

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036031.D
 Acq On : 11 Jun 2024 13:29
 Operator : SY/MD
 Sample : P2798-01
 Misc : 5.01g/10.1mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:06:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

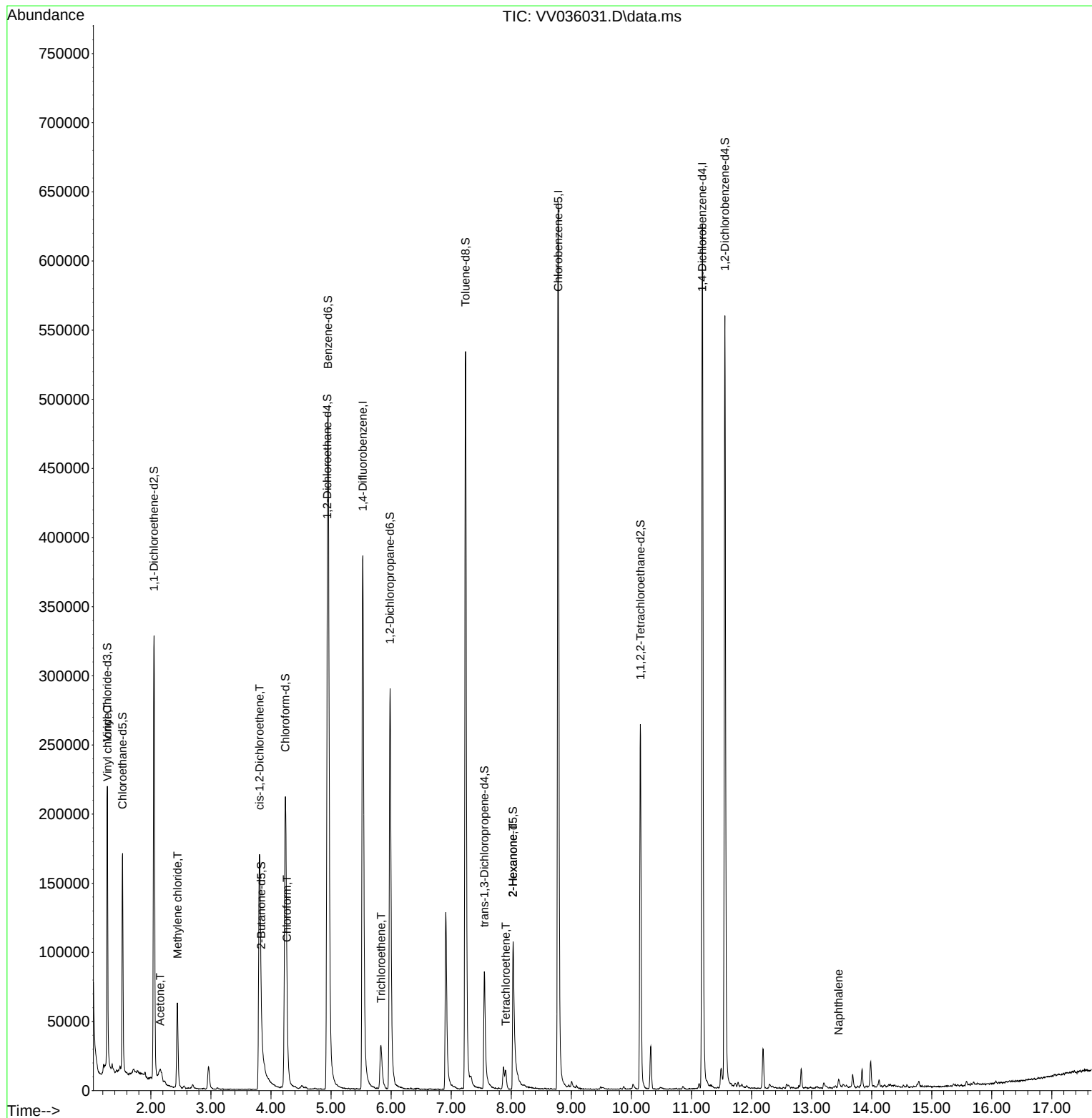
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	353808	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	361564	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	166616	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	119691	18.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.600%
7) Chloroethane-d5	1.529	69	104304	20.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	2.053	65	55164	19.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.200%
21) 2-Butanone-d5	3.838	46	14765	9.893	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.780%#
24) Chloroform-d	4.239	84	234850	20.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.520%
26) 1,2-Dichloroethane-d4	4.937	65	131539	22.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.950	84	449571	20.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.680%
36) 1,2-Dichloropropane-d6	5.982	67	151740	22.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.680%
41) Toluene-d8	7.239	98	376852	19.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.480%
43) trans-1,3-Dichloroprop...	7.551	79	57950	20.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.520%
47) 2-Hexanone-d5	8.030	63	42911	46.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	133101	26.317	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.280%
66) 1,2-Dichlorobenzene-d4	11.557	152	148763	24.347	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	16455	2.135	ug/L	91
13) Acetone	2.153	43	9318	4.008	ug/L	84
16) Methylene chloride	2.442	84	27083	3.383	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	95944	15.865	ug/L	99
25) Chloroform	4.268	83	6603	0.560	ug/L	86
34) Trichloroethene	5.834	95	7119	0.982	ug/L	97
46) Tetrachloroethene	7.908	164	3536	0.667	ug/L	87
48) 2-Hexanone	8.030	43	5728	2.172	ug/L #	68
71) Naphthalene	13.451	128	5370	0.498	ug/L #	88

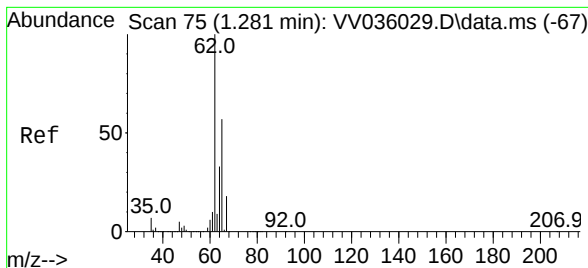
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036031.D
Acq On : 11 Jun 2024 13:29
Operator : SY/MD
Sample : P2798-01
Misc : 5.01g/10.1mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 12 02:06:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 02:05:45 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.135 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036031.D

Acq: 11 Jun 2024 13:29

Instrument :

MSVOA_V

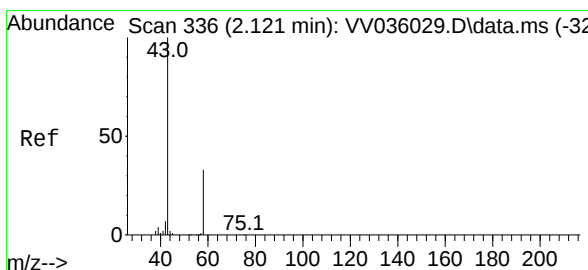
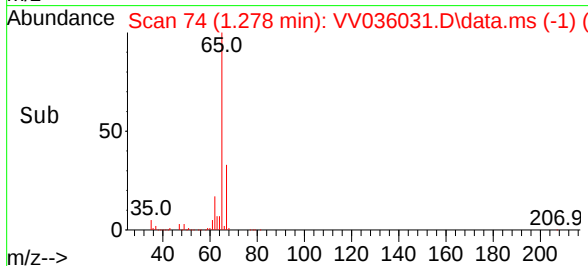
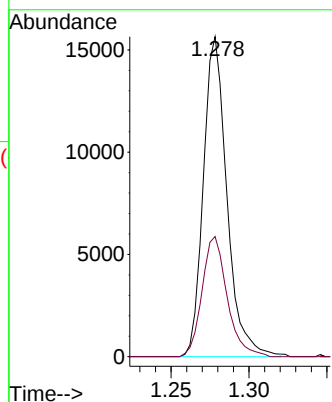
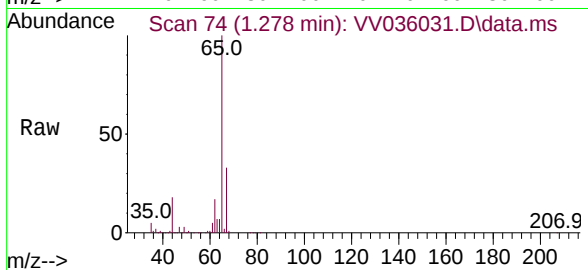
ClientSampleId :

Tgt Ion: 62 Resp: 16455

Ion Ratio Lower Upper

62 100

64 37.6 22.9 42.5



#13

Acetone

Concen: 4.008 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.032 min

Lab File: VV036031.D

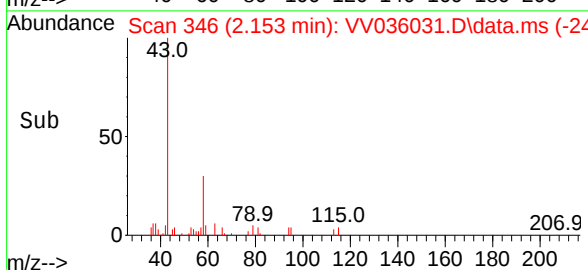
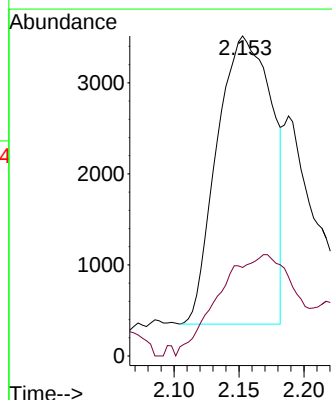
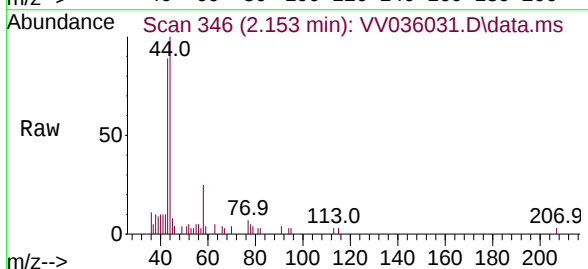
Acq: 11 Jun 2024 13:29

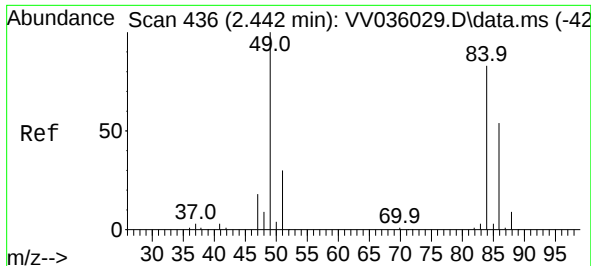
Tgt Ion: 43 Resp: 9318

Ion Ratio Lower Upper

43 100

58 18.1 0.0 24.2

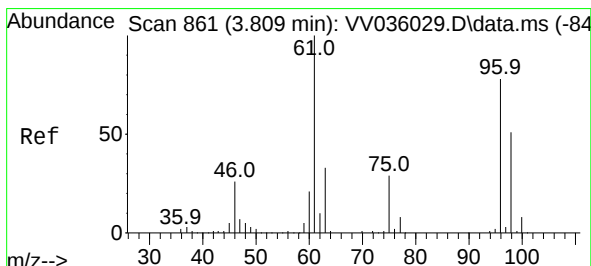
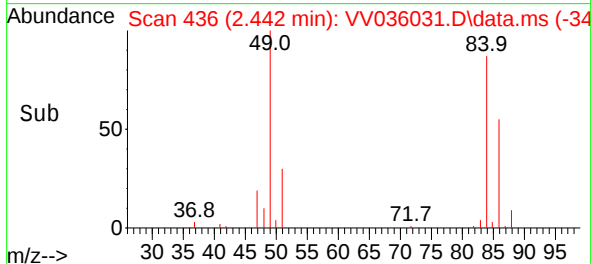
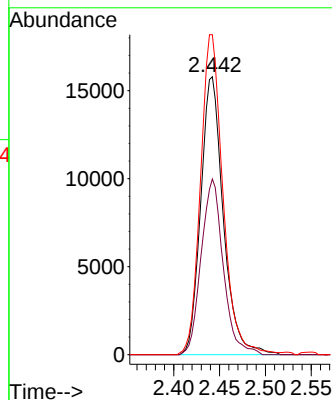
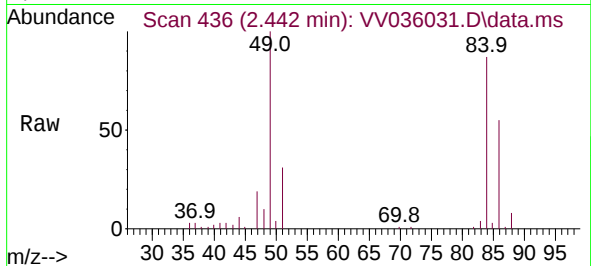




#16
Methylene chloride
Concen: 3.383 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29

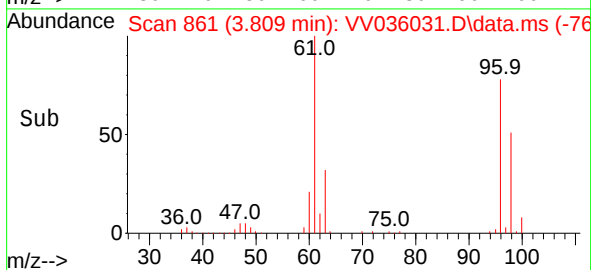
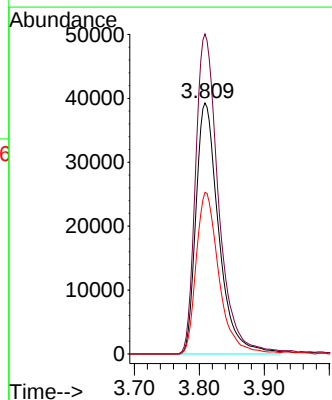
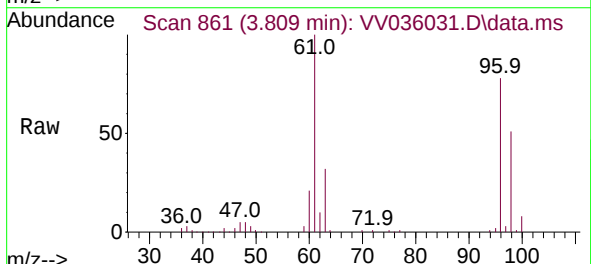
Instrument :
MSVOA_V
ClientSampleId :

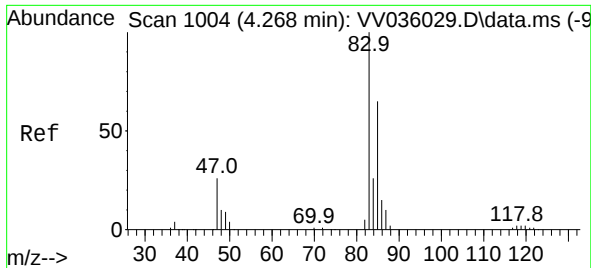
Tgt Ion: 84 Resp: 27083
Ion Ratio Lower Upper
84 100
86 63.2 44.6 82.8
49 115.2 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 15.865 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29

Tgt Ion: 96 Resp: 95944
Ion Ratio Lower Upper
96 100
61 127.5 87.9 163.3
98 64.4 44.4 82.5





#25

Chloroform

Concen: 0.560 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036031.D

Acq: 11 Jun 2024 13:29

Instrument :

MSVOA_V

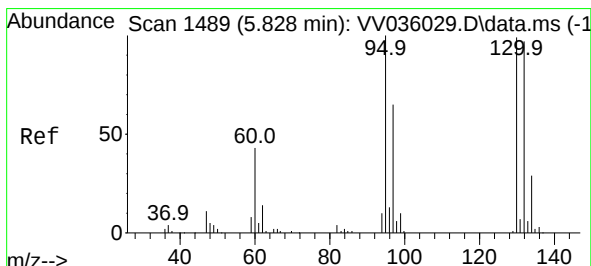
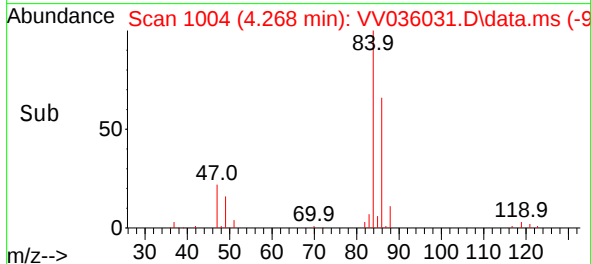
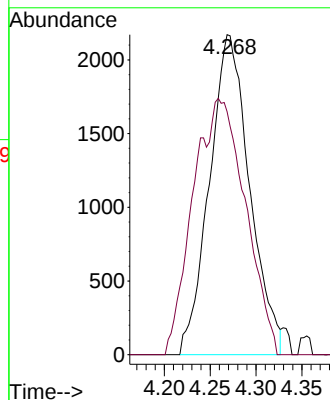
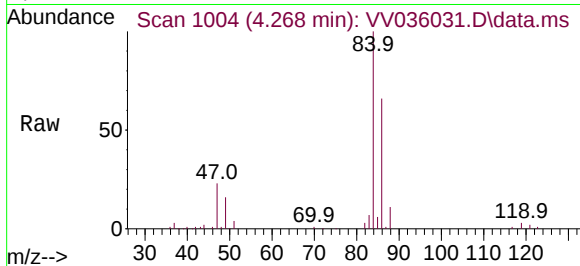
ClientSampleId :

Tgt Ion: 83 Resp: 6603

Ion Ratio Lower Upper

83 100

85 76.0 45.2 84.0



#34

Trichloroethene

Concen: 0.982 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV036031.D

Acq: 11 Jun 2024 13:29

Tgt Ion: 95 Resp: 7119

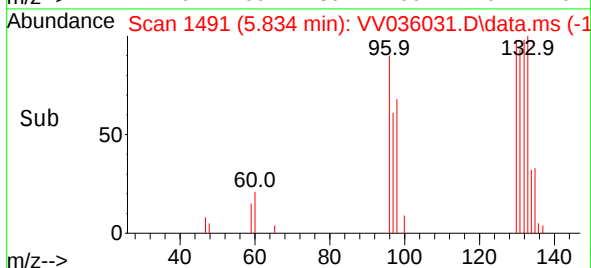
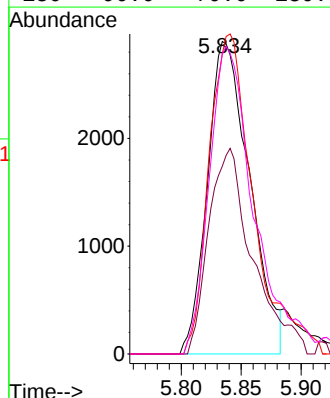
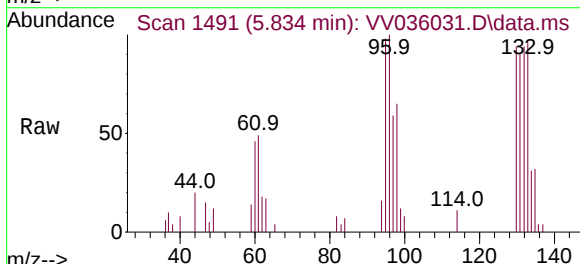
Ion Ratio Lower Upper

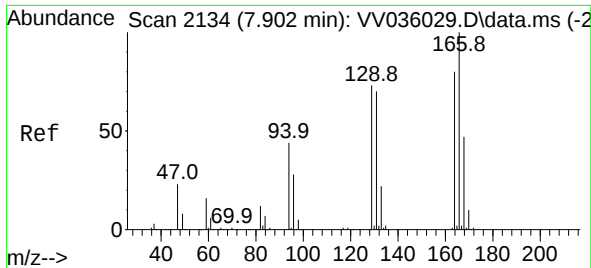
95 100

97 60.1 44.8 83.2

132 96.0 66.8 124.2

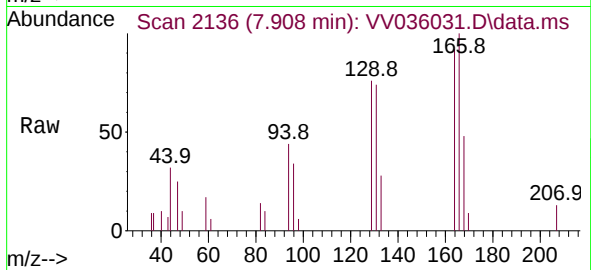
130 96.0 70.0 130.0





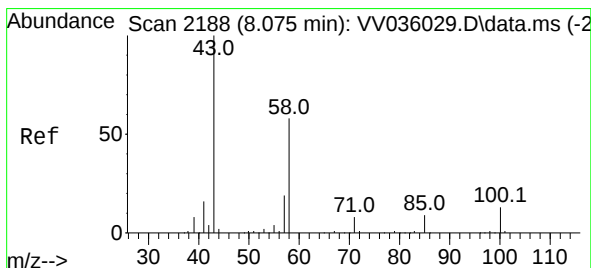
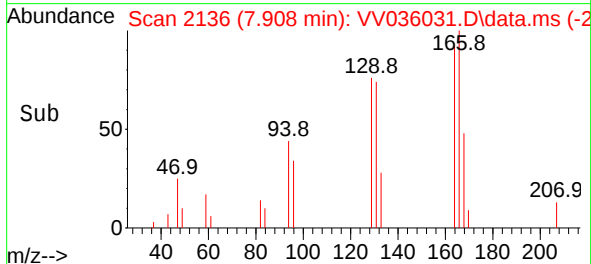
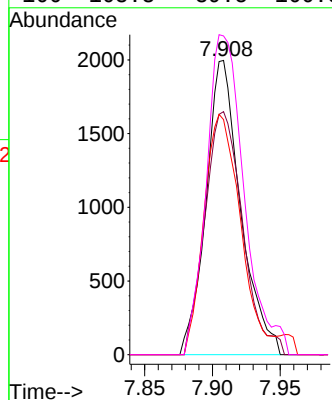
#46
Tetrachloroethene
Concen: 0.667 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 3536

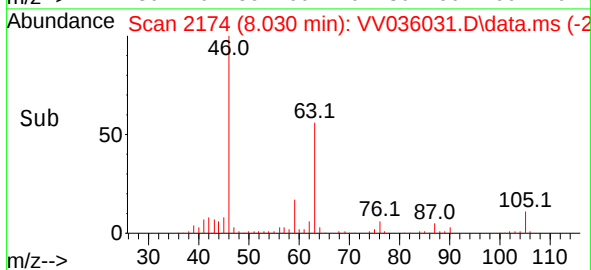
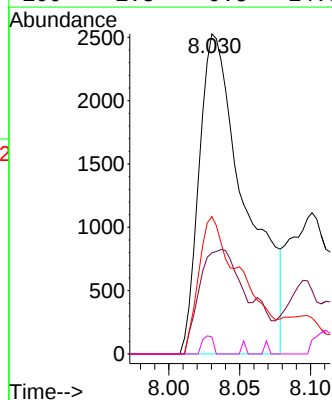
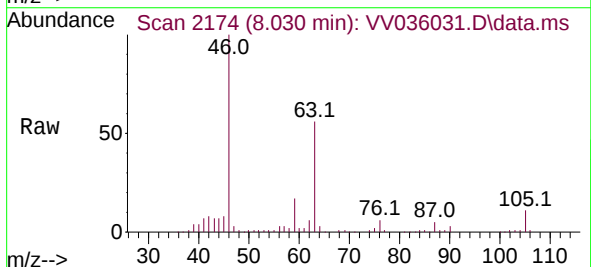
Ion	Ratio	Lower	Upper
164	100		
129	82.6	64.6	120.0
131	79.9	63.2	117.4
166	108.3	89.5	166.3

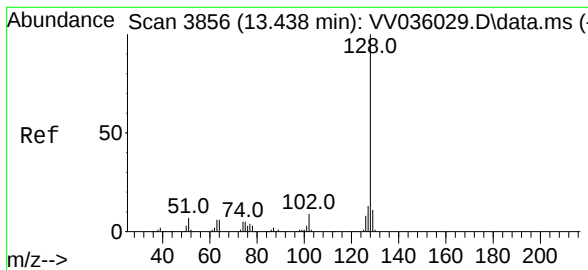


#48
2-Hexanone
Concen: 2.172 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.045 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29

Tgt Ion: 43 Resp: 5728

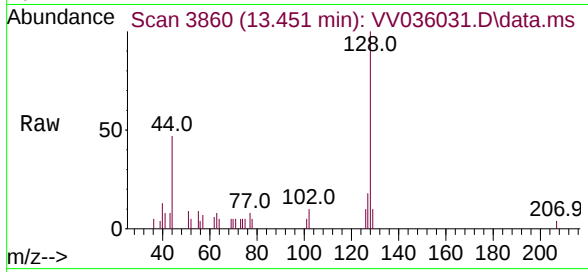
Ion	Ratio	Lower	Upper
43	100		
58	28.6	45.4	68.0#
57	27.3	15.8	23.8#
100	1.3	9.8	14.8#





#71
 Naphthalene
 Concen: 0.498 ug/L
 RT: 13.451 min Scan# 3860
 Delta R.T. 0.013 min
 Lab File: VV036031.D
 Acq: 11 Jun 2024 13:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	5370
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	1.3	8.8	13.2#

