

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037595.D
 Acq On : 27 Sep 2024 10:54
 Operator : SY/MD
 Sample : P4185-18
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY076

Quant Time: Sep 27 23:46:41 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)

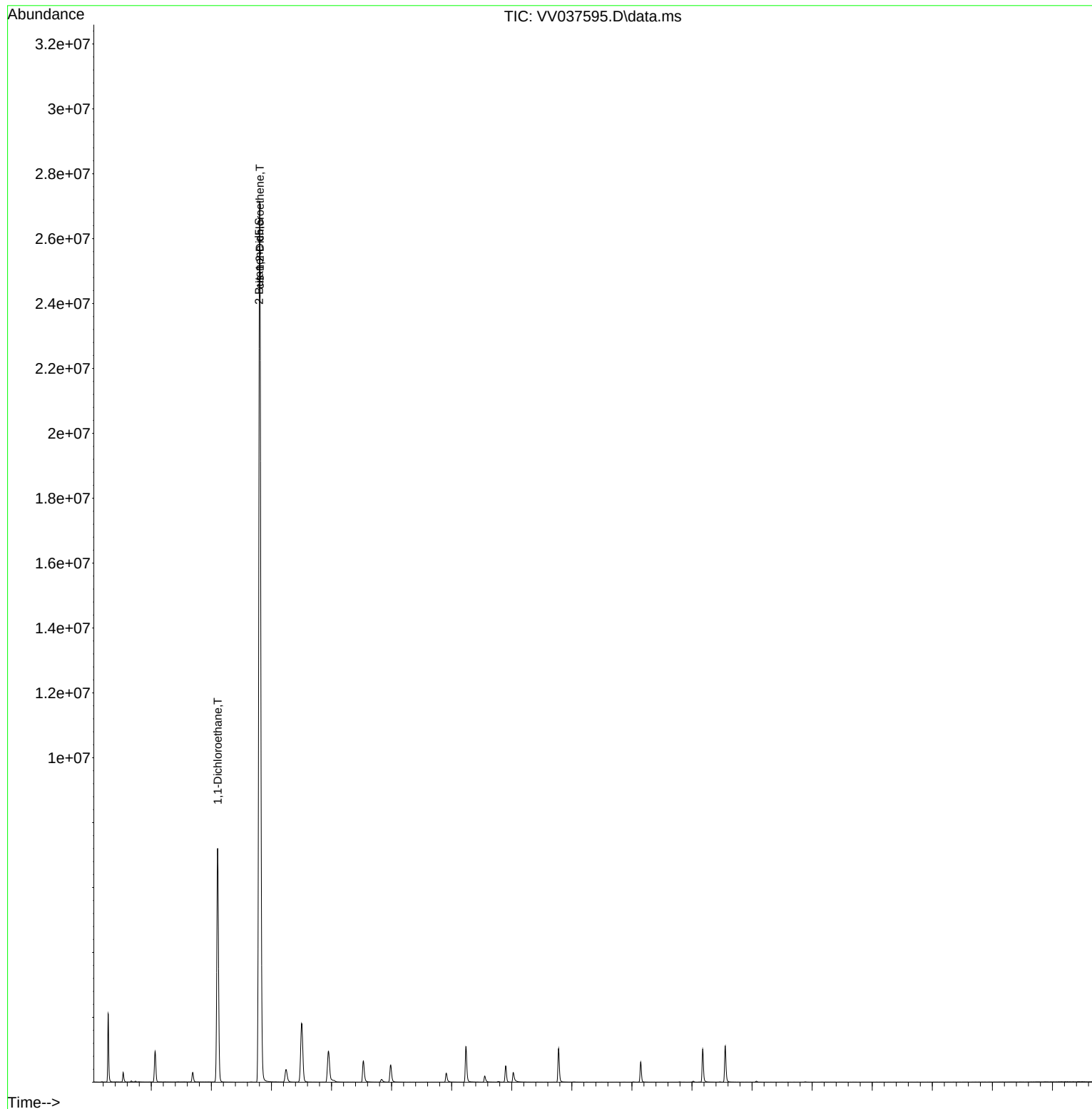
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	585593	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	567453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	271232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	245587	47.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.540%		
7) Chloroethane-d5	1.532	69	188899	47.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.680%		
11) 1,1-Dichloroethene-d2	2.059	65	102822	47.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.760%		
21) 2-Butanone-d5	3.796	46	196258	107.188	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.190%		
24) Chloroform-d	4.243	84	420179	45.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
26) 1,2-Dichloroethane-d4	4.937	65	253979	47.444	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.880%		
32) Benzene-d6	4.953	84	833238	46.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
36) 1,2-Dichloropropane-d6	5.985	67	267156	47.249	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.500%		
41) Toluene-d8	7.236	98	748107	46.463	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.920%		
43) trans-1,3-Dichloroprop...	7.548	79	116611	44.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.800%		
47) 2-Hexanone-d5	8.024	63	103621	86.788	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.790%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	299919	45.651	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.300%		
66) 1,2-Dichlorobenzene-d4	11.554	152	285366	49.929	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.860%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	1171559	225.792	ug/L	100
8) Chloroethane	1.548	64	23445	7.331	ug/L	99
12) 1,1-Dichloroethene	2.069	96	155970	40.007	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	110175	26.713	ug/L	99
19) 1,1-Dichloroethane	3.104	63	6985321	883.984	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	15085543	3268.562	ug/L	98
27) 1,2-Dichloroethane	5.043	62	35181	6.091	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	1509243	215.948	ug/L	99
33) Benzene	5.008	78	58067	3.393	ug/L	100
34) Trichloroethene	5.834	95	33205	7.286	ug/L	95
45) 1,1,2-Trichloroethane	7.779	97	7931	1.869	ug/L	97
46) Tetrachloroethene	7.898	164	112226	32.206	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	22166	2.642	ug/L	97

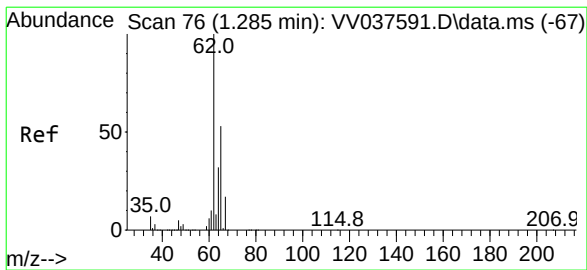
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 225.792 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037595.D

Acq: 27 Sep 2024 10:54

Instrument :

MSVOA_V

ClientSampleId :

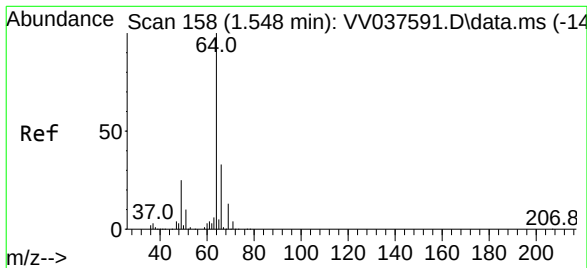
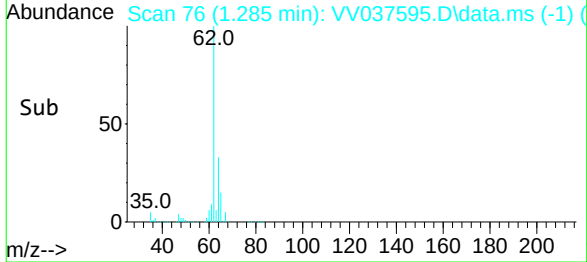
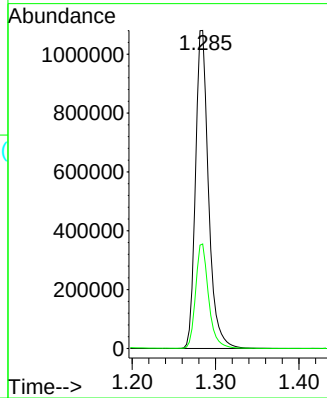
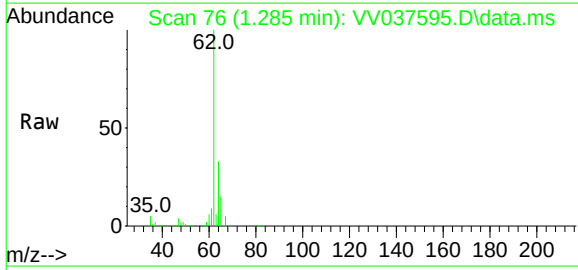
EY076

Tgt Ion: 62 Resp: 1171559

Ion Ratio Lower Upper

62 100

64 32.9 23.2 43.0



#8

Chloroethane

Concen: 7.331 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037595.D

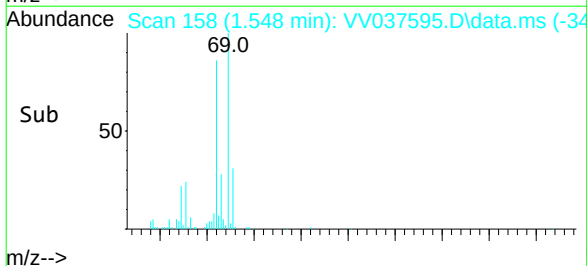
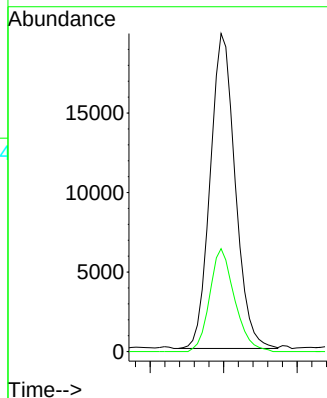
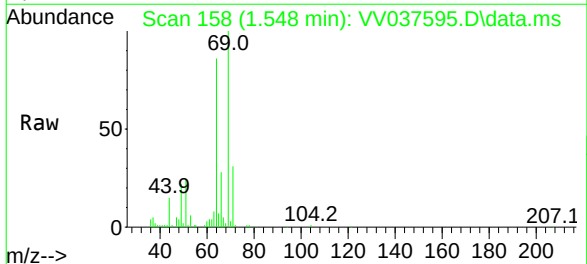
Acq: 27 Sep 2024 10:54

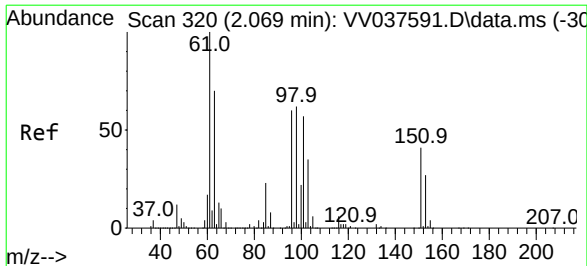
Tgt Ion: 64 Resp: 23445

Ion Ratio Lower Upper

64 100

66 32.4 22.2 41.2





#12

1,1-Dichloroethene

Concen: 40.007 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037595.D

Acq: 27 Sep 2024 10:54

Instrument :

MSVOA_V

ClientSampleId :

EY076

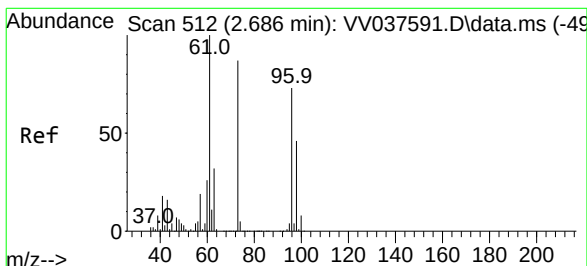
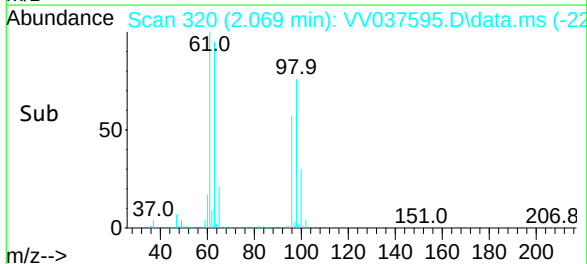
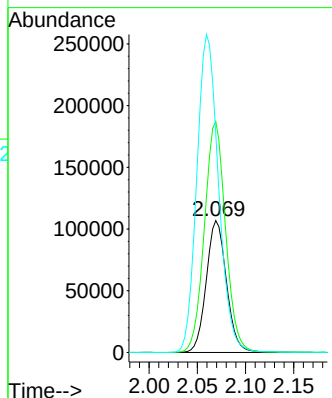
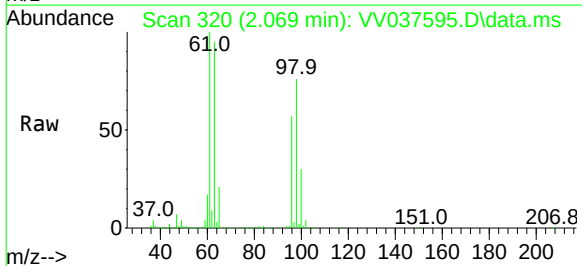
Tgt Ion: 96 Resp: 155970

Ion Ratio Lower Upper

96 100

61 175.1 122.6 227.6

63 165.7 118.0 219.2



#17

trans-1,2-Dichloroethene

Concen: 26.713 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV037595.D

Acq: 27 Sep 2024 10:54

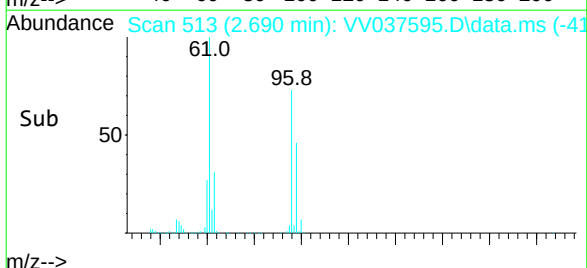
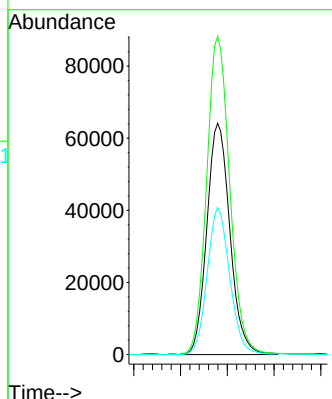
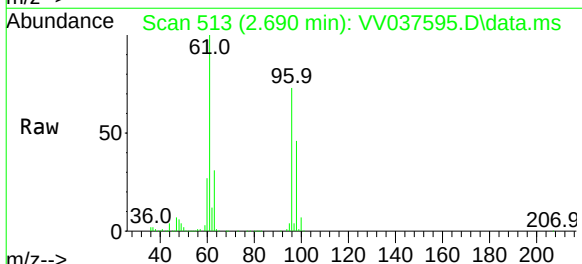
Tgt Ion: 96 Resp: 110175

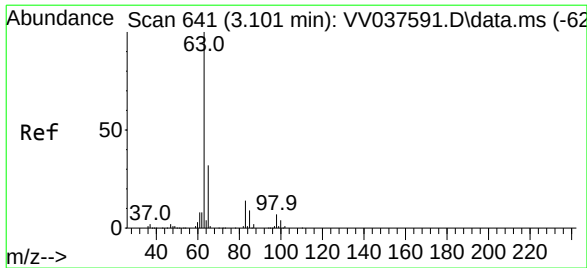
Ion Ratio Lower Upper

96 100

61 137.5 97.3 180.7

98 63.6 43.9 81.5

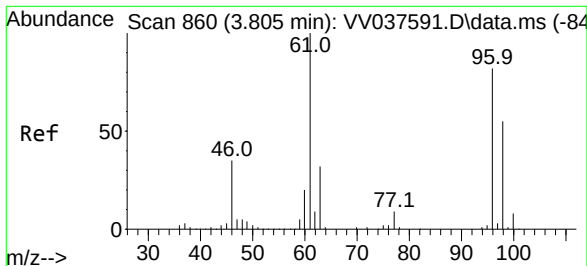
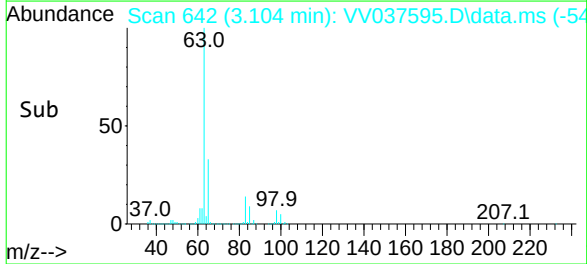
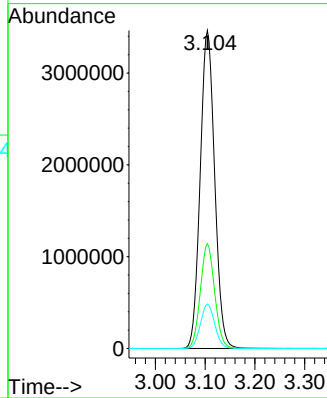
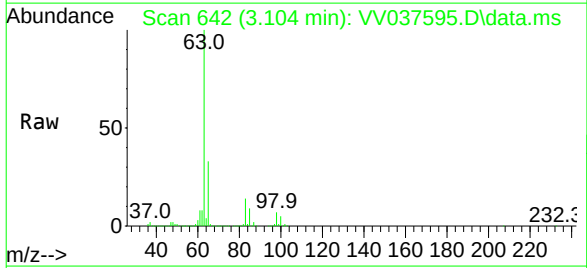




#19
1,1-Dichloroethane
Concen: 883.984 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037595.D
Acq: 27 Sep 2024 10:54

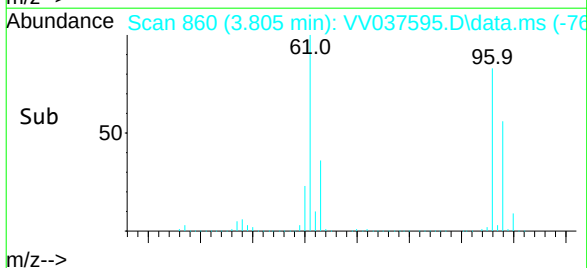
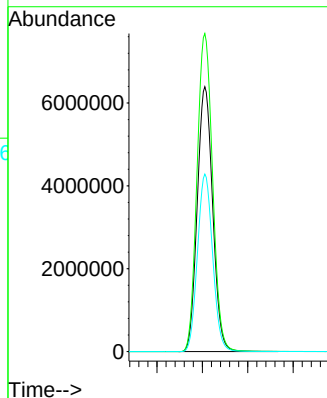
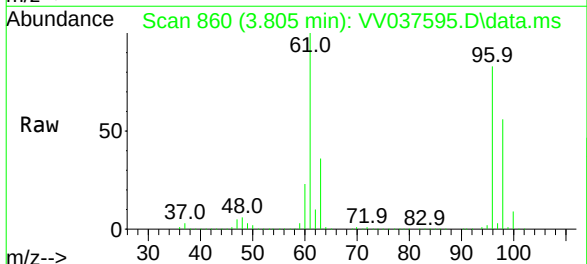
Instrument :
MSVOA_V
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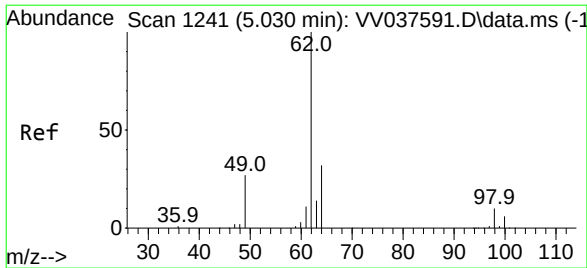
Tgt Ion: 63 Resp: 6985321
Ion Ratio Lower Upper
63 100
65 32.9 22.4 41.6
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 3268.562 ug/L
RT: 3.805 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037595.D
Acq: 27 Sep 2024 10:54

Tgt Ion: 96 Resp:15085543
Ion Ratio Lower Upper
96 100
61 120.1 85.0 157.8
98 67.0 44.2 82.0

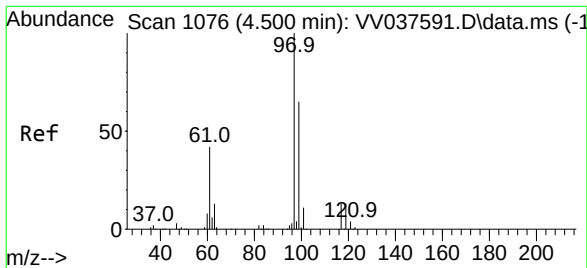
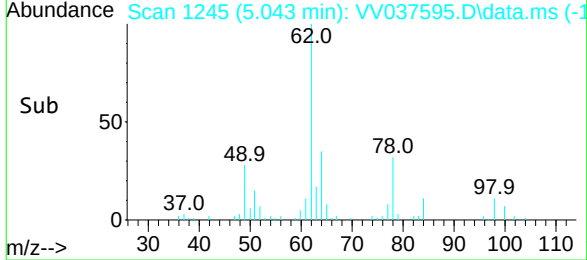
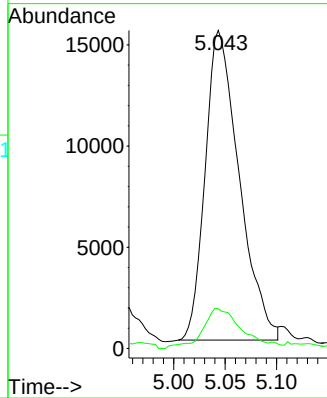
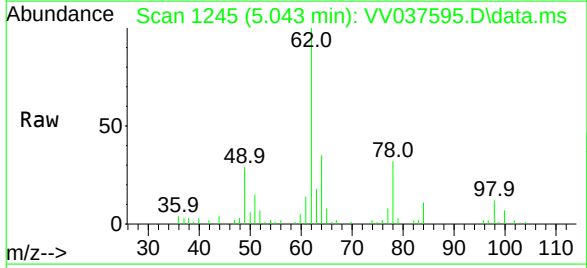




#27
1,2-Dichloroethane
Concen: 6.091 ug/L
RT: 5.043 min Scan# 1241
Delta R.T. 0.013 min
Lab File: VV037595.D
Acq: 27 Sep 2024 10:54

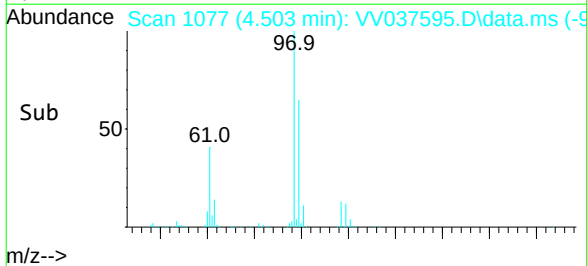
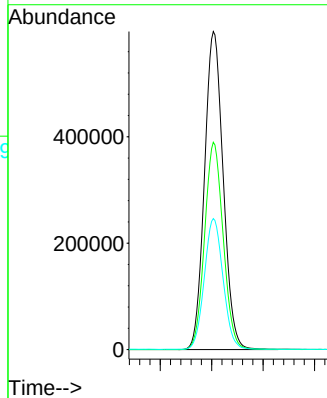
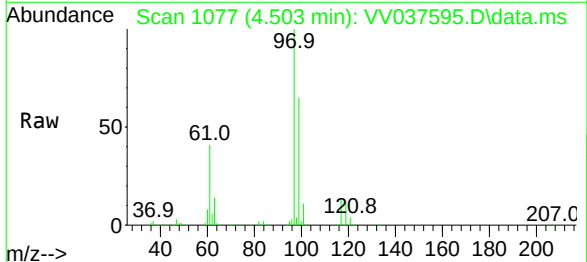
Instrument :
MSVOA_V
ClientSampleId :
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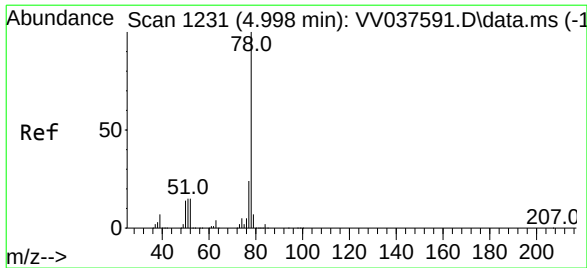
Tgt Ion: 62 Resp: 35181
Ion Ratio Lower Upper
62 100
98 12.5 8.4 12.6



#30
1,1,1-Trichloroethane
Concen: 215.948 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037595.D
Acq: 27 Sep 2024 10:54

Tgt Ion: 97 Resp: 1509243
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 41.0 33.6 50.4





#33

Benzene

Concen: 3.393 ug/L

RT: 5.008 min Scan# 12

Delta R.T. 0.010 min

Lab File: VV037595.D

Acq: 27 Sep 2024 10:54

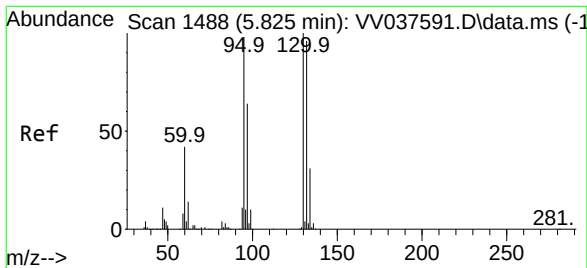
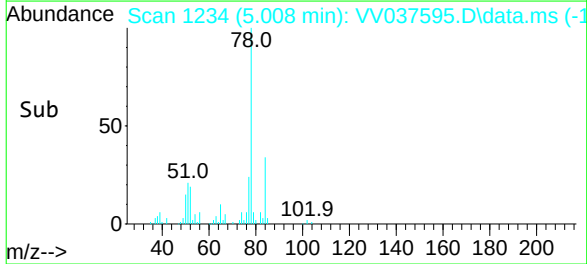
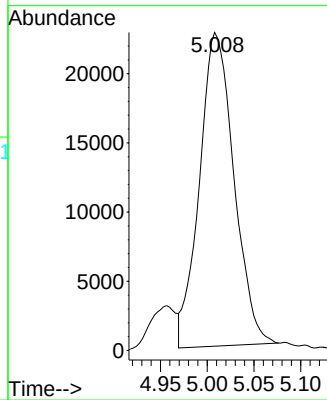
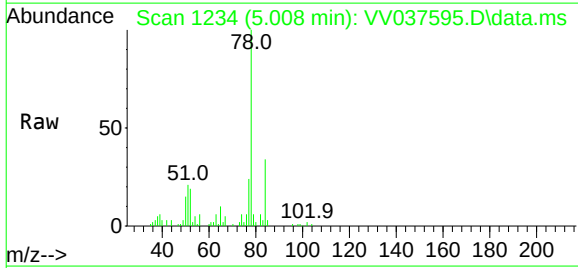
Instrument :

MSVOA_V

ClientSampleId :

EY076

Tgt Ion: 78 Resp: 58067



#34

Trichloroethene

Concen: 7.286 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV037595.D

Acq: 27 Sep 2024 10:54

Tgt Ion: 95 Resp: 33205

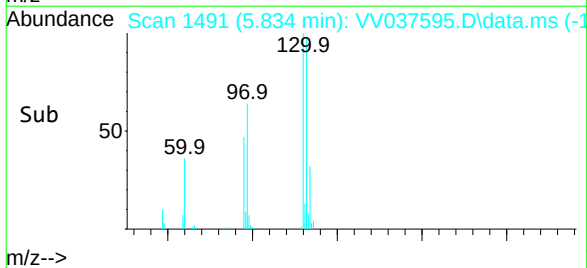
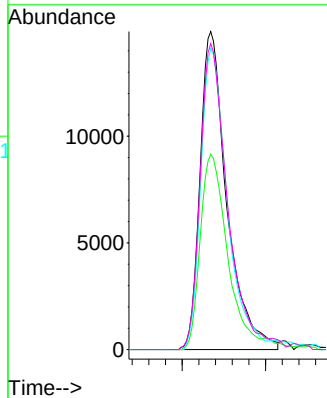
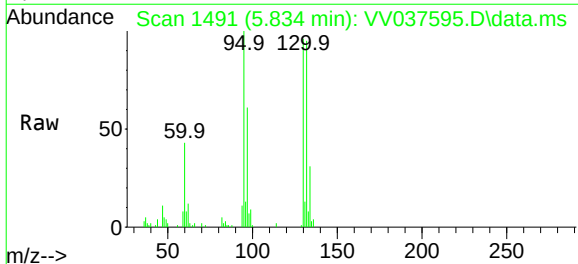
Ion Ratio Lower Upper

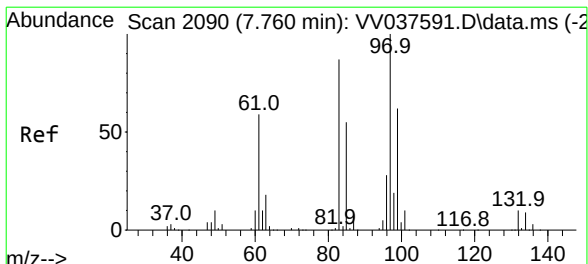
95 100

97 61.4 46.3 85.9

132 94.7 68.6 127.4

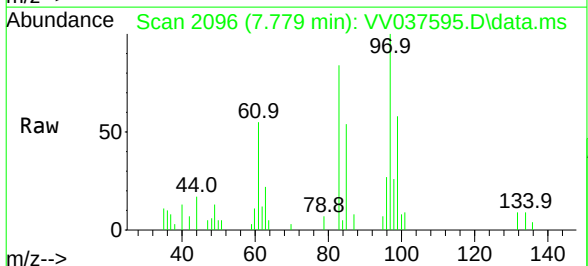
130 96.2 70.9 131.7



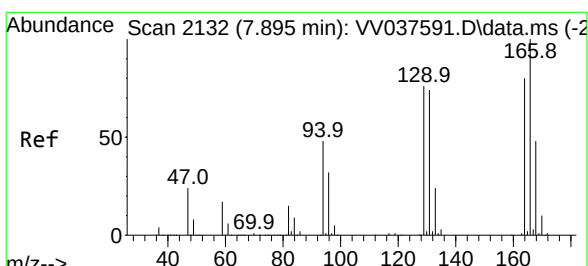
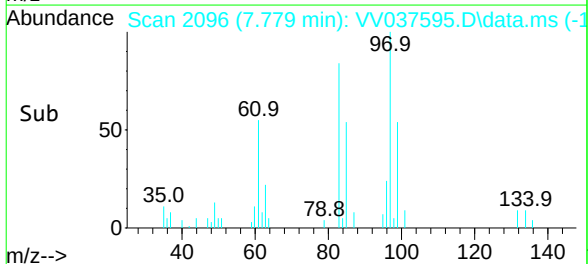
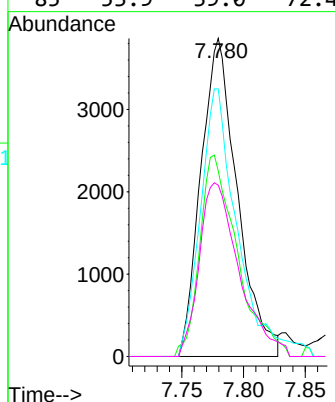


#45
 1,1,2-Trichloroethane
 Concen: 1.869 ug/L
 RT: 7.779 min Scan# 2096
 Delta R.T. 0.019 min
 Lab File: VV037595.D
 Acq: 27 Sep 2024 10:54

Instrument : MSVOA_V
 ClientSampleId : EY076

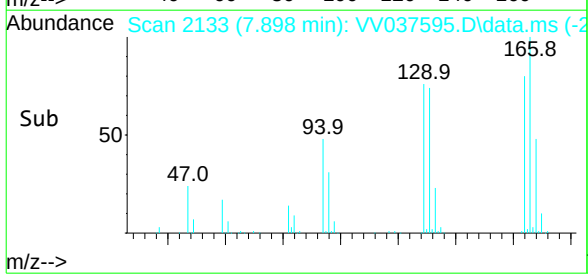
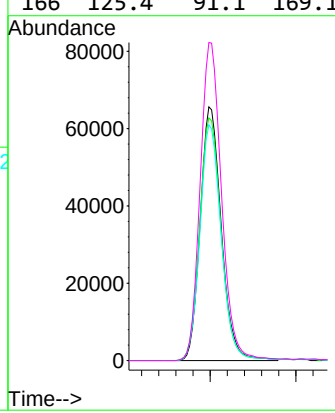
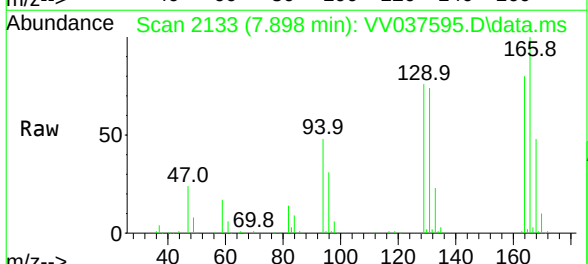


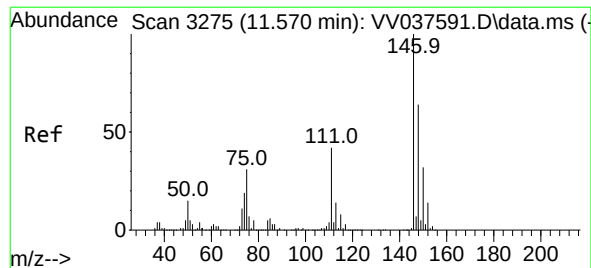
Tgt Ion:	97	Resp:	7931
Ion	Ratio	Lower	Upper
97	100		
99	58.4	44.1	81.9
83	84.1	59.3	110.1
85	53.9	39.0	72.4



#46
 Tetrachloroethene
 Concen: 32.206 ug/L
 RT: 7.898 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV037595.D
 Acq: 27 Sep 2024 10:54

Tgt Ion:	164	Resp:	112226
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.2	126.6
131	92.9	66.1	122.8
166	125.4	91.1	169.1





#67
 1,2-Dichlorobenzene
 Concen: 2.642 ug/L
 RT: 11.574 min Scan# 32
 Delta R.T. 0.003 min
 Lab File: VV037595.D
 Acq: 27 Sep 2024 10:54

Instrument :
 MSVOA_V
 ClientSampleId :
 EY076

Tgt Ion:	146	Resp:	22166
Ion	Ratio	Lower	Upper
146	100		
111	45.7	34.2	51.2
148	62.1	50.9	76.3

