

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037620.D
 Acq On : 27 Sep 2024 20:39
 Operator : SY/MD
 Sample : P4184-20DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:19:26 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)

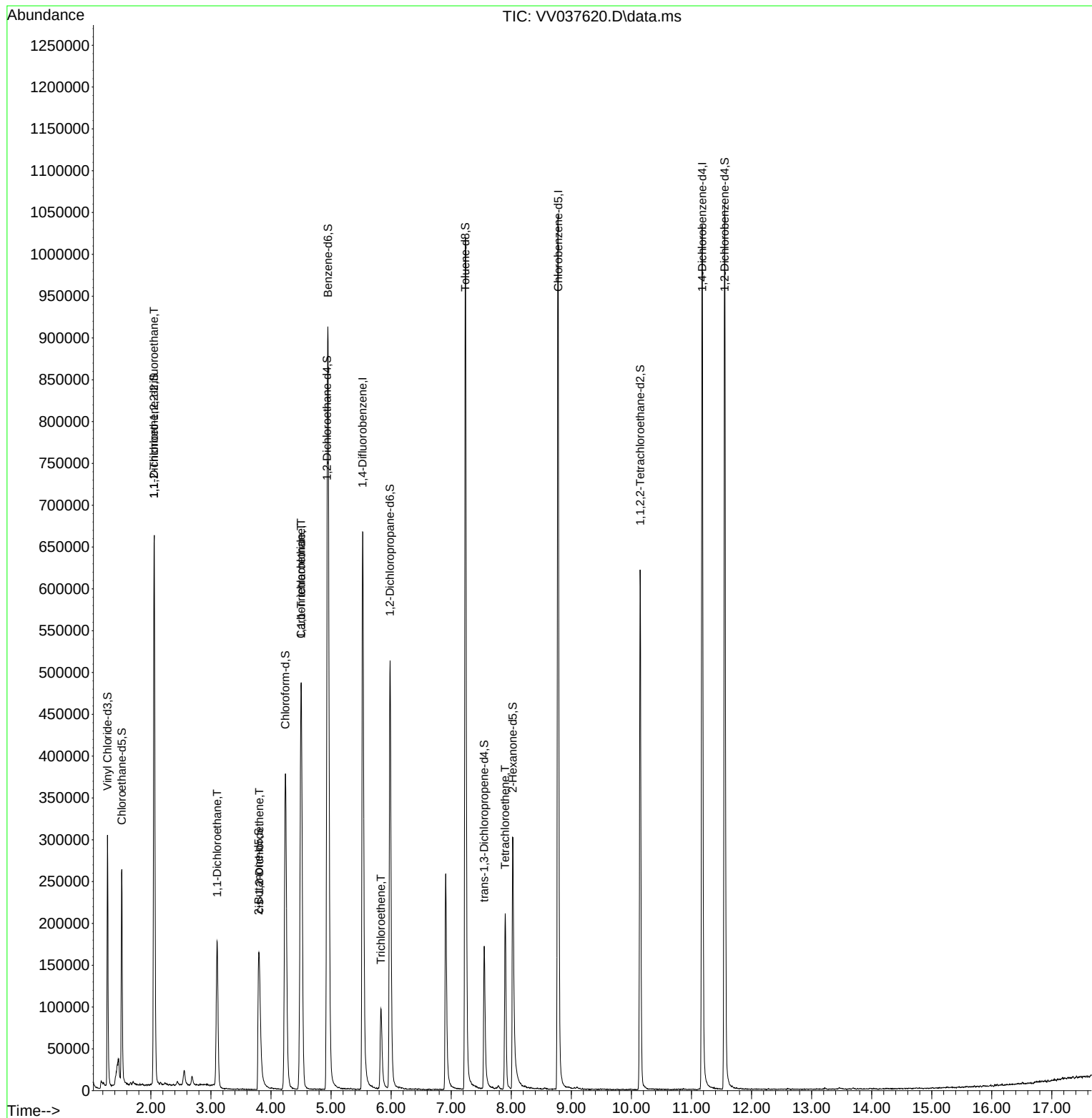
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	607298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	577361	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	276570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	206185	38.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.360%
7) Chloroethane-d5	1.516	69	175370	42.380	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.760%
11) 1,1-Dichloroethene-d2	2.053	65	92899	41.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
21) 2-Butanone-d5	3.793	46	170448	89.764	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.760%
24) Chloroform-d	4.240	84	408126	43.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.060%
26) 1,2-Dichloroethane-d4	4.934	65	248973	44.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
32) Benzene-d6	4.950	84	807295	44.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	5.982	67	259273	45.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.140%
41) Toluene-d8	7.236	98	700262	42.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.480%
43) trans-1,3-Dichloroprop...	7.548	79	112639	42.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.300%
47) 2-Hexanone-d5	8.024	63	104369	85.915	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.910%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	297905	44.566	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.140%
66) 1,2-Dichlorobenzene-d4	11.555	152	276212	47.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.780%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	3269	0.755	ug/L	# 22
19) 1,1-Dichloroethane	3.102	63	170775	20.839	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	44977	9.397	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	411765	57.906	ug/L	99
31) Carbon tetrachloride	4.503	117	53784	8.700	ug/L	100
34) Trichloroethene	5.831	95	35001	7.548	ug/L	97
46) Tetrachloroethene	7.899	164	47911	13.513	ug/L	98

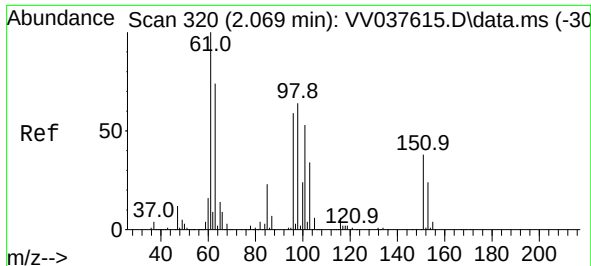
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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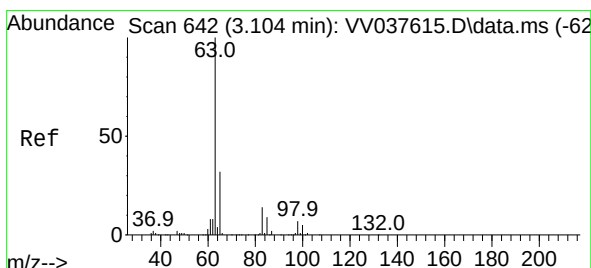
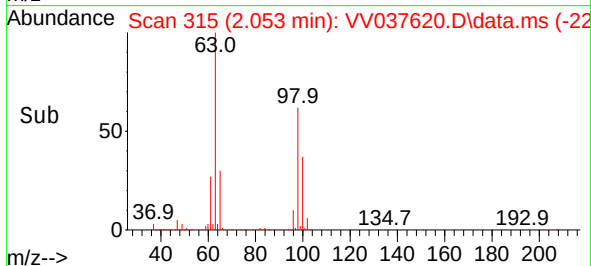
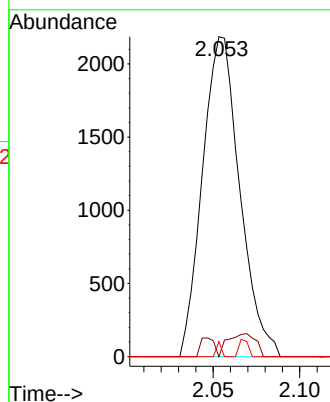
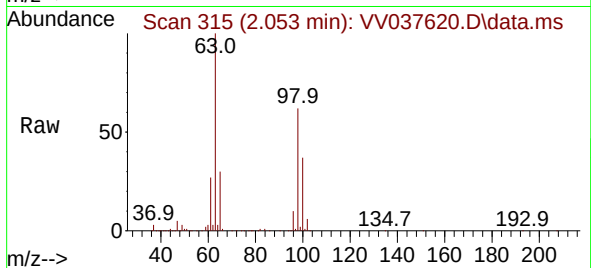




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.755 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.016 min
 Lab File: VV037620.D
 Acq: 27 Sep 2024 20:39

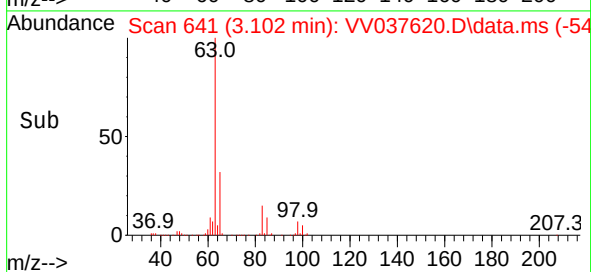
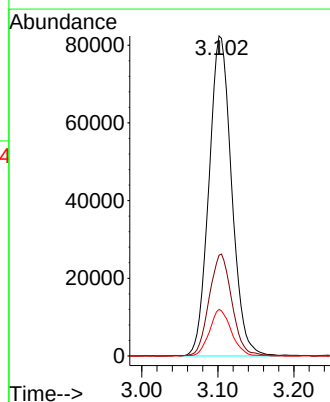
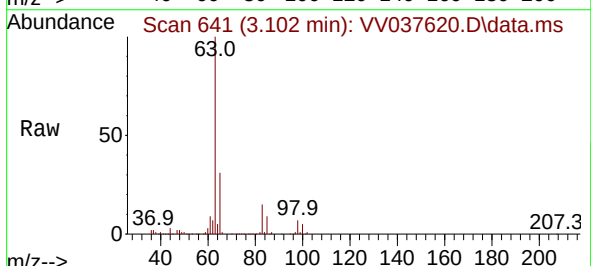
Instrument :
 MSVOA_V
 ClientSampleId :

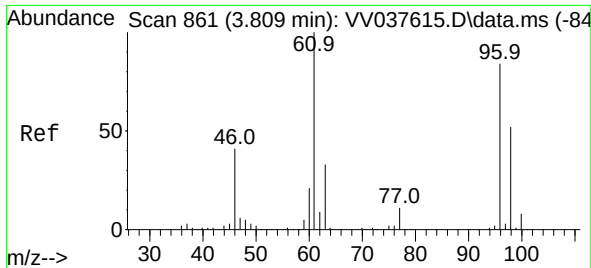
Tgt Ion:101 Resp: 3269
 Ion Ratio Lower Upper
 101 100
 85 2.1 34.6 52.0#
 151 0.0 57.5 86.3#



#19
 1,1-Dichloroethane
 Concen: 20.839 ug/L
 RT: 3.102 min Scan# 641
 Delta R.T. -0.003 min
 Lab File: VV037620.D
 Acq: 27 Sep 2024 20:39

Tgt Ion: 63 Resp: 170775
 Ion Ratio Lower Upper
 63 100
 65 31.5 22.4 41.6
 83 14.6 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 9.397 ug/L

RT: 3.806 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV037620.D

Acq: 27 Sep 2024 20:39

Instrument :

MSVOA_V

ClientSampleId :

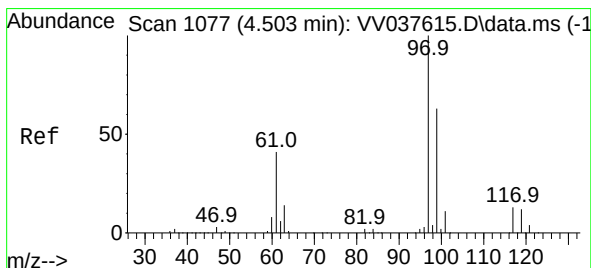
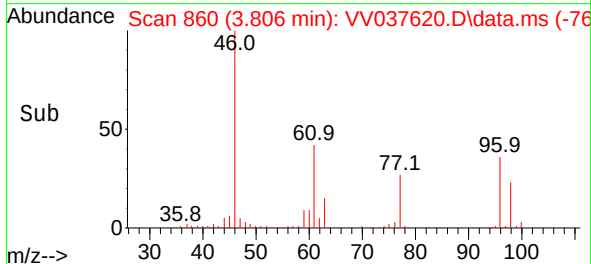
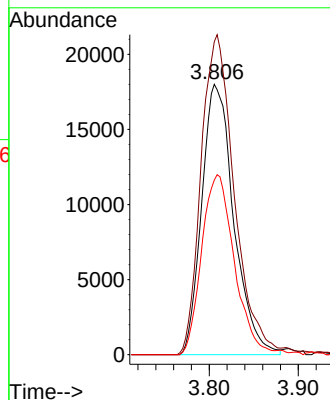
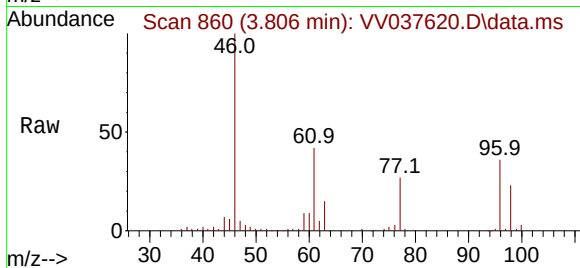
Tgt Ion: 96 Resp: 44977

Ion Ratio Lower Upper

96 100

61 115.8 85.0 157.8

98 64.6 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 57.906 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037620.D

Acq: 27 Sep 2024 20:39

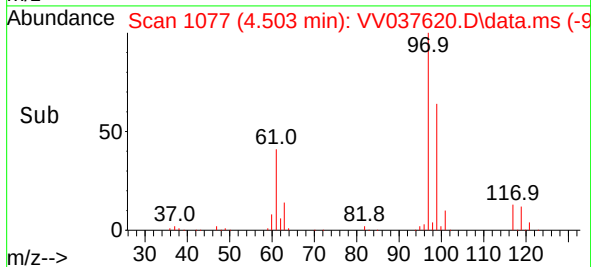
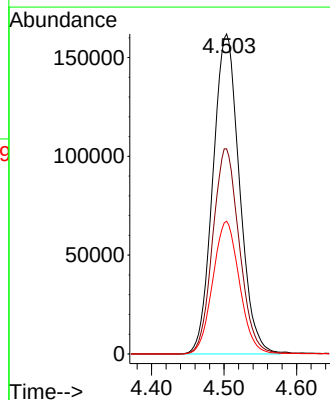
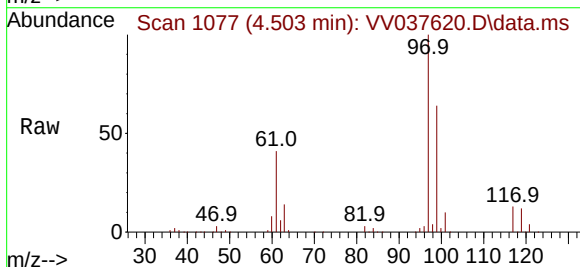
Tgt Ion: 97 Resp: 411765

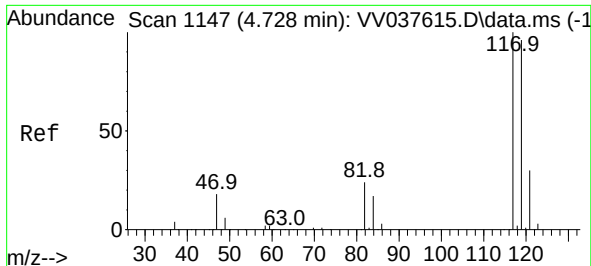
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 41.6 33.6 50.4

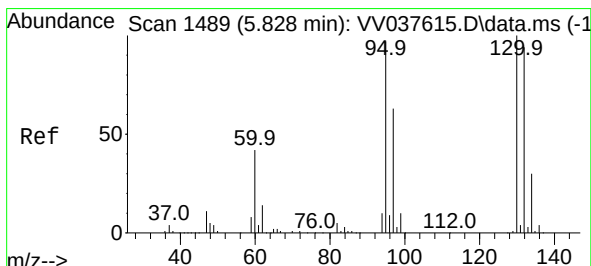
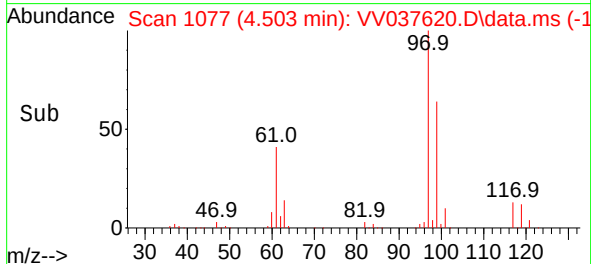
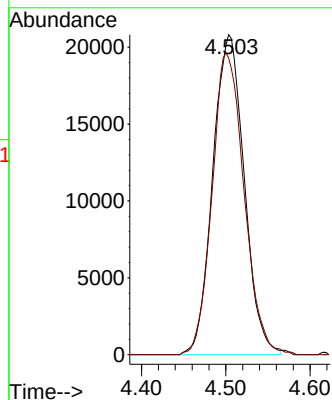
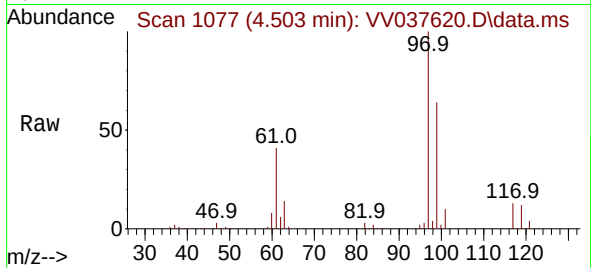




#31
Carbon tetrachloride
Concen: 8.700 ug/L
RT: 4.503 min Scan# 1147
Delta R.T. -0.225 min
Lab File: VV037620.D
Acq: 27 Sep 2024 20:39

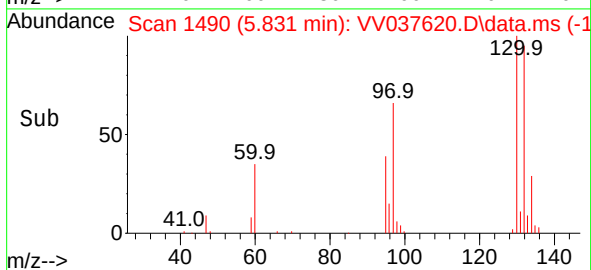
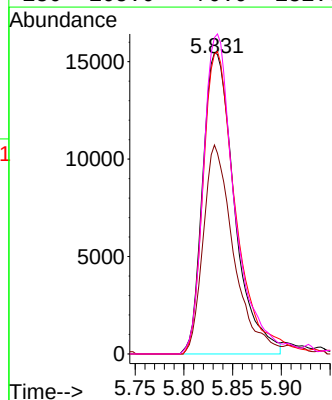
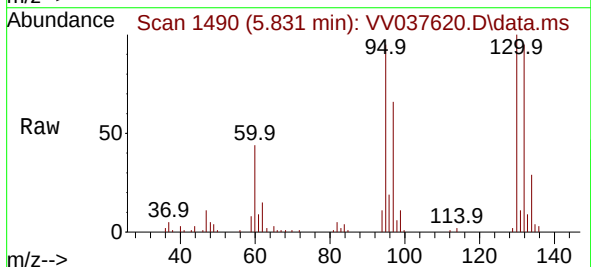
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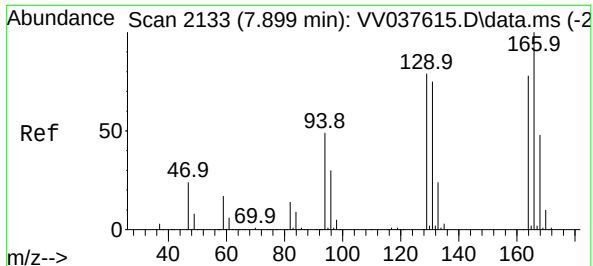
Tgt Ion:117 Resp: 53784
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#34
Trichloroethene
Concen: 7.548 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV037620.D
Acq: 27 Sep 2024 20:39

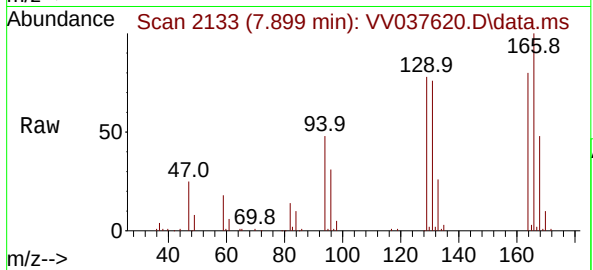
Tgt Ion: 95 Resp: 35001
Ion Ratio Lower Upper
95 100
97 69.4 46.3 85.9
132 99.5 68.6 127.4
130 105.0 70.9 131.7





#46
 Tetrachloroethene
 Concen: 13.513 ug/L
 RT: 7.899 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037620.D
 Acq: 27 Sep 2024 20:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	47911
Ion	Ratio	Lower	Upper
164	100		
129	96.6	68.2	126.6
131	94.7	66.1	122.8
166	124.3	91.1	169.1

