

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037604.D
 Acq On : 27 Sep 2024 14:32
 Operator : SY/MD
 Sample : P4184-06
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:49:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

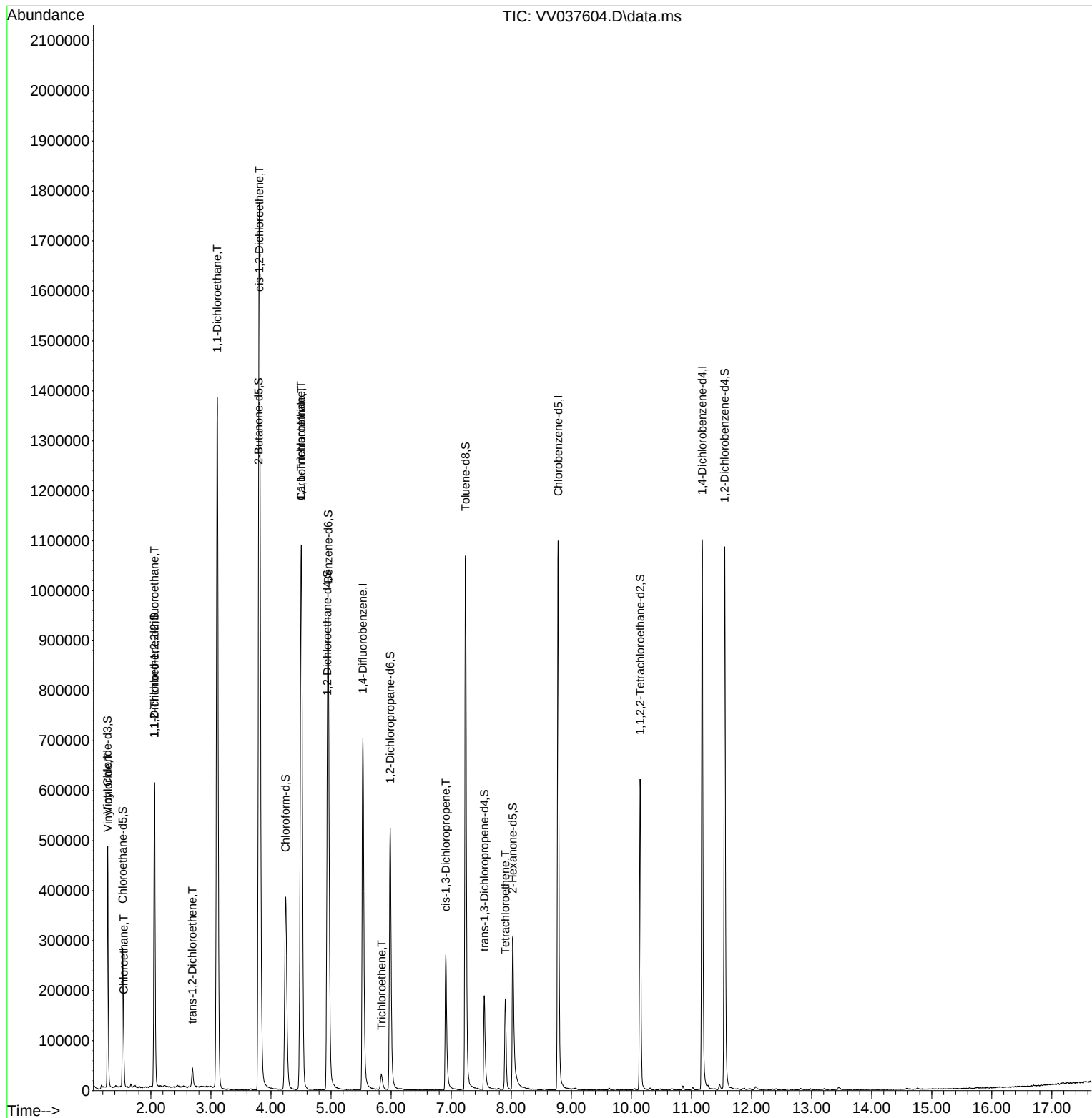
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	634994	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	612255	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	285600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	219495	39.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.760%
7) Chloroethane-d5	1.532	69	183780	42.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.940%
11) 1,1-Dichloroethene-d2	2.059	65	96592	41.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
21) 2-Butanone-d5	3.793	46	181930	91.632	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.630%
24) Chloroform-d	4.243	84	416149	41.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	4.937	65	251987	43.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
32) Benzene-d6	4.953	84	839552	43.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	5.985	67	261382	42.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.680%
41) Toluene-d8	7.239	98	734243	42.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.520%
43) trans-1,3-Dichloroprop...	7.551	79	118773	41.910	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.820%
47) 2-Hexanone-d5	8.024	63	106728	82.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.850%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	304769	42.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.980%
66) 1,2-Dichlorobenzene-d4	11.554	152	280272	46.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	112849	20.057	ug/L	95
8) Chloroethane	1.548	64	31933	9.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3170	0.700	ug/L #	28
17) trans-1,2-Dichloroethene	2.693	96	12455	2.785	ug/L	92
19) 1,1-Dichloroethane	3.104	63	1369214	159.792	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	950610	189.943	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	914653	121.295	ug/L	100
31) Carbon tetrachloride	4.506	117	119390	18.211	ug/L	99
34) Trichloroethene	5.841	95	10293	2.093	ug/L	88
39) cis-1,3-Dichloropropene	6.908	75	7573	0.995	ug/L #	61
46) Tetrachloroethene	7.902	164	42282	11.246	ug/L	97

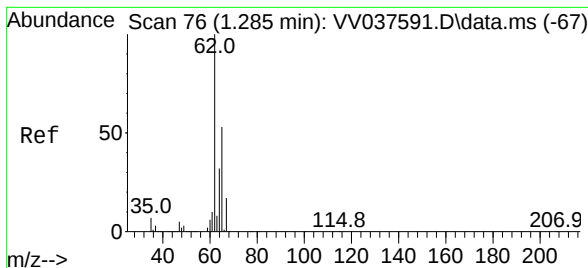
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037604.D
Acq On : 27 Sep 2024 14:32
Operator : SY/MD
Sample : P4184-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 27 23:49:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.057 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037604.D

Acq: 27 Sep 2024 14:32

Instrument :

MSVOA_V

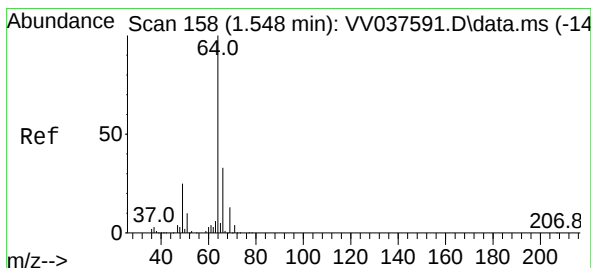
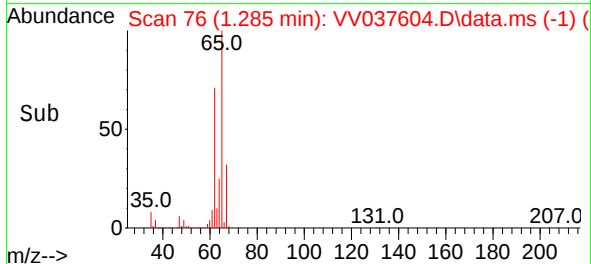
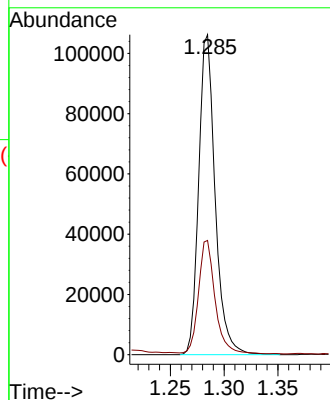
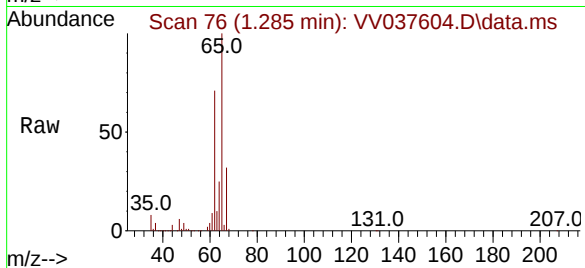
ClientSampleId :

Tgt Ion: 62 Resp: 112849

Ion Ratio Lower Upper

62 100

64 35.7 23.2 43.0



#8

Chloroethane

Concen: 9.208 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037604.D

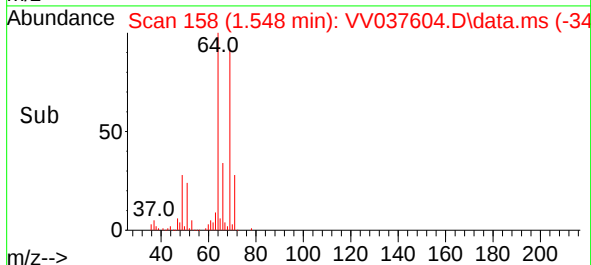
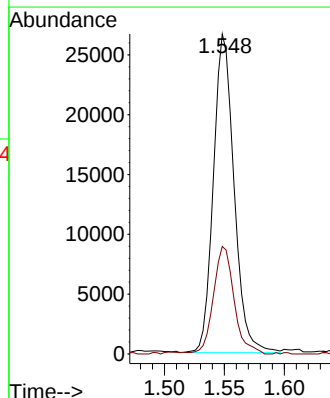
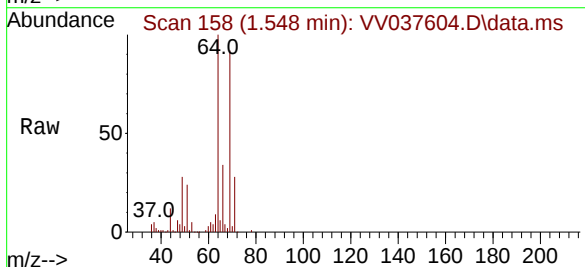
Acq: 27 Sep 2024 14:32

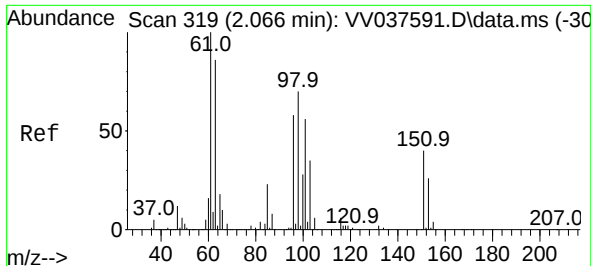
Tgt Ion: 64 Resp: 31933

Ion Ratio Lower Upper

64 100

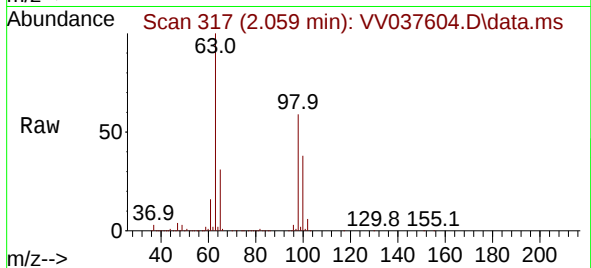
66 33.6 22.2 41.2



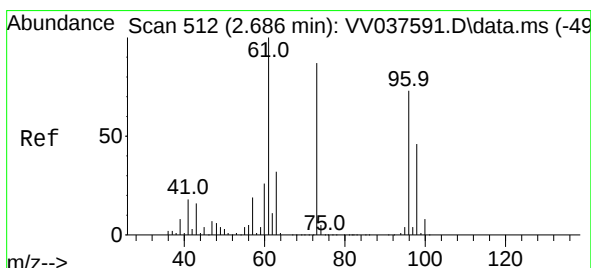
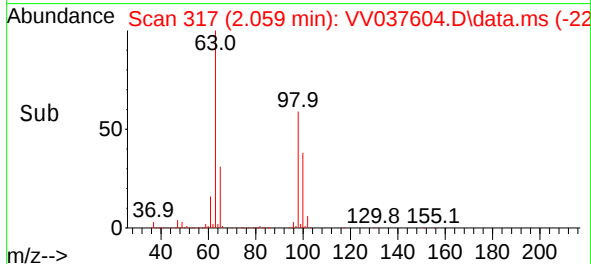
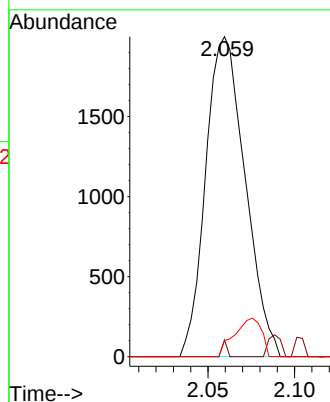


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.700 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

Instrument :
MSVOA_V
ClientSampleId :

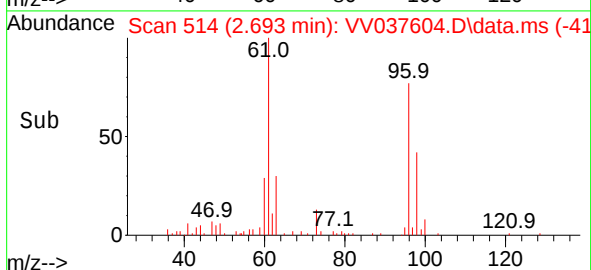
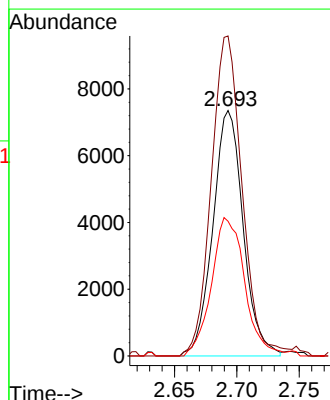
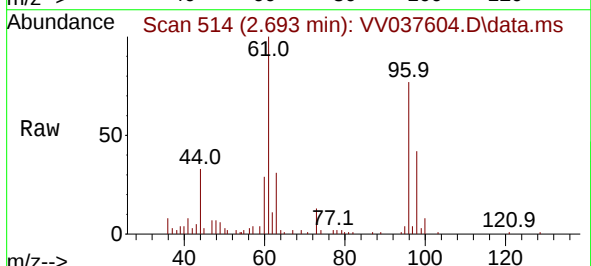


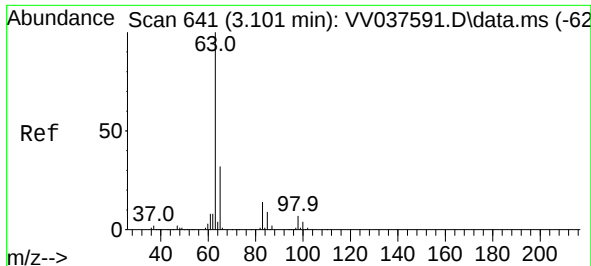
Tgt Ion:101 Resp: 3170
Ion Ratio Lower Upper
101 100
85 2.2 34.6 52.0#
151 8.3 57.5 86.3#



#17
trans-1,2-Dichloroethene
Concen: 2.785 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

Tgt Ion: 96 Resp: 12455
Ion Ratio Lower Upper
96 100
61 130.4 97.3 180.7
98 54.9 43.9 81.5





#19

1,1-Dichloroethane

Concen: 159.792 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV037604.D

Acq: 27 Sep 2024 14:32

Instrument :

MSVOA_V

ClientSampleId :

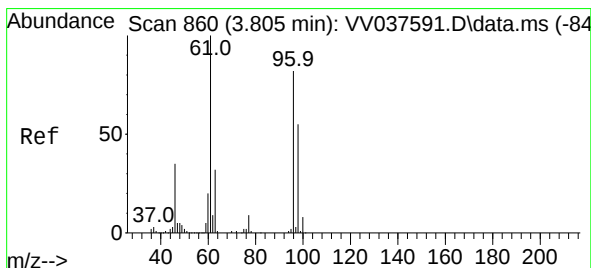
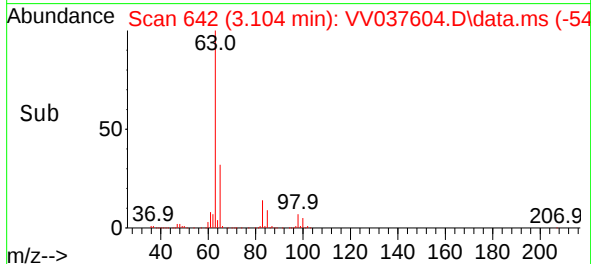
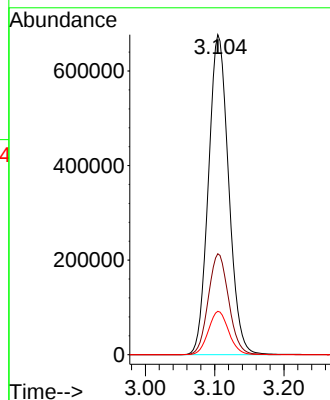
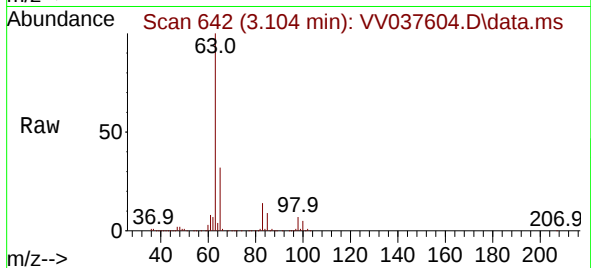
Tgt Ion: 63 Resp: 1369214

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 13.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 189.943 ug/L

RT: 3.805 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV037604.D

Acq: 27 Sep 2024 14:32

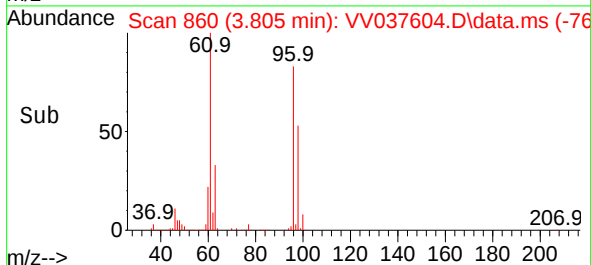
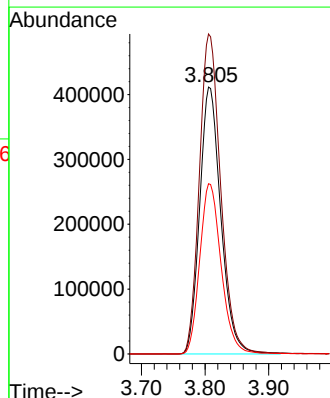
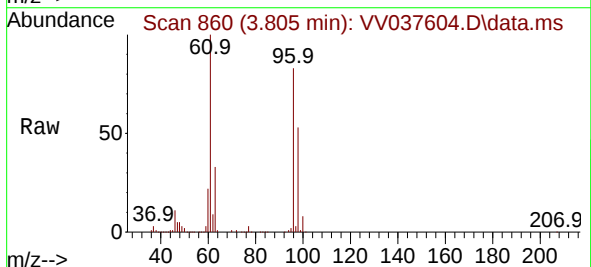
Tgt Ion: 96 Resp: 950610

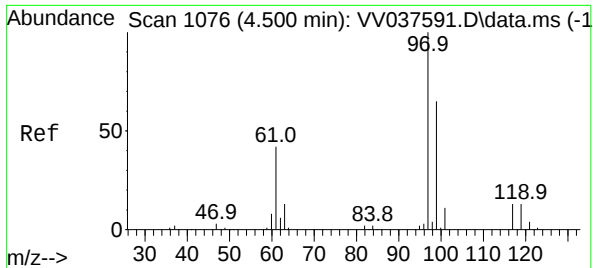
Ion Ratio Lower Upper

96 100

61 119.9 85.0 157.8

98 63.8 44.2 82.0

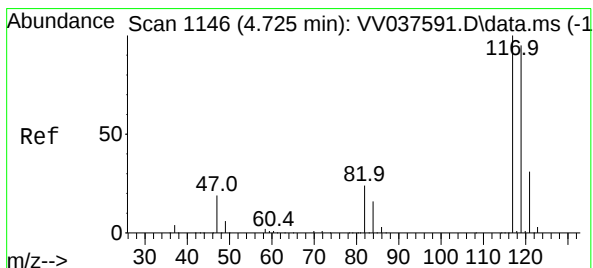
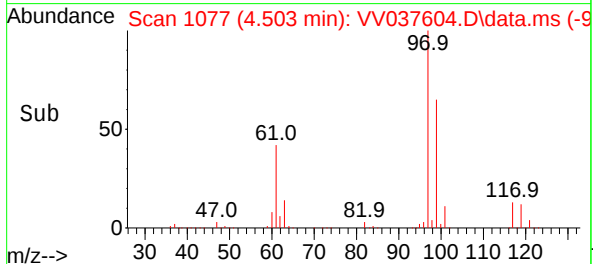
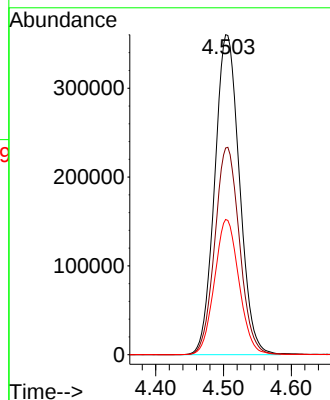
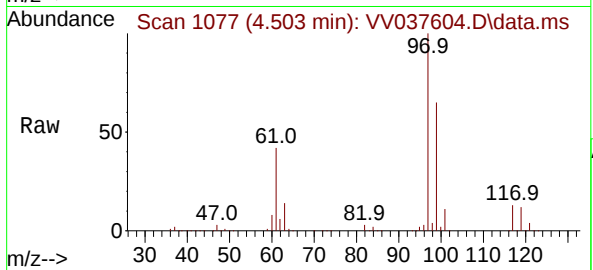




#30
1,1,1-Trichloroethane
Concen: 121.295 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

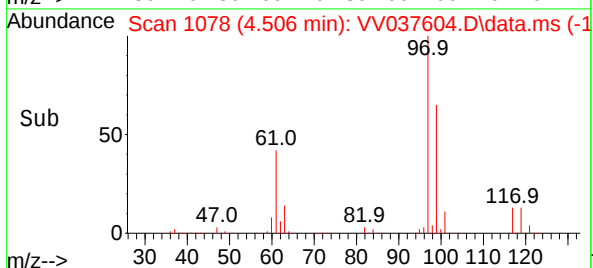
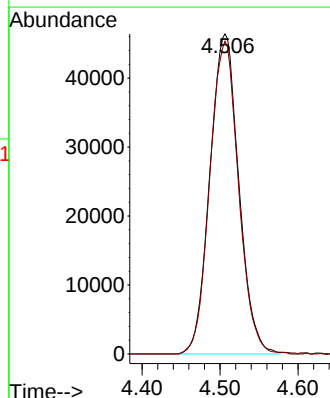
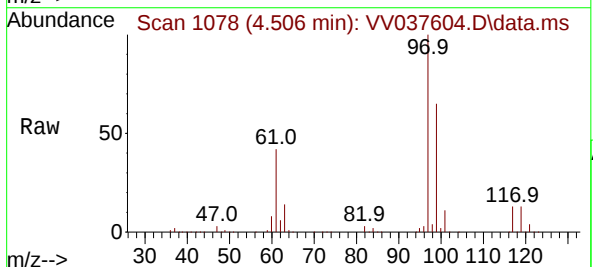
Instrument :
MSVOA_V
ClientSampleId :

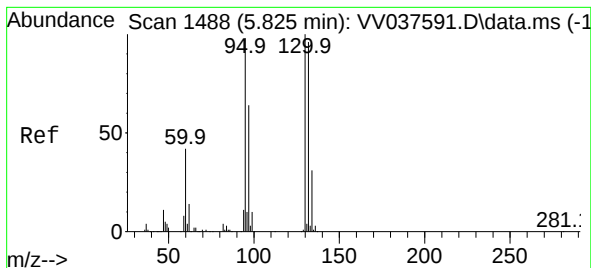
Tgt Ion: 97 Resp: 914653
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 42.0 33.6 50.4



#31
Carbon tetrachloride
Concen: 18.211 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. -0.219 min
Lab File: VV037604.D
Acq: 27 Sep 2024 14:32

Tgt Ion:117 Resp: 119390
Ion Ratio Lower Upper
117 100
119 97.1 76.9 115.3





#34

Trichloroethene

Concen: 2.093 ug/L

RT: 5.841 min Scan# 1488

Delta R.T. 0.016 min

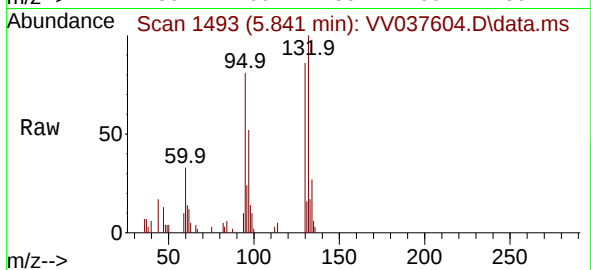
Lab File: VV037604.D

Acq: 27 Sep 2024 14:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 10293

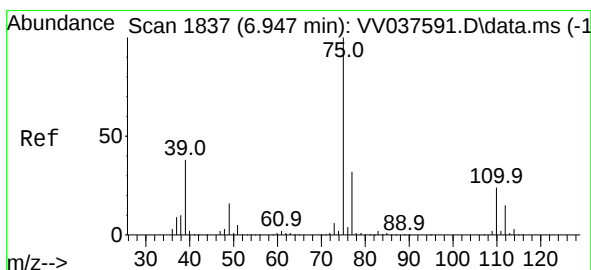
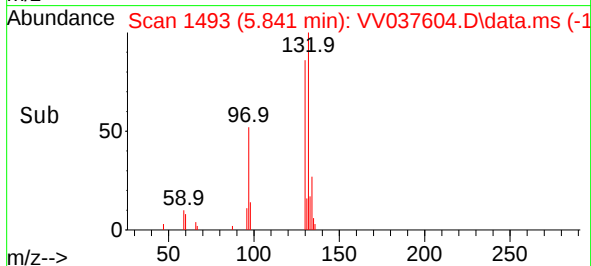
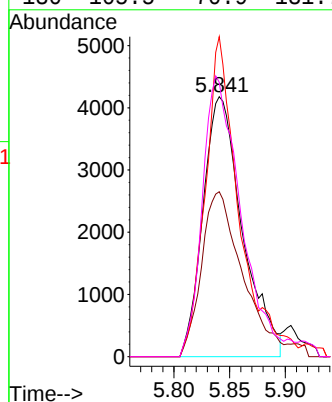
Ion Ratio Lower Upper

95 100

97 63.4 46.3 85.9

132 123.1 68.6 127.4

130 105.5 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.995 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.039 min

Lab File: VV037604.D

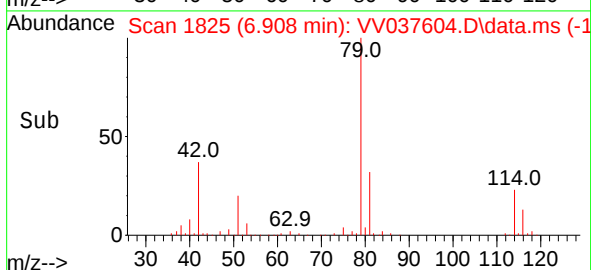
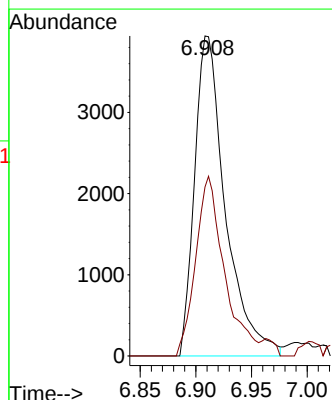
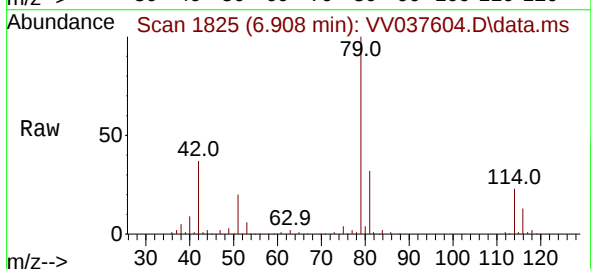
Acq: 27 Sep 2024 14:32

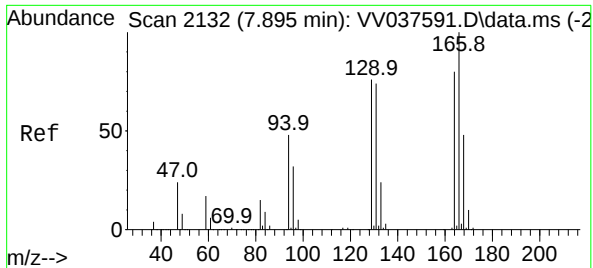
Tgt Ion: 75 Resp: 7573

Ion Ratio Lower Upper

75 100

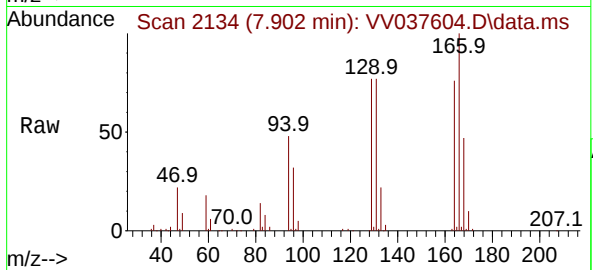
77 52.8 21.8 40.4#





#46
 Tetrachloroethene
 Concen: 11.246 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.006 min
 Lab File: VV037604.D
 Acq: 27 Sep 2024 14:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:164	Resp:	42282
Ion	Ratio	Lower Upper
164	100	
129	100.5	68.2 126.6
131	100.3	66.1 122.8
166	131.0	91.1 169.1

