

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036656.D
 Acq On : 23 Jul 2024 18:58
 Operator : SY/MD
 Sample : P3276-14
 Misc : 9.30g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 01:03:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

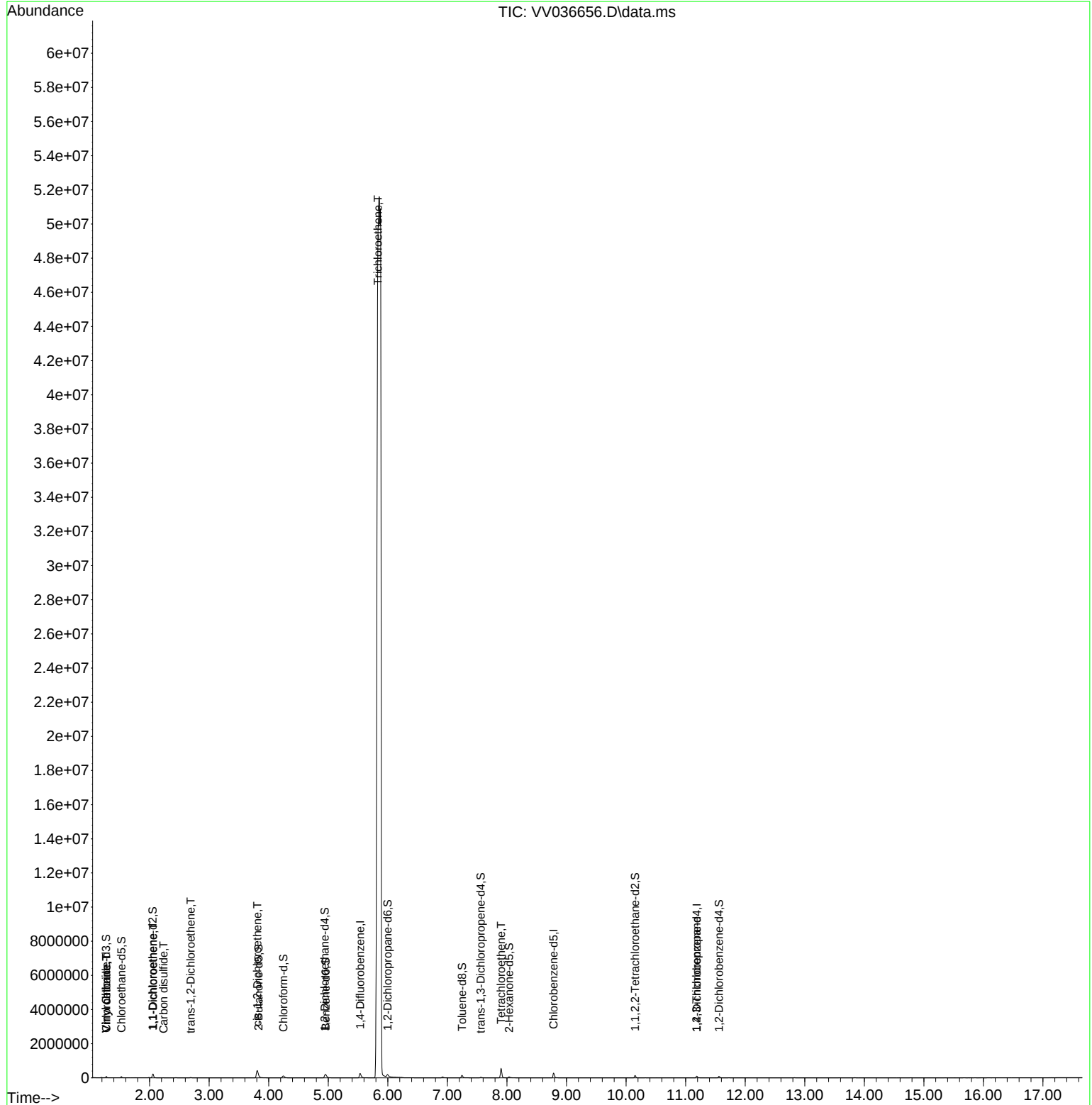
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	259411	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	179516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	31974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	36903	12.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.960%
7) Chloroethane-d5	1.526	69	41367	16.120	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.480%
11) 1,1-Dichloroethene-d2	2.050	65	17332	11.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.160%
21) 2-Butanone-d5	3.831	46	35904	54.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.300%
24) Chloroform-d	4.246	84	128028	18.661	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.640%
26) 1,2-Dichloroethane-d4	4.941	65	73856	21.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.280%
32) Benzene-d6	4.957	84	178120	20.935	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.760%
36) 1,2-Dichloropropane-d6	5.995	67	60676	25.029	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	7.246	98	110134	13.564	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.240%
43) trans-1,3-Dichloroprop...	7.561	79	23654	21.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.800%
47) 2-Hexanone-d5	8.037	63	21158	65.581	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	66938	31.680	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.720%#
66) 1,2-Dichlorobenzene-d4	11.561	152	25921	23.223	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.880%
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	9716	2.321	ug/L	94
8) Chloroethane	1.275	64	3509	1.294	ug/L	86
12) 1,1-Dichloroethene	2.060	96	51145	12.780	ug/L	92
14) Carbon disulfide	2.233	76	5862	0.528	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	10269	2.541	ug/L	95
20) cis-1,2-Dichloroethene	3.809	96	261973	62.067	ug/L	99
34) Trichloroethene	5.834	95	28586962	8568.585	ug/L	94
46) Tetrachloroethene	7.902	164	134063	40.495	ug/L	99
61) 1,2,3-Trichloropropane	11.185	75	2538	4.503	ug/L #	45

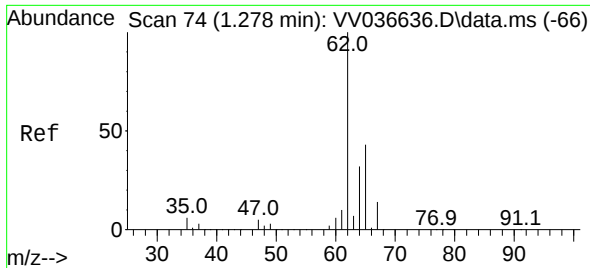
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_V\Data\VV072324\
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MSV0A_V
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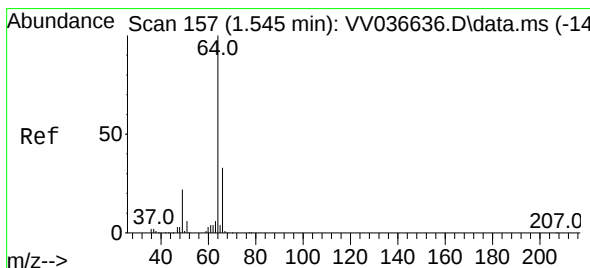
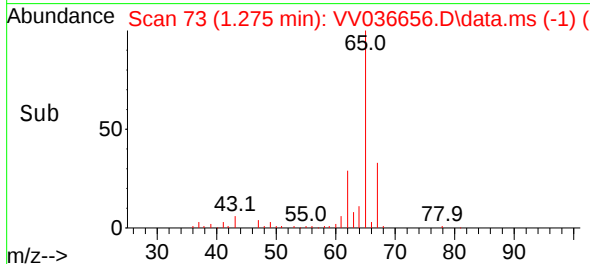
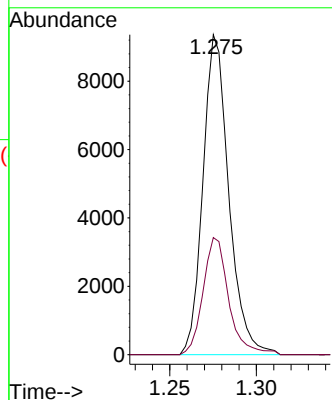
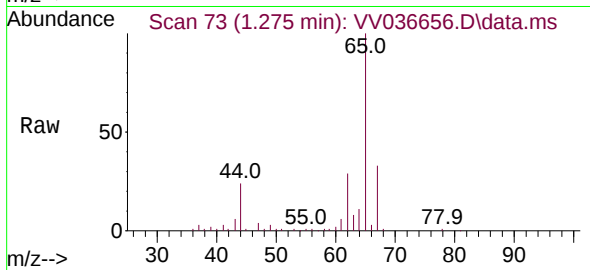




#5
 Vinyl chloride
 Concen: 2.321 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036656.D
 Acq: 23 Jul 2024 18:58

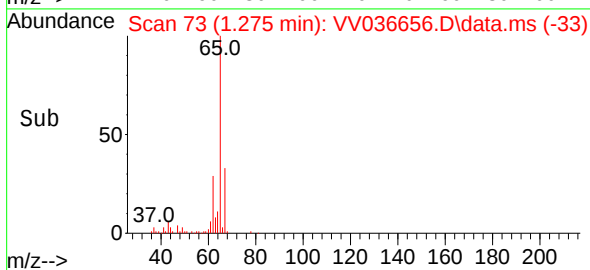
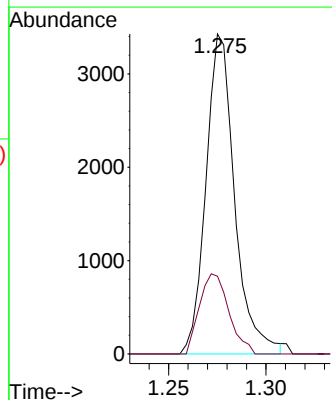
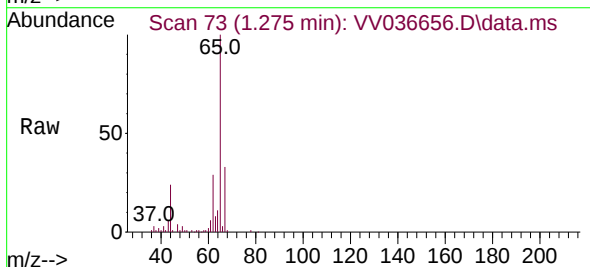
Instrument :
 MSVOA_V
 ClientSampleId :

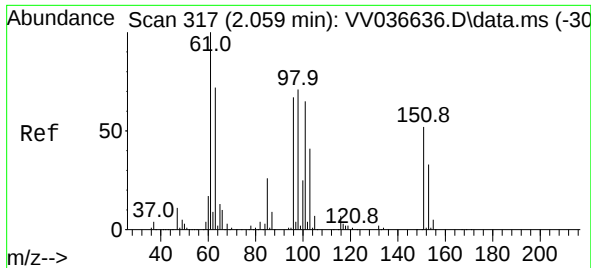
Tgt Ion: 62 Resp: 9716
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.1 42.9



#8
 Chloroethane
 Concen: 1.294 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.270 min
 Lab File: VV036656.D
 Acq: 23 Jul 2024 18:58

Tgt Ion: 64 Resp: 3509
 Ion Ratio Lower Upper
 64 100
 66 24.3 22.7 42.1





#12

1,1-Dichloroethene

Concen: 12.780 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036656.D

Acq: 23 Jul 2024 18:58

Instrument :

MSVOA_V

ClientSampleId :

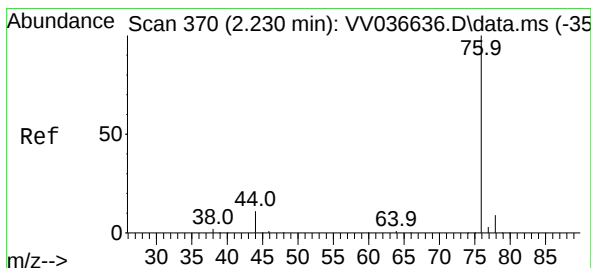
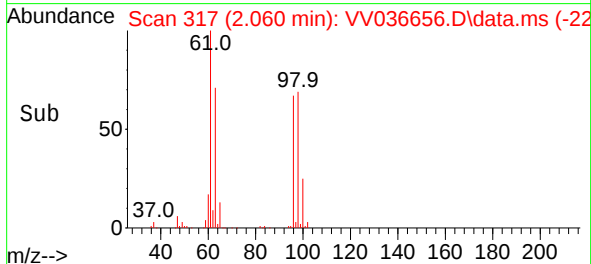
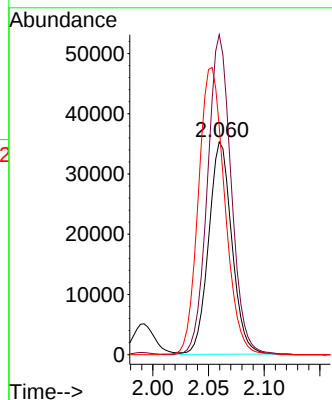
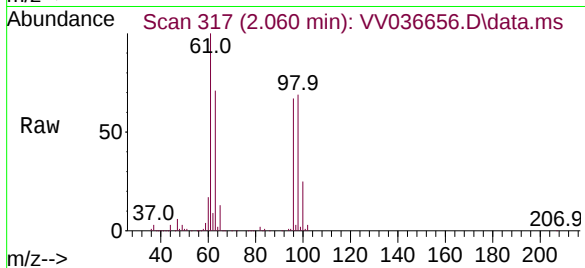
Tgt Ion: 96 Resp: 51145

Ion Ratio Lower Upper

96 100

61 150.3 102.3 189.9

63 107.0 64.1 119.1



#14

Carbon disulfide

Concen: 0.528 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036656.D

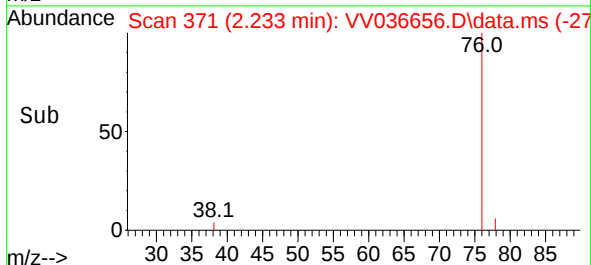
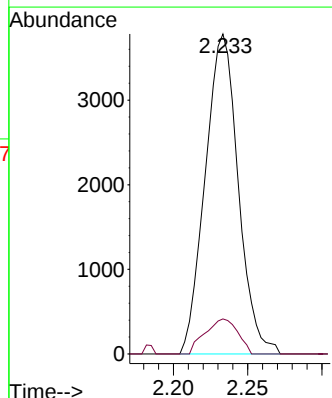
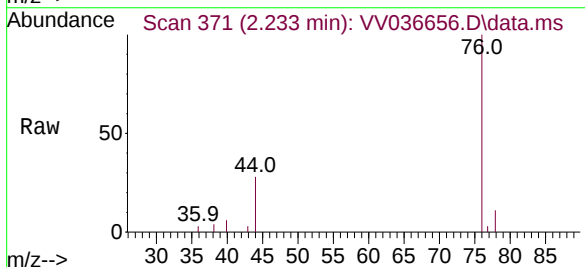
Acq: 23 Jul 2024 18:58

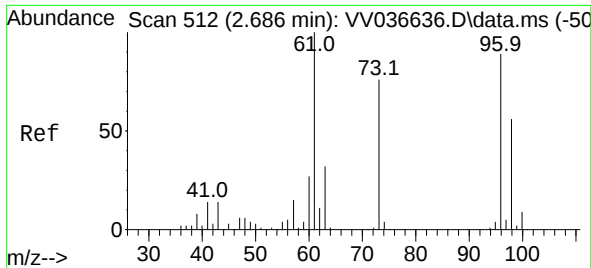
Tgt Ion: 76 Resp: 5862

Ion Ratio Lower Upper

76 100

78 10.9 7.5 11.3

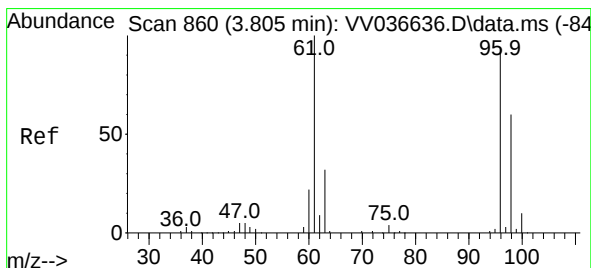
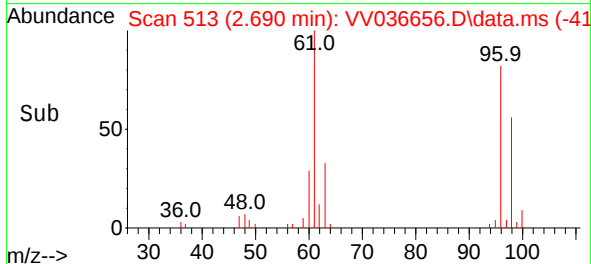
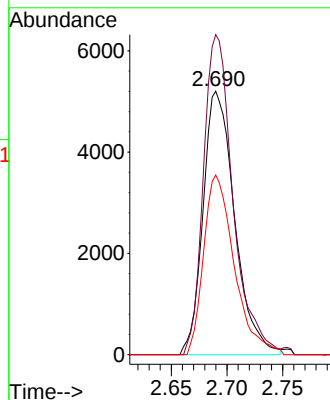
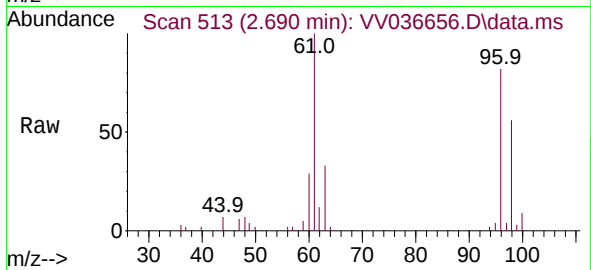




#17
trans-1,2-Dichloroethene
Concen: 2.541 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036656.D
Acq: 23 Jul 2024 18:58

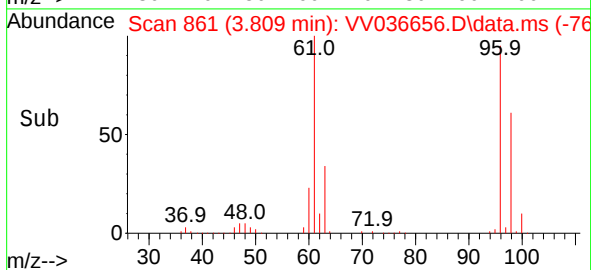
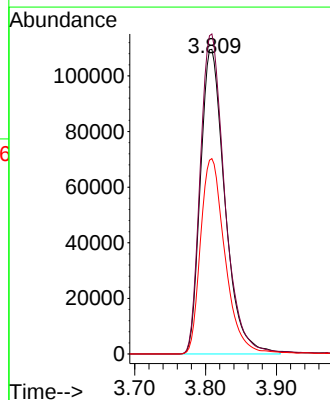
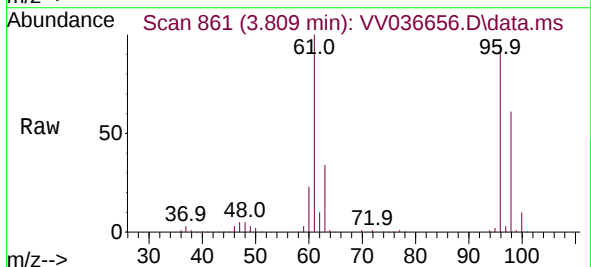
Instrument :
MSVOA_V
ClientSampleId :

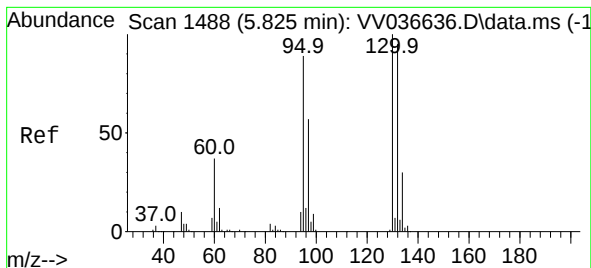
Tgt Ion: 96 Resp: 10269
Ion Ratio Lower Upper
96 100
61 121.4 81.5 151.5
98 68.1 44.3 82.3



#20
cis-1,2-Dichloroethene
Concen: 62.067 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036656.D
Acq: 23 Jul 2024 18:58

Tgt Ion: 96 Resp: 261973
Ion Ratio Lower Upper
96 100
61 105.1 73.0 135.6
98 64.1 44.8 83.2





#34

Trichloroethene

Concen: 8568.585 ug/L

RT: 5.834 min Scan# 1488

Delta R.T. 0.010 min

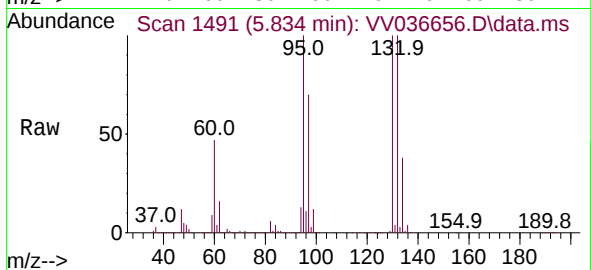
Lab File: VV036656.D

Acq: 23 Jul 2024 18:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 28586962

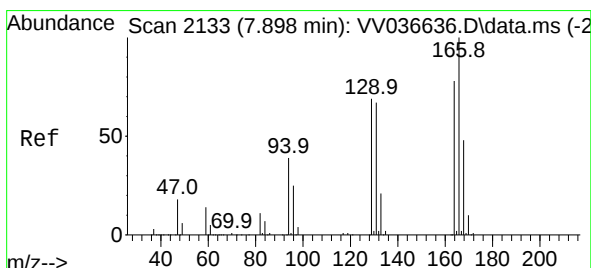
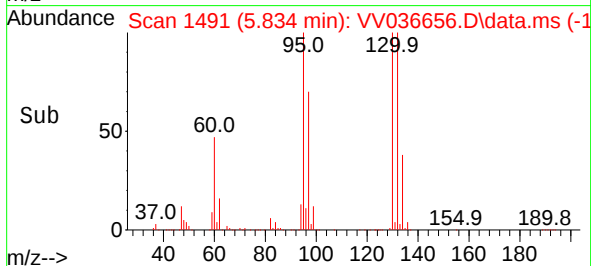
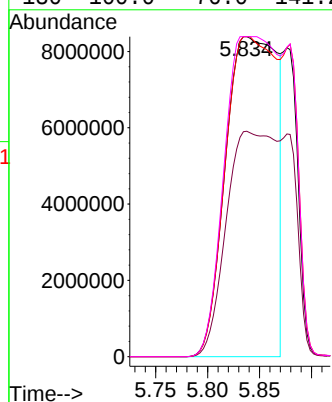
Ion Ratio Lower Upper

95 100

97 70.3 45.1 83.7

132 100.0 72.7 134.9

130 100.0 76.0 141.2



#46

Tetrachloroethene

Concen: 40.495 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036656.D

Acq: 23 Jul 2024 18:58

Tgt Ion: 164 Resp: 134063

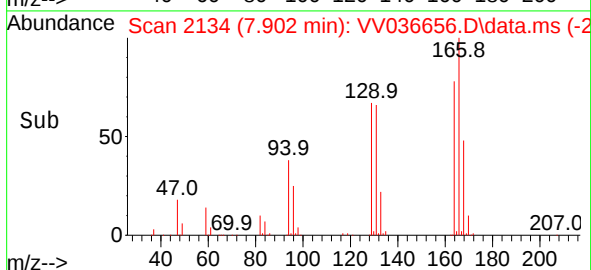
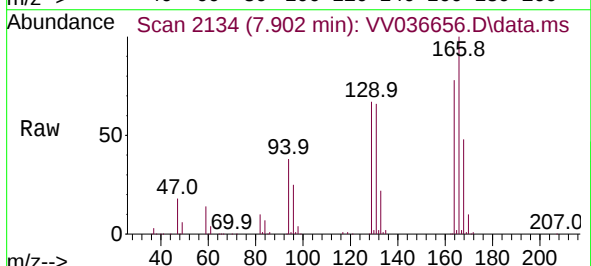
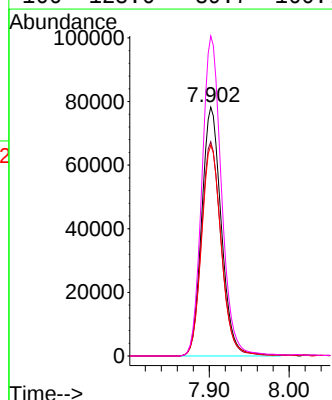
Ion Ratio Lower Upper

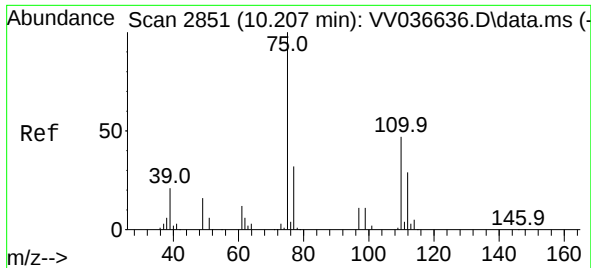
164 100

129 86.1 61.0 113.2

131 84.7 60.1 111.5

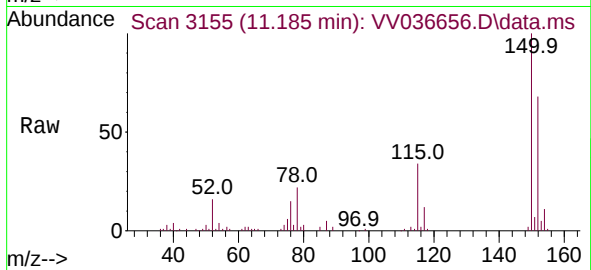
166 128.6 89.7 166.7





#61
 1,2,3-Trichloropropane
 Concen: 4.503 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.978 min
 Lab File: VV036656.D
 Acq: 23 Jul 2024 18:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	2538
Ion Ratio	Lower	Upper
75	100	
77	52.2	25.9 38.9#
110	0.0	36.2 54.4#

