

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037581.D
 Acq On : 27 Sep 2024 04:02
 Operator : SY/MD
 Sample : P4185-09
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY050

Quant Time: Sep 27 05:58:29 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)

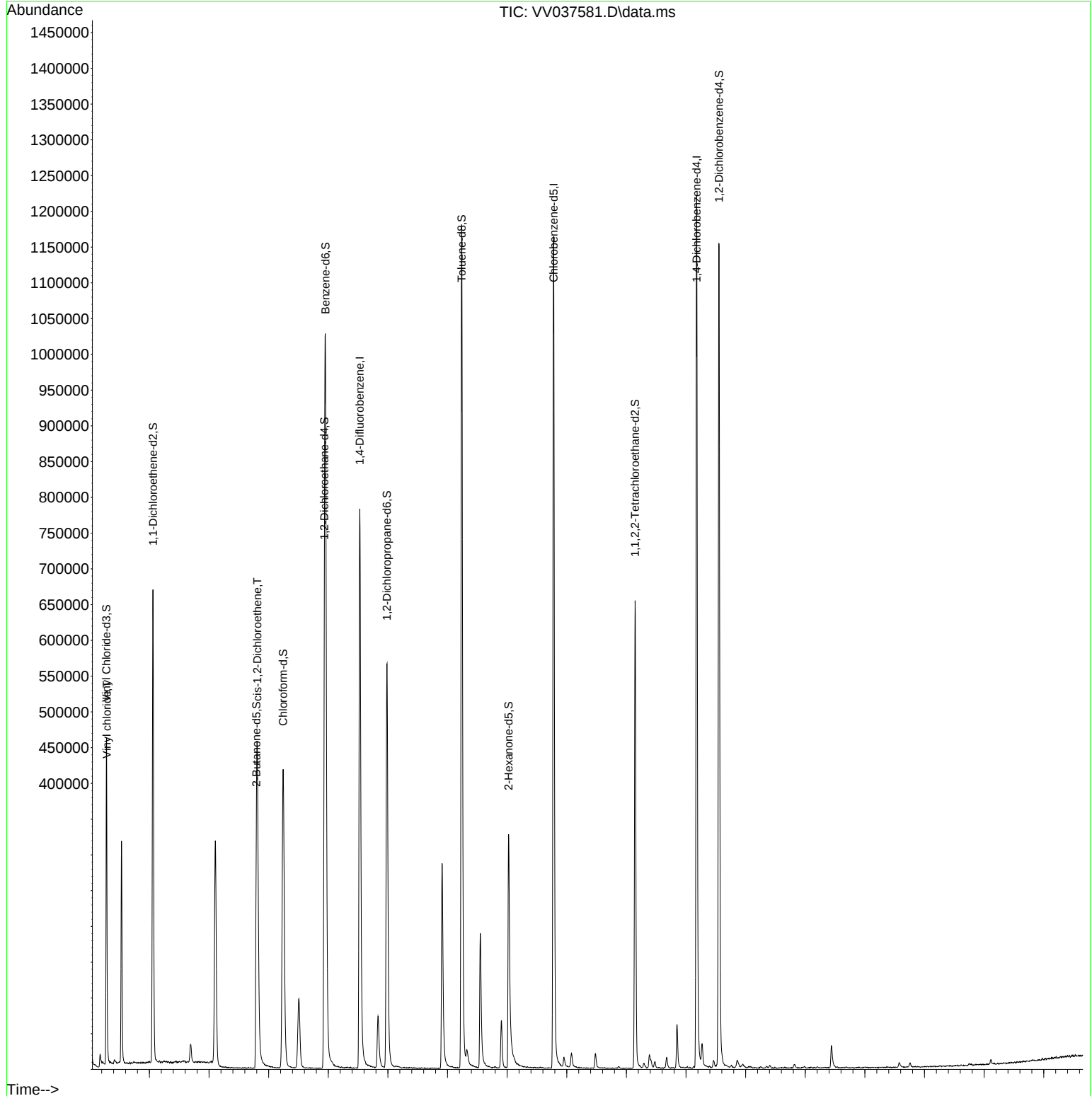
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	694764	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	658280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	313648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252757	41.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.880%		
7) Chloroethane-d5	1.532	69	200083	42.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.520%		
11) 1,1-Dichloroethene-d2	2.060	65	109404	42.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.880%		
21) 2-Butanone-d5	3.793	46	193378	89.019	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.020%		
24) Chloroform-d	4.243	84	457037	42.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.240%		
26) 1,2-Dichloroethane-d4	4.934	65	273153	43.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
32) Benzene-d6	4.953	84	919131	44.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.240%		
36) 1,2-Dichloropropane-d6	5.982	67	285899	43.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.180%		
41) Toluene-d8	7.236	98	811845	43.464	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.920%		
43) trans-1,3-Dichloroprop...	7.548	79	122144	40.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.180%		
47) 2-Hexanone-d5	8.024	63	115613	83.472	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.470%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	320627	42.069	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.140%		
66) 1,2-Dichlorobenzene-d4	11.554	152	303644	45.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.880%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	57515	9.343	ug/L	92
17) trans-1,2-Dichloroethene	2.690	96	9351	1.911	ug/L	96
19) 1,1-Dichloroethane	3.108	63	312316	33.313	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	215814	39.412	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	81857	10.096	ug/L	99
34) Trichloroethene	5.834	95	26820	5.073	ug/L	97
46) Tetrachloroethene	7.905	164	14609	3.614	ug/L	93
63) 1,2,4-Trimethylbenzene	10.850	105	35993	2.244	ug/L	97

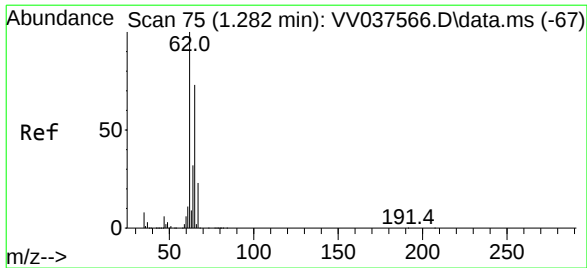
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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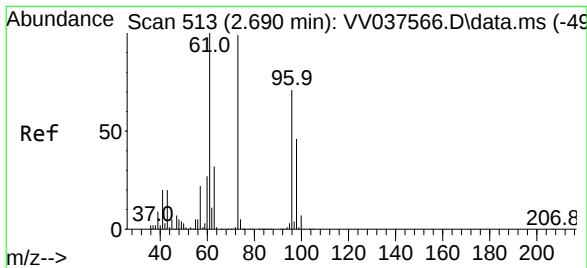
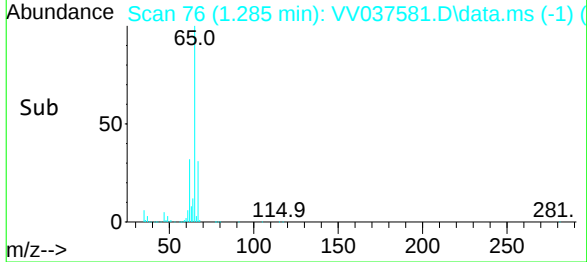
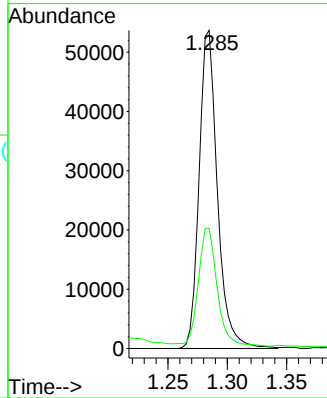
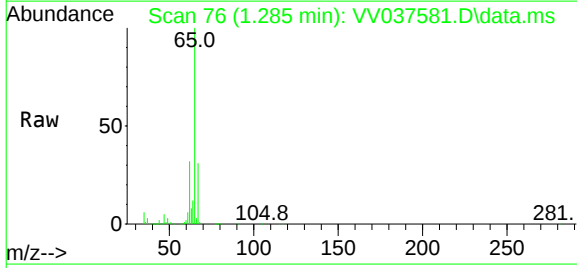




#5
 Vinyl chloride
 Concen: 9.343 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: VV037581.D
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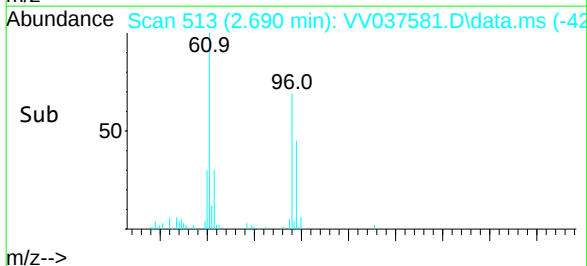
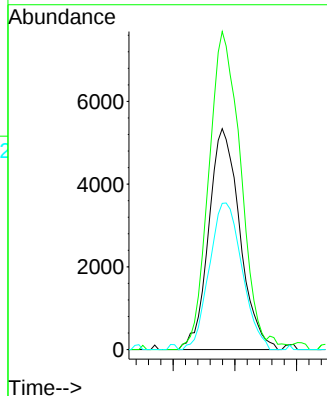
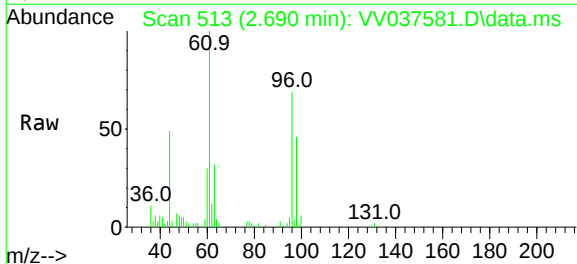
Instrument :
 MSVOA_V
 ClientSampleId :
 EY050

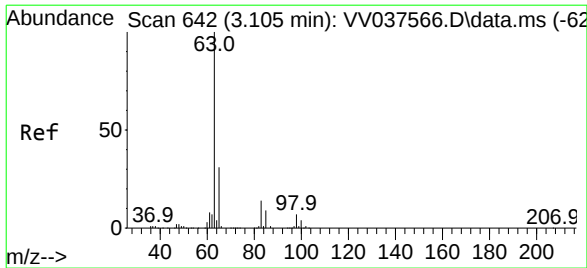
Tgt Ion: 62 Resp: 57515
 Ion Ratio Lower Upper
 62 100
 64 37.8 23.2 43.0



#17
 trans-1,2-Dichloroethene
 Concen: 1.911 ug/L
 RT: 2.690 min Scan# 513
 Delta R.T. -0.000 min
 Lab File: VV037581.D
 Acq: 27 Sep 2024 04:02

Tgt Ion: 96 Resp: 9351
 Ion Ratio Lower Upper
 96 100
 61 144.0 97.3 180.7
 98 66.2 43.9 81.5

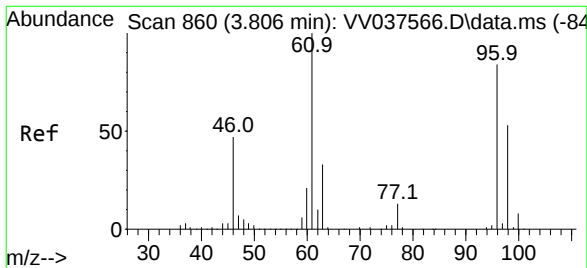
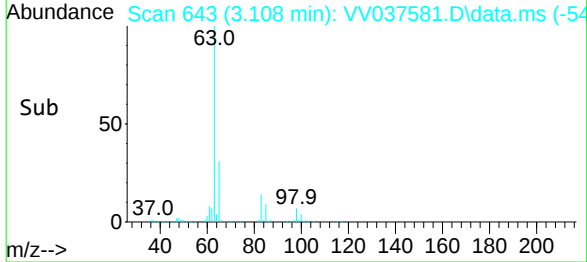
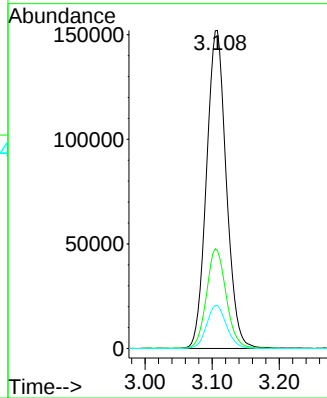
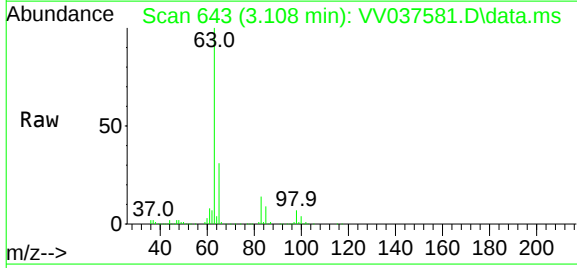




#19
1,1-Dichloroethane
Concen: 33.313 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

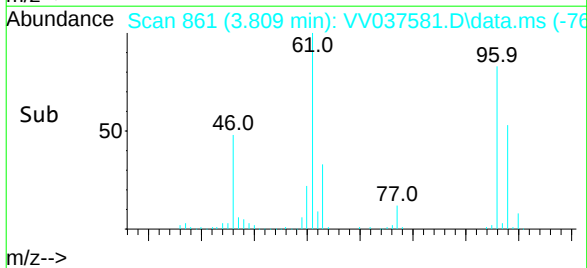
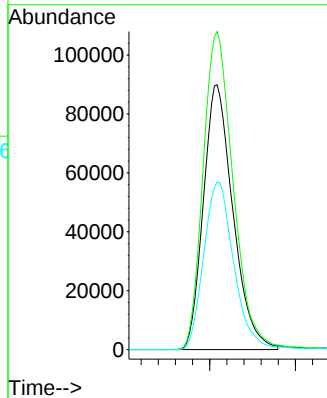
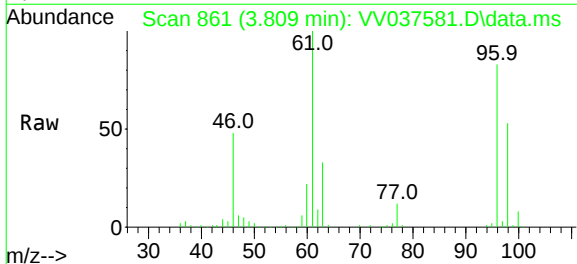
Instrument :
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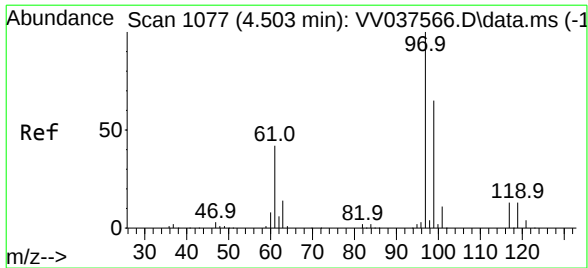
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.4	41.6
83	13.5	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 39.412 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	120.1	85.0	157.8
98	63.2	44.2	82.0

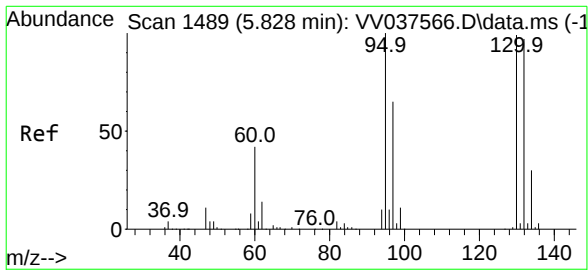
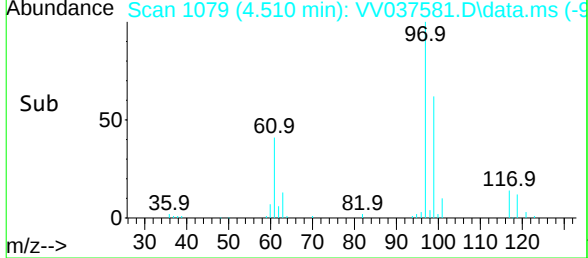
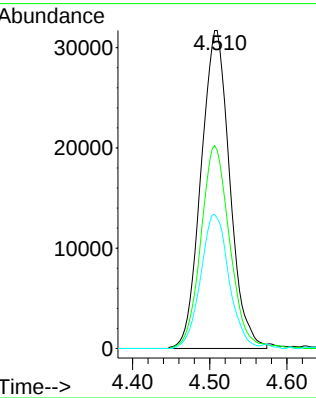
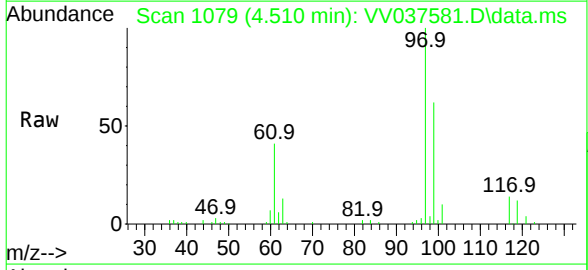




#30
1,1,1-Trichloroethane
Concen: 10.096 ug/L
RT: 4.510 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

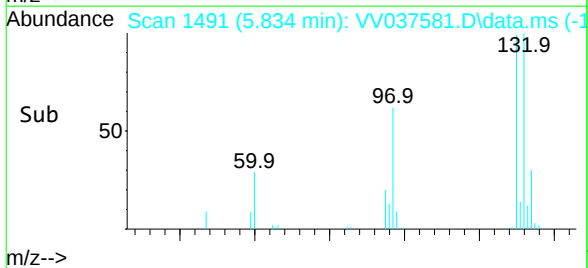
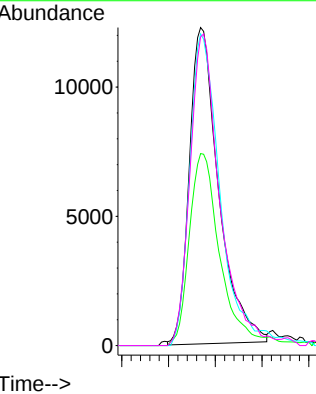
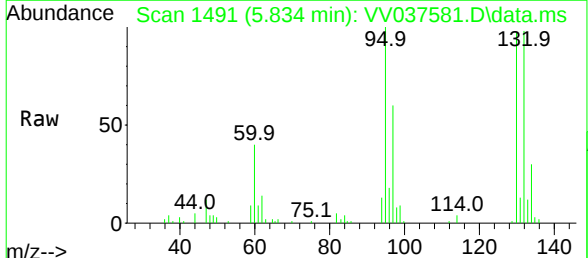
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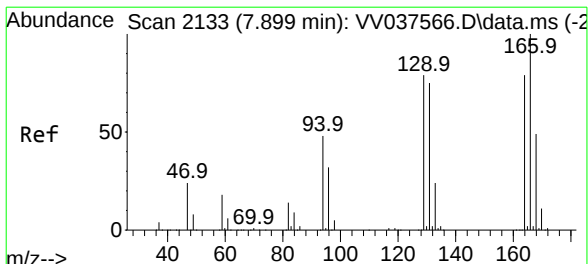
Tgt Ion:	97	Resp:	81857
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	41.6	33.6	50.4



#34
Trichloroethene
Concen: 5.073 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

Tgt Ion:	95	Resp:	26820
Ion	Ratio	Lower	Upper
95	100		
97	60.4	46.3	85.9
132	98.0	68.6	127.4
130	97.0	70.9	131.7

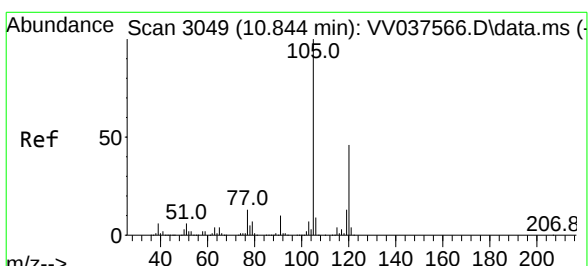
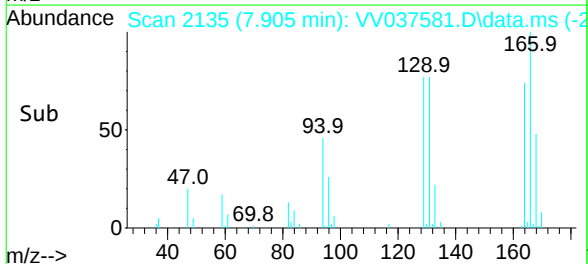
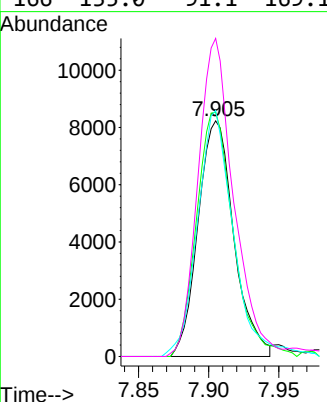
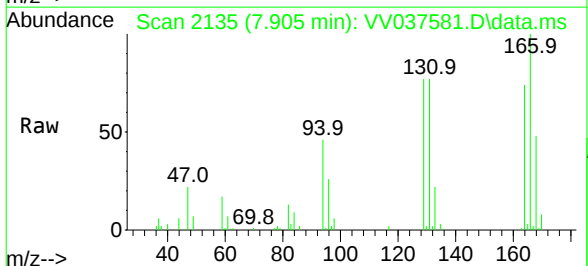




#46
 Tetrachloroethene
 Concen: 3.614 ug/L
 RT: 7.905 min Scan# 2135
 Delta R.T. 0.006 min
 Lab File: VV037581.D
 Acq: 27 Sep 2024 04:02

Instrument : MSVOA_V
 ClientSampleId : EY050

Tgt Ion:	164	Resp:	14609
Ion Ratio	Lower	Upper	
164	100		
129	103.7	68.2	126.6
131	104.4	66.1	122.8
166	135.0	91.1	169.1



#63
 1,2,4-Trimethylbenzene
 Concen: 2.244 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.006 min
 Lab File: VV037581.D
 Acq: 27 Sep 2024 04:02

Tgt Ion:	105	Resp:	35993
Ion Ratio	Lower	Upper	
105	100		
120	43.3	36.2	54.2

