

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036736.D
 Acq On : 26 Jul 2024 17:15
 Operator : SY/MD
 Sample : P3382-01
 Misc : 7.97g/5.00mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

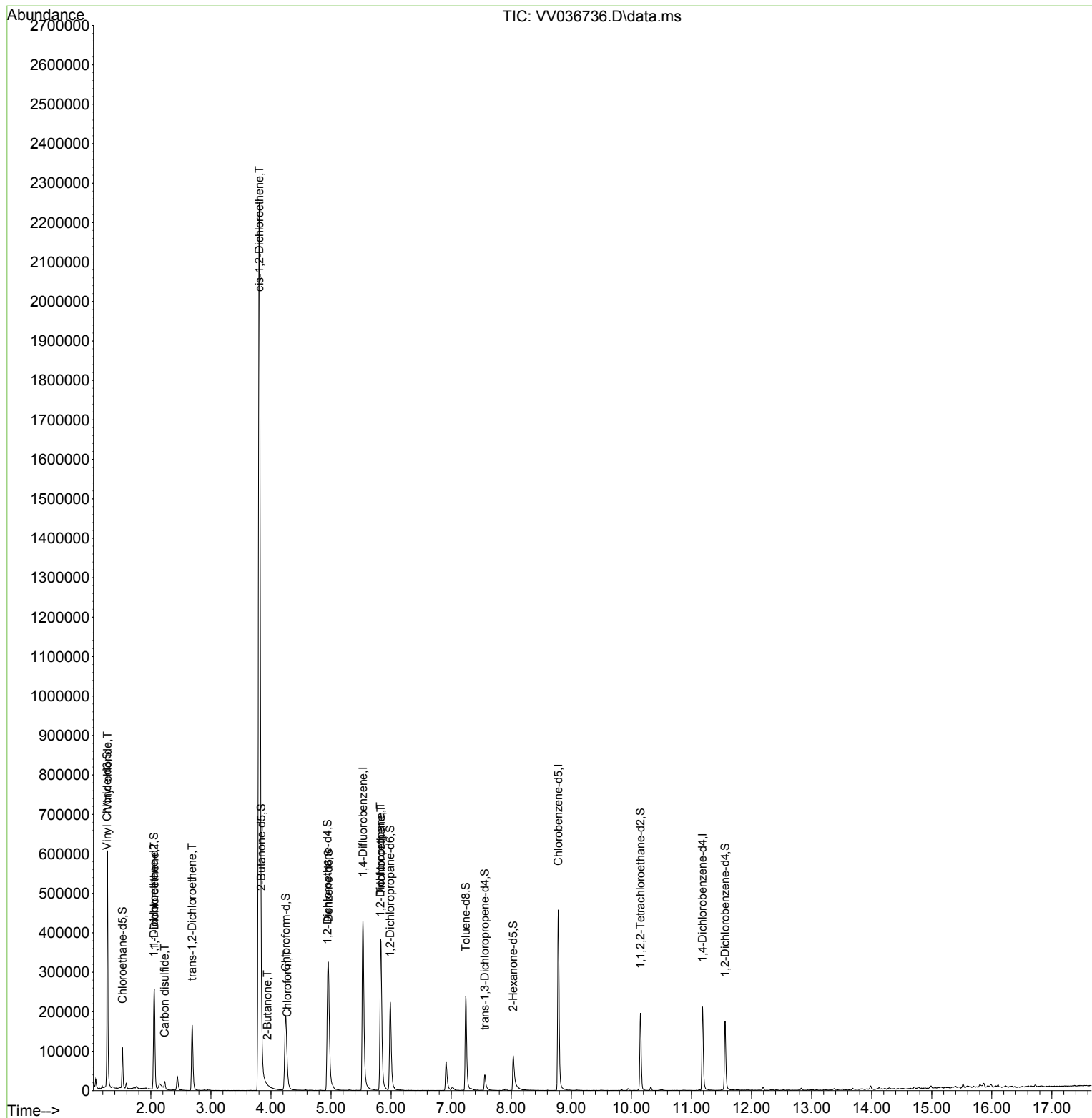
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	418318	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290487	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64871	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	59500	12.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.960%
7) Chloroethane-d5	1.526	69	69476	16.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.160%
11) 1,1-Dichloroethene-d2	2.050	65	24893	10.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.120%#
21) 2-Butanone-d5	3.838	46	24356	22.779	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.560%
24) Chloroform-d	4.246	84	216057	19.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.120%
26) 1,2-Dichloroethane-d4	4.940	65	109285	20.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	4.956	84	295854	21.489	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.960%
36) 1,2-Dichloropropane-d6	5.985	67	113270	28.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.480%
41) Toluene-d8	7.243	98	178399	13.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.320%
43) trans-1,3-Dichloroprop...	7.561	79	28730	16.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.880%
47) 2-Hexanone-d5	8.034	63	34672	66.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.820%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	95536	27.942	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	52324	23.106	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.440%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	337691	50.031	ug/L	100
12) 1,1-Dichloroethene	2.059	96	50029	7.752	ug/L #	77
14) Carbon disulfide	2.230	76	19963	1.115	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	69863	10.719	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	1371489	201.500	ug/L	98
22) 2-Butanone	3.940	43	2242	1.521	ug/L #	50
25) Chloroform	4.272	83	9097	0.737	ug/L	98
34) Trichloroethene	5.828	95	133156	24.665	ug/L	98
37) 1,2-Dichloropropane	5.821	63	2017	0.531	ug/L	100

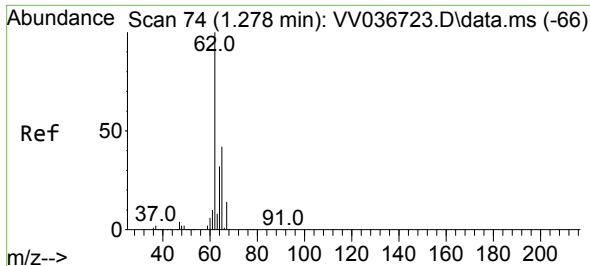
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 27 04:14:21 2024
Response via : Initial Calibration

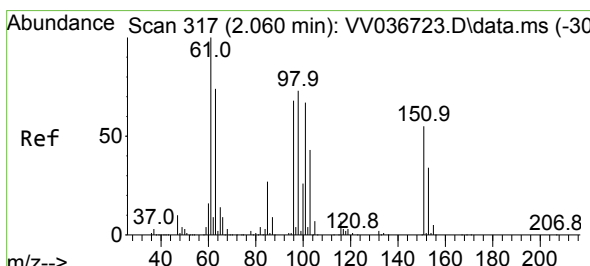
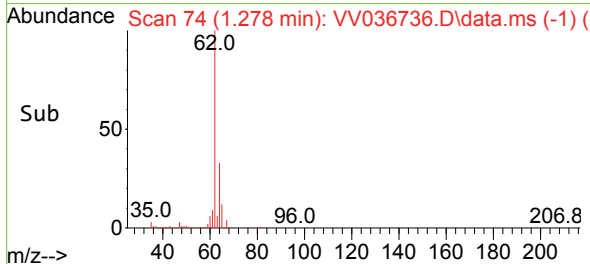
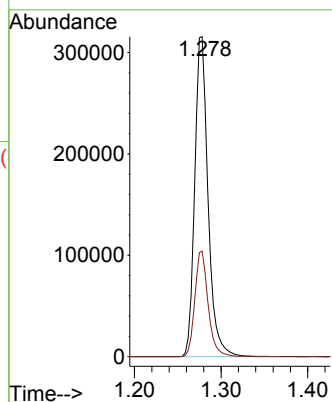
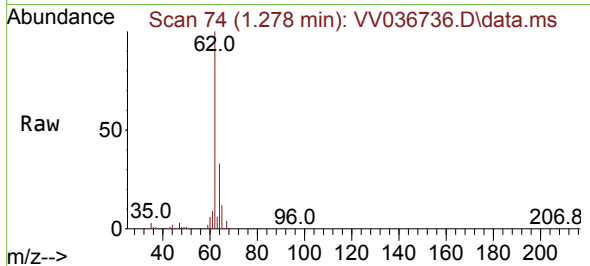




#5
 Vinyl chloride
 Concen: 50.031 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV036736.D
 Acq: 26 Jul 2024 17:15

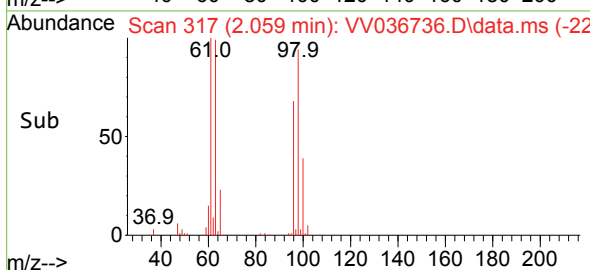
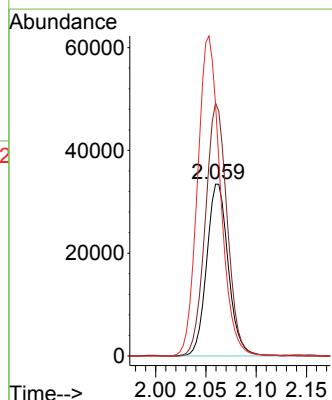
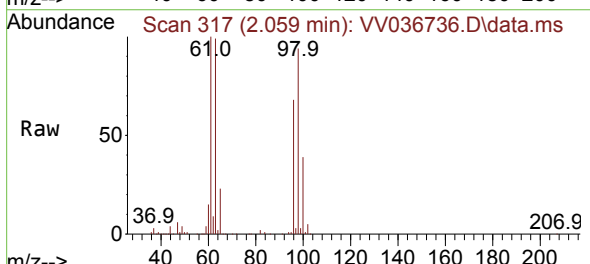
Instrument :
 MSVOA_V
 ClientSampleId :

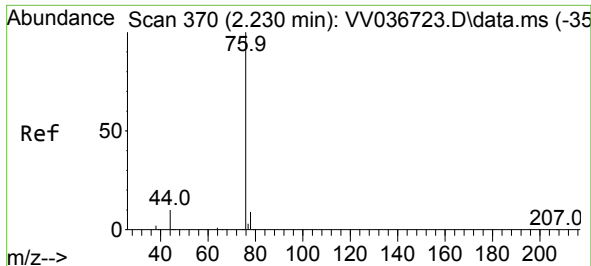
Tgt Ion: 62 Resp: 337691
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 7.752 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036736.D
 Acq: 26 Jul 2024 17:15

Tgt Ion: 96 Resp: 50029
 Ion Ratio Lower Upper
 96 100
 61 147.3 102.3 189.9
 63 146.5 64.1 119.1#





#14

Carbon disulfide

Concen: 1.115 ug/L

RT: 2.230 min Scan# 31

Delta R.T. -0.000 min

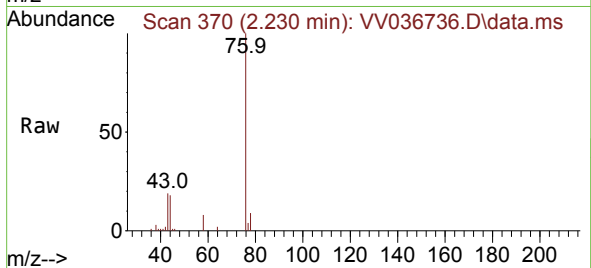
Lab File: VV036736.D

Acq: 26 Jul 2024 17:15

Instrument :

MSVOA_V

ClientSampleId :

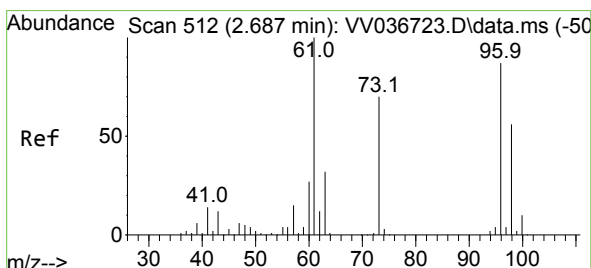
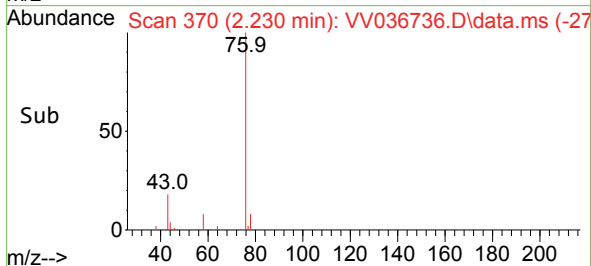
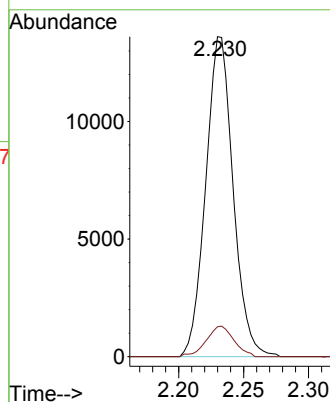


Tgt Ion: 76 Resp: 19963

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#17

trans-1,2-Dichloroethene

Concen: 10.719 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV036736.D

Acq: 26 Jul 2024 17:15

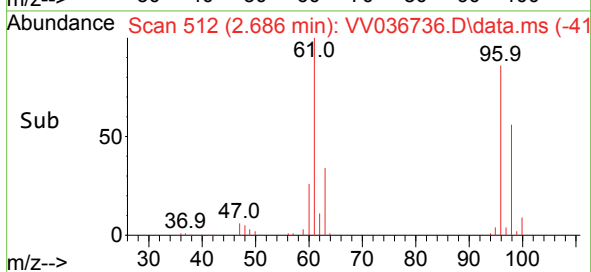
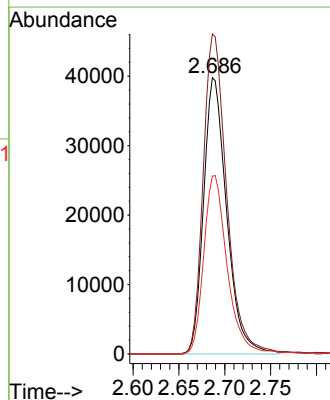
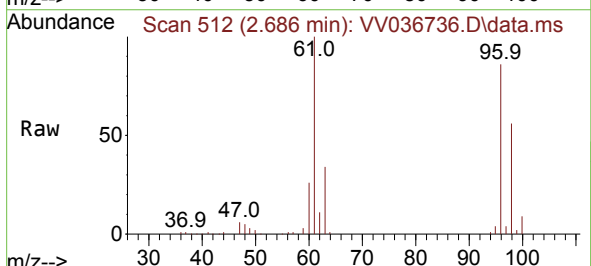
Tgt Ion: 96 Resp: 69863

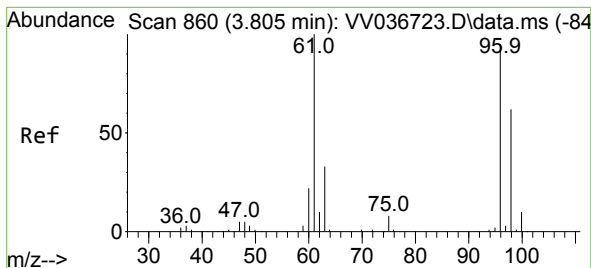
Ion Ratio Lower Upper

96 100

61 115.8 81.5 151.5

98 64.3 44.3 82.3





#20

cis-1,2-Dichloroethene

Concen: 201.500 ug/L

RT: 3.805 min Scan# 80

Delta R.T. -0.000 min

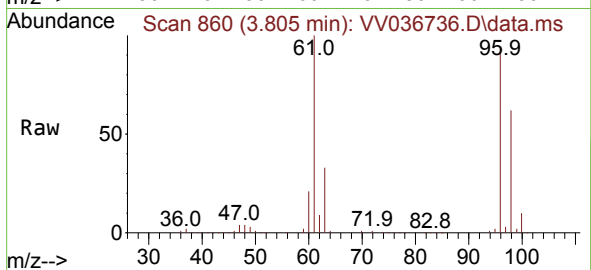
Lab File: VV036736.D

Acq: 26 Jul 2024 17:15

Instrument :

MSVOA_V

ClientSampleId :



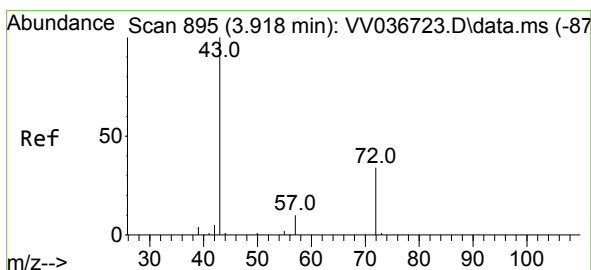
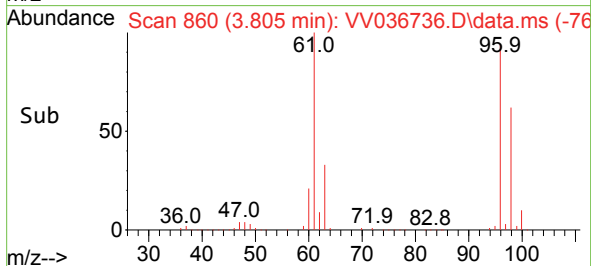
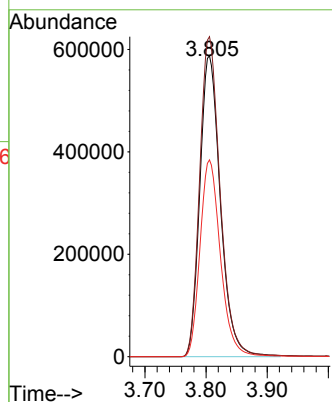
Tgt Ion: 96 Resp: 1371489

Ion Ratio Lower Upper

96 100

61 106.4 73.0 135.6

98 65.4 44.8 83.2



#22

2-Butanone

Concen: 1.521 ug/L

RT: 3.940 min Scan# 902

Delta R.T. 0.022 min

Lab File: VV036736.D

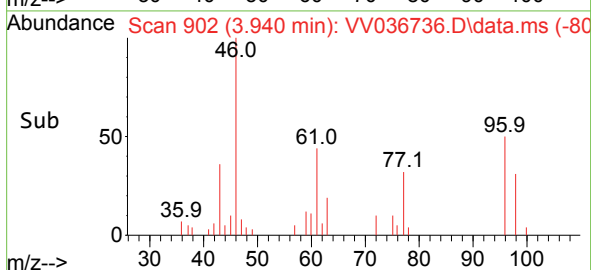
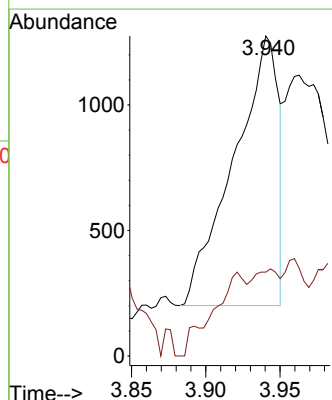
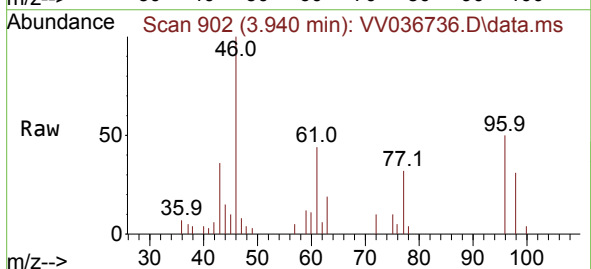
Acq: 26 Jul 2024 17:15

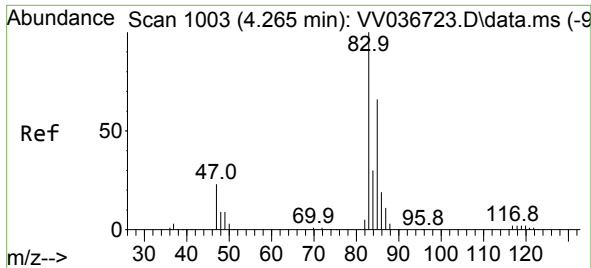
Tgt Ion: 43 Resp: 2242

Ion Ratio Lower Upper

43 100

72 3.3 15.2 45.5#

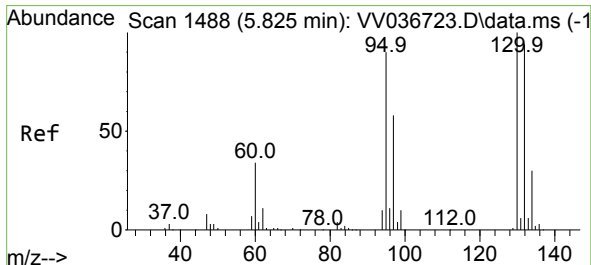
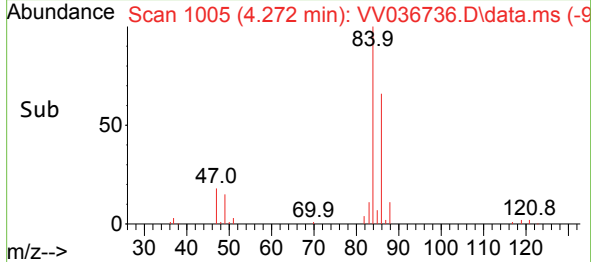
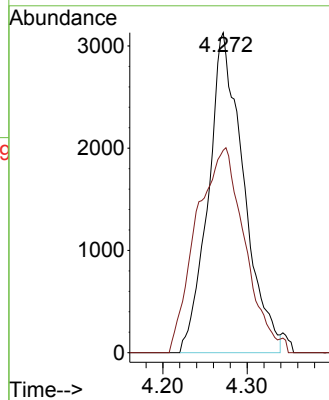
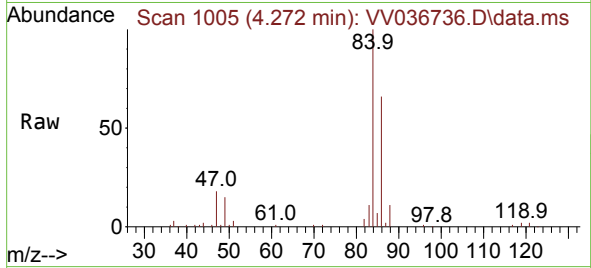




#25
Chloroform
Concen: 0.737 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV036736.D
Acq: 26 Jul 2024 17:15

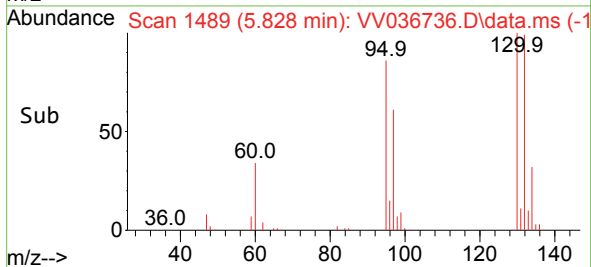
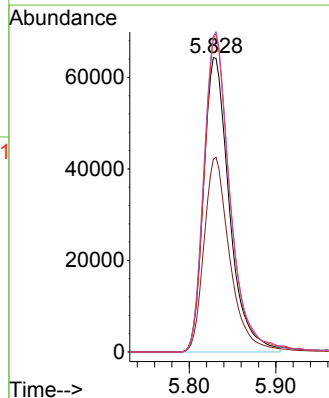
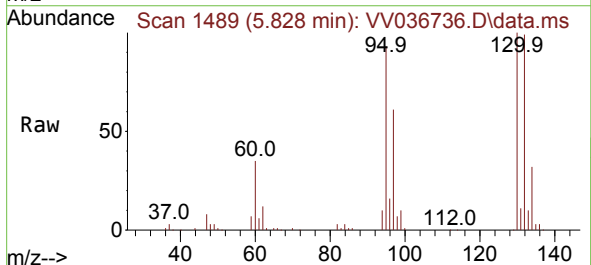
Instrument :
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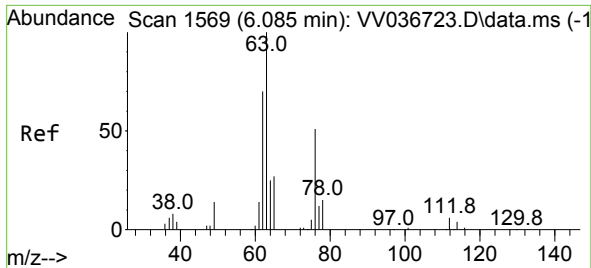
Tgt Ion: 83 Resp: 9097
Ion Ratio Lower Upper
83 100
85 63.3 45.6 84.6



#34
Trichloroethene
Concen: 24.665 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV036736.D
Acq: 26 Jul 2024 17:15

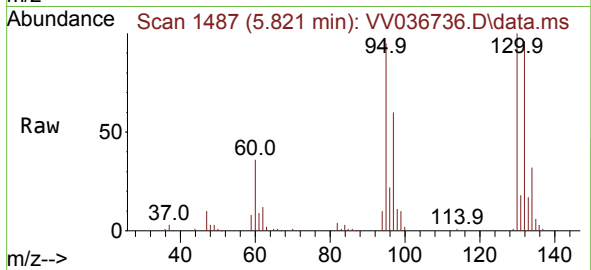
Tgt Ion: 95 Resp: 133156
Ion Ratio Lower Upper
95 100
97 65.5 45.1 83.7
132 106.5 72.7 134.9
130 107.2 76.0 141.2





#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 5.821 min Scan# 14
 Delta R.T. -0.264 min
 Lab File: VV036736.D
 Acq: 26 Jul 2024 17:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 63 Resp: 2017
 Ion Ratio Lower Upper
 63 100
 112 6.1 4.8 7.2

