

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037425.D
 Acq On : 20 Sep 2024 12:11
 Operator : SY/MD
 Sample : P3994-07DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B27DL

Quant Time: Sep 20 23:34:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

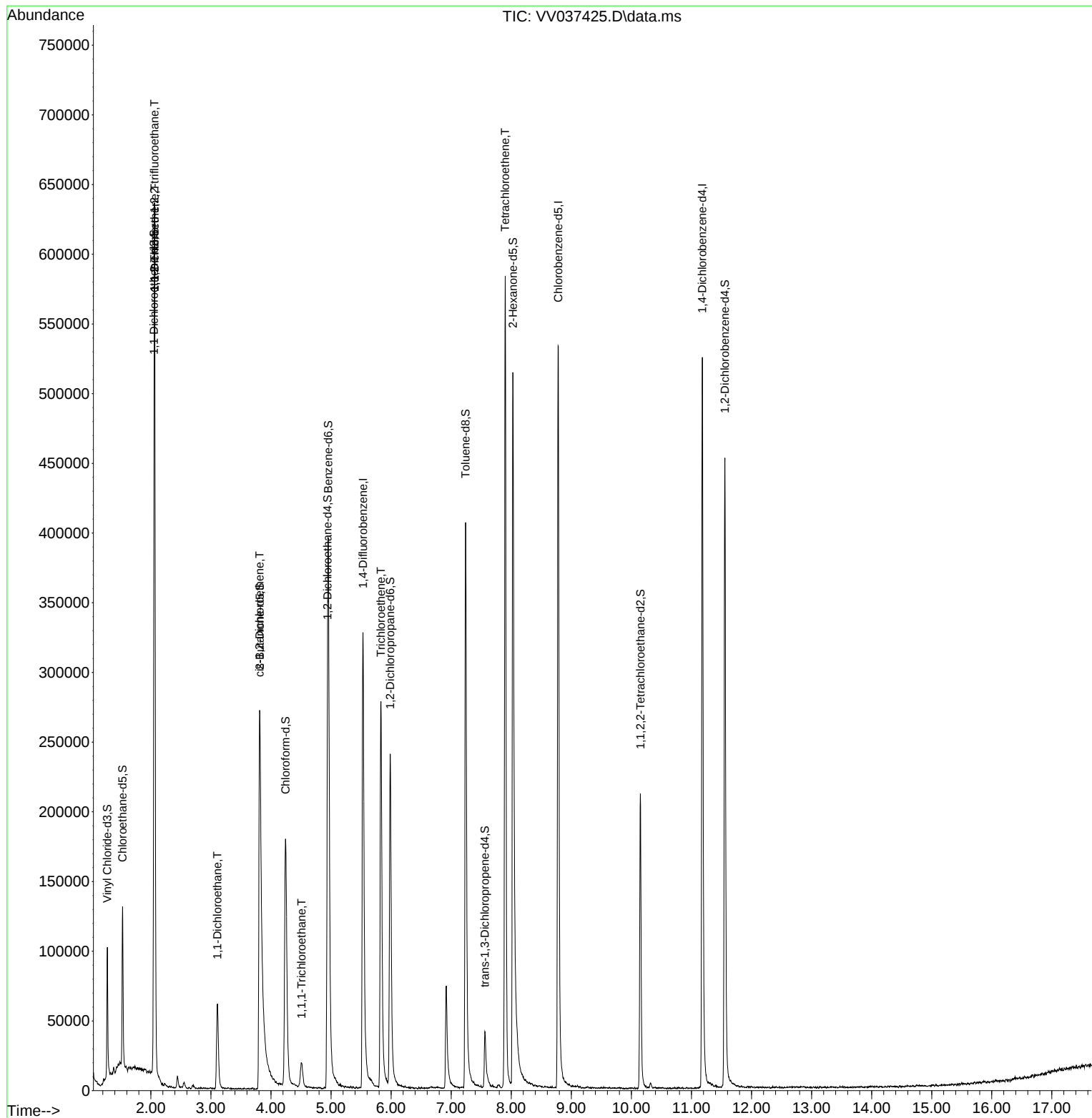
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	313123	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	143824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58002	3.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.529	69	76212	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.053	65	33830	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.815	46	267653	48.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	4.243	84	205030	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.940	65	102293	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.953	84	370904	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.985	67	128998	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.239	98	297799	3.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.561	79	30937	3.490	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.027	63	213460	49.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.580%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	108337	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	123783	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	7637	0.332	ug/L	91
12) 1,1-Dichloroethene	2.063	96	149071	6.794	ug/L	90
19) 1,1-Dichloroethane	3.108	63	64832	1.471	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	95239	3.816	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	15548	0.406	ug/L	96
34) Trichloroethene	5.831	95	107115	4.082	ug/L	95
47) Tetrachloroethene	7.899	164	131829	7.020	ug/L	98

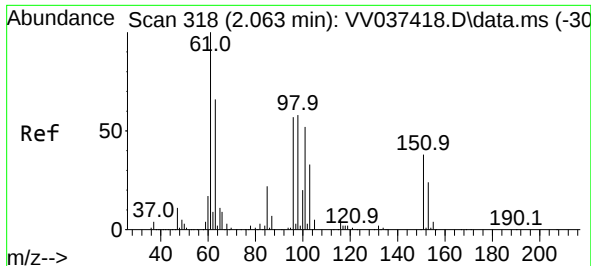
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 23:32:27 2024
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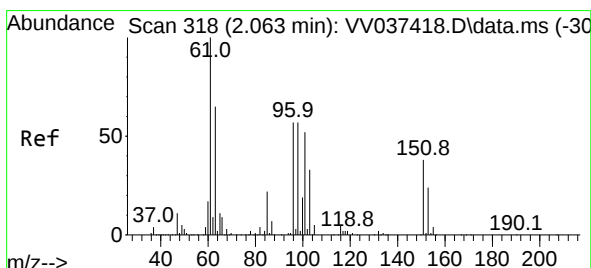
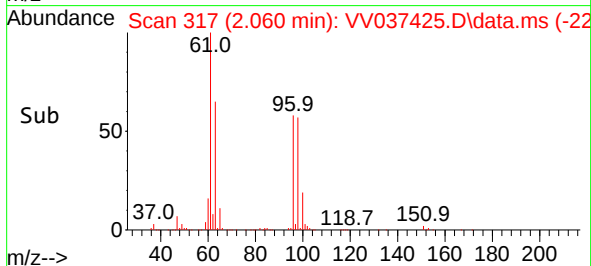
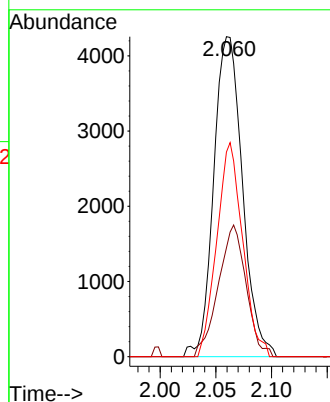
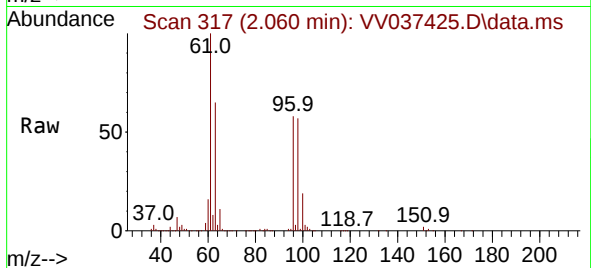




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.332 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV037425.D
 Acq: 20 Sep 2024 12:11

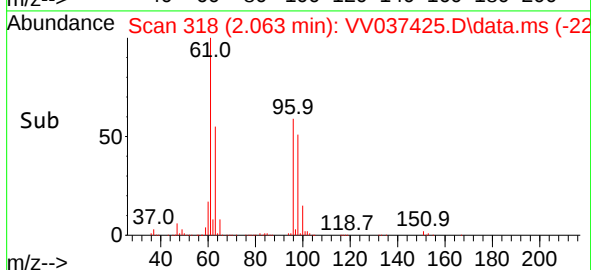
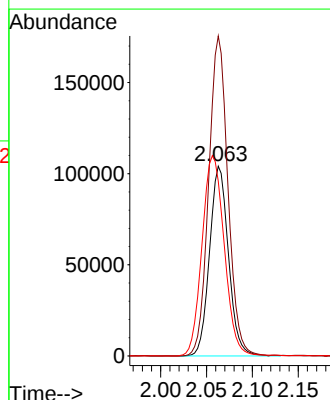
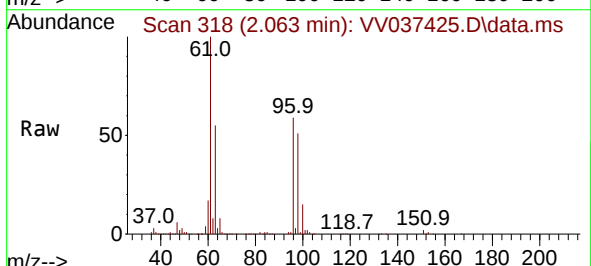
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B27DL

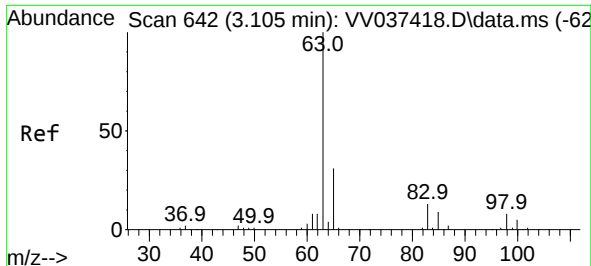
Tgt Ion:101 Resp: 7637
 Ion Ratio Lower Upper
 101 100
 85 39.7 35.1 52.7
 151 60.1 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 6.794 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037425.D
 Acq: 20 Sep 2024 12:11

Tgt Ion: 96 Resp: 149071
 Ion Ratio Lower Upper
 96 100
 61 168.6 119.9 222.7
 63 92.1 81.4 151.2





#19

1,1-Dichloroethane

Concen: 1.471 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037425.D

Acq: 20 Sep 2024 12:11

Instrument :

MSVOA_V

ClientSampleId :

C0B27DL

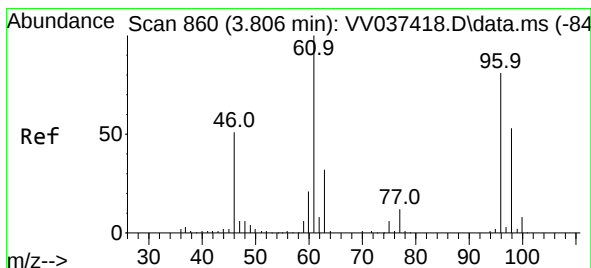
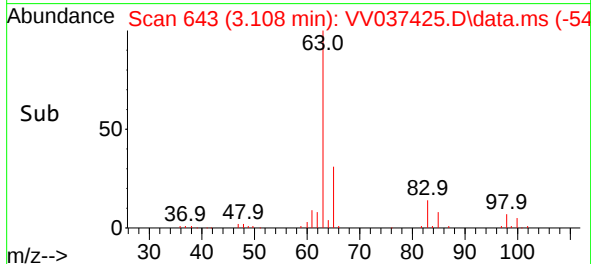
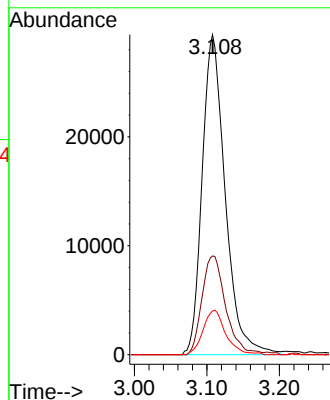
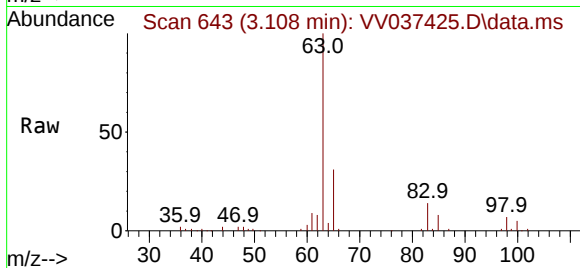
Tgt Ion: 63 Resp: 64832

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.7

83 13.6 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 3.816 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV037425.D

Acq: 20 Sep 2024 12:11

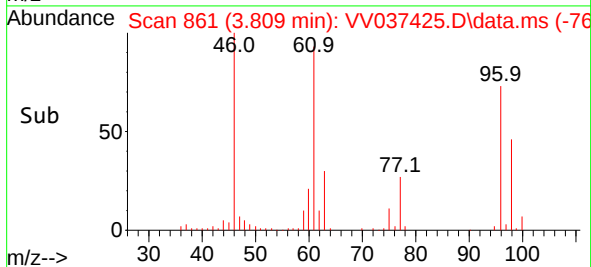
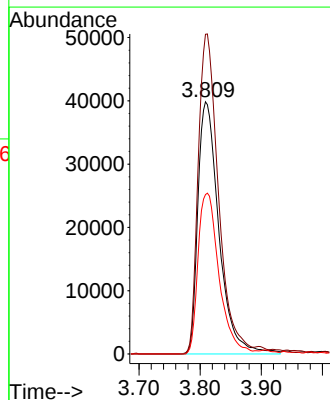
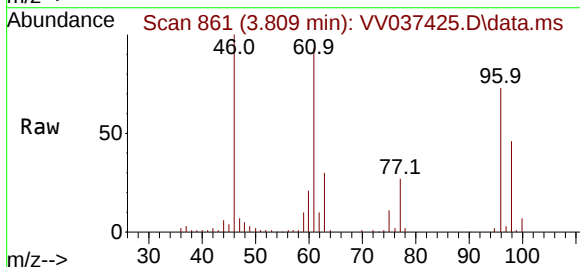
Tgt Ion: 96 Resp: 95239

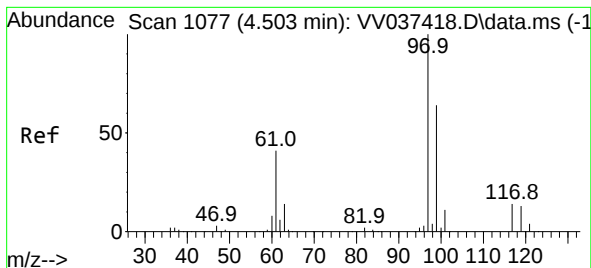
Ion Ratio Lower Upper

96 100

61 126.8 87.6 162.6

98 63.2 44.9 83.5





#29

1,1,1-Trichloroethane

Concen: 0.406 ug/L

RT: 4.510 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV037425.D

Acq: 20 Sep 2024 12:11

Instrument :

MSVOA_V

ClientSampleId :

C0B27DL

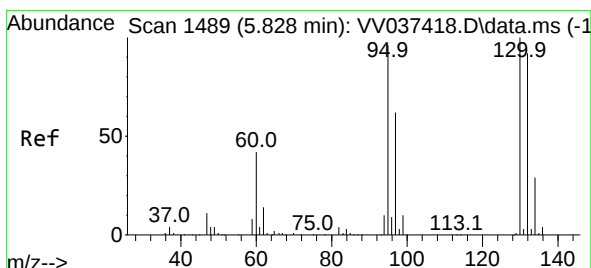
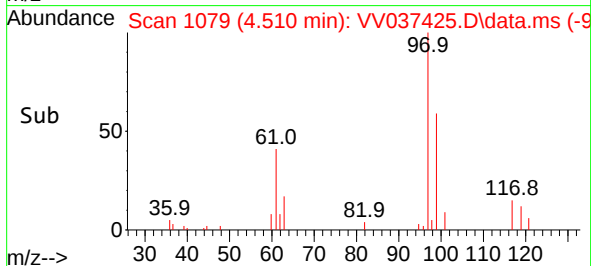
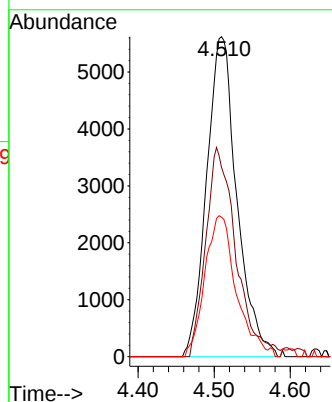
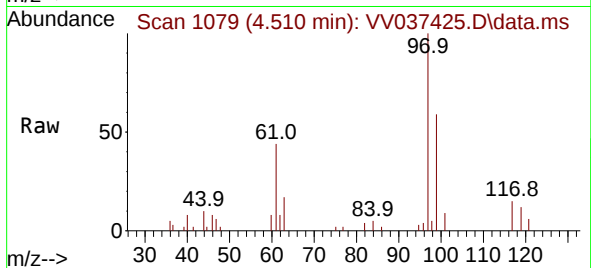
Tgt Ion: 97 Resp: 15548

Ion Ratio Lower Upper

97 100

99 65.2 50.0 75.0

61 45.8 34.3 51.5



#34

Trichloroethene

Concen: 4.082 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV037425.D

Acq: 20 Sep 2024 12:11

Tgt Ion: 95 Resp: 107115

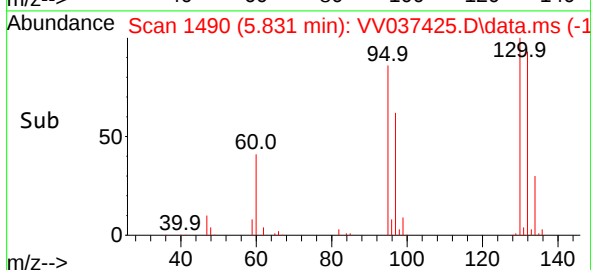
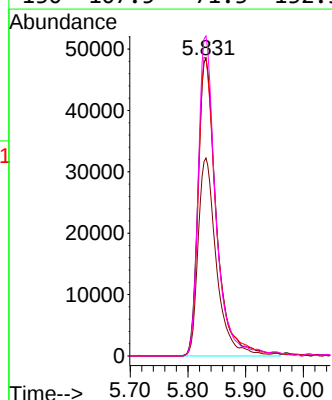
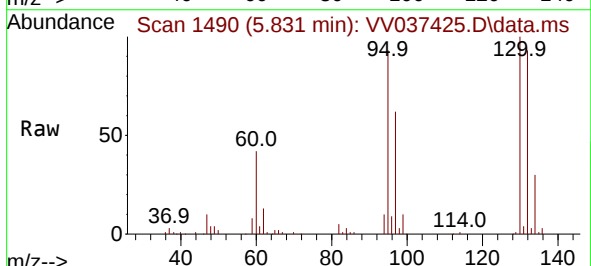
Ion Ratio Lower Upper

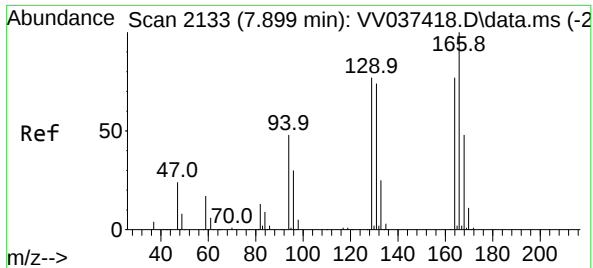
95 100

97 66.5 46.5 86.5

132 100.2 65.5 121.7

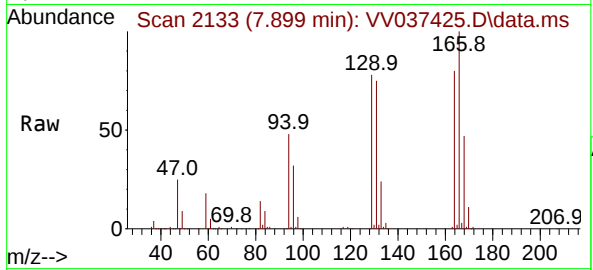
130 107.5 71.3 132.3





#47
 Tetrachloroethene
 Concen: 7.020 ug/L
 RT: 7.899 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037425.D
 Acq: 20 Sep 2024 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B27DL



Tgt Ion:	164	Resp:	131829
Ion	Ratio	Lower	Upper
164	100		
129	97.1	69.2	128.4
131	93.6	66.6	123.8
166	124.6	88.8	165.0

