

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036176.D
 Acq On : 20 Jun 2024 21:18
 Operator : SY/MD
 Sample : P2960-09
 Misc : 5.16g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:13:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

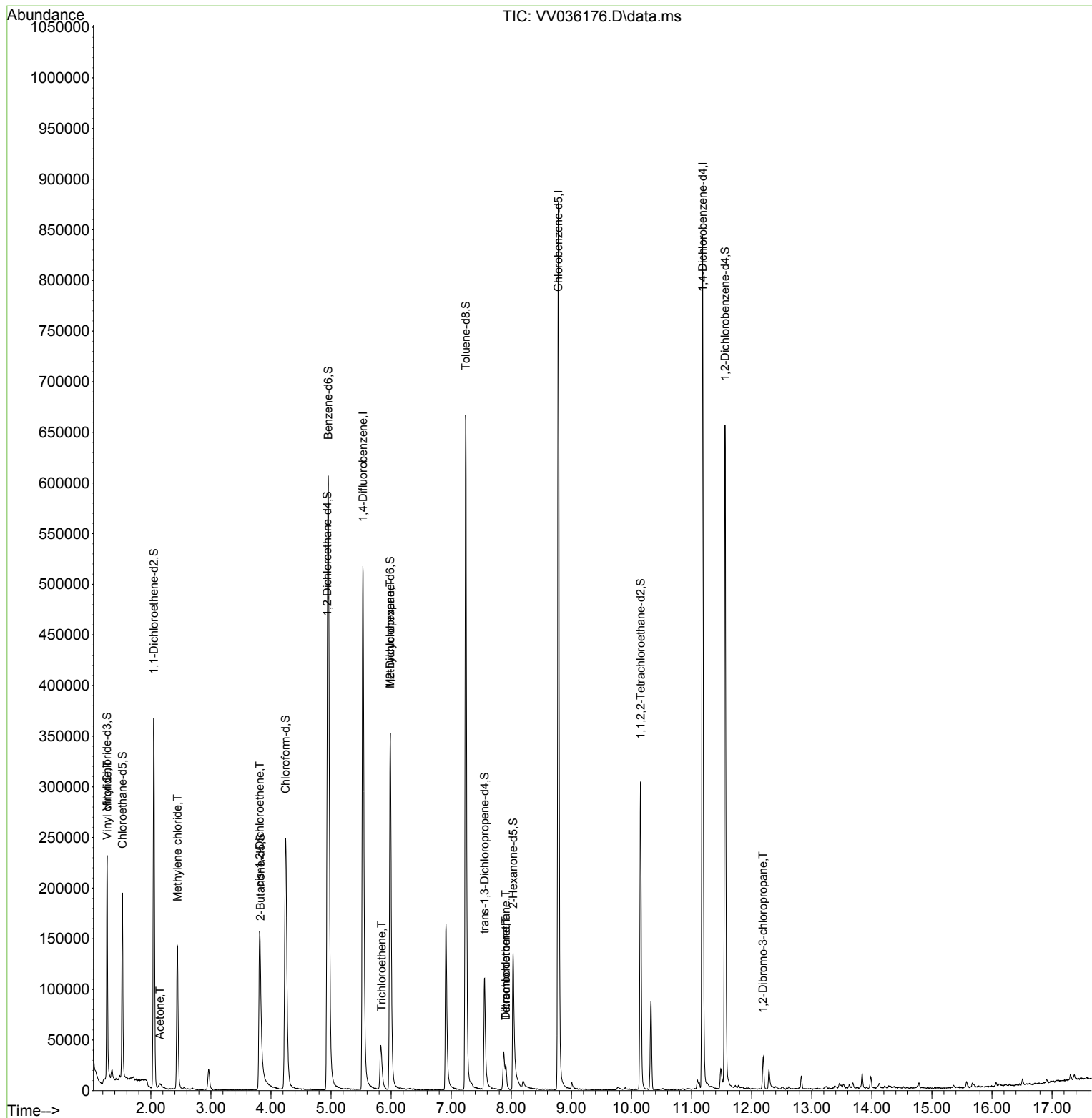
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	458308	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	484085	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	221815	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148204	17.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.360%
7) Chloroethane-d5	1.526	69	124223	18.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.960%
11) 1,1-Dichloroethene-d2	2.050	65	64053	17.076	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.320%
21) 2-Butanone-d5	3.825	46	55379	28.646	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.300%
24) Chloroform-d	4.243	84	275373	18.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	4.937	65	167009	21.861	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.440%
32) Benzene-d6	4.953	84	547150	19.015	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.040%
36) 1,2-Dichloropropane-d6	5.985	67	178328	19.679	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.720%
41) Toluene-d8	7.239	98	463666	18.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.040%
43) trans-1,3-Dichloroprop...	7.555	79	70715	19.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.120%
47) 2-Hexanone-d5	8.030	63	53459	43.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	151985	22.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	171863	21.128	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.520%
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	5775	0.578	ug/L #	46
13) Acetone	2.150	43	5211	1.730	ug/L	76
16) Methylene chloride	2.442	84	64192	6.190	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	76887	9.815	ug/L	99
34) Trichloroethene	5.841	95	6838	0.705	ug/L	99
35) Methylcyclohexane	5.985	83	42504	3.167	ug/L #	20
46) Tetrachloroethene	7.908	164	5601	0.789	ug/L	94
49) Dibromochloromethane	7.908	129	4935	0.656	ug/L #	11
68) 1,2-Dibromo-3-chloropr...	12.191	75	1007	0.858	ug/L #	4

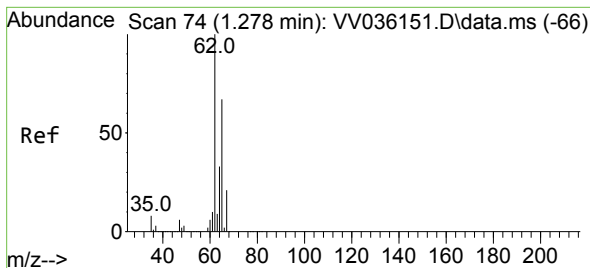
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 21 05:13:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.578 ug/L

RT: 1.275 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV036176.D

Acq: 20 Jun 2024 21:18

Instrument :

MSVOA_V

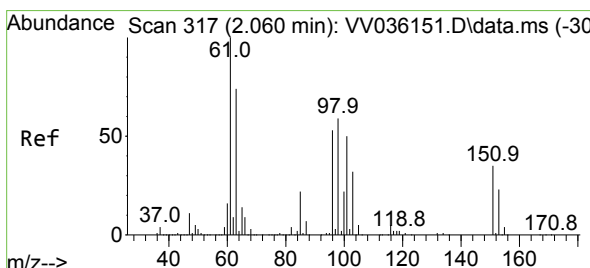
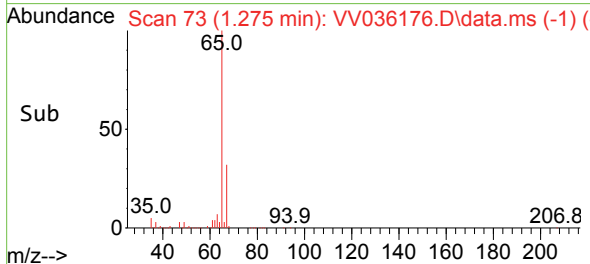
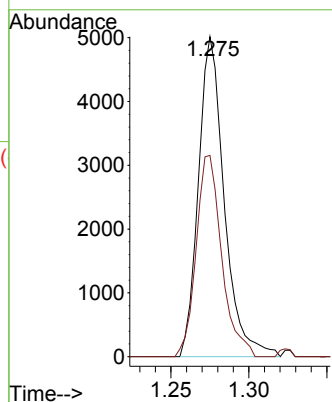
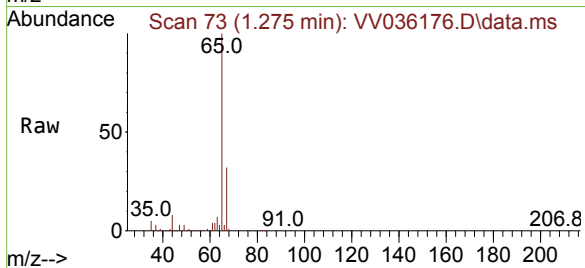
ClientSampleId :

Tgt Ion: 62 Resp: 5775

Ion Ratio Lower Upper

62 100

64 62.9 22.9 42.5#



#13

Acetone

Concen: 1.730 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.003 min

Lab File: VV036176.D

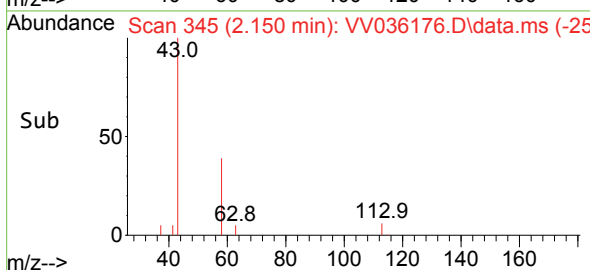
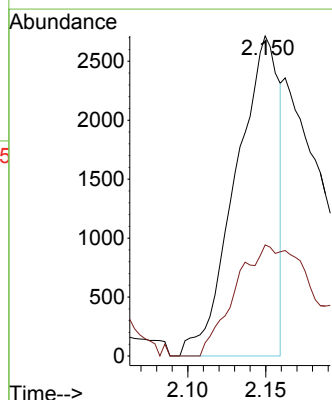
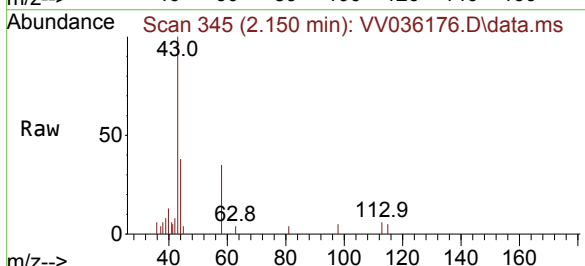
Acq: 20 Jun 2024 21:18

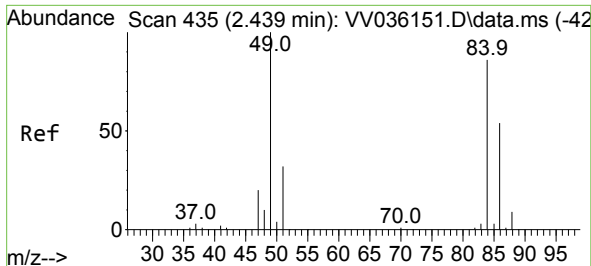
Tgt Ion: 43 Resp: 5211

Ion Ratio Lower Upper

43 100

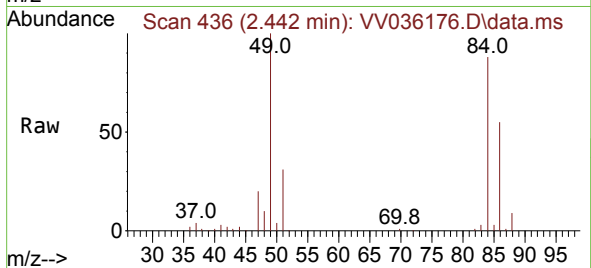
58 2.9 0.0 24.2



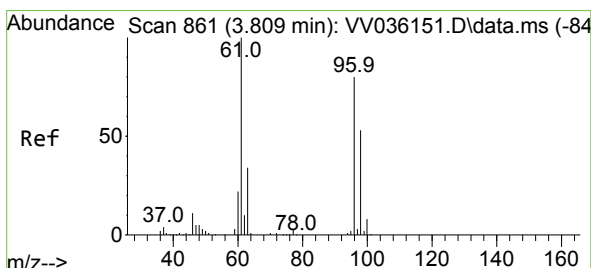
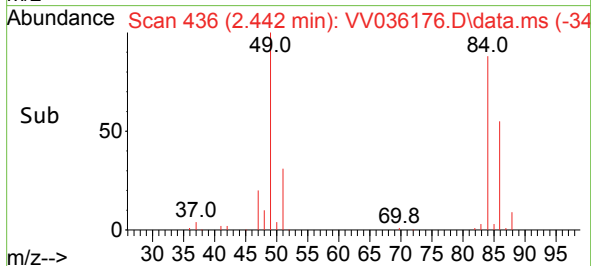
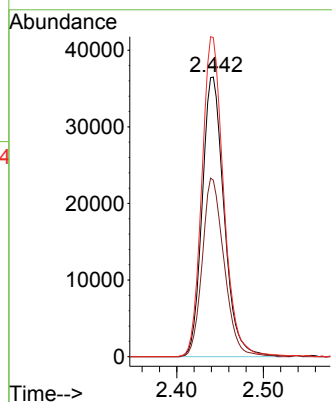


#16
Methylene chloride
Concen: 6.190 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036176.D
Acq: 20 Jun 2024 21:18

Instrument :
MSVOA_V
ClientSampleId :

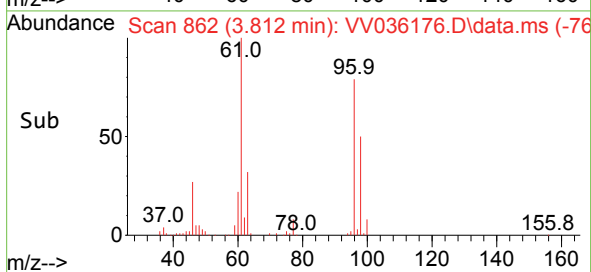
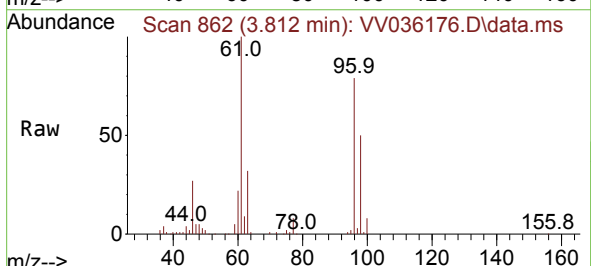
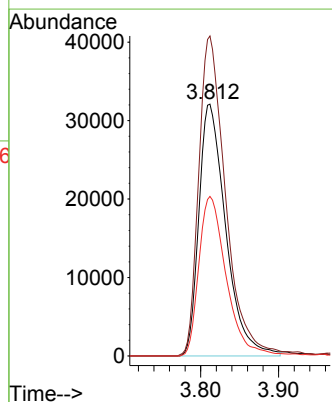


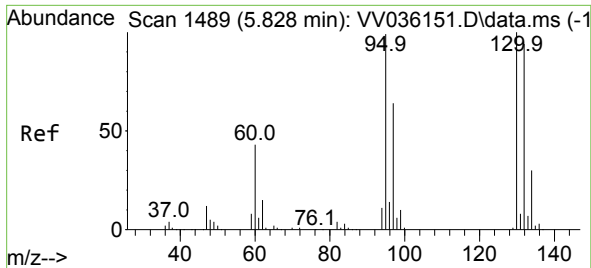
Tgt Ion: 84 Resp: 64192
Ion Ratio Lower Upper
84 100
86 63.1 44.6 82.8
49 114.1 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 9.815 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV036176.D
Acq: 20 Jun 2024 21:18

Tgt Ion: 96 Resp: 76887
Ion Ratio Lower Upper
96 100
61 127.1 87.9 163.3
98 63.4 44.4 82.5



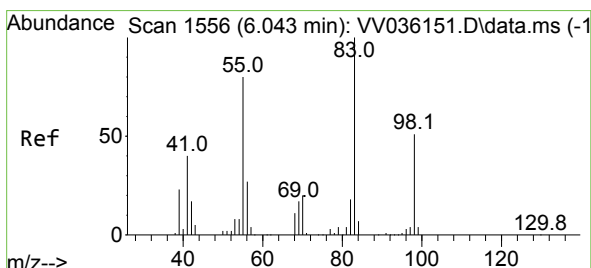
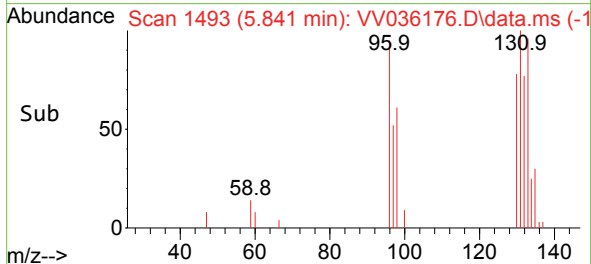
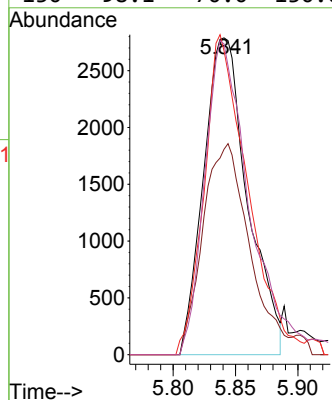
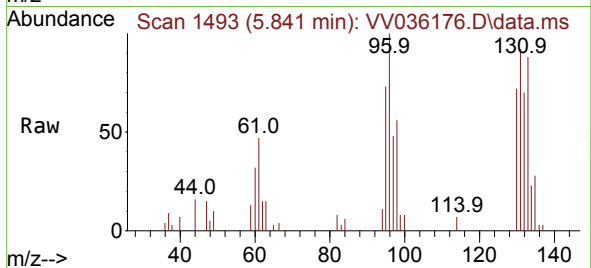


#34
Trichloroethene
Concen: 0.705 ug/L
RT: 5.841 min Scan# 1489
Delta R.T. 0.016 min
Lab File: VV036176.D
Acq: 20 Jun 2024 21:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 6838

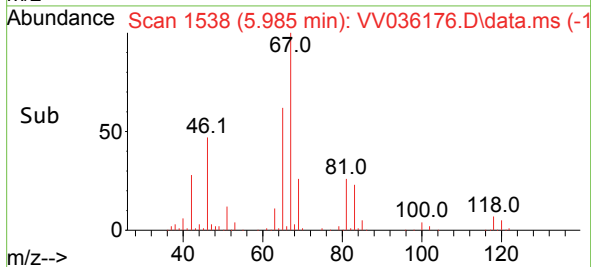
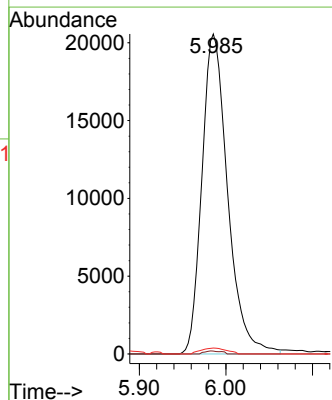
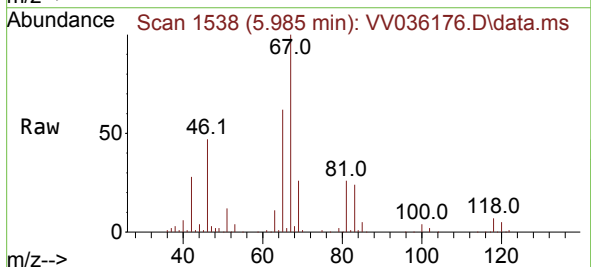
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	95.9	66.8	124.2
130	98.1	70.0	130.0

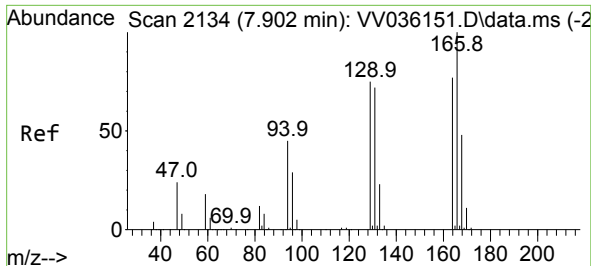


#35
Methylcyclohexane
Concen: 3.167 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV036176.D
Acq: 20 Jun 2024 21:18

Tgt Ion: 83 Resp: 42504

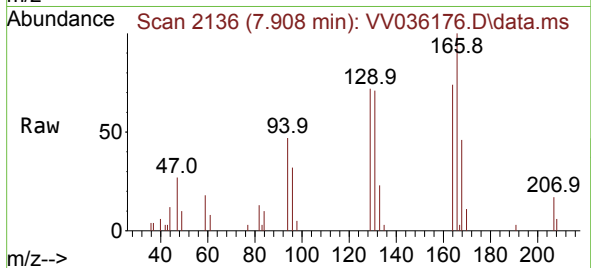
Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.7	91.1#
98	1.8	38.7	58.1#



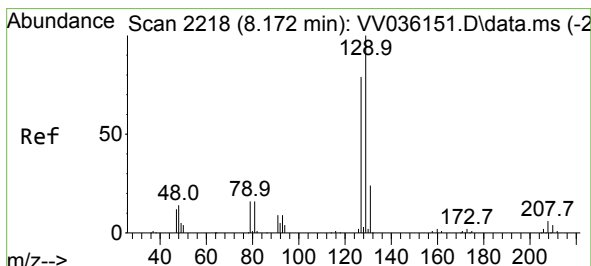
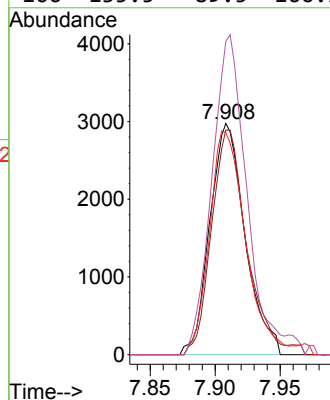
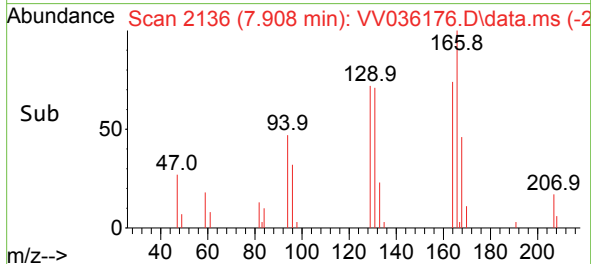


#46
Tetrachloroethene
Concen: 0.789 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036176.D
Acq: 20 Jun 2024 21:18

Instrument :
MSVOA_V
ClientSampleId :

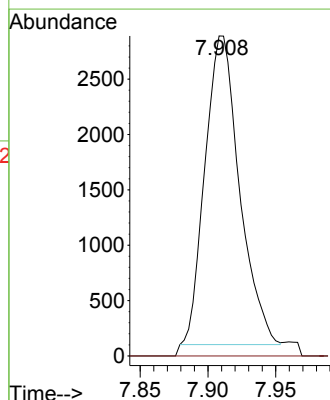
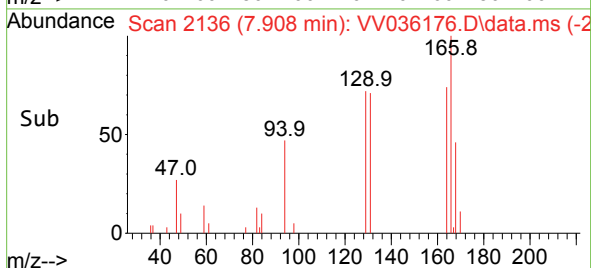
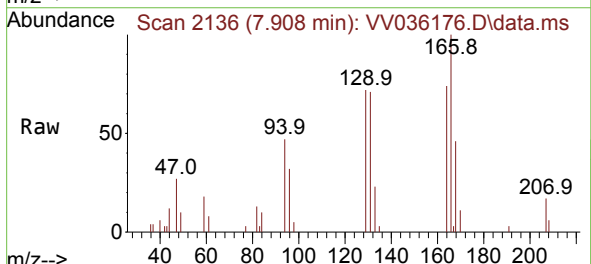


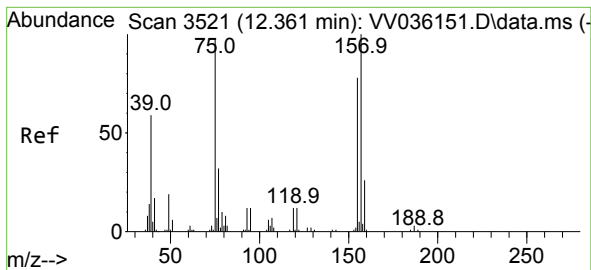
Tgt Ion:164 Resp: 5601
Ion Ratio Lower Upper
164 100
129 97.2 64.6 120.0
131 96.0 63.2 117.4
166 135.5 89.5 166.3



#49
Dibromochloromethane
Concen: 0.656 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.264 min
Lab File: VV036176.D
Acq: 20 Jun 2024 21:18

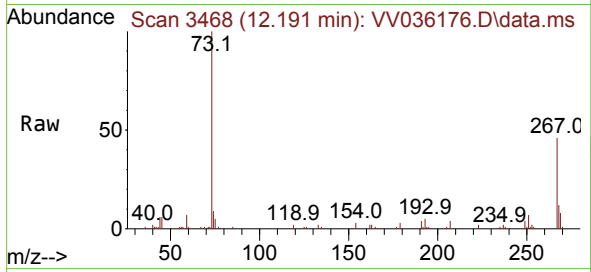
Tgt Ion:129 Resp: 4935
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.858 ug/L
 RT: 12.191 min Scan# 34
 Delta R.T. -0.170 min
 Lab File: VV036176.D
 Acq: 20 Jun 2024 21:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 1007
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.3 94.9#
 157 0.0 82.4 123.6#

