

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037575.D
 Acq On : 27 Sep 2024 01:53
 Operator : SY/MD
 Sample : P4184-21
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY047

Quant Time: Sep 27 03:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

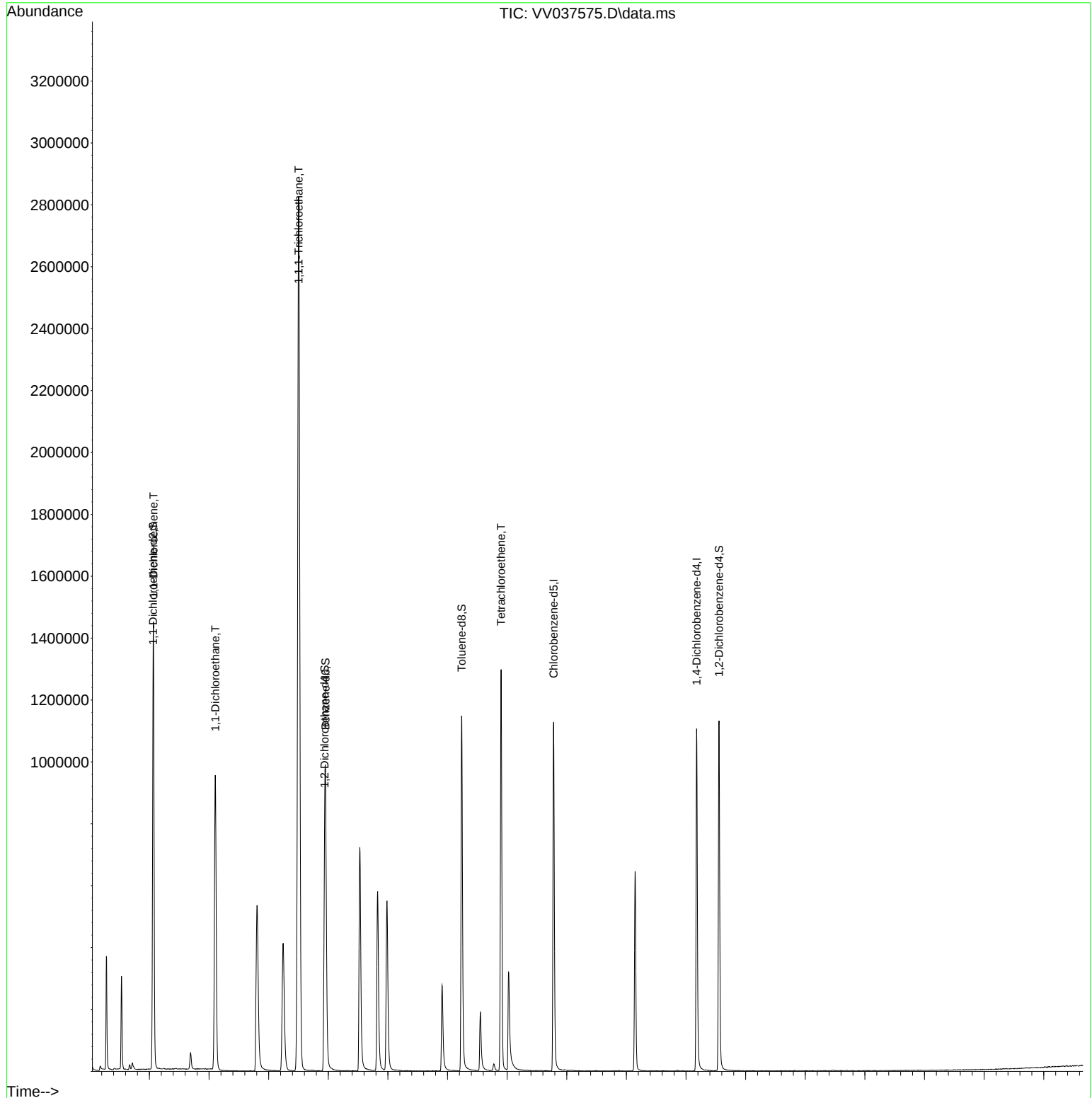
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	643527	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	622572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	293324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242040	42.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.700%
7) Chloroethane-d5	1.532	69	195685	44.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.260%
11) 1,1-Dichloroethene-d2	2.060	65	105950	44.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.780%
21) 2-Butanone-d5	3.793	46	173646	86.300	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.300%
24) Chloroform-d	4.243	84	439338	43.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
26) 1,2-Dichloroethane-d4	4.937	65	263452	44.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.560%
32) Benzene-d6	4.953	84	881940	45.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	5.985	67	280571	45.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.460%
41) Toluene-d8	7.236	98	780467	44.181	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	7.548	79	114277	39.655	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.320%
47) 2-Hexanone-d5	8.024	63	113178	86.400	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.400%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	319209	44.285	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.580%
66) 1,2-Dichlorobenzene-d4	11.554	152	296130	47.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.820%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.712	101	12736	1.659	ug/L	98
12) 1,1-Dichloroethene	2.069	96	317467	74.100	ug/L #	78
17) trans-1,2-Dichloroethene	2.693	96	18880	4.166	ug/L	94
19) 1,1-Dichloroethane	3.105	63	947639	109.126	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	262534	51.762	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	2361785	308.014	ug/L	100
34) Trichloroethene	5.828	95	206945	41.387	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	7802	1.676	ug/L	96
46) Tetrachloroethene	7.899	164	279341	73.067	ug/L	98

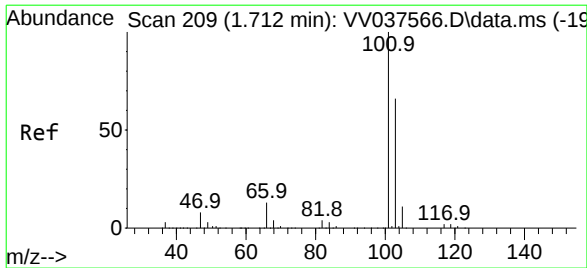
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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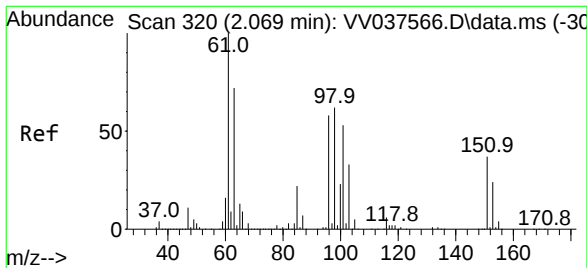
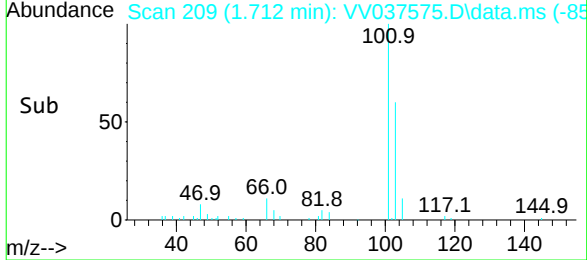
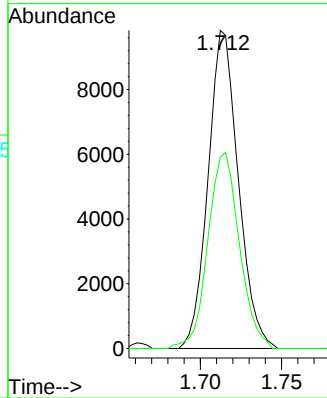
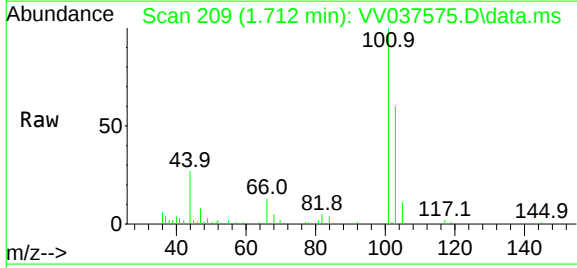




#9
 Trichlorofluoromethane
 Concen: 1.659 ug/L
 RT: 1.712 min Scan# 209
 Delta R.T. -0.000 min
 Lab File: VV037575.D
 Acq: 27 Sep 2024 01:53

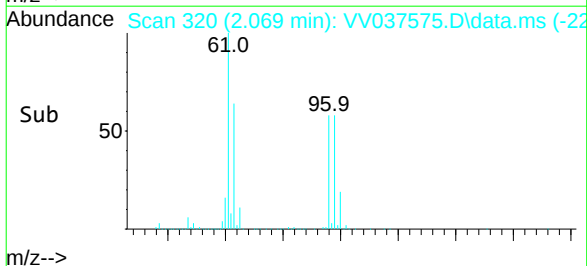
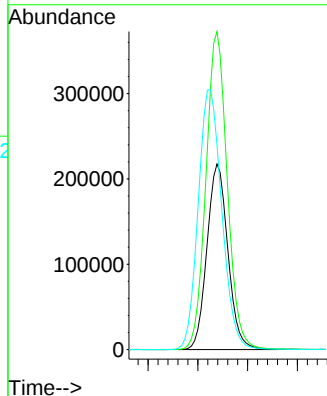
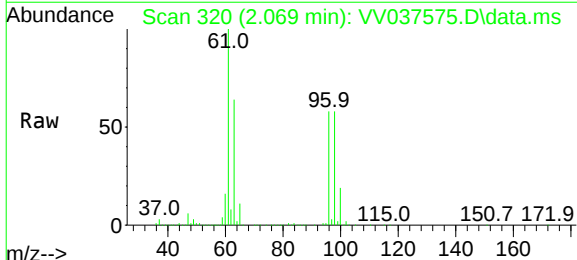
Instrument :
 MSVOA_V
 ClientSampleId :
 EY047

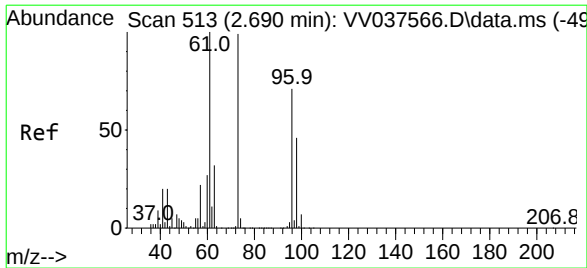
Tgt Ion: 101 Resp: 12736
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 74.100 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV037575.D
 Acq: 27 Sep 2024 01:53

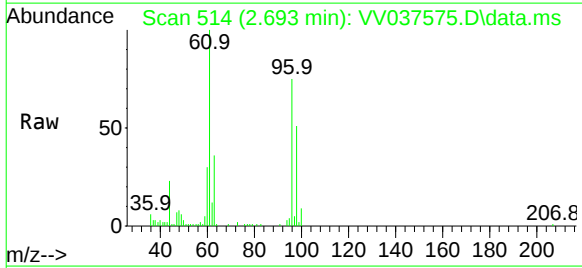
Tgt Ion: 96 Resp: 317467
 Ion Ratio Lower Upper
 96 100
 61 171.4 122.6 227.6
 63 110.4 118.0 219.2#



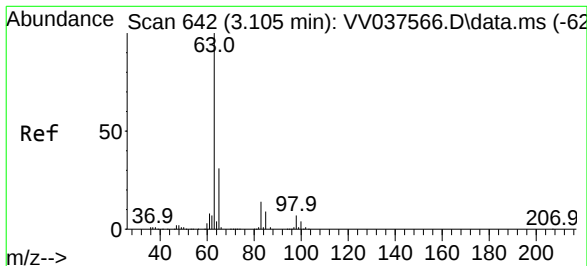
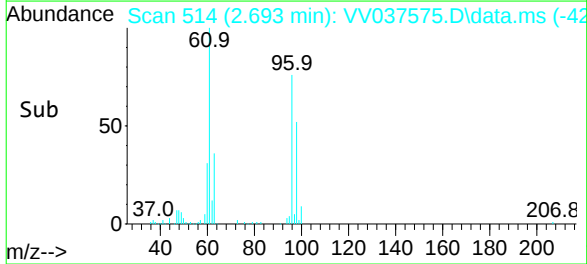
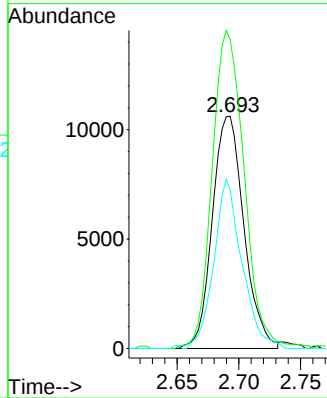


#17
trans-1,2-Dichloroethene
Concen: 4.166 ug/L
RT: 2.693 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV037575.D
Acq: 27 Sep 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :
EY047

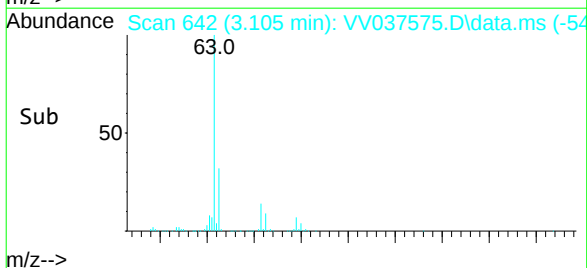
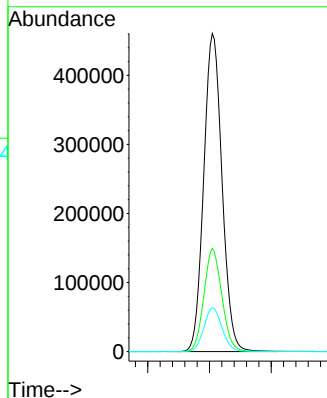
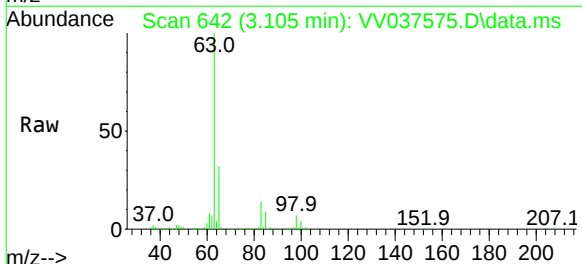


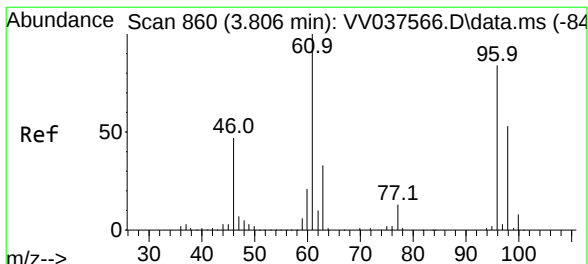
Tgt Ion: 96 Resp: 18880
Ion Ratio Lower Upper
96 100
61 133.0 97.3 180.7
98 68.3 43.9 81.5



#19
1,1-Dichloroethane
Concen: 109.126 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037575.D
Acq: 27 Sep 2024 01:53

Tgt Ion: 63 Resp: 947639
Ion Ratio Lower Upper
63 100
65 32.4 22.4 41.6
83 13.8 9.5 17.7

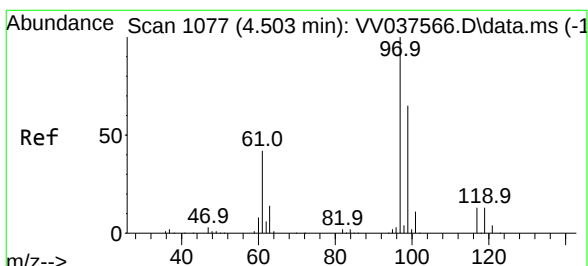
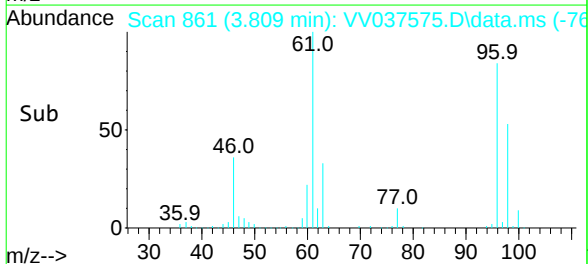
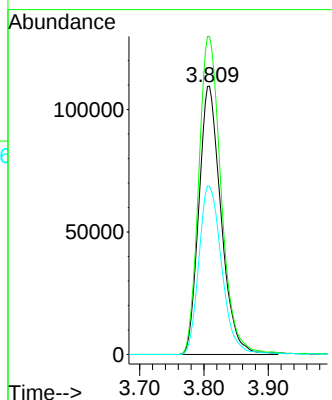
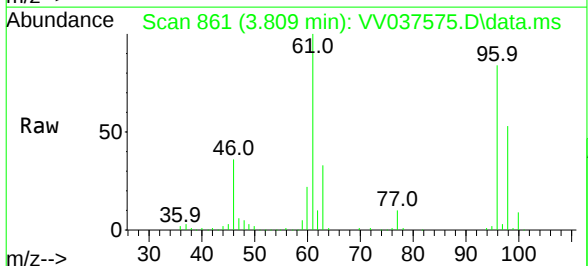




#20
 cis-1,2-Dichloroethene
 Concen: 51.762 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV037575.D
 Acq: 27 Sep 2024 01:53

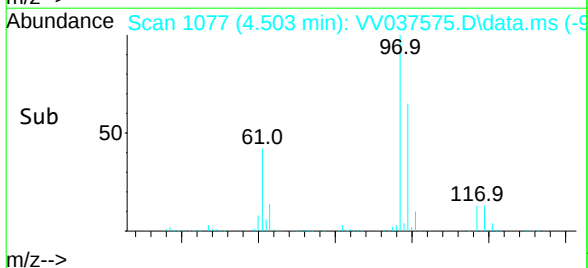
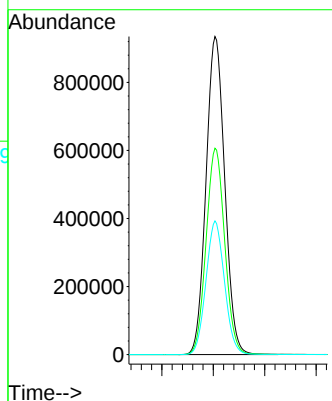
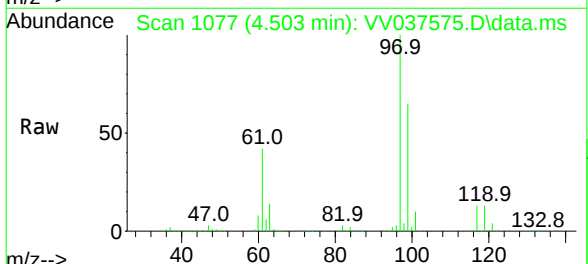
Instrument :
 MSVOA_V
 ClientSampleId :
 EY047

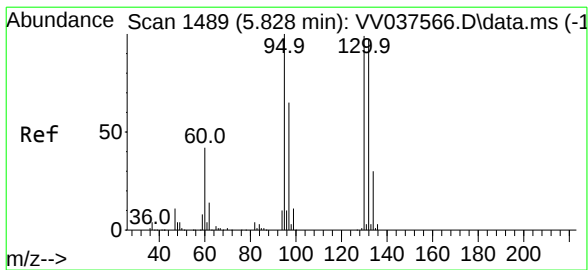
Tgt Ion:	96	Resp:	262534
Ion	Ratio	Lower	Upper
96	100		
61	118.5	85.0	157.8
98	62.6	44.2	82.0



#30
 1,1,1-Trichloroethane
 Concen: 308.014 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: VV037575.D
 Acq: 27 Sep 2024 01:53

Tgt Ion:	97	Resp:	2361785
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	41.7	33.6	50.4





#34

Trichloroethene

Concen: 41.387 ug/L

RT: 5.828 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV037575.D

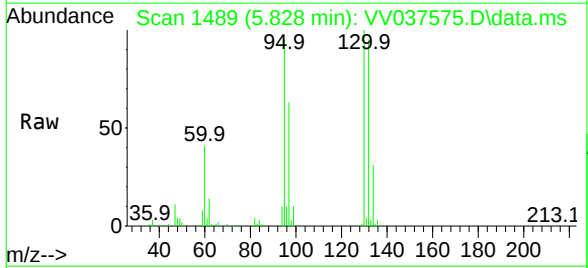
Acq: 27 Sep 2024 01:53

Instrument :

MSVOA_V

ClientSampleId :

EY047



Tgt Ion: 95 Resp: 206945

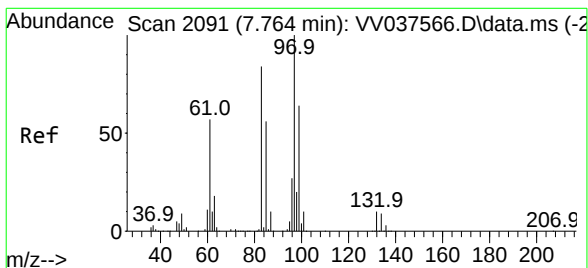
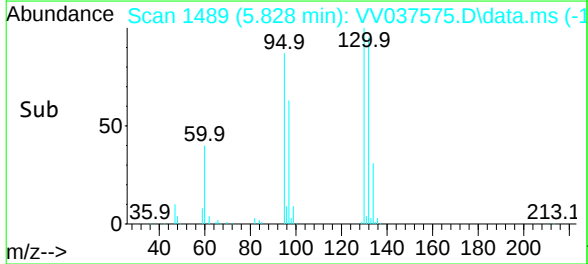
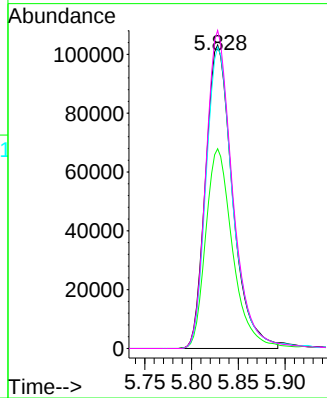
Ion Ratio Lower Upper

95 100

97 65.8 46.3 85.9

132 99.3 68.6 127.4

130 104.8 70.9 131.7



#45

1,1,2-Trichloroethane

Concen: 1.676 ug/L

RT: 7.776 min Scan# 2095

Delta R.T. 0.013 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Tgt Ion: 97 Resp: 7802

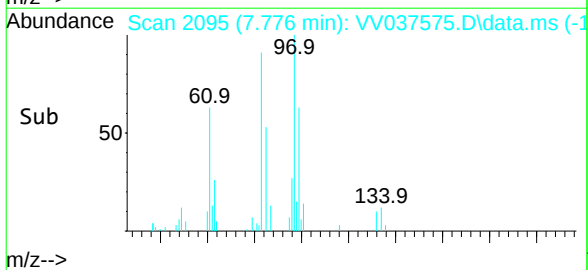
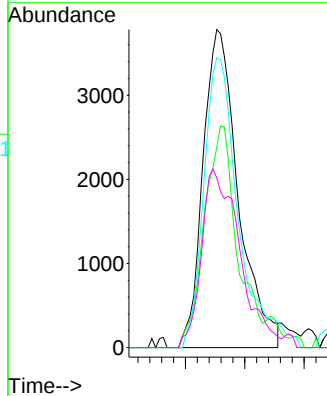
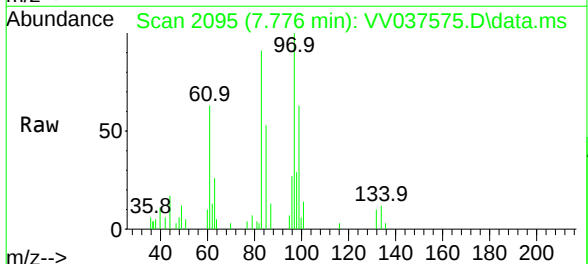
Ion Ratio Lower Upper

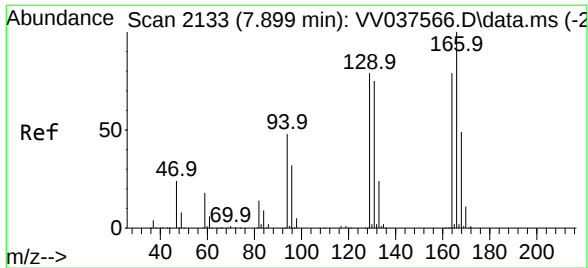
97 100

99 62.9 44.1 81.9

83 91.1 59.3 110.1

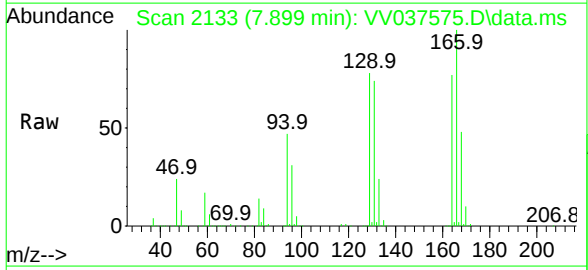
85 53.3 39.0 72.4





#46
Tetrachloroethene
Concen: 73.067 ug/L
RT: 7.899 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037575.D
Acq: 27 Sep 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	164	Resp:	279341
Ion	Ratio	Lower	Upper
164	100		
129	100.7	68.2	126.6
131	95.8	66.1	122.8
166	129.3	91.1	169.1

