

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037571.D
 Acq On : 27 Sep 2024 00:27
 Operator : SY/MD
 Sample : P4184-17
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY043

Quant Time: Sep 27 03:39:49 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)

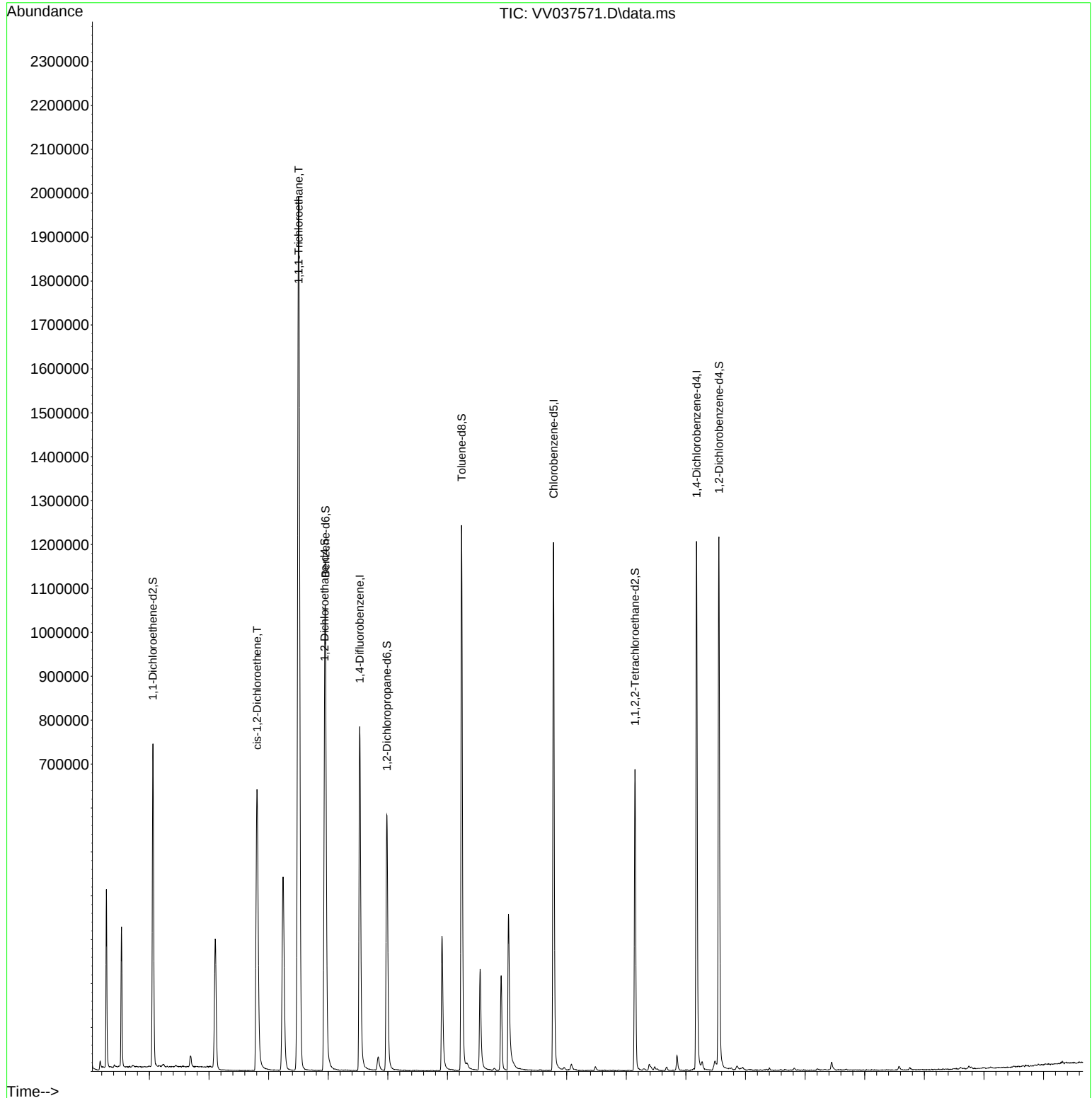
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	697917	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	661167	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	320137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	270514	44.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.300%
7) Chloroethane-d5	1.532	69	211557	44.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.980%
11) 1,1-Dichloroethene-d2	2.060	65	114548	44.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.500%
21) 2-Butanone-d5	3.793	46	199061	91.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	4.243	84	474391	43.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.040%
26) 1,2-Dichloroethane-d4	4.937	65	285044	44.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.360%
32) Benzene-d6	4.953	84	949880	45.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
36) 1,2-Dichloropropane-d6	5.982	67	297396	45.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.280%
41) Toluene-d8	7.236	98	840144	44.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
43) trans-1,3-Dichloroprop...	7.548	79	127113	41.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.060%
47) 2-Hexanone-d5	8.024	63	124461	89.468	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.470%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	336467	43.955	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.900%
66) 1,2-Dichlorobenzene-d4	11.554	152	319961	47.430	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.069	96	35020	7.537	ug/L	# 1
17) trans-1,2-Dichloroethene	2.690	96	9265	1.885	ug/L	91
19) 1,1-Dichloroethane	3.105	63	292386	31.046	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	324517	58.996	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1676608	205.892	ug/L	99
34) Trichloroethene	5.841	95	10544	1.986	ug/L	97
46) Tetrachloroethene	7.902	164	47724	11.754	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	21519	1.314	ug/L	98

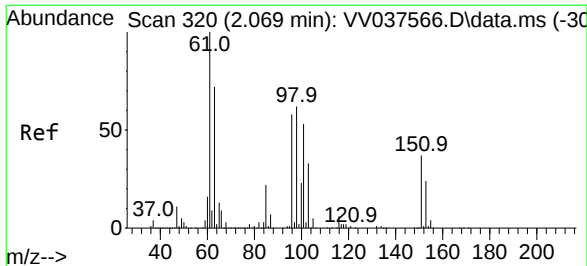
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.537 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037571.D

Acq: 27 Sep 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

EY043

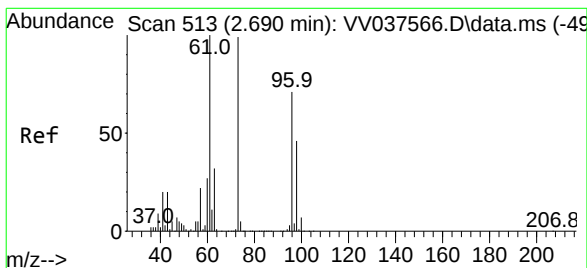
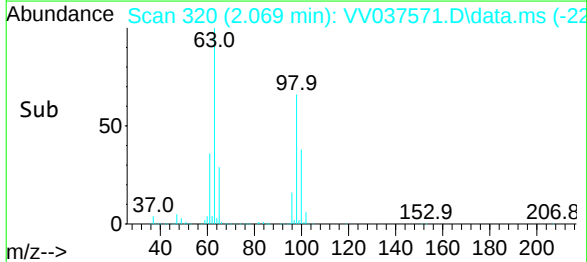
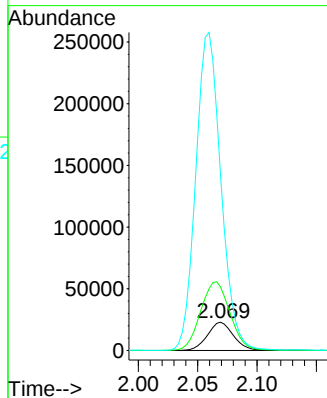
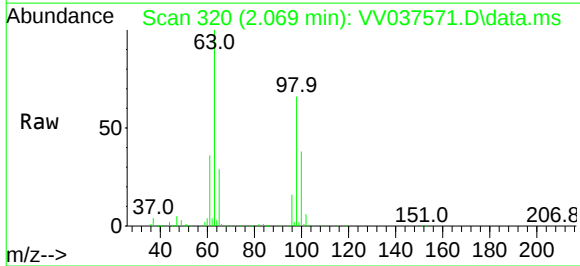
Tgt Ion: 96 Resp: 35020

Ion Ratio Lower Upper

96 100

61 224.5 122.6 227.6

63 618.8 118.0 219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.885 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV037571.D

Acq: 27 Sep 2024 00:27

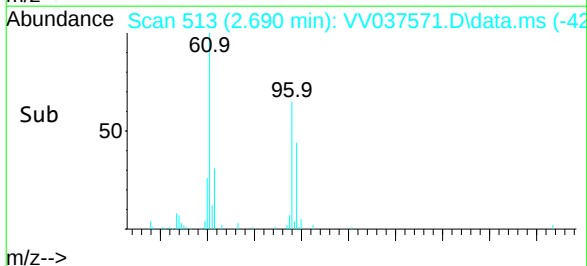
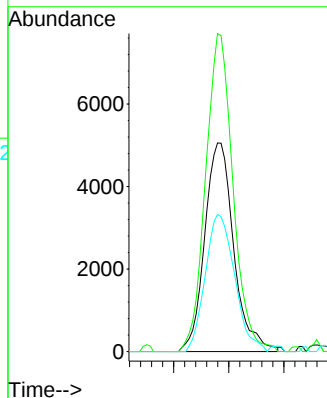
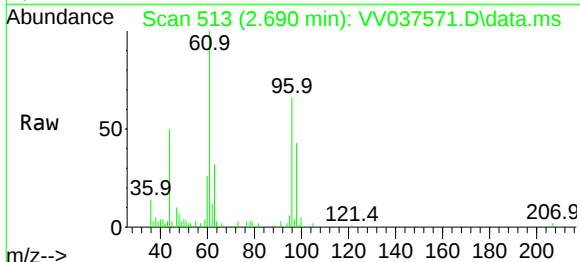
Tgt Ion: 96 Resp: 9265

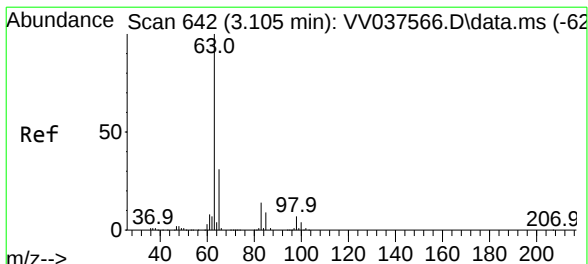
Ion Ratio Lower Upper

96 100

61 152.4 97.3 180.7

98 65.8 43.9 81.5

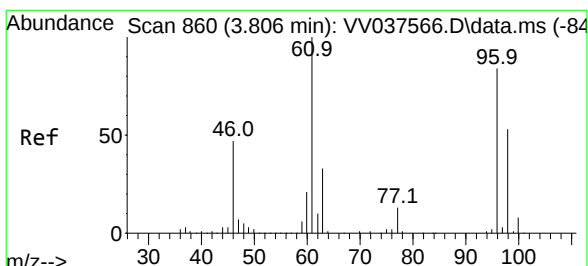
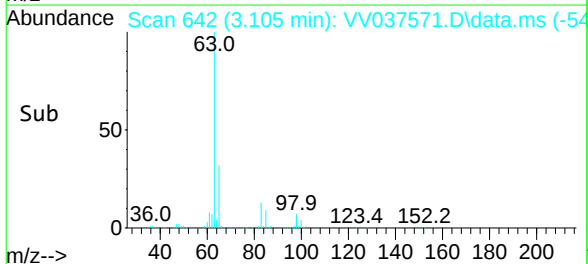
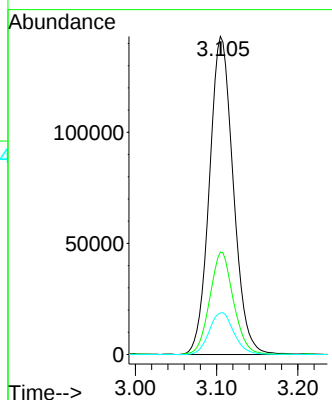
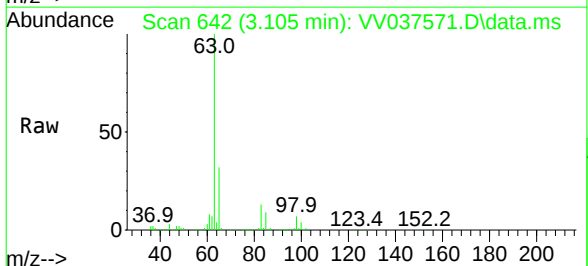




#19
 1,1-Dichloroethane
 Concen: 31.046 ug/L
 RT: 3.105 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV037571.D
 Acq: 27 Sep 2024 00:27

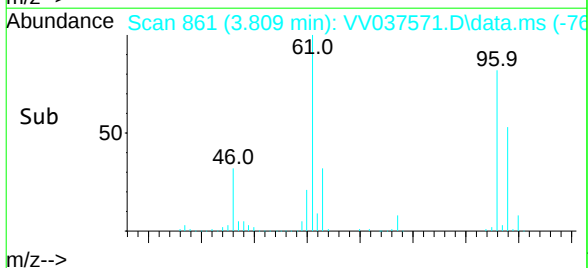
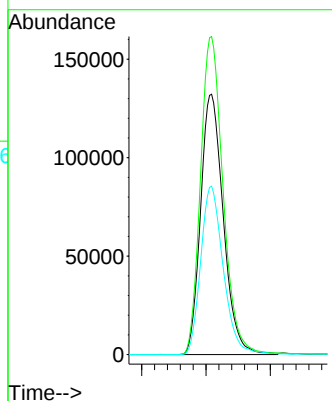
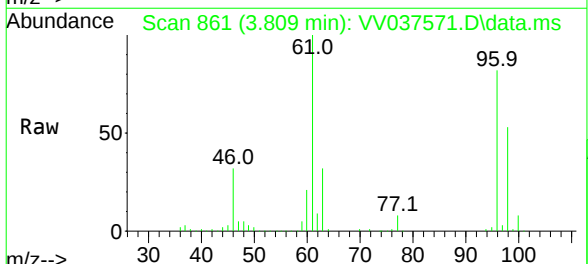
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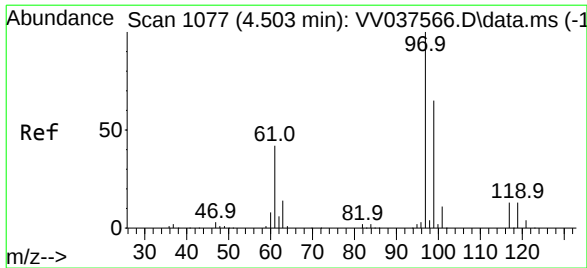
Tgt Ion:	63	Resp:	292386
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.4	41.6
83	13.1	9.5	17.7



#20
 cis-1,2-Dichloroethene
 Concen: 58.996 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV037571.D
 Acq: 27 Sep 2024 00:27

Tgt Ion:	96	Resp:	324517
Ion	Ratio	Lower	Upper
96	100		
61	122.2	85.0	157.8
98	64.7	44.2	82.0

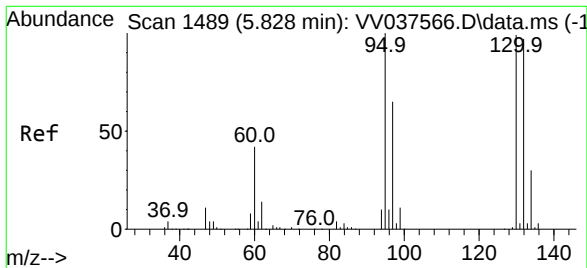
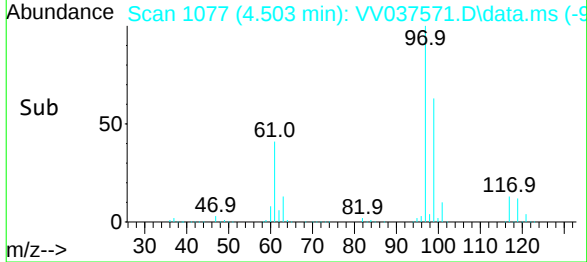
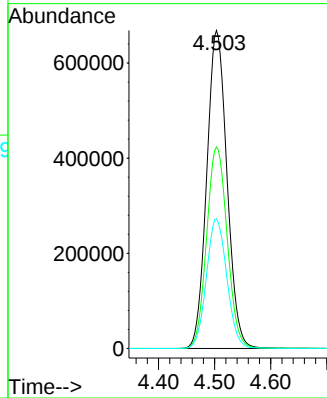
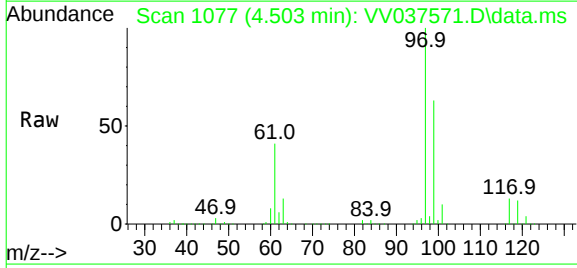




#30
1,1,1-Trichloroethane
Concen: 205.892 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

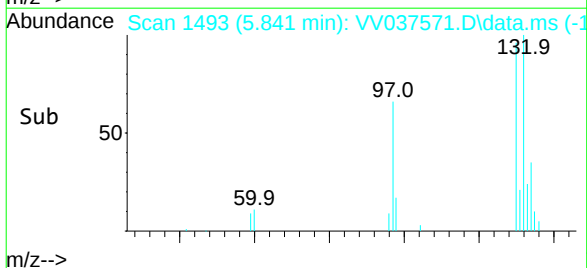
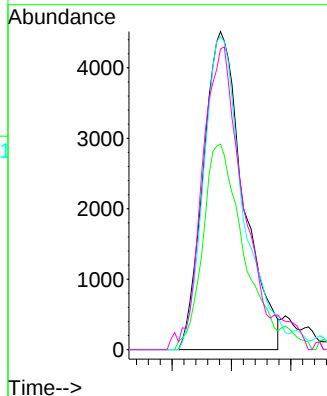
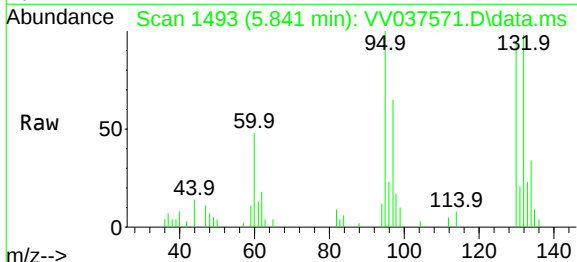
Instrument :
MSVOA_V
ClientSampleId :
EY043

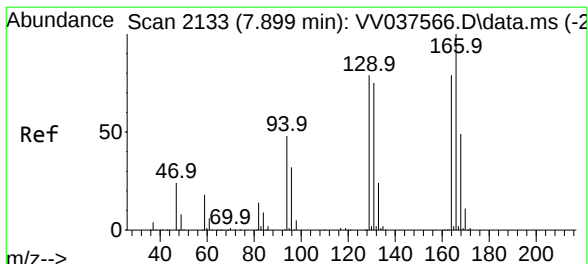
Tgt Ion: 97 Resp: 1676608
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 41.2 33.6 50.4



#34
Trichloroethene
Concen: 1.986 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

Tgt Ion: 95 Resp: 10544
Ion Ratio Lower Upper
95 100
97 64.6 46.3 85.9
132 98.4 68.6 127.4
130 94.6 70.9 131.7



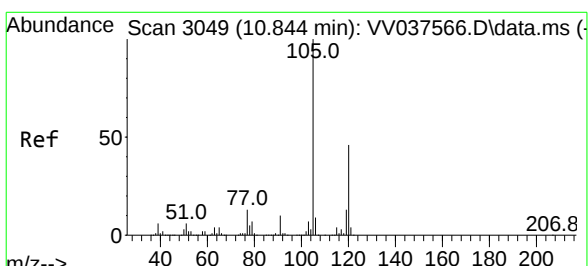
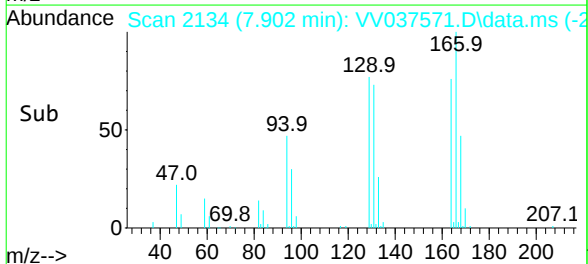
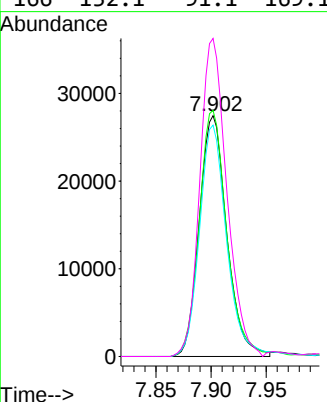
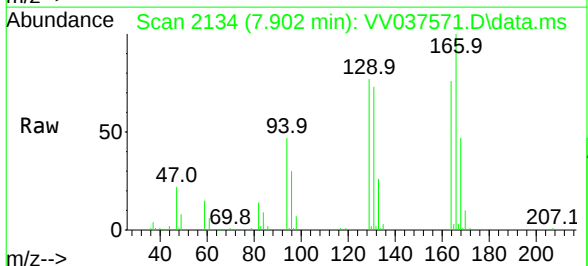


#46
 Tetrachloroethene
 Concen: 11.754 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037571.D
 Acq: 27 Sep 2024 00:27

Instrument :
 MSVOA_V
 ClientSampleId :
 EY043

Tgt Ion:164 Resp: 47724

Ion	Ratio	Lower	Upper
164	100		
129	102.2	68.2	126.6
131	96.1	66.1	122.8
166	132.1	91.1	169.1



#63
 1,2,4-Trimethylbenzene
 Concen: 1.314 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.006 min
 Lab File: VV037571.D
 Acq: 27 Sep 2024 00:27

Tgt Ion:105 Resp: 21519

Ion	Ratio	Lower	Upper
105	100		
120	43.8	36.2	54.2

