

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 :

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)

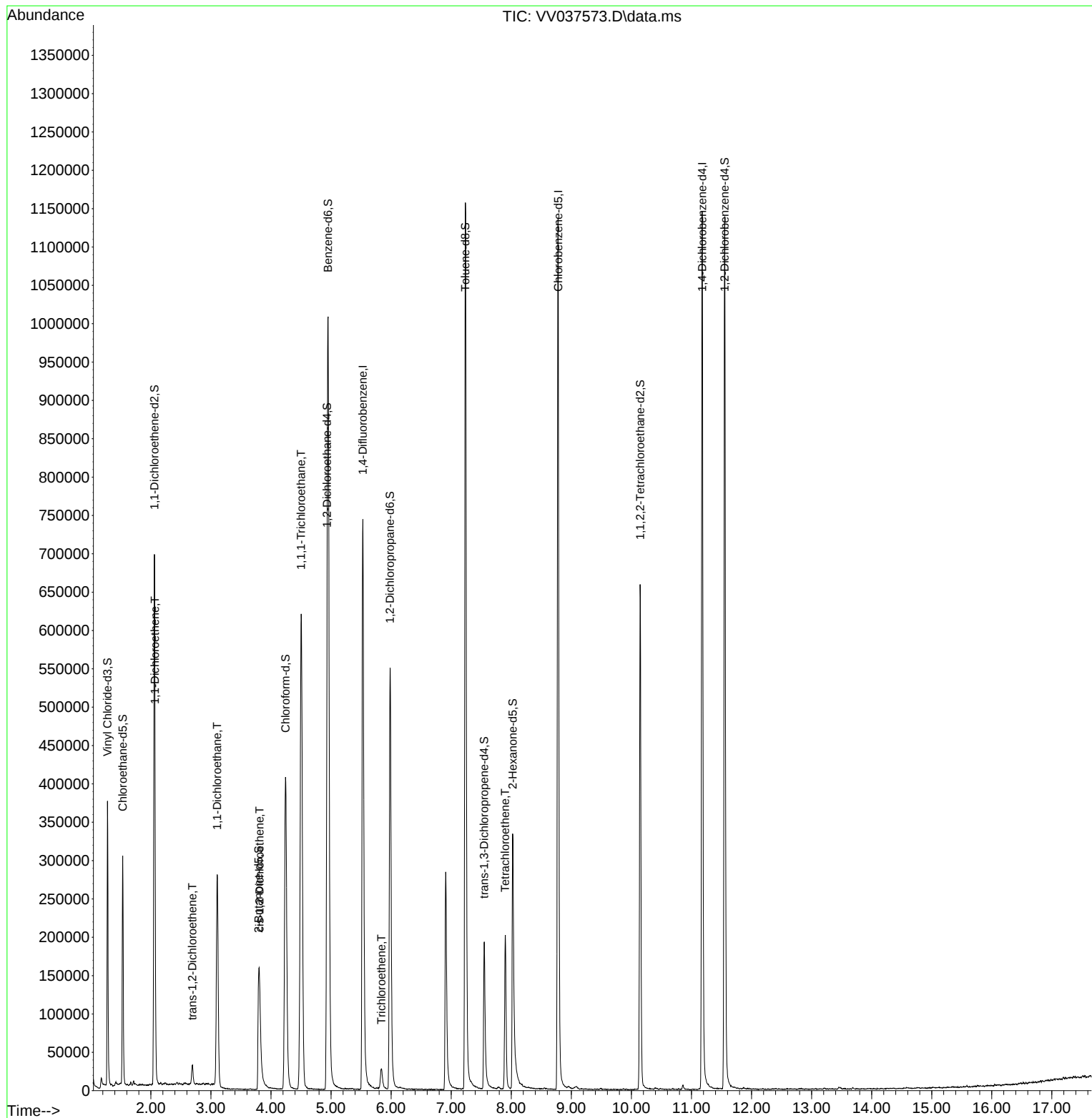
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	667260	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	633753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	299392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	246281	42.046	ug/L	0.00
Spiked Amount	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

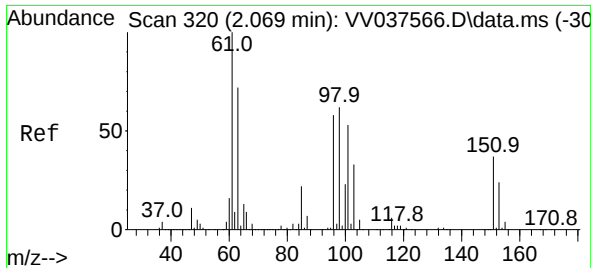
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.803 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

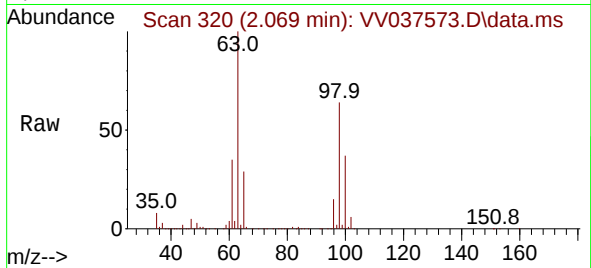
Lab File: VV037573.D

Acq: 27 Sep 2024 01:10

Instrument :

MSVOA_V

ClientSampleId :



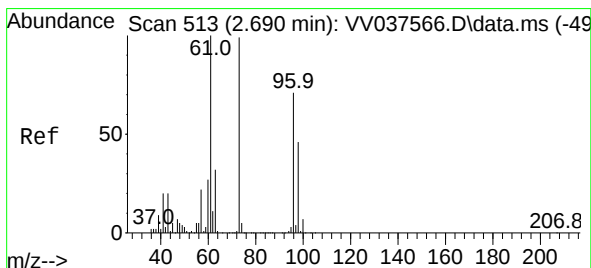
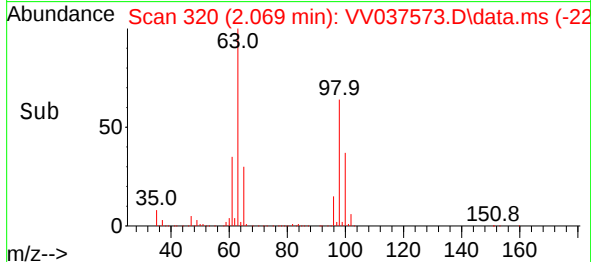
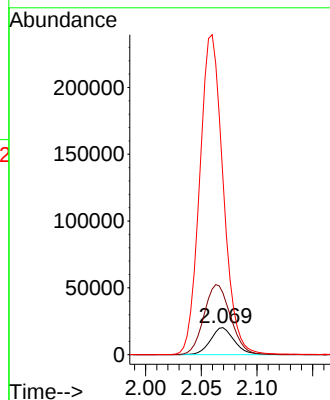
Tgt Ion: 96 Resp: 30223

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

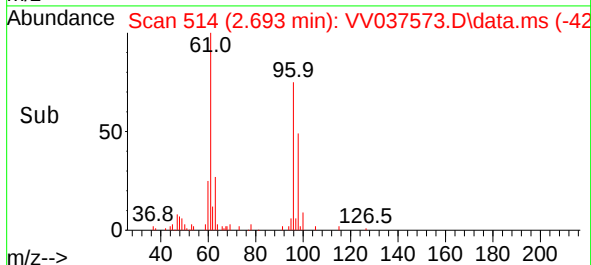
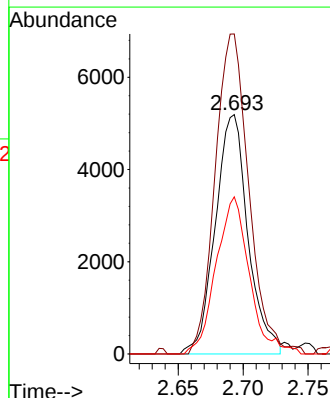
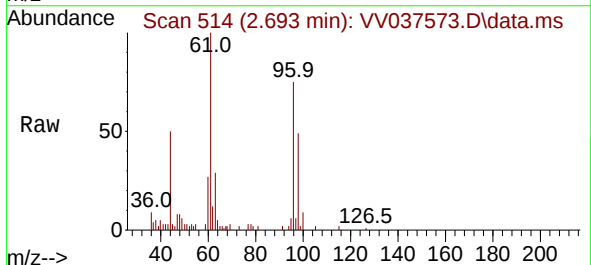
Tgt Ion: 96 Resp: 9087

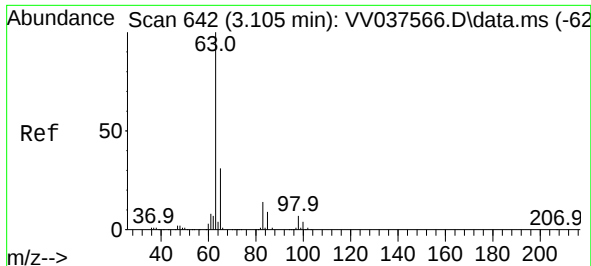
Ion Ratio Lower Upper

96 100

61 133.7 97.3 180.7

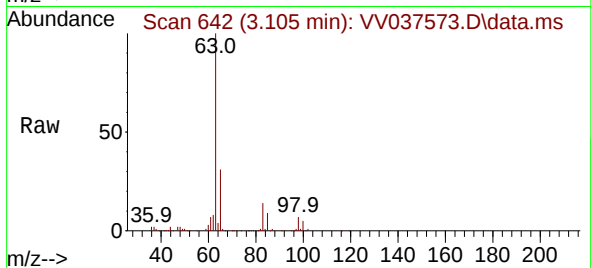
98 65.6 43.9 81.5





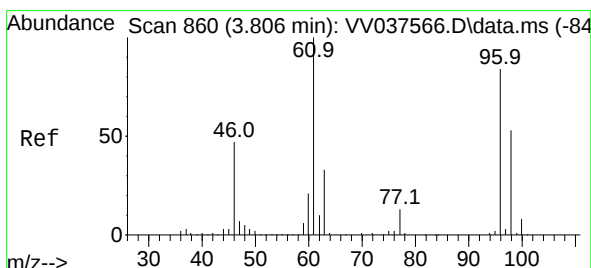
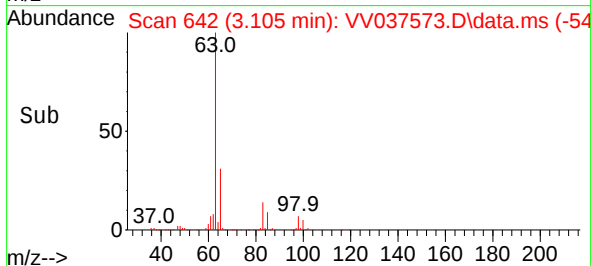
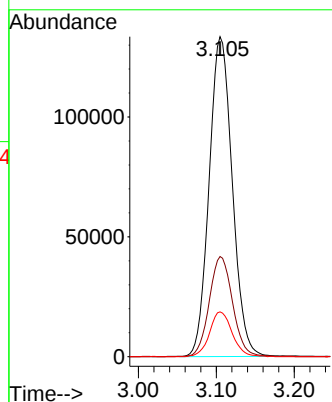
#19
1,1-Dichloroethane
Concen: 30.630 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037573.D
Acq: 27 Sep 2024 01:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 275792

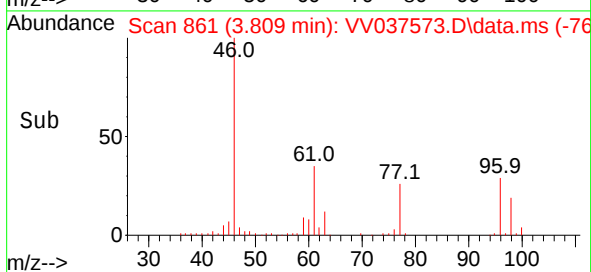
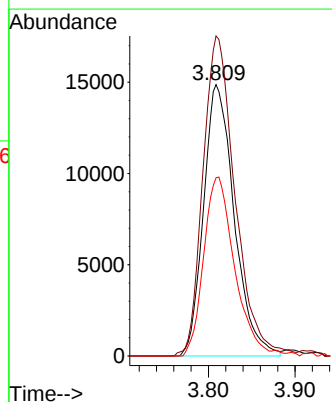
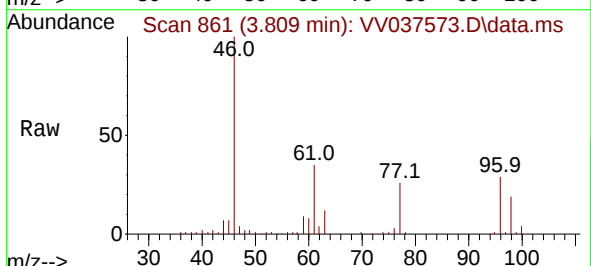
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.4	41.6
83	14.0	9.5	17.7

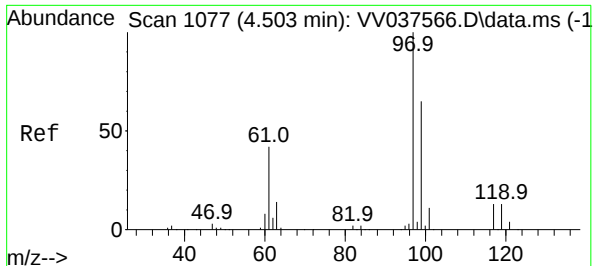


#20
cis-1,2-Dichloroethene
Concen: 6.967 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037573.D
Acq: 27 Sep 2024 01:10

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

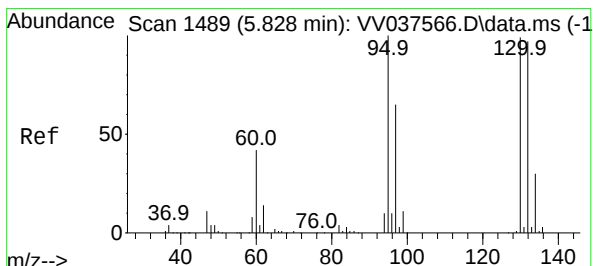
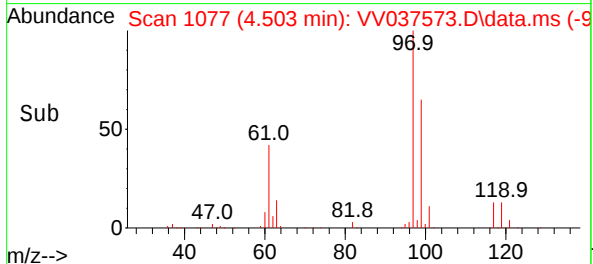
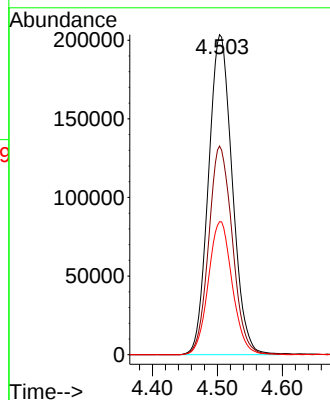
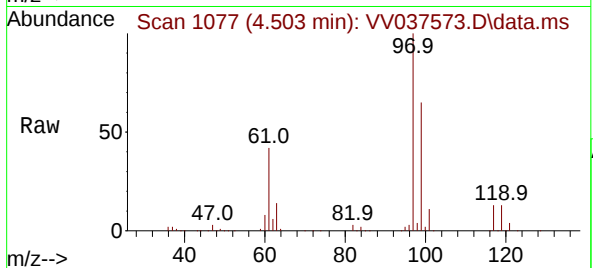




#30
1,1,1-Trichloroethane
Concen: 66.520 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037573.D
Acq: 27 Sep 2024 01:10

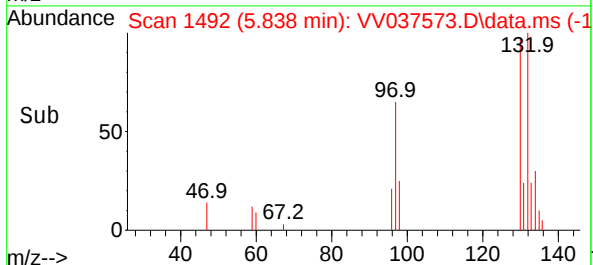
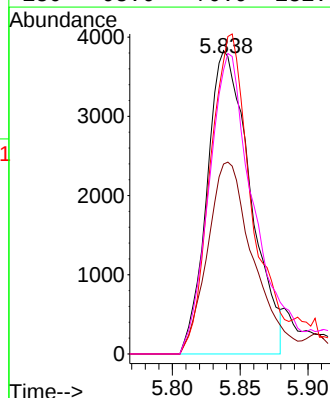
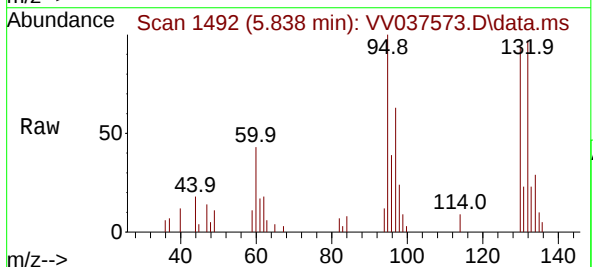
Instrument :
MSVOA_V
ClientSampleId :

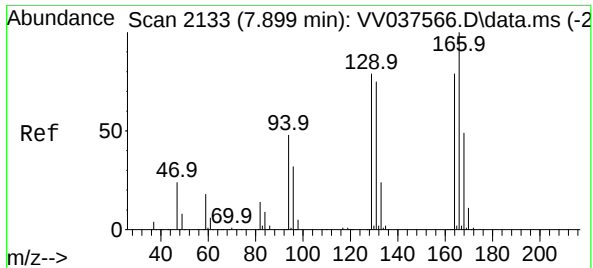
Tgt Ion: 97 Resp: 519223
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 41.8 33.6 50.4



#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

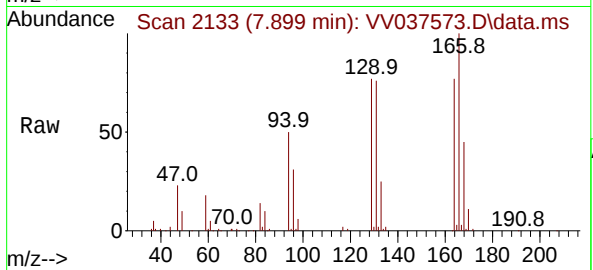
Tgt Ion: 95 Resp: 8520
Ion Ratio Lower Upper
95 100
97 62.6 46.3 85.9
132 96.5 68.6 127.4
130 93.6 70.9 131.7





#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 :



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

