

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036211.D
 Acq On : 21 Jun 2024 16:50
 Operator : SY/MD
 Sample : P2960-08
 Misc : 5.38g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:15:02 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)

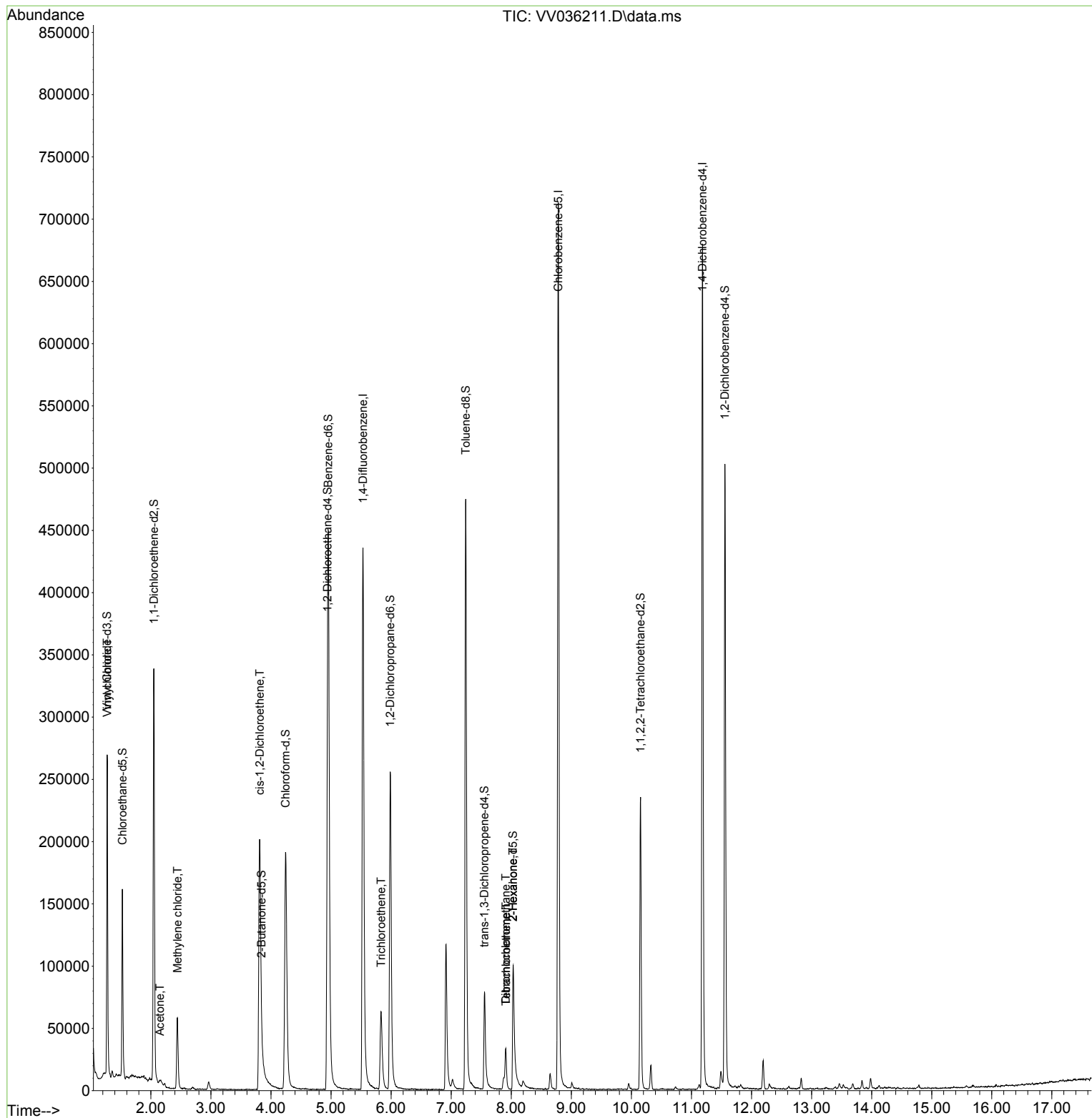
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	384925	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	396991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176493	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	124563	17.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.400%
7) Chloroethane-d5	1.526	69	99784	17.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.720%
11) 1,1-Dichloroethene-d2	2.050	65	57576	18.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.120%
21) 2-Butanone-d5	3.841	46	54507	33.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.140%
24) Chloroform-d	4.243	84	208871	17.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.280%
26) 1,2-Dichloroethane-d4	4.940	65	120385	18.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.040%
32) Benzene-d6	4.953	84	404269	17.131	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.520%
36) 1,2-Dichloropropane-d6	5.985	67	130671	17.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.320%
41) Toluene-d8	7.243	98	335469	16.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.440%
43) trans-1,3-Dichloroprop...	7.554	79	50259	16.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.960%
47) 2-Hexanone-d5	8.030	63	40801	40.524	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	118163	21.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	128235	19.813	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.240%
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	55233	6.587	ug/L	97
13) Acetone	2.150	43	5087	2.011	ug/L #	6
16) Methylene chloride	2.442	84	24868	2.855	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	113122	17.193	ug/L	98
34) Trichloroethene	5.834	95	19949	2.507	ug/L	99
46) Tetrachloroethene	7.911	164	7751	1.332	ug/L	91
48) 2-Hexanone	8.030	43	4898	1.691	ug/L #	74
49) Dibromochloromethane	7.908	129	6887	1.116	ug/L #	11

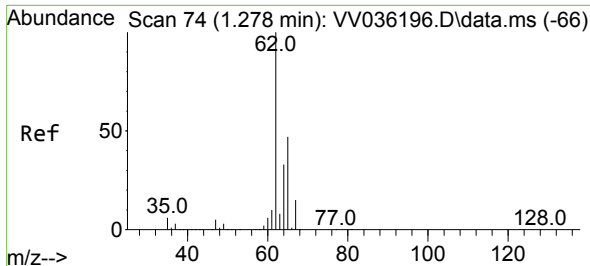
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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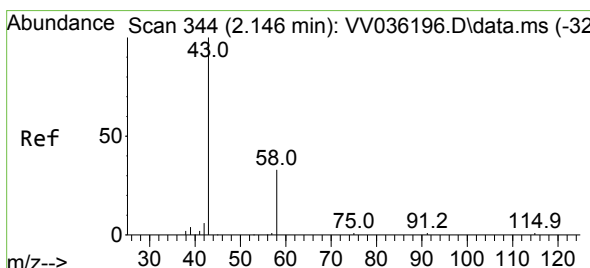
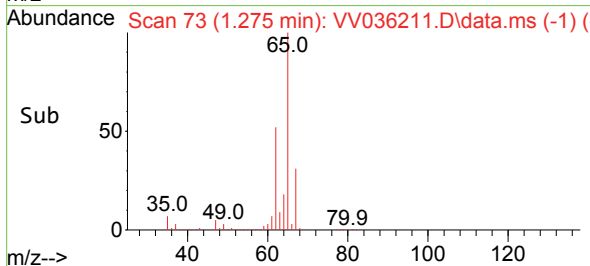
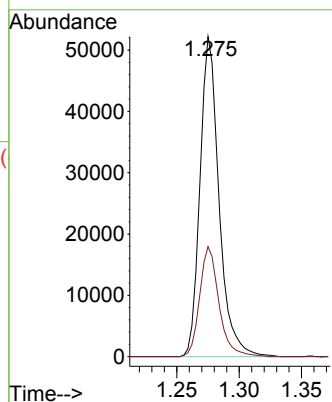
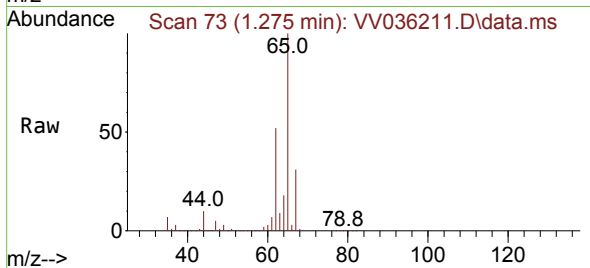
#5
 Vinyl chloride
 Concen: 6.587 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036211.D
 Acq: 21 Jun 2024 16:50

Instrument :

MSVOA_V

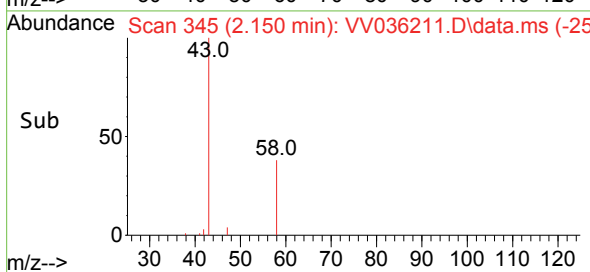
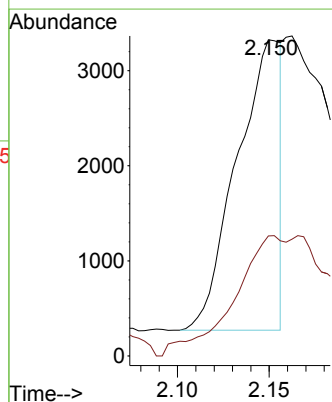
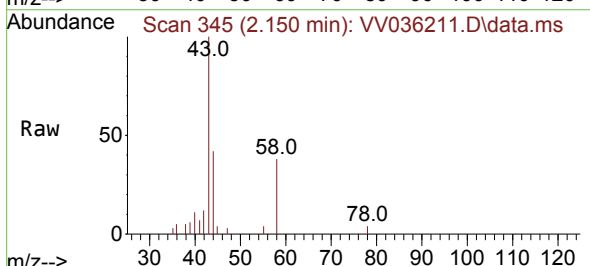
ClientSampleId :

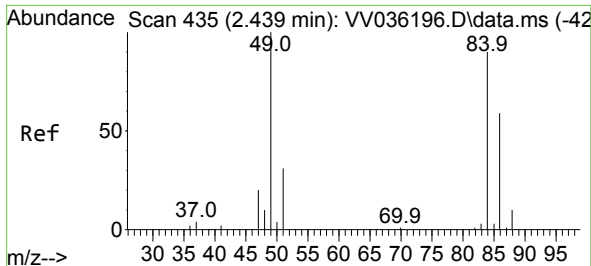
Tgt Ion: 62 Resp: 55233
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.9 42.5



#13
 Acetone
 Concen: 2.011 ug/L
 RT: 2.150 min Scan# 345
 Delta R.T. 0.003 min
 Lab File: VV036211.D
 Acq: 21 Jun 2024 16:50

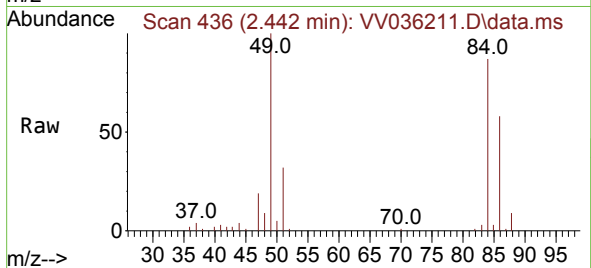
Tgt Ion: 43 Resp: 5087
 Ion Ratio Lower Upper
 43 100
 58 48.6 0.0 24.2#



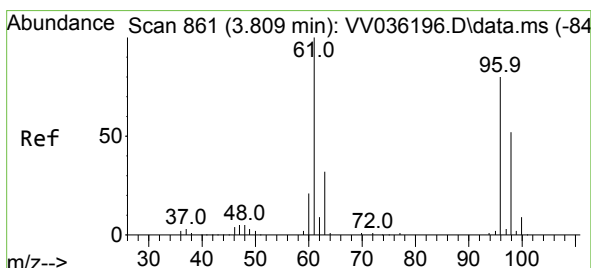
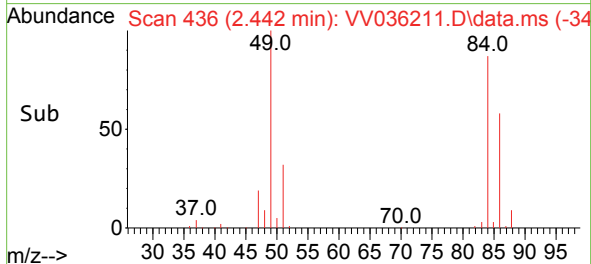
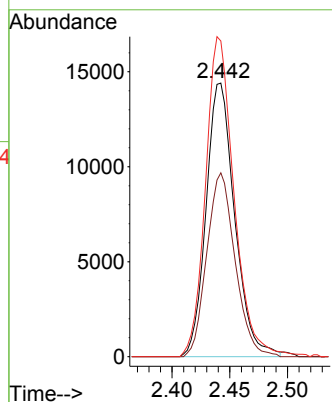


#16
Methylene chloride
Concen: 2.855 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036211.D
Acq: 21 Jun 2024 16:50

Instrument :
MSVOA_V
ClientSampleId :

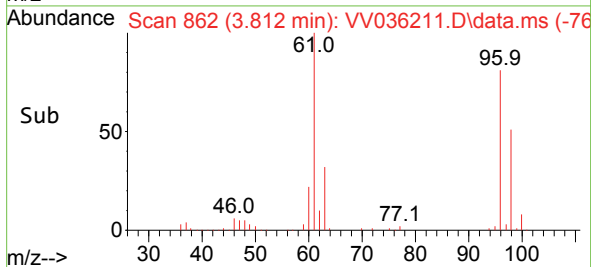
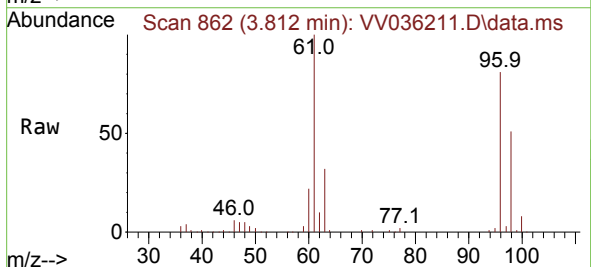
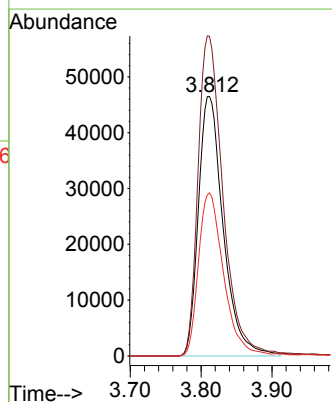


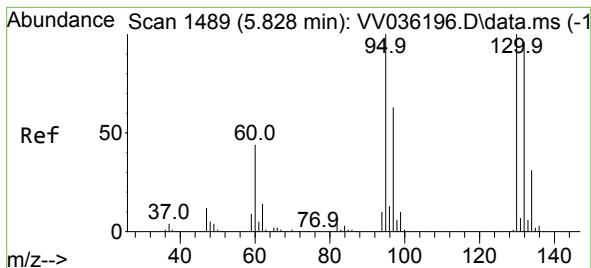
Tgt Ion: 84 Resp: 24868
Ion Ratio Lower Upper
84 100
86 67.2 44.6 82.8
49 115.4 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 17.193 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV036211.D
Acq: 21 Jun 2024 16:50

Tgt Ion: 96 Resp: 113122
Ion Ratio Lower Upper
96 100
61 123.2 87.9 163.3
98 62.8 44.4 82.5





#34

Trichloroethene

Concen: 2.507 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.010 min

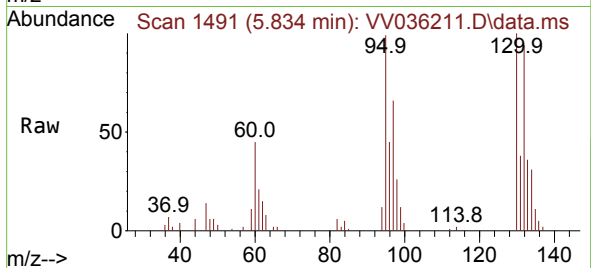
Lab File: VV036211.D

Acq: 21 Jun 2024 16:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 19949

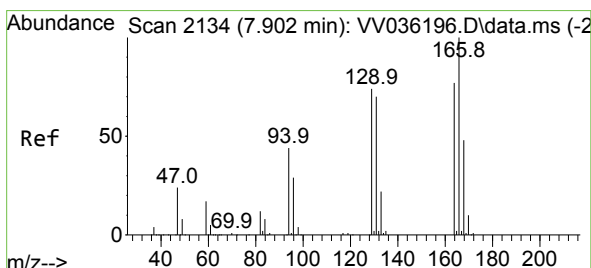
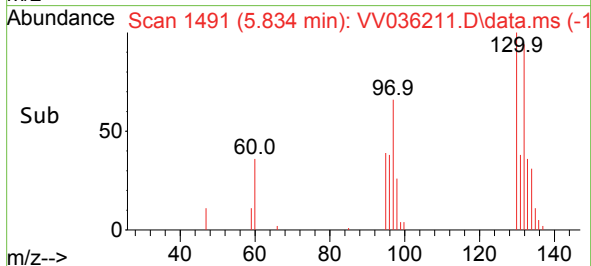
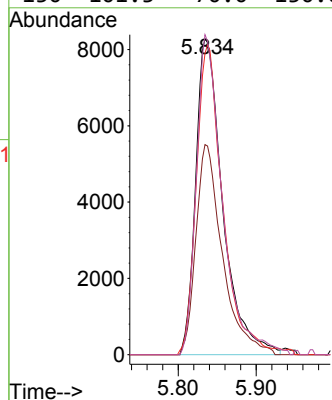
Ion Ratio Lower Upper

95 100

97 66.5 44.8 83.2

132 95.4 66.8 124.2

130 101.3 70.0 130.0



#46

Tetrachloroethene

Concen: 1.332 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.010 min

Lab File: VV036211.D

Acq: 21 Jun 2024 16:50

Tgt Ion: 164 Resp: 7751

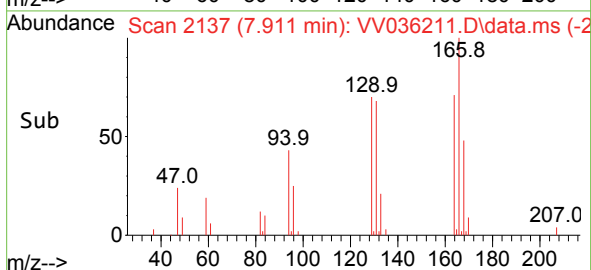
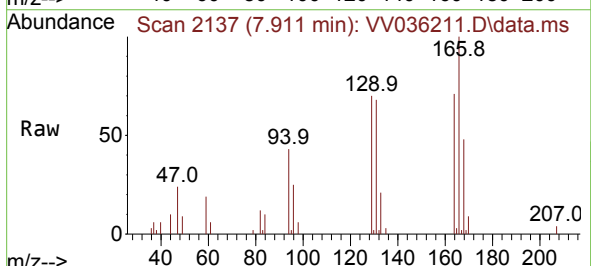
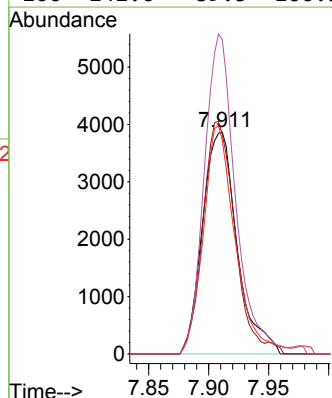
Ion Ratio Lower Upper

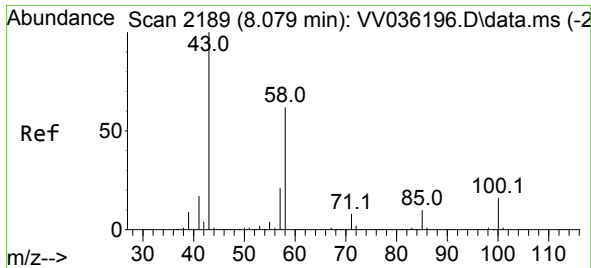
164 100

129 98.9 64.6 120.0

131 96.3 63.2 117.4

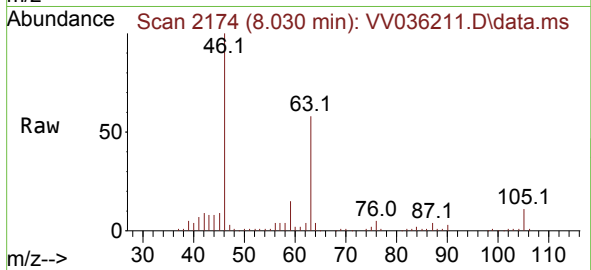
166 141.6 89.5 166.3



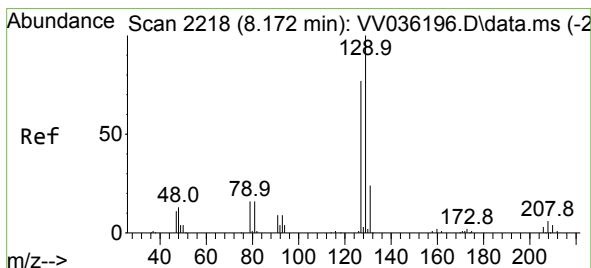
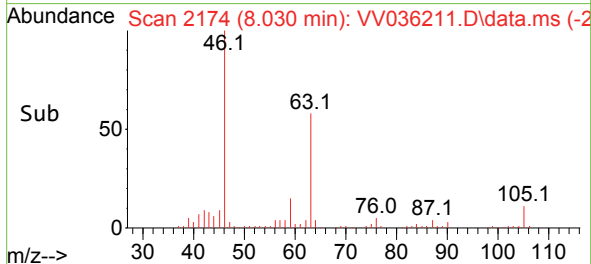
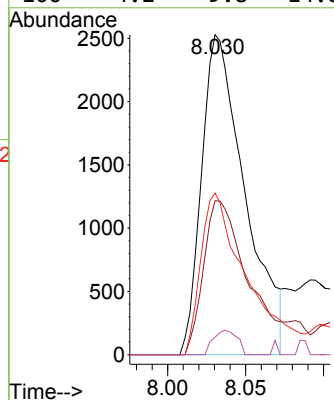


#48
2-Hexanone
Concen: 1.691 ug/L
RT: 8.030 min Scan# 2136
Delta R.T. -0.048 min
Lab File: VV036211.D
Acq: 21 Jun 2024 16:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
58 49.8 45.4 68.0
57 54.0 15.8 23.8#
100 4.2 9.8 14.8#



#49
Dibromochloromethane
Concen: 1.116 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.264 min
Lab File: VV036211.D
Acq: 21 Jun 2024 16:50

Tgt Ion: 129 Resp: 6887
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#

