

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037628.D
 Acq On : 27 Sep 2024 23:31
 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 28 04:21:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

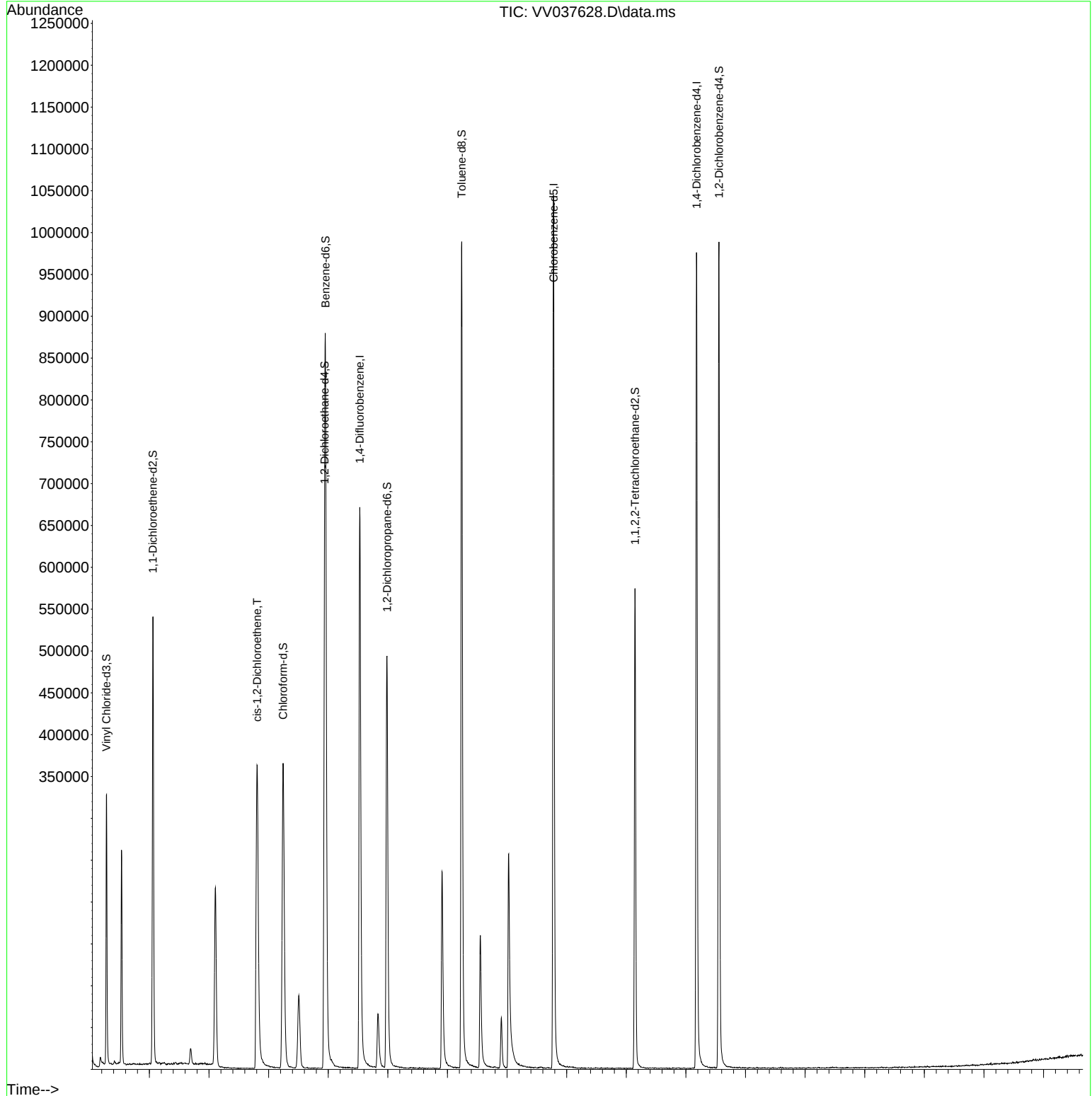
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	604402	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	581099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	262396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196525	37.040	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.080%		
7) Chloroethane-d5	1.532	69	167310	40.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.260%		
11) 1,1-Dichloroethene-d2	2.060	65	88899	40.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.200%		
21) 2-Butanone-d5	3.793	46	149664	79.196	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.200%		
24) Chloroform-d	4.243	84	391648	41.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.980%		
26) 1,2-Dichloroethane-d4	4.937	65	240055	43.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.900%		
32) Benzene-d6	4.953	84	773401	42.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.060%		
36) 1,2-Dichloropropane-d6	5.986	67	247724	42.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.560%		
41) Toluene-d8	7.239	98	666113	40.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.800%		
43) trans-1,3-Dichloroprop...	7.551	79	102330	38.044	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.080%		
47) 2-Hexanone-d5	8.024	63	87018	71.171	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.170%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	278045	41.328	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.660%		
66) 1,2-Dichlorobenzene-d4	11.554	152	256824	46.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.900%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	27187	5.077	ug/L	92
17) trans-1,2-Dichloroethene	2.693	96	6575	1.545	ug/L	93
19) 1,1-Dichloroethane	3.108	63	210928	25.862	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	172231	36.156	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	74371	10.391	ug/L	99
34) Trichloroethene	5.838	95	24808	5.315	ug/L	96
46) Tetrachloroethene	7.902	164	13793	3.865	ug/L	91

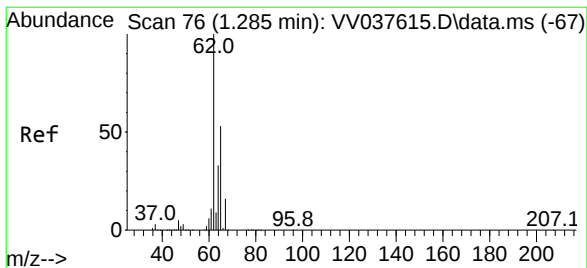
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.077 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

Instrument :

MSVOA_V

ClientSampleId :

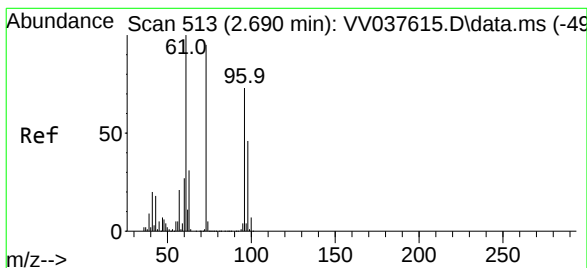
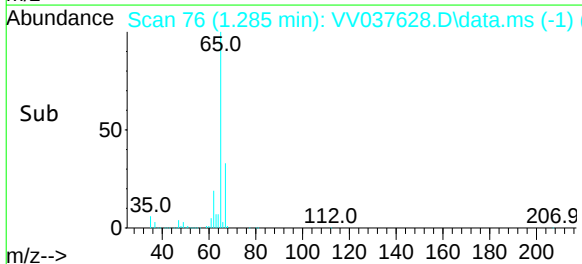
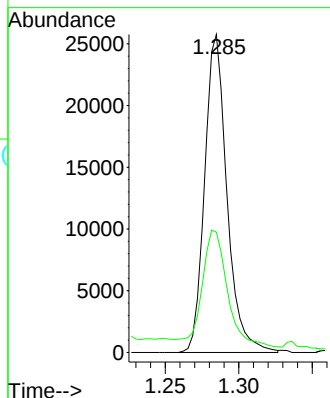
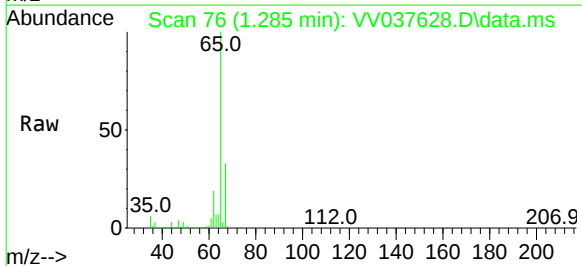
EY050

Tgt Ion: 62 Resp: 27187

Ion Ratio Lower Upper

62 100

64 37.8 23.2 43.0



#17

trans-1,2-Dichloroethene

Concen: 1.545 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

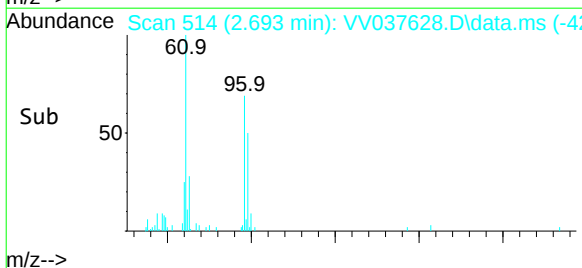
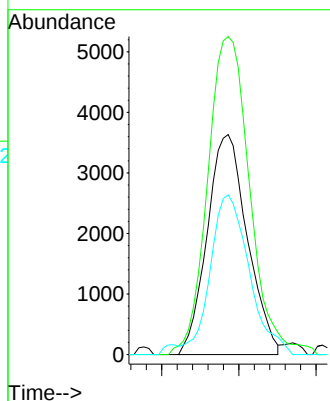
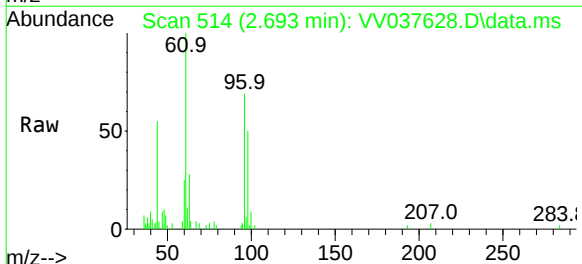
Tgt Ion: 96 Resp: 6575

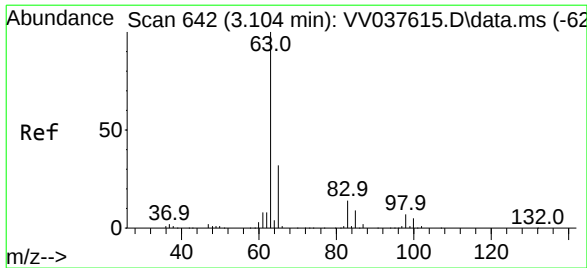
Ion Ratio Lower Upper

96 100

61 144.6 97.3 180.7

98 72.6 43.9 81.5

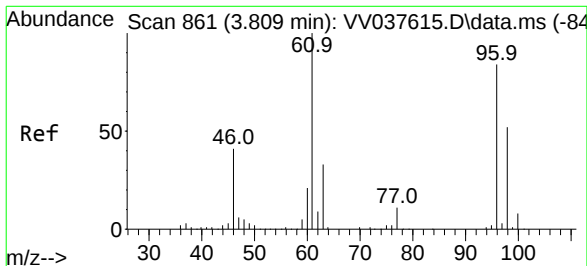
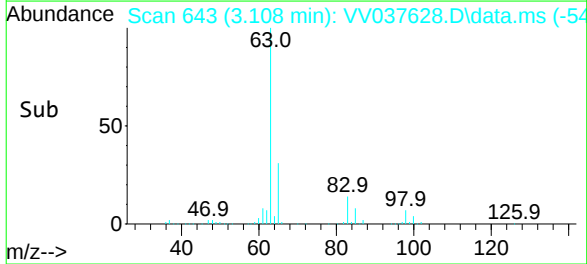
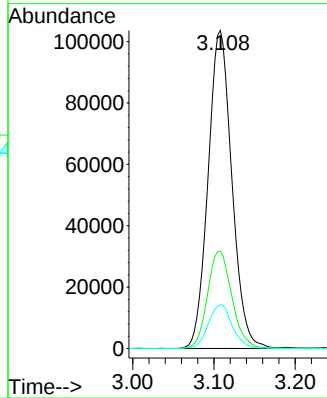
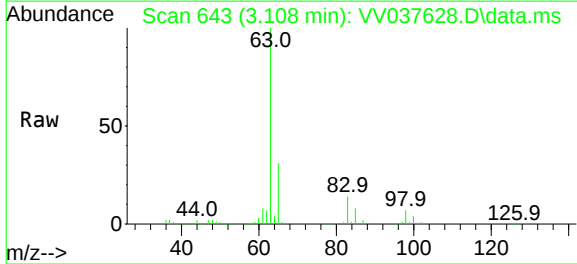




#19
1,1-Dichloroethane
Concen: 25.862 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

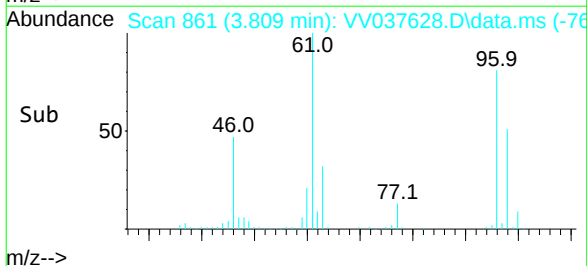
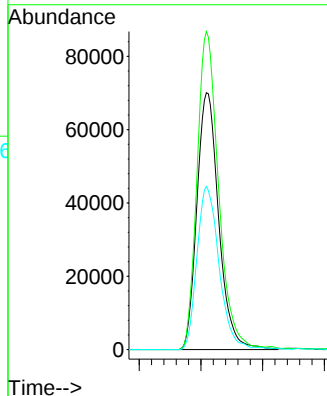
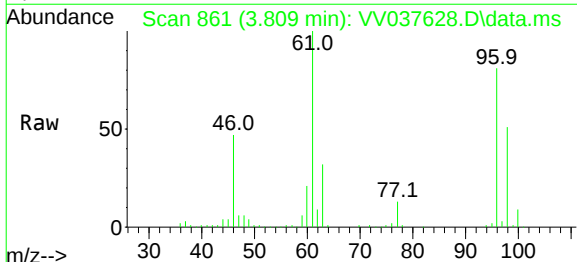
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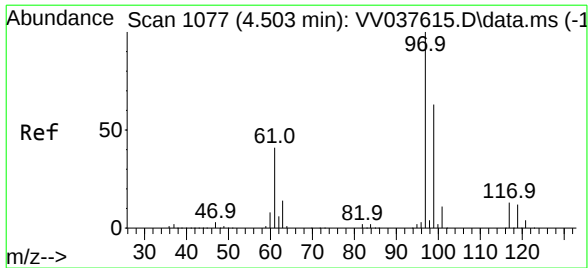
Tgt Ion:	63	Resp:	210928
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.4	41.6
83	13.7	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 36.156 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

Tgt Ion:	96	Resp:	172231
Ion	Ratio	Lower	Upper
96	100		
61	123.8	85.0	157.8
98	63.5	44.2	82.0

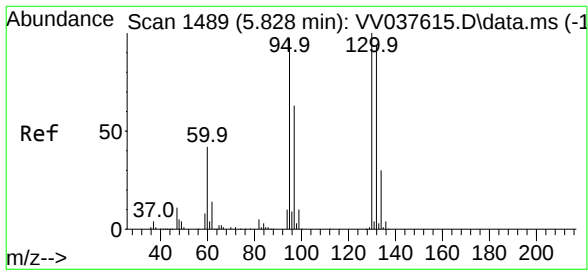
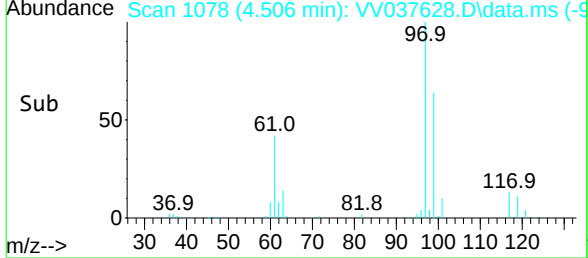
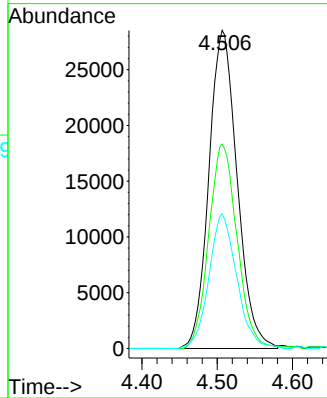
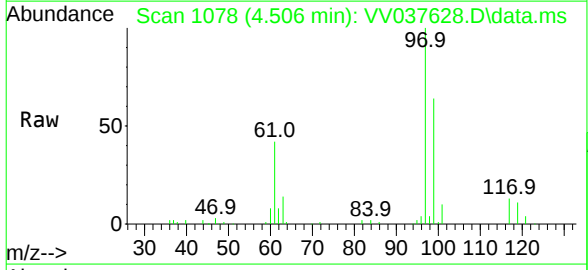




#30
1,1,1-Trichloroethane
Concen: 10.391 ug/L
RT: 4.506 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

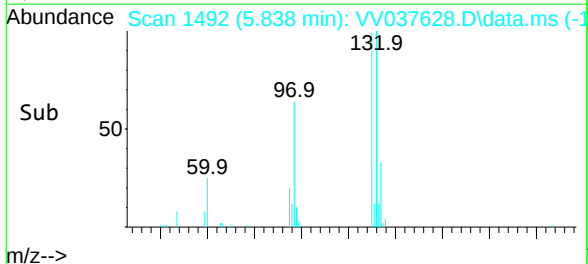
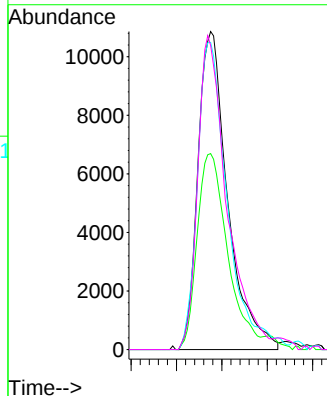
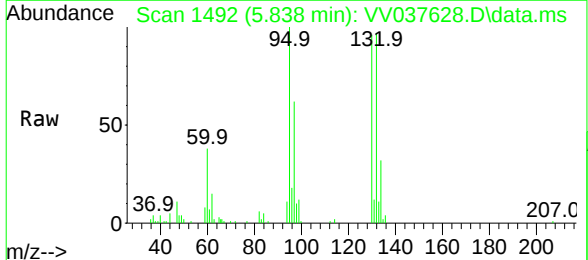
Instrument :
MSVOA_V
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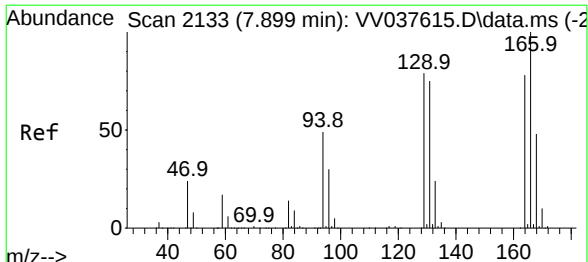
Tgt Ion:	97	Resp:	74371
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	41.7	33.6	50.4



#34
Trichloroethene
Concen: 5.315 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

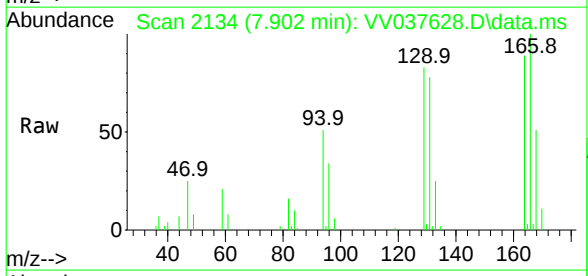
Tgt Ion:	95	Resp:	24808
Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.3	85.9
132	96.6	68.6	127.4
130	95.6	70.9	131.7





#46
 Tetrachloroethene
 Concen: 3.865 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037628.D
 Acq: 27 Sep 2024 23:31

Instrument :
 MSVOA_V
 ClientSampleId :
 EY050



Tgt Ion:	164	Resp:	13793
Ion	Ratio	Lower	Upper
164	100		
129	93.3	68.2	126.6
131	87.7	66.1	122.8
166	112.3	91.1	169.1

