

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037563.D
 Acq On : 26 Sep 2024 20:48
 Operator : SY/MD
 Sample : P4184-11
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY039

Quant Time: Sep 27 00:56:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

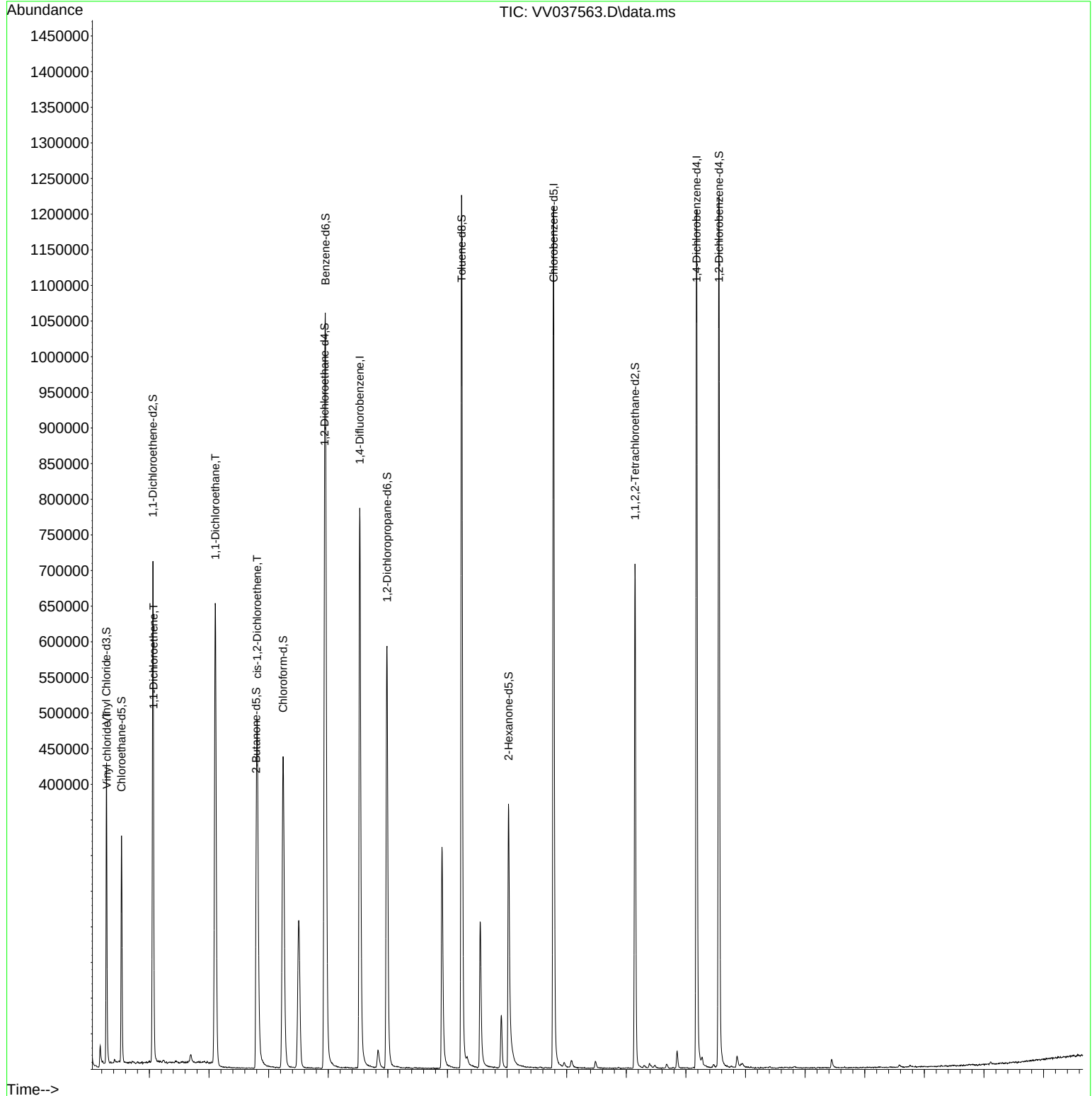
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	700927	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	667076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	317780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	271376	44.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.200%
7) Chloroethane-d5	1.532	69	208979	43.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.520%
11) 1,1-Dichloroethene-d2	2.059	65	115548	44.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.900%
21) 2-Butanone-d5	3.793	46	209096	95.408	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.410%
24) Chloroform-d	4.243	84	468977	42.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	4.937	65	286131	44.655	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.320%
32) Benzene-d6	4.953	84	945962	45.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	5.985	67	300626	45.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.460%
41) Toluene-d8	7.236	98	834474	44.087	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.180%
43) trans-1,3-Dichloroprop...	7.548	79	127871	41.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.820%
47) 2-Hexanone-d5	8.024	63	128754	91.734	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.730%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	344569	44.614	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.220%
66) 1,2-Dichlorobenzene-d4	11.554	152	313103	46.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
Target Compounds						
5) Vinyl chloride	1.285	62	15776	2.540	ug/L #	69
12) 1,1-Dichloroethene	2.069	96	13001	2.786	ug/L #	1
19) 1,1-Dichloroethane	3.104	63	643664	68.052	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	230405	41.707	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	177171	21.564	ug/L	99
34) Trichloroethene	5.844	95	8502	1.587	ug/L	87
46) Tetrachloroethene	7.905	164	16615	4.056	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	13523	0.832	ug/L	95

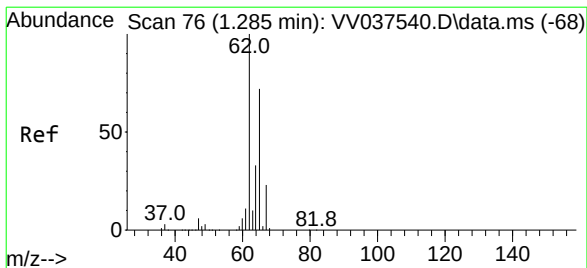
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.540 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV037563.D

Acq: 26 Sep 2024 20:48

Instrument :

MSVOA_V

ClientSampleId :

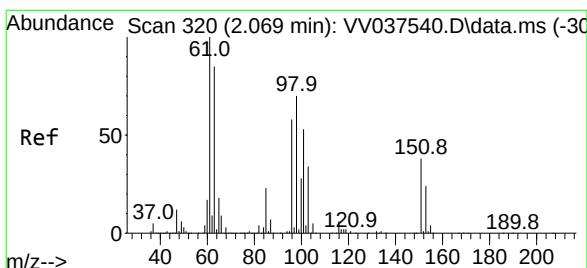
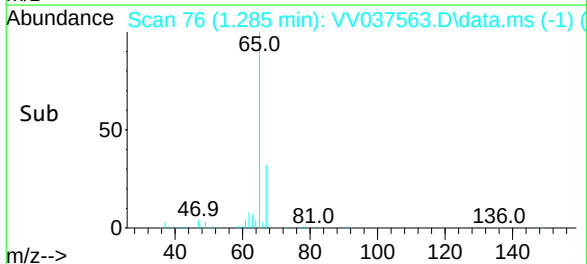
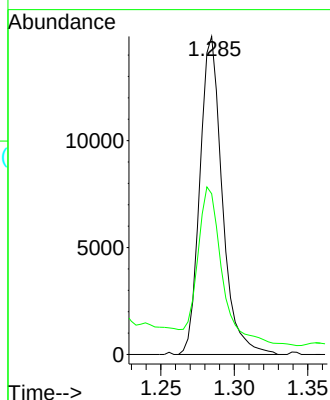
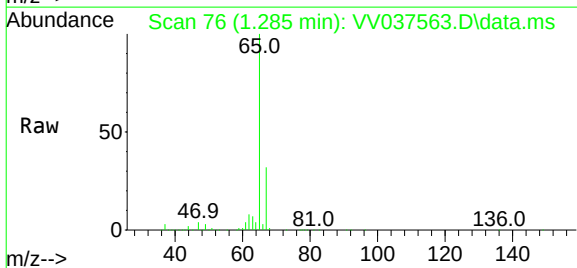
EY039

Tgt Ion: 62 Resp: 15776

Ion Ratio Lower Upper

62 100

64 50.5 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 2.786 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037563.D

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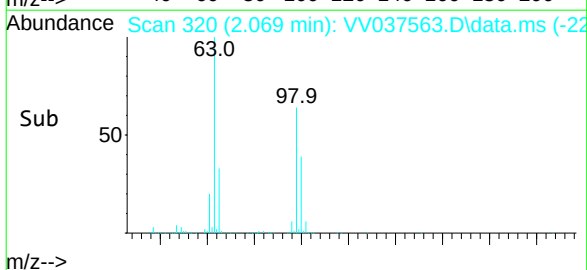
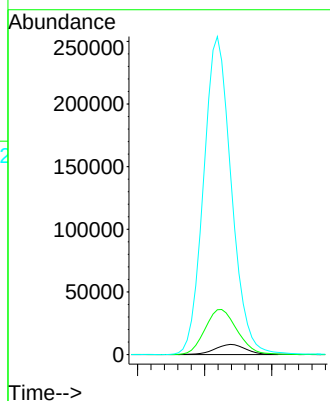
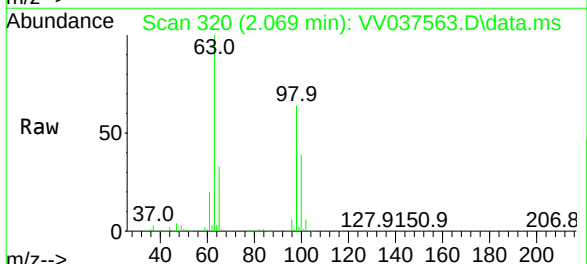
Tgt Ion: 96 Resp: 13001

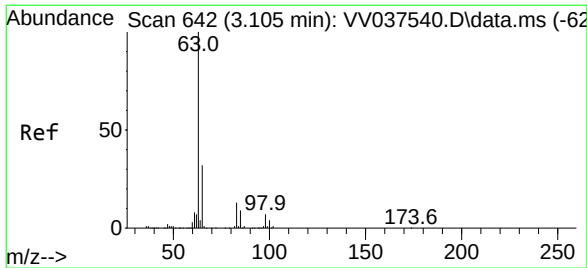
Ion Ratio Lower Upper

96 100

61 351.5 122.6 227.6#

63 1802.2 118.0 219.2#

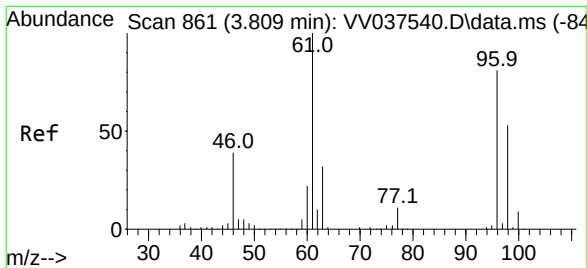
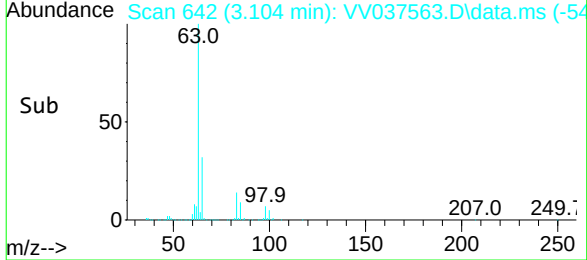
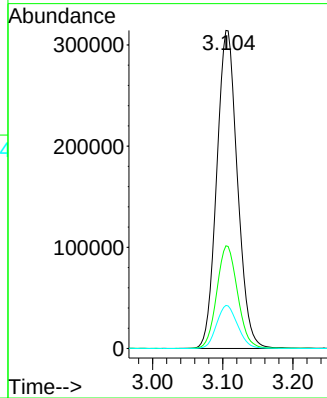
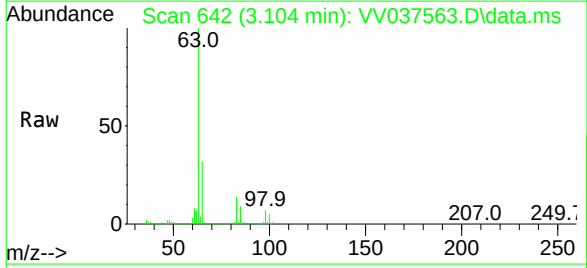




#19
1,1-Dichloroethane
Concen: 68.052 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037563.D
Acq: 26 Sep 2024 20:48

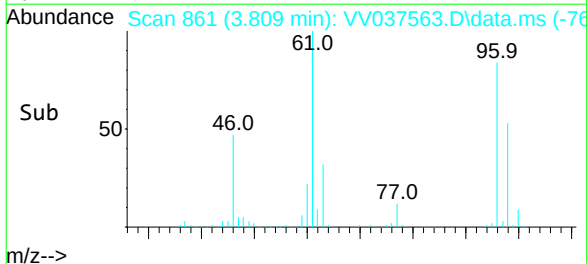
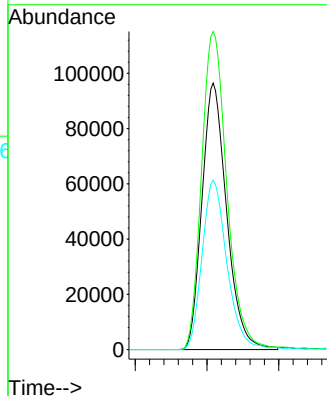
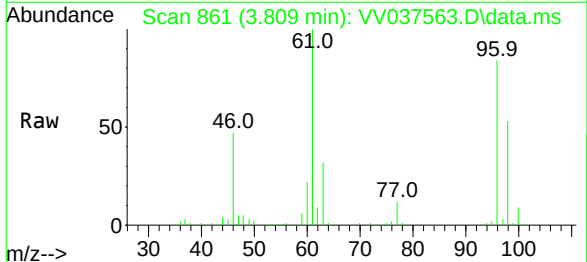
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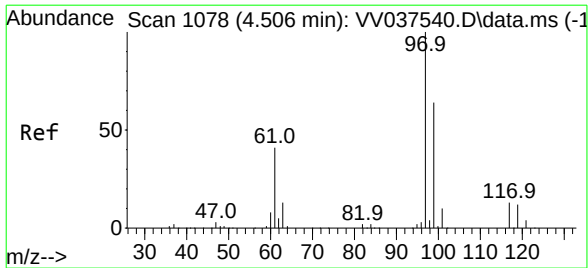
Tgt Ion:	63	Resp:	643664
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.4	41.6
83	13.5	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 41.707 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037563.D
Acq: 26 Sep 2024 20:48

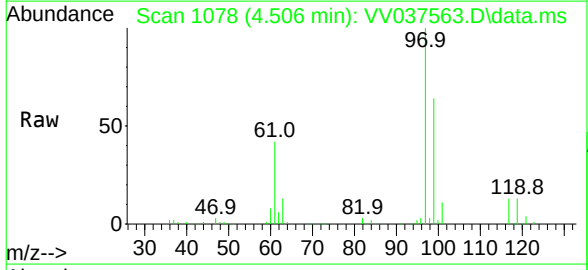
Tgt Ion:	96	Resp:	230405
Ion	Ratio	Lower	Upper
96	100		
61	119.4	85.0	157.8
98	63.6	44.2	82.0



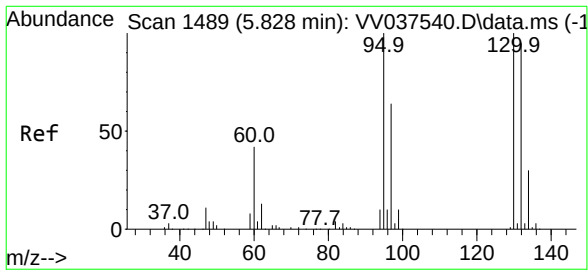
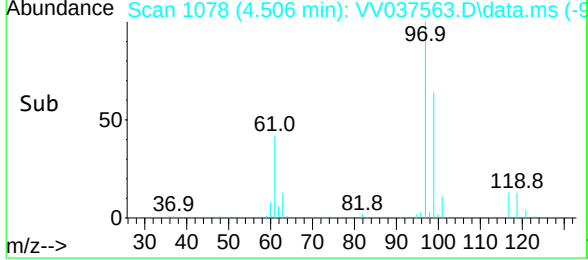
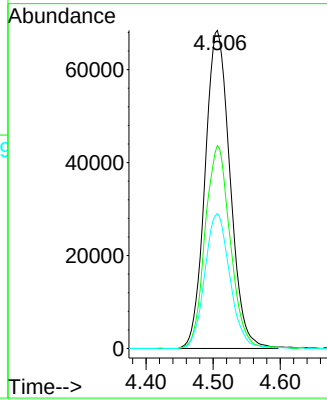


#30
 1,1,1-Trichloroethane
 Concen: 21.564 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. -0.000 min
 Lab File: VV037563.D
 Acq: 26 Sep 2024 20:48

Instrument :
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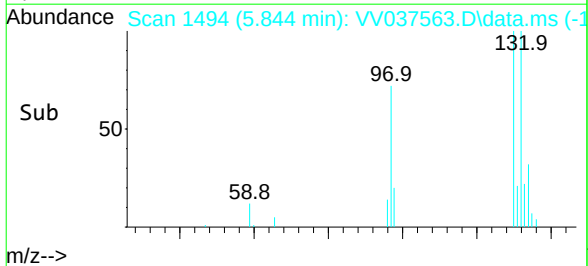
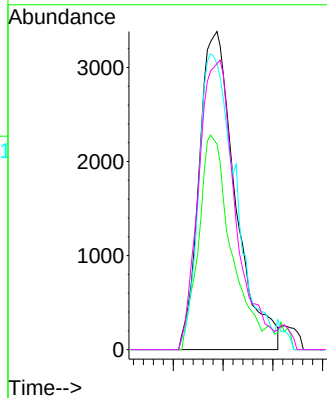
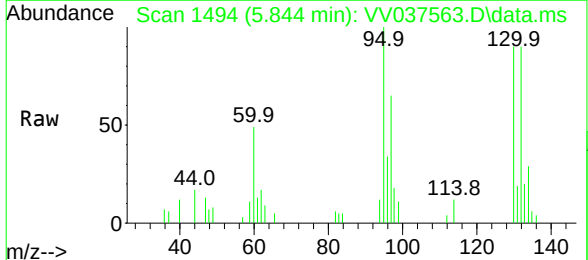


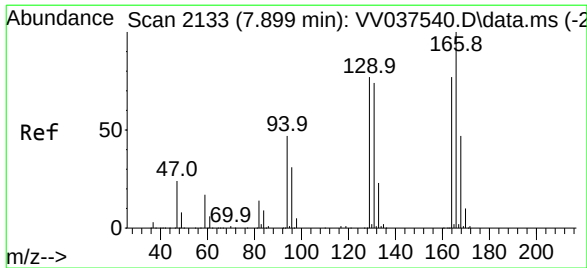
Tgt Ion:	97	Resp:	177171
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	42.7	33.6	50.4



#34
 Trichloroethene
 Concen: 1.587 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.016 min
 Lab File: VV037563.D
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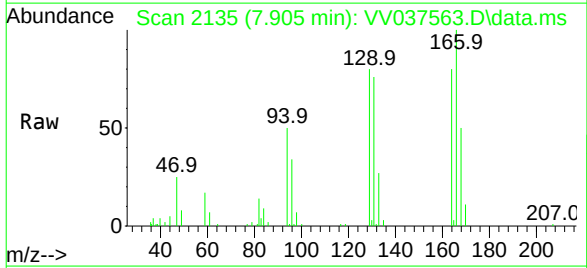
Tgt Ion:	95	Resp:	8502
Ion	Ratio	Lower	Upper
95	100		
97	83.0	46.3	85.9
132	89.8	68.6	127.4
130	89.9	70.9	131.7



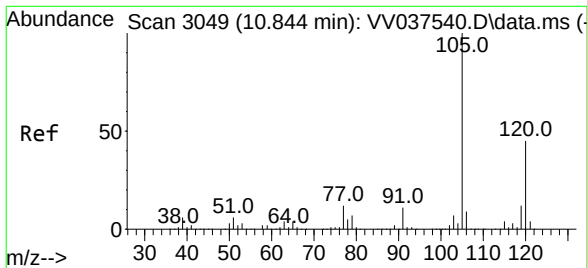
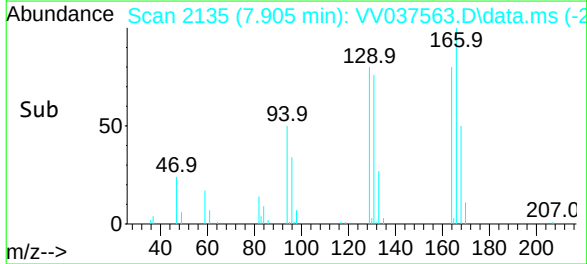
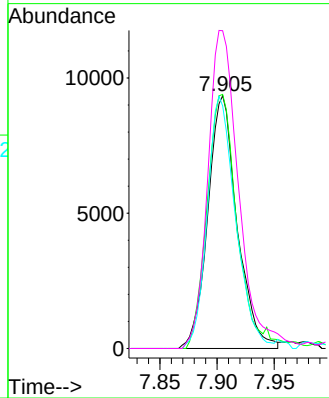


#46
Tetrachloroethene
Concen: 4.056 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV037563.D
Acq: 26 Sep 2024 20:48

Instrument :
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Tgt Ion:	164	Resp:	16615
Ion	Ratio	Lower	Upper
164	100		
129	100.5	68.2	126.6
131	96.0	66.1	122.8
166	125.7	91.1	169.1



#63
1,2,4-Trimethylbenzene
Concen: 0.832 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.009 min
Lab File: VV037563.D
Acq: 26 Sep 2024 20:48

Tgt Ion:	105	Resp:	13523
Ion	Ratio	Lower	Upper
105	100		
120	48.7	36.2	54.2

