

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036199.D
 Acq On : 21 Jun 2024 12:13
 Operator : SY/MD
 Sample : P2960-13
 Misc : 5.27g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 12:37:56 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)

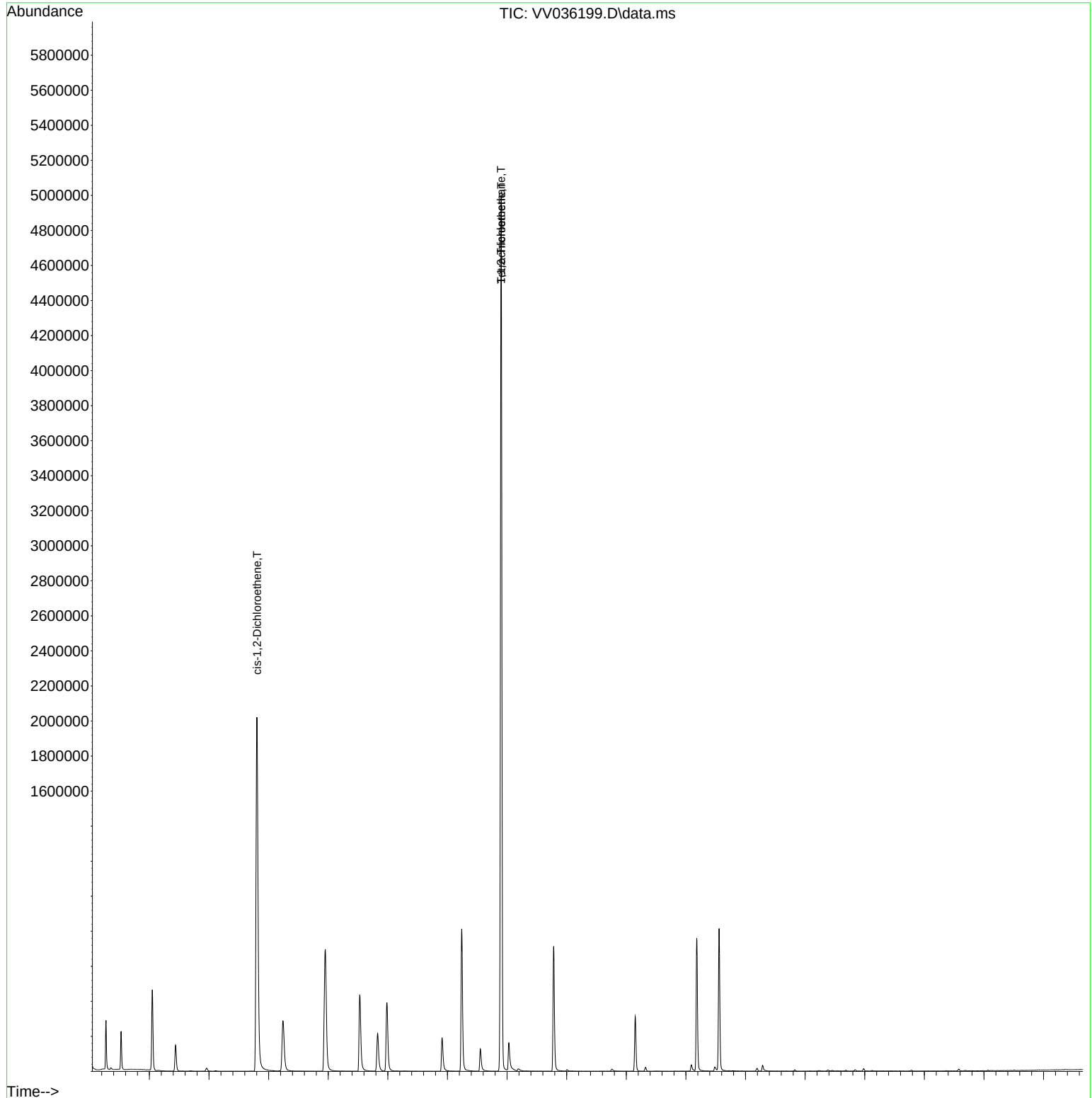
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	391485	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	402459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	197080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	170792	23.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
7) Chloroethane-d5	1.526	69	144996	25.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
11) 1,1-Dichloroethene-d2	2.050	65	78234	24.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.680%
21) 2-Butanone-d5	3.822	46	45679	27.661	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.320%
24) Chloroform-d	4.240	84	315547	25.353	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.937	65	173885	26.647	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	4.953	84	639188	26.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.880%
36) 1,2-Dichloropropane-d6	5.982	67	201442	26.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.960%
41) Toluene-d8	7.239	98	556758	26.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.520%
43) trans-1,3-Dichloroprop...	7.551	79	81613	26.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.680%
47) 2-Hexanone-d5	8.030	63	66181	64.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.680%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	155255	27.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	208674	28.874	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.480%
Target Compounds						
5) Vinyl chloride	1.275	62	11819	1.386	ug/L #	78
12) 1,1-Dichloroethene	2.056	96	3602	0.575	ug/L #	1
16) Methylene chloride	2.439	84	65155	7.355	ug/L	97
20) cis-1,2-Dichloroethene	3.805	96	1129199	168.750	ug/L	99
25) Chloroform	4.269	83	8437	0.647	ug/L	87
34) Trichloroethene	5.831	95	73091	9.060	ug/L	98
45) 1,1,2-Trichloroethane	7.899	97	9189	1.607	ug/L #	1
46) Tetrachloroethene	7.902	164	1087466	184.311	ug/L	98
48) 2-Hexanone	8.030	43	6747	2.298	ug/L #	74

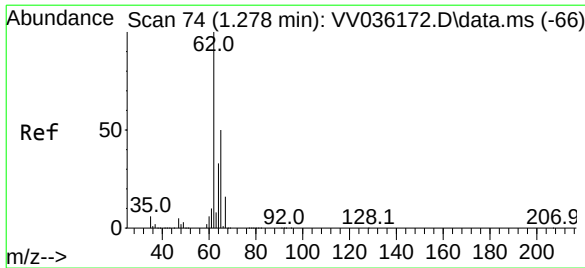
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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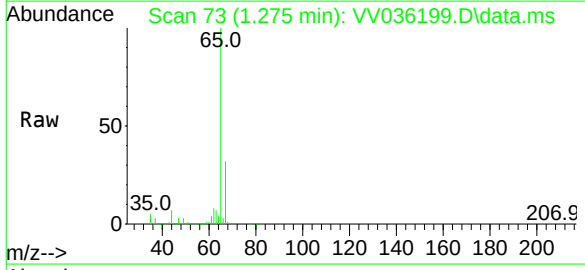
Quant Time: Jun 21 12:37:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
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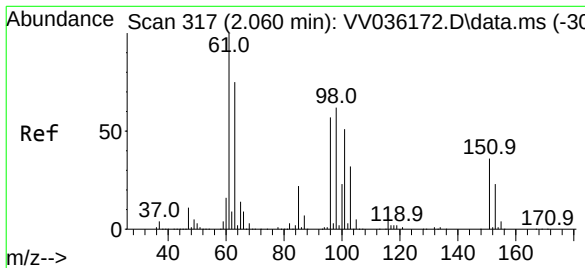
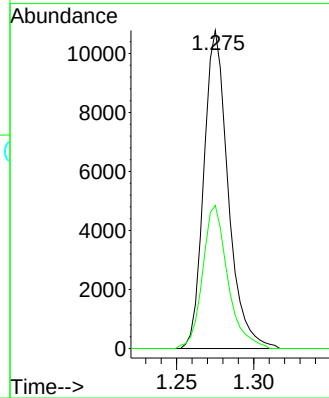
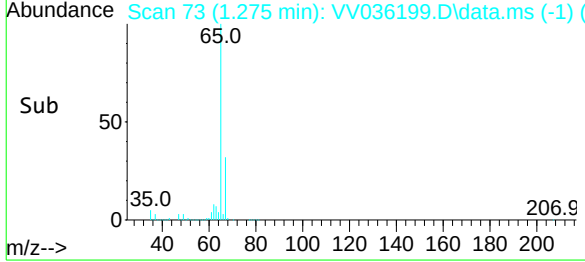


#5
 Vinyl chloride
 Concen: 1.386 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.003 min
 Lab File: VV036199.D
 Acq: 21 Jun 2024 12:13

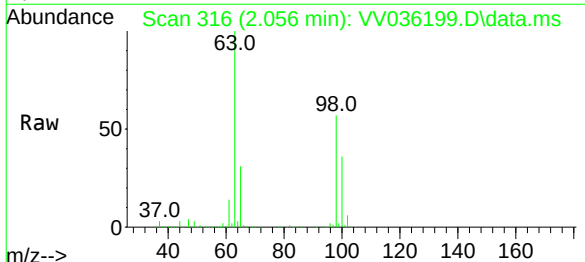
Instrument :
 MSVOA_V
 ClientSampleId :



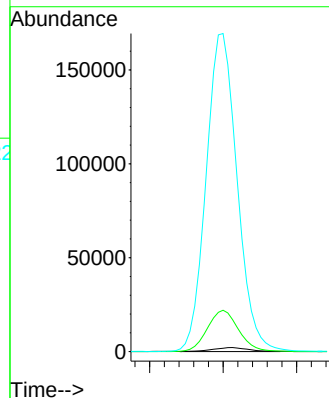
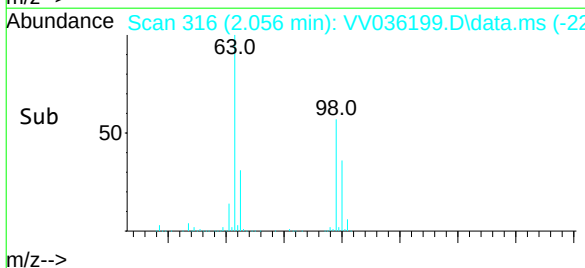
Tgt Ion: 62 Resp: 11819
 Ion Ratio Lower Upper
 62 100
 64 45.0 22.9 42.5#

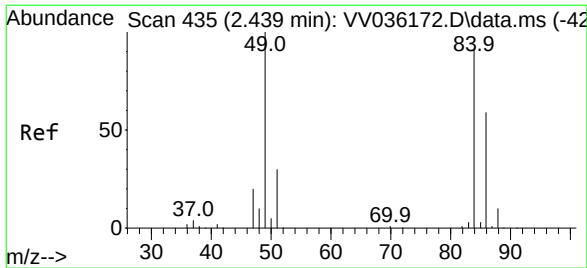


#12
 1,1-Dichloroethene
 Concen: 0.575 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.003 min
 Lab File: VV036199.D
 Acq: 21 Jun 2024 12:13



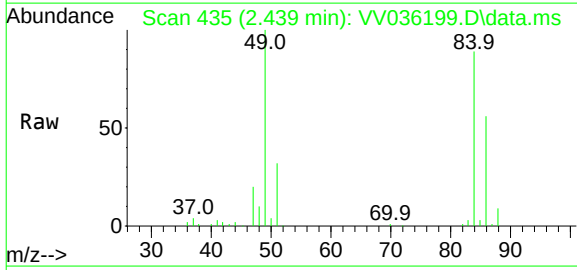
Tgt Ion: 96 Resp: 3602
 Ion Ratio Lower Upper
 96 100
 61 791.8 127.3 236.3#
 63 5773.8 93.7 173.9#



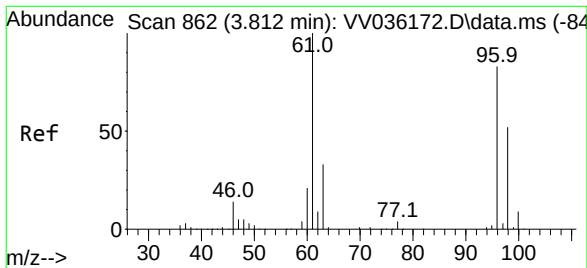
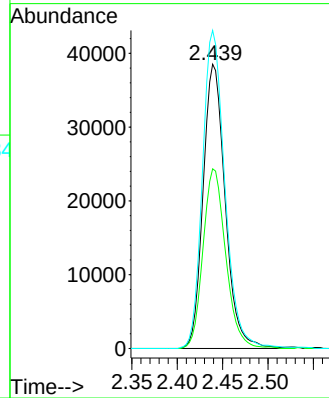
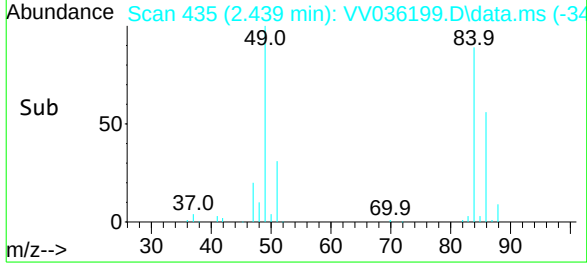


#16
Methylene chloride
Concen: 7.355 ug/L
RT: 2.439 min Scan# 43
Delta R.T. 0.000 min
Lab File: VV036199.D
Acq: 21 Jun 2024 12:13

Instrument :
MSVOA_V
ClientSampleId :

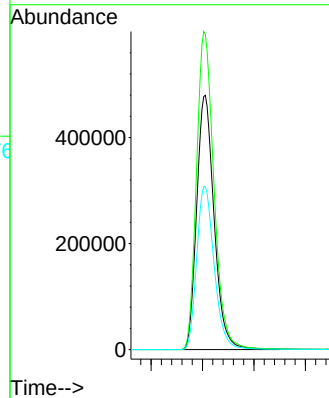
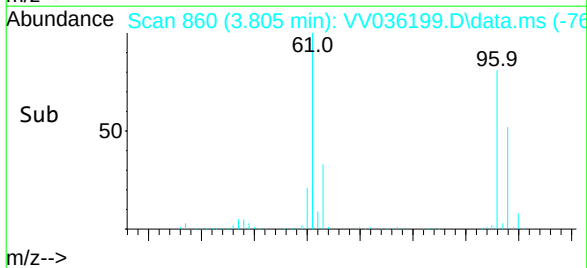
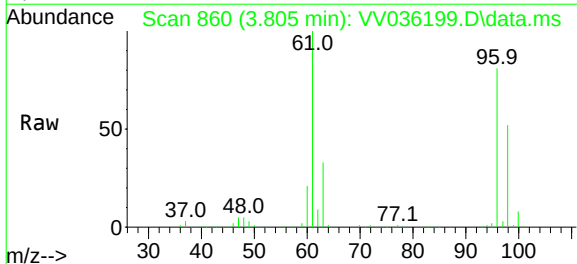


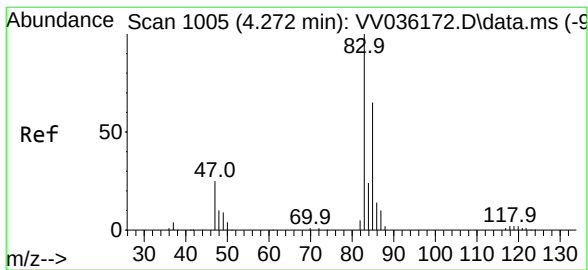
Tgt Ion: 84 Resp: 65155
Ion Ratio Lower Upper
84 100
86 63.2 44.6 82.8
49 111.9 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 168.750 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV036199.D
Acq: 21 Jun 2024 12:13

Tgt Ion: 96 Resp: 1129199
Ion Ratio Lower Upper
96 100
61 123.9 87.9 163.3
98 64.1 44.4 82.5





#25

Chloroform

Concen: 0.647 ug/L

RT: 4.269 min Scan# 10

Delta R.T. 0.000 min

Lab File: VV036199.D

Acq: 21 Jun 2024 12:13

Instrument :

MSVOA_V

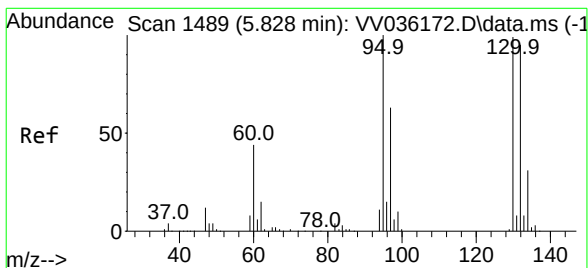
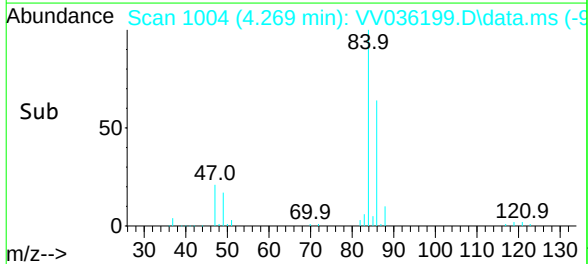
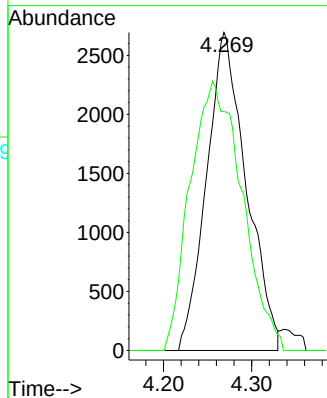
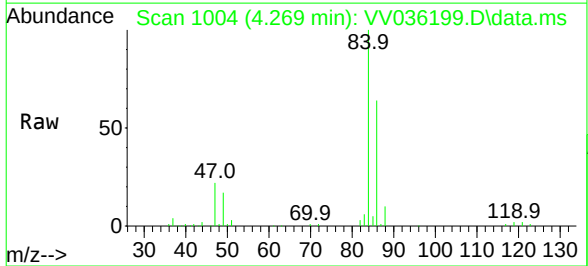
ClientSampleId :

Tgt Ion: 83 Resp: 8437

Ion Ratio Lower Upper

83 100

85 75.1 45.2 84.0



#34

Trichloroethene

Concen: 9.060 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VV036199.D

Acq: 21 Jun 2024 12:13

Tgt Ion: 95 Resp: 73091

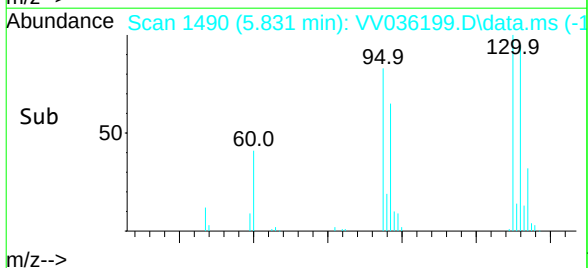
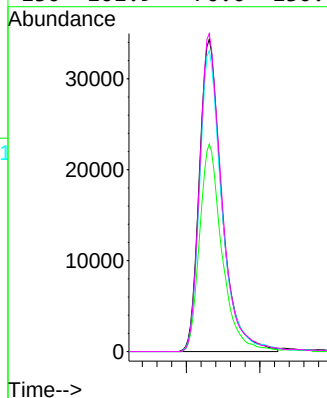
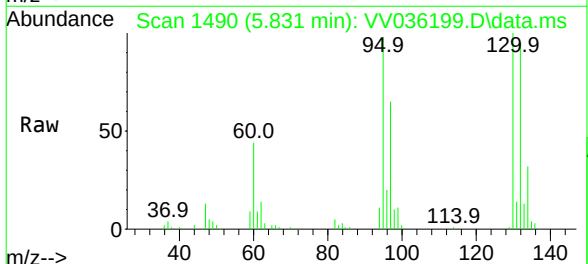
Ion Ratio Lower Upper

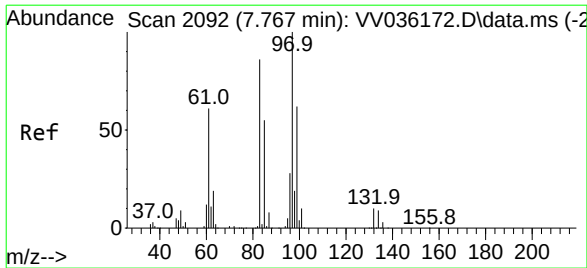
95 100

97 66.5 44.8 83.2

132 96.3 66.8 124.2

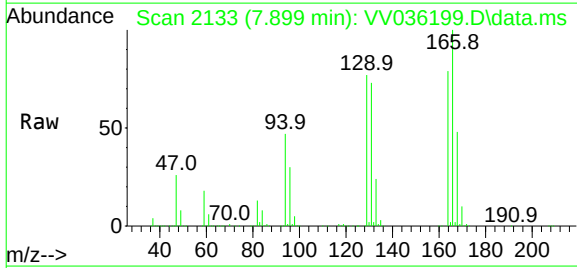
130 101.9 70.0 130.0



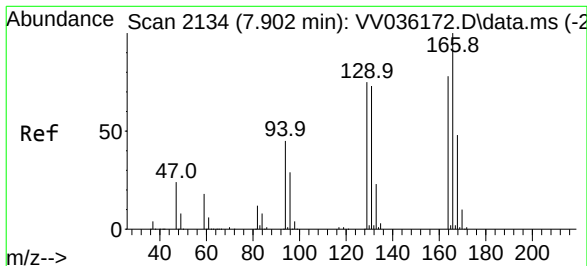
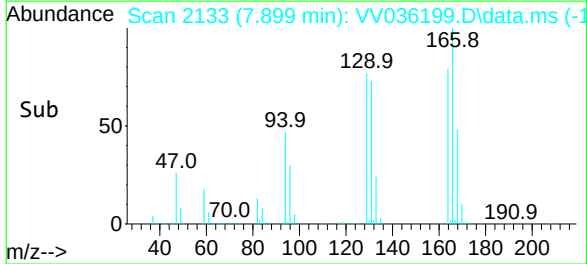
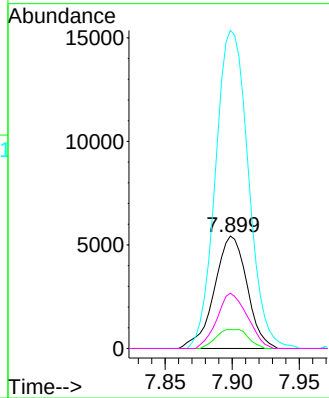


#45
1,1,2-Trichloroethane
Concen: 1.607 ug/L
RT: 7.899 min Scan# 2113
Delta R.T. 0.132 min
Lab File: VV036199.D
Acq: 21 Jun 2024 12:13

Instrument :
MSVOA_V
ClientSampleId :

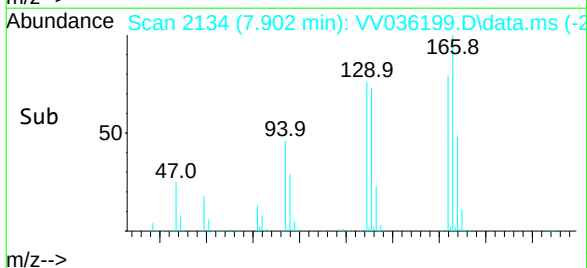
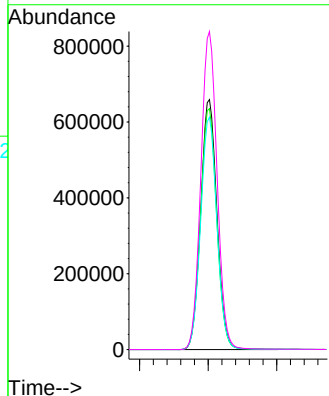
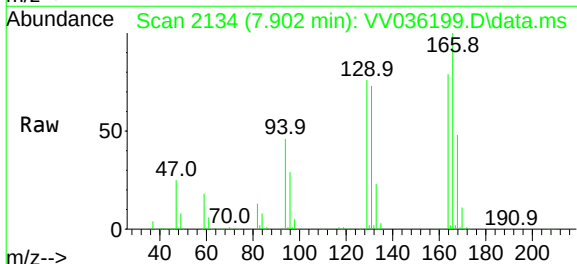


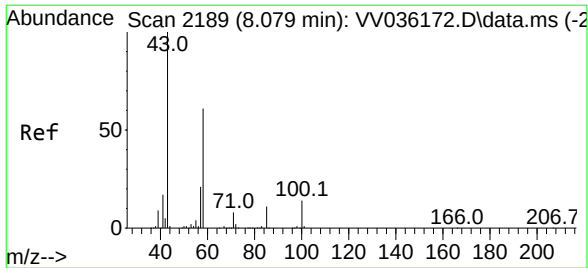
Tgt Ion: 97 Resp: 9189
Ion Ratio Lower Upper
97 100
99 16.8 43.3 80.5#
83 283.0 60.1 111.7#
85 49.1 38.9 72.3



#46
Tetrachloroethene
Concen: 184.311 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036199.D
Acq: 21 Jun 2024 12:13

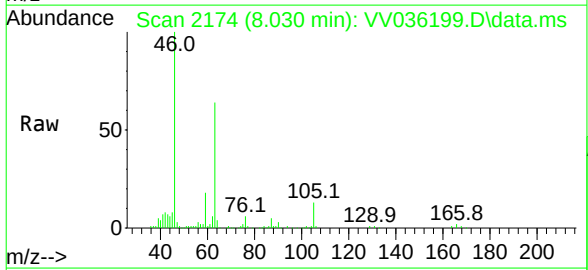
Tgt Ion: 164 Resp: 1087466
Ion Ratio Lower Upper
164 100
129 96.4 64.6 120.0
131 92.9 63.2 117.4
166 127.2 89.5 166.3





#48
 2-Hexanone
 Concen: 2.298 ug/L
 RT: 8.030 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV036199.D
 Acq: 21 Jun 2024 12:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 6747
Ion Ratio	Lower Upper
43	100
58	39.5 45.4 68.0#
57	34.6 15.8 23.8#
100	2.4 9.8 14.8#

