

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037573.D
 Acq On : 27 Sep 2024 01:10
 Operator : SY/MD
 Sample : P4184-19
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY045

Quant Time: Sep 27 03:40:24 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)

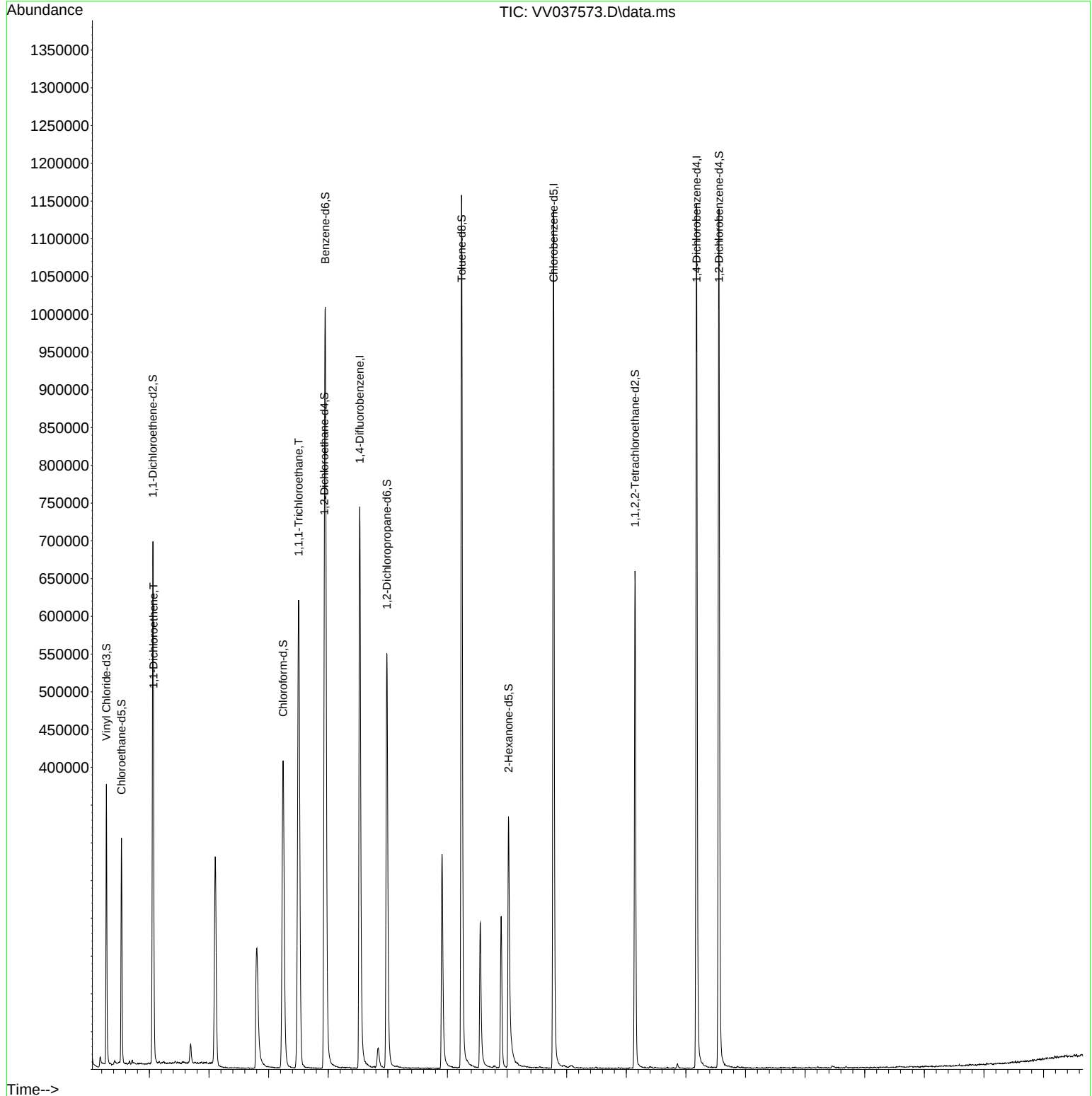
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	667260	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	633753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	299392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	246281	42.046	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.100%		
7) Chloroethane-d5	1.532	69	196102	43.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.260%		
11) 1,1-Dichloroethene-d2	2.060	65	106570	43.548	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.100%		
21) 2-Butanone-d5	3.793	46	189844	90.995	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.990%		
24) Chloroform-d	4.243	84	444736	42.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.360%		
26) 1,2-Dichloroethane-d4	4.934	65	268722	44.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.100%		
32) Benzene-d6	4.950	84	893035	45.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.060%		
36) 1,2-Dichloropropane-d6	5.982	67	282081	44.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.340%		
41) Toluene-d8	7.236	98	794592	44.187	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.380%		
43) trans-1,3-Dichloroprop...	7.548	79	119754	40.823	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.640%		
47) 2-Hexanone-d5	8.024	63	118188	88.633	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.630%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	322043	43.890	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.780%		
66) 1,2-Dichlorobenzene-d4	11.555	152	296348	46.974	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.940%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.069	96	30223	6.803	ug/L	# 1
17) trans-1,2-Dichloroethene	2.693	96	9087	1.934	ug/L	96
19) 1,1-Dichloroethane	3.105	63	275792	30.630	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	36642	6.967	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	519223	66.520	ug/L	100
34) Trichloroethene	5.838	95	8520	1.674	ug/L	95
46) Tetrachloroethene	7.899	164	44052	11.319	ug/L	98

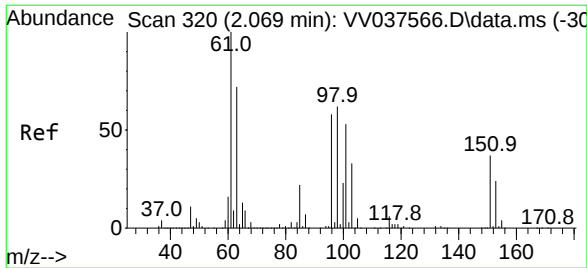
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.803 ug/L

RT: 2.069 min Scan# 32

Delta R.T. 0.000 min

Lab File: VV037573.D

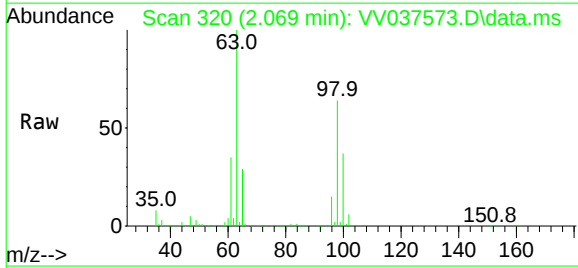
Acq: 27 Sep 2024 01:10

Instrument :

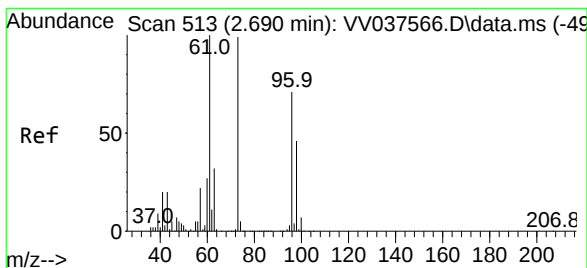
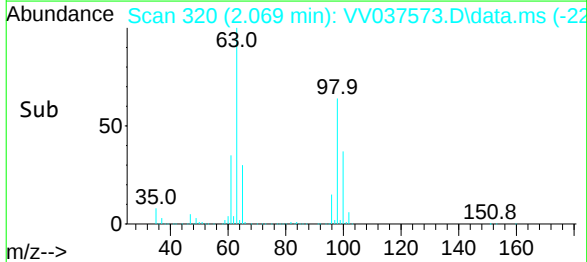
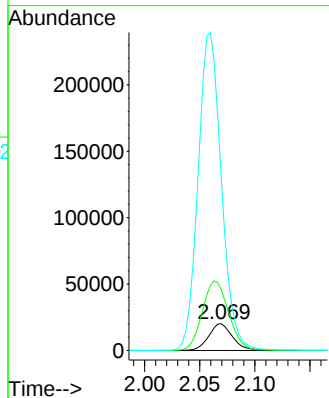
MSVOA_V

ClientSampleId :

EY045



Tgt Ion:	96	Resp:	30223
Ion	Ratio	Lower	Upper
96	100		
61	228.0	122.6	227.6#
63	654.1	118.0	219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.934 ug/L

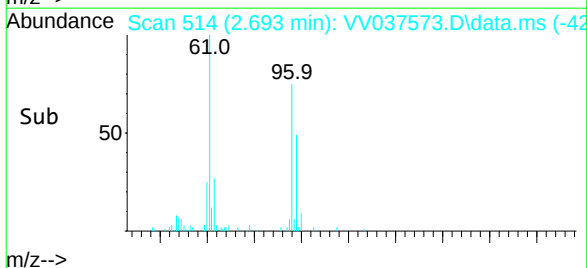
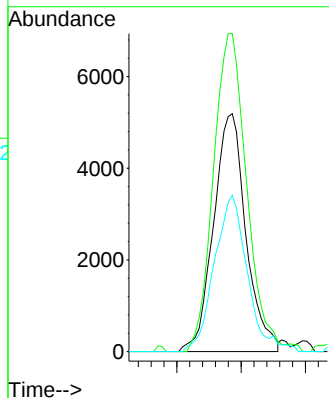
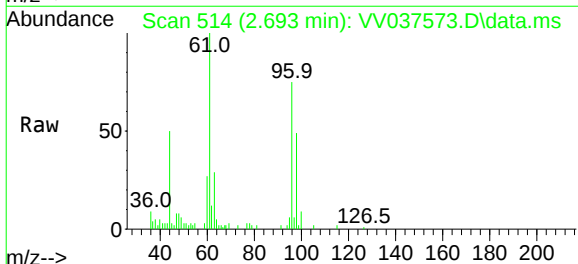
RT: 2.693 min Scan# 514

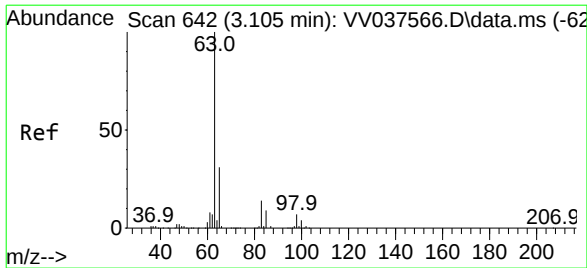
Delta R.T. 0.003 min

Lab File: VV037573.D

Acq: 27 Sep 2024 01:10

Tgt Ion:	96	Resp:	9087
Ion	Ratio	Lower	Upper
96	100		
61	133.7	97.3	180.7
98	65.6	43.9	81.5

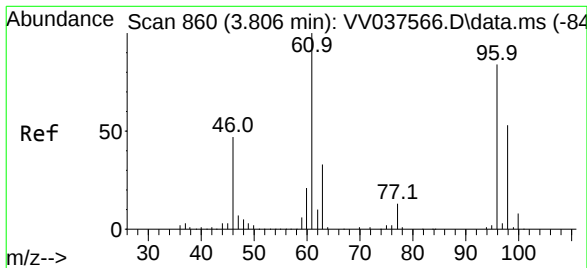
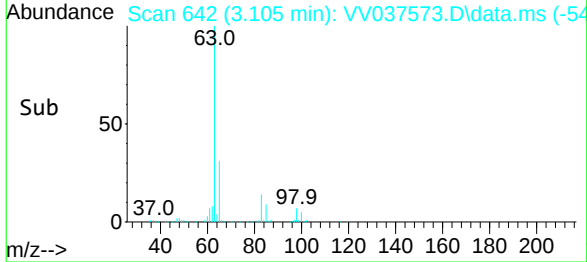
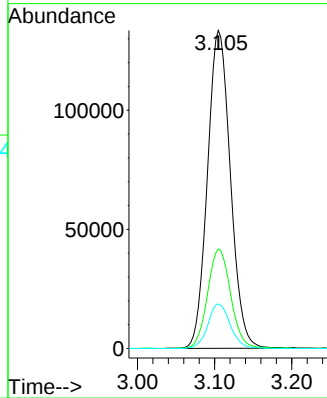
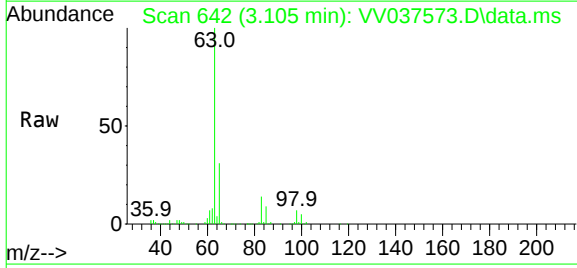




#19
1,1-Dichloroethane
Concen: 30.630 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV037573.D
Acq: 27 Sep 2024 01:10

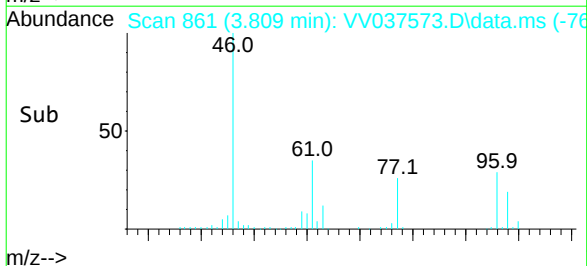
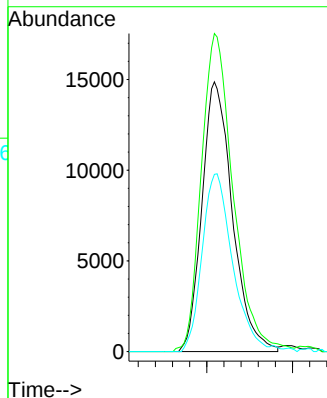
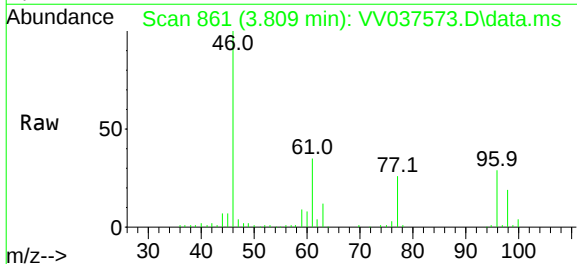
Instrument :
MSVOA_V
ClientSampleId :
EY045

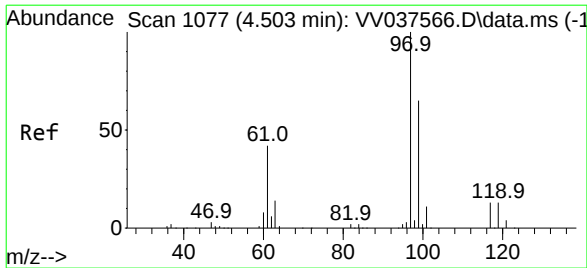
Tgt Ion:	63	Resp:	275792
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.4	41.6
83	14.0	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 6.967 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037573.D
Acq: 27 Sep 2024 01:10

Tgt Ion:	96	Resp:	36642
Ion	Ratio	Lower	Upper
96	100		
61	117.9	85.0	157.8
98	65.7	44.2	82.0

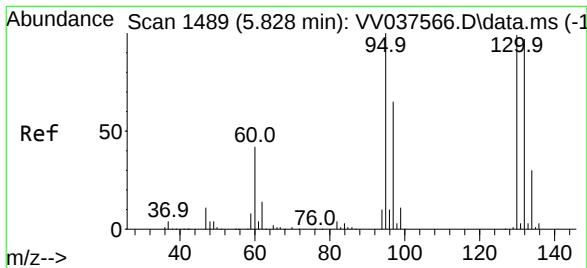
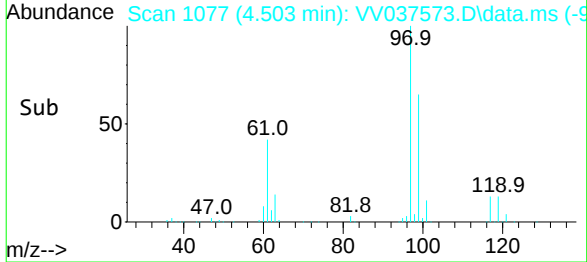
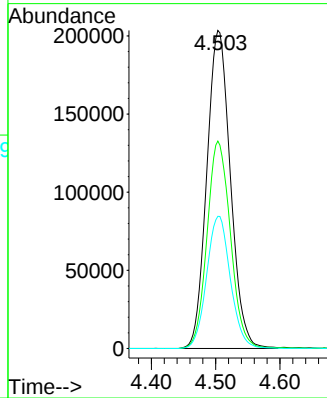
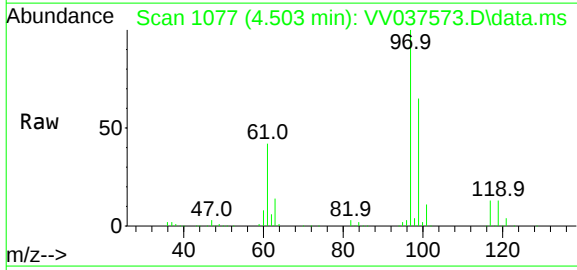




#30
1,1,1-Trichloroethane
Concen: 66.520 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037573.D
Acq: 27 Sep 2024 01:10

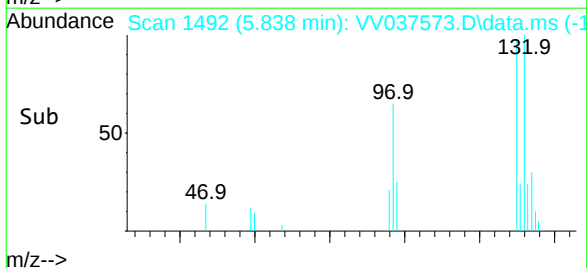
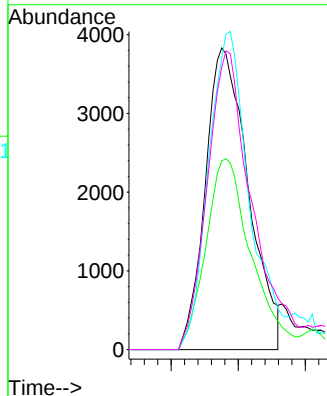
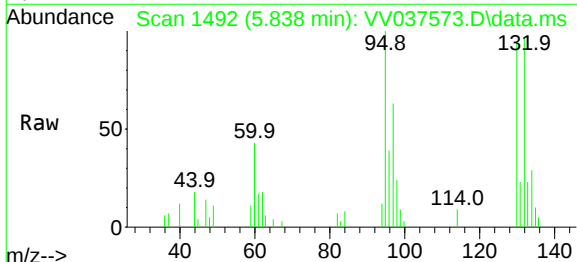
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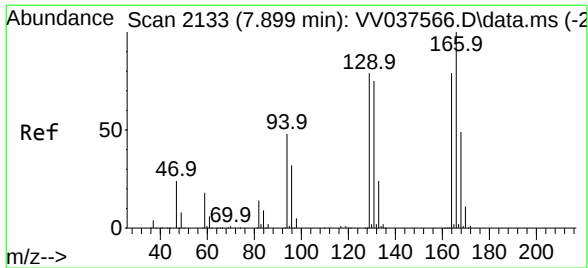
Tgt Ion:	97	Resp:	519223
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.6
61	41.8	33.6	50.4



#34
Trichloroethene
Concen: 1.674 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV037573.D
Acq: 27 Sep 2024 01:10

Tgt Ion:	95	Resp:	8520
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.3	85.9
132	96.5	68.6	127.4
130	93.6	70.9	131.7





#46
 Tetrachloroethene
 Concen: 11.319 ug/L
 RT: 7.899 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037573.D
 Acq: 27 Sep 2024 01:10

Instrument :
 MSVOA_V
 ClientSampleId :
 EY045

Tgt Ion:	164	Resp:	44052
Ion	Ratio	Lower	Upper
164	100		
129	99.9	68.2	126.6
131	98.1	66.1	122.8
166	129.7	91.1	169.1

