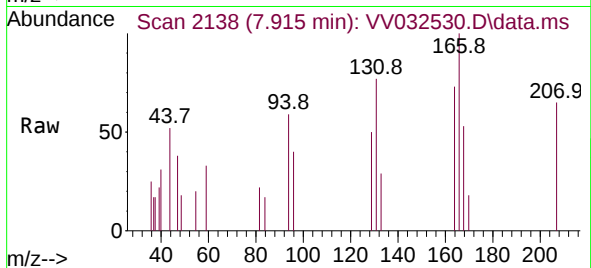
Tgt Ion: 91 Resp: 3140
Ion Ratio Lower Upper
91 100
92 68.8 40.8 75.8



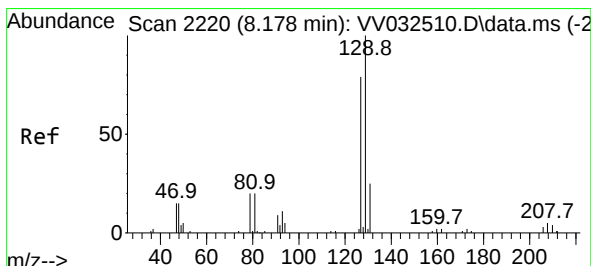
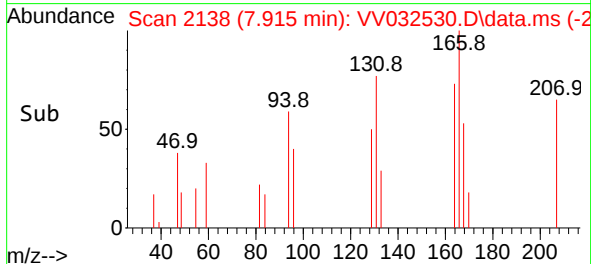
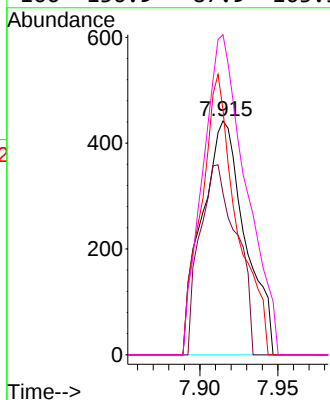


#47
Tetrachloroethene
Concen: 0.119 ug/L
RT: 7.915 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV032530.D
Acq: 20 Oct 2023 17:52

Instrument :
MSVOA_V
ClientSampleId :

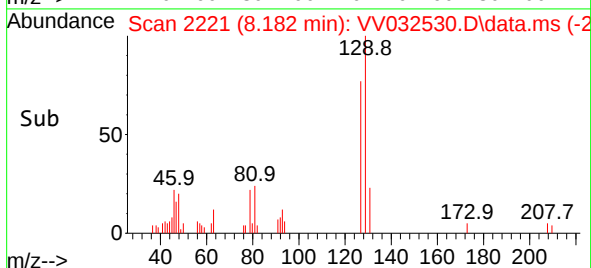
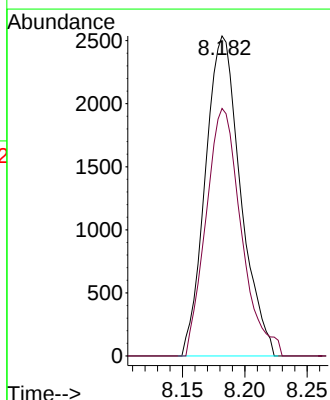
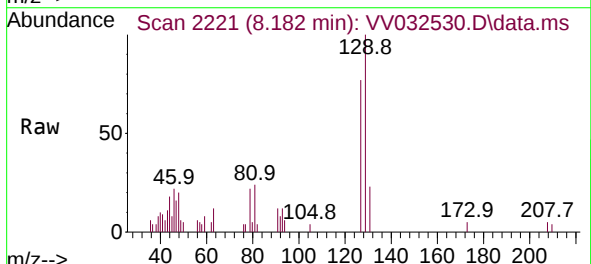


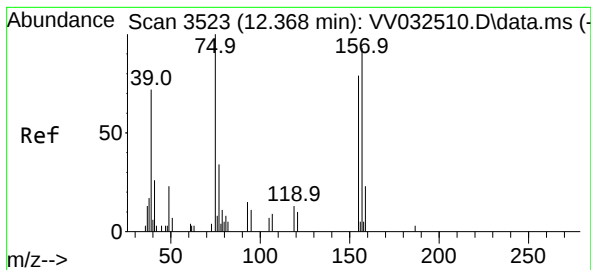
Tgt Ion:164 Resp: 852
Ion Ratio Lower Upper
164 100
129 69.0 66.4 123.4
131 104.8 63.7 118.3
166 136.9 87.9 163.3



#49
Dibromochloromethane
Concen: 0.732 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032530.D
Acq: 20 Oct 2023 17:52

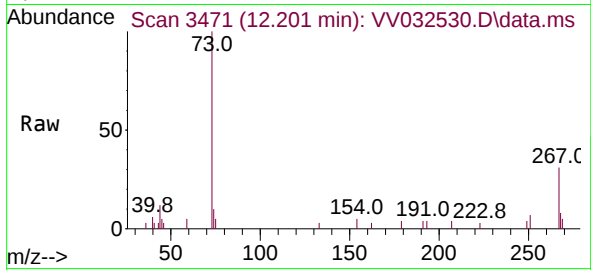
Tgt Ion:129 Resp: 4994
Ion Ratio Lower Upper
129 100
127 77.3 57.2 106.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.309 ug/L
 RT: 12.201 min Scan# 34
 Delta R.T. -0.167 min
 Lab File: VV032530.D
 Acq: 20 Oct 2023 17:52

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 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 308
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.2 105.4#
 157 0.0 90.6 135.8#

