

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
 Data File : VV030404.D
 Acq On : 05 Apr 2023 16:34
 Operator : SY/MD
 Sample : 02194-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW0DL

Quant Time: Apr 06 05:27:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

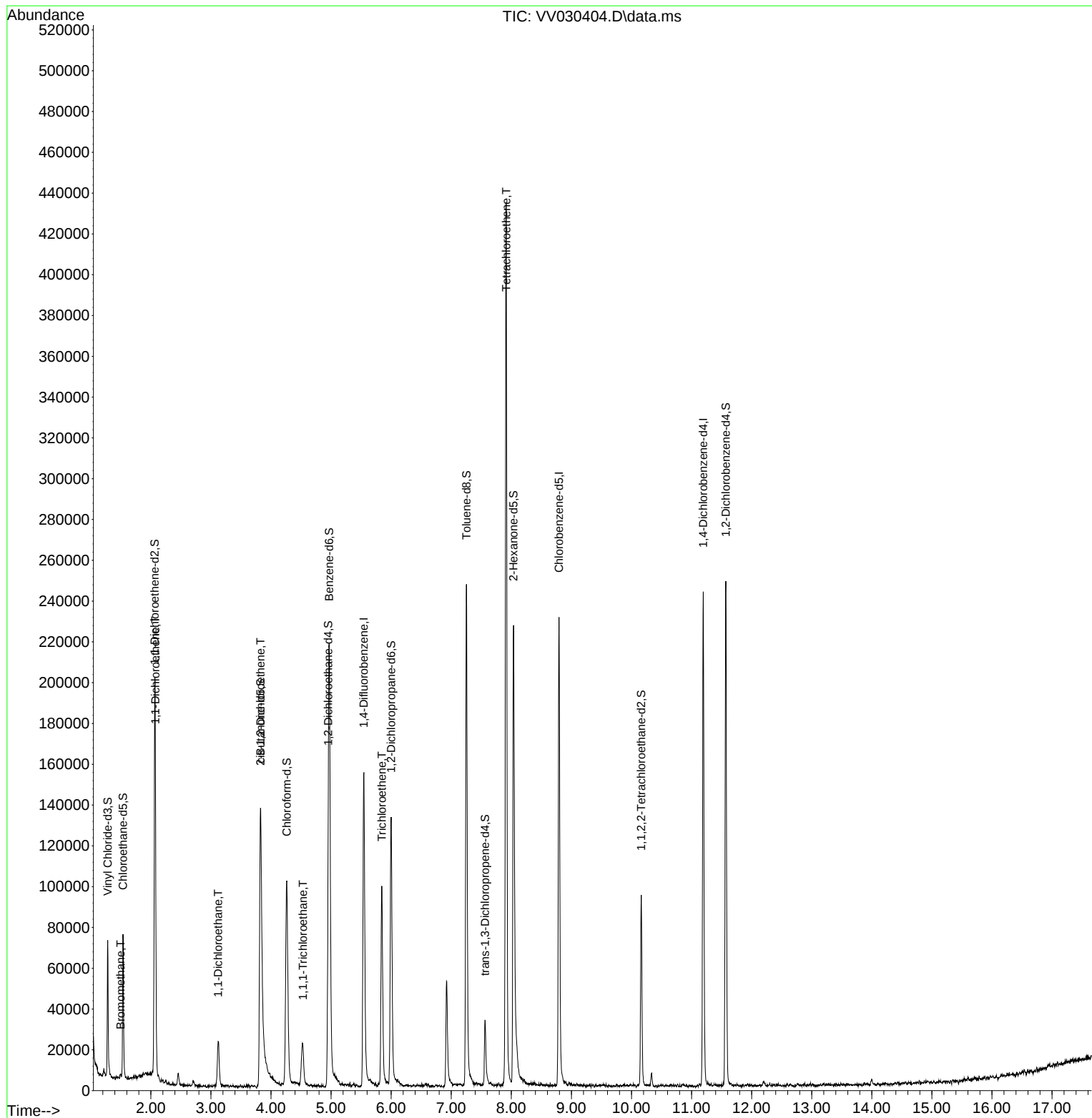
Internal Standards							
1) 1,4-Difluorobenzene		5.545	114	130804	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.792	117	126393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.194	152	63768	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.282	65	43651	5.039	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 100.800%		
7) Chloroethane-d5		1.536	69	43689	5.197	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 104.000%		
11) 1,1-Dichloroethene-d2		2.063	63	90073	4.382	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 87.600%		
20) 2-Butanone-d5		3.828	46	110118	49.178	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	= 98.360%		
24) Chloroform-d		4.262	84	105266	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4		4.953	65	53248	5.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 107.600%		
32) Benzene-d6		4.969	84	191642	5.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 107.600%		
36) 1,2-Dichloropropane-d6		5.998	67	59530	5.339	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 106.800%		
41) Toluene-d8		7.252	98	161084	4.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 98.400%		
43) trans-1,3-Dichloroprop...		7.564	79	19623	4.674	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 93.400%		
46) 2-Hexanone-d5		8.037	63	84924	50.340	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 100.680%		
56) 1,1,2,2-Tetrachloroeth...		10.162	84	42692	4.858	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 97.200%		
66) 1,2-Dichlorobenzene-d4		11.570	152	62021	5.442	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 108.800%		
Target Compounds							
6) Bromomethane		1.497	94	618	0.142	ug/L	80
12) 1,1-Dichloroethene		2.076	96	25044	2.291	ug/L #	77
19) 1,1-Dichloroethane		3.121	63	21831	0.978	ug/L	94
22) cis-1,2-Dichloroethene		3.825	96	55386	4.793	ug/L #	99
29) 1,1,1-Trichloroethane		4.529	97	17304	0.852	ug/L	97
34) Trichloroethene		5.844	95	34039	2.811	ug/L	99
47) Tetrachloroethene		7.915	164	97050	9.082	ug/L	96

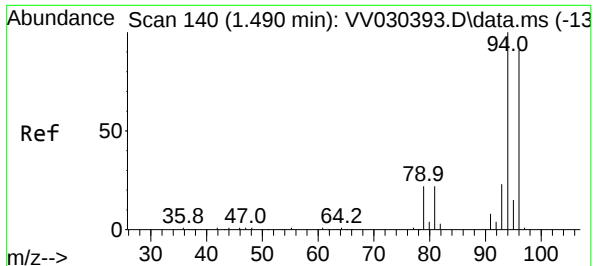
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration

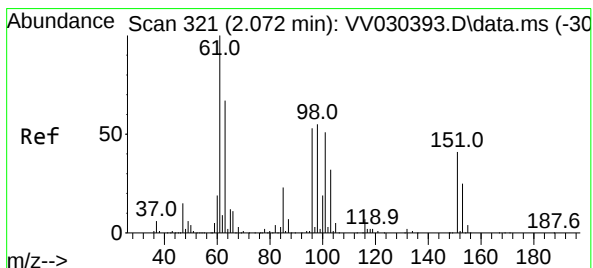
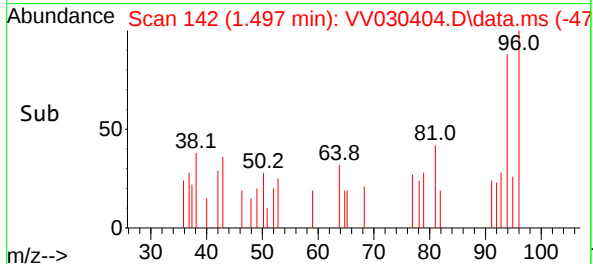
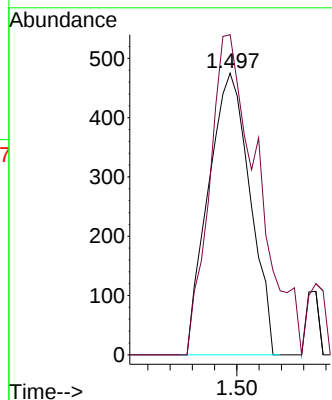
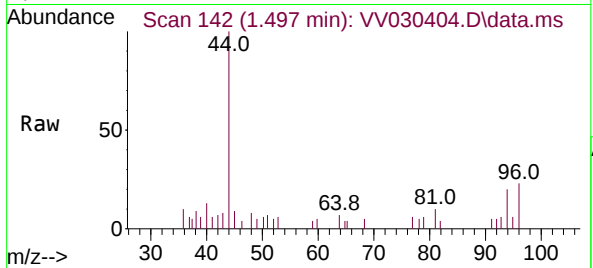




#6
Bromomethane
Concen: 0.142 ug/L
RT: 1.497 min Scan# 140
Delta R.T. 0.006 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

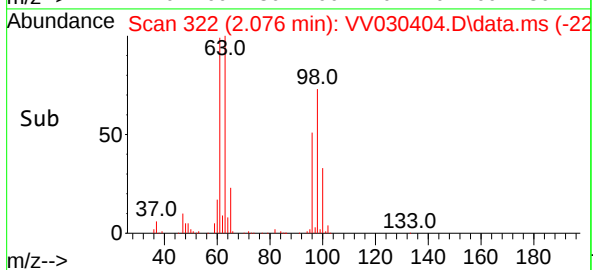
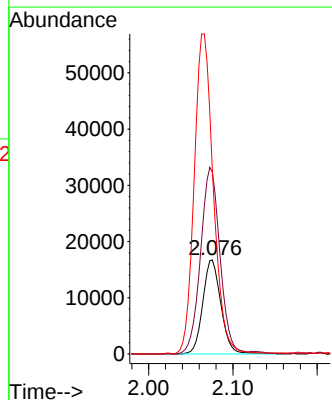
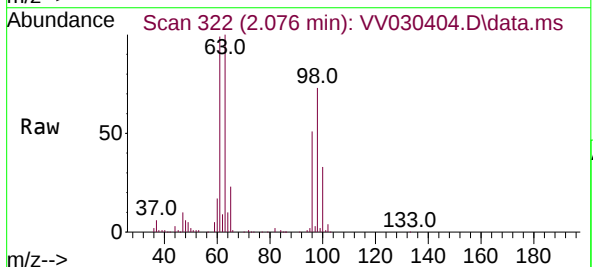
Instrument :
MSVOA_V
ClientSampleId :
BHDW0DL

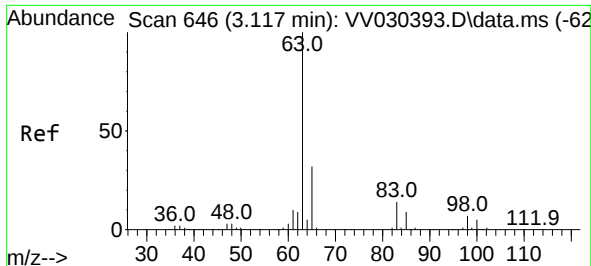
Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 113.7 66.1 122.7



#12
1,1-Dichloroethene
Concen: 2.291 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

Tgt Ion: 96 Resp: 25044
Ion Ratio Lower Upper
96 100
61 193.2 136.3 253.1
63 195.4 92.1 171.1#





#19

1,1-Dichloroethane

Concen: 0.978 ug/L

RT: 3.121 min Scan# 646

Delta R.T. 0.003 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

Instrument :

MSVOA_V

ClientSampleId :

BHDW0DL

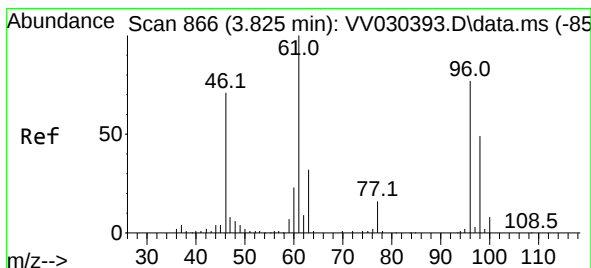
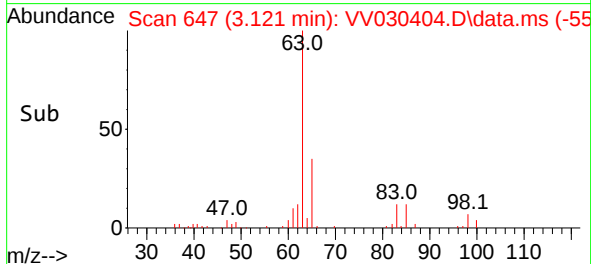
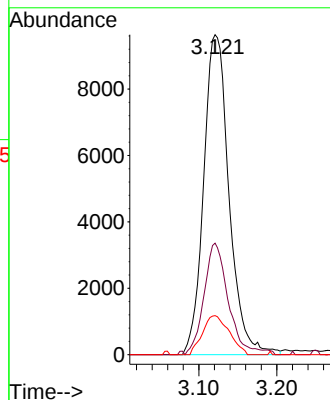
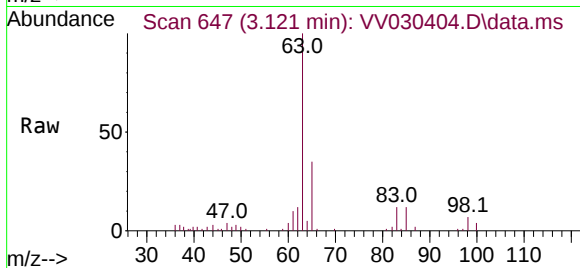
Tgt Ion: 63 Resp: 21831

Ion Ratio Lower Upper

63 100

65 34.8 21.7 40.3

83 12.2 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 4.793 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

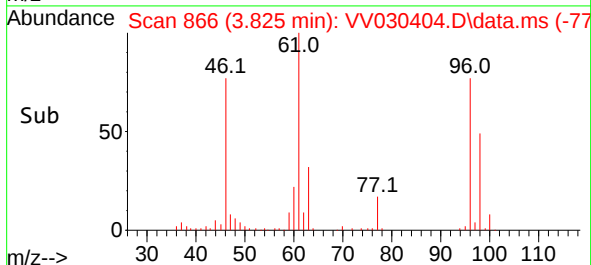
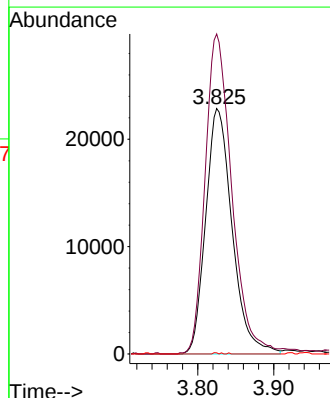
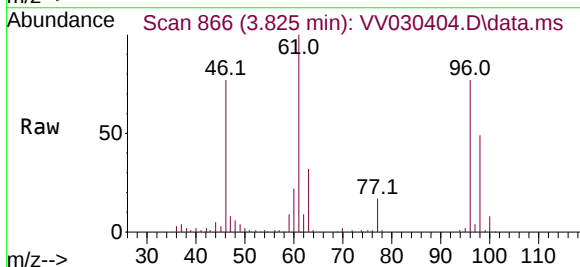
Tgt Ion: 96 Resp: 55386

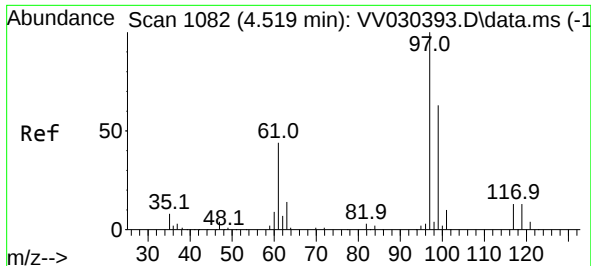
Ion Ratio Lower Upper

96 100

61 130.4 92.0 170.8

68 0.4 0.0 0.0#





#29

1,1,1-Trichloroethane

Concen: 0.852 ug/L

RT: 4.529 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

Instrument :

MSVOA_V

ClientSampleId :

BHDW0DL

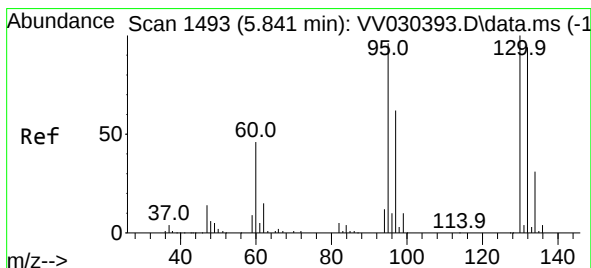
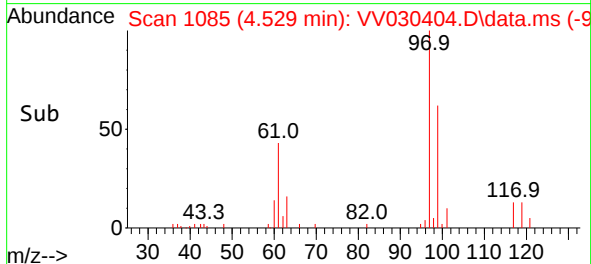
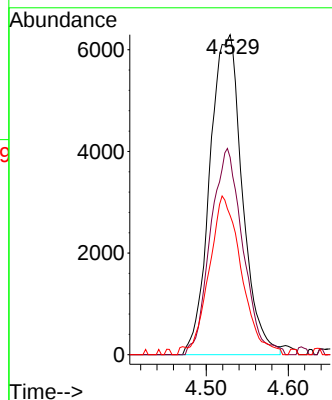
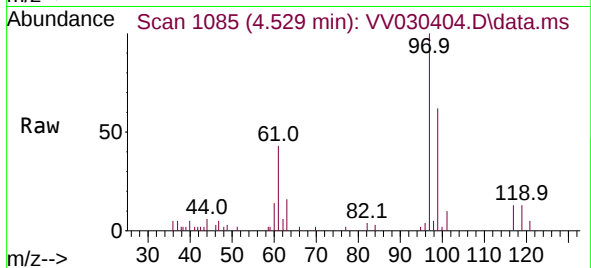
Tgt Ion: 97 Resp: 17304

Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 48.9 35.9 53.9



#34

Trichloroethene

Concen: 2.811 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

Tgt Ion: 95 Resp: 34039

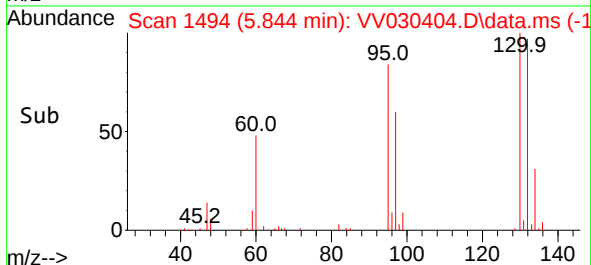
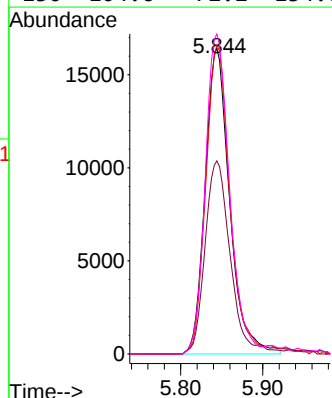
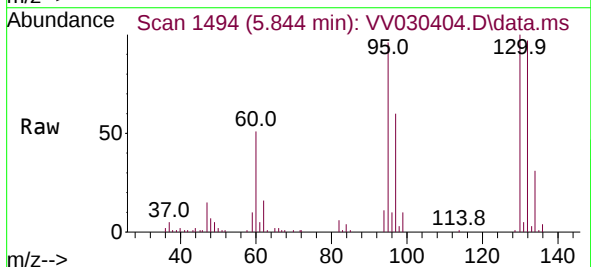
Ion Ratio Lower Upper

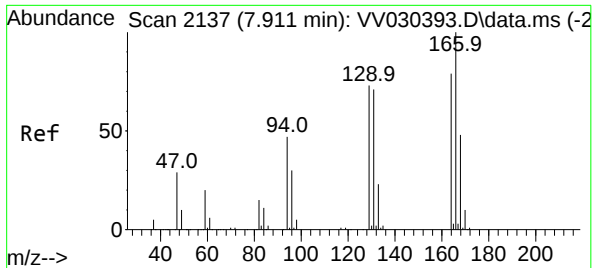
95 100

97 63.1 44.2 82.2

132 101.0 69.5 129.1

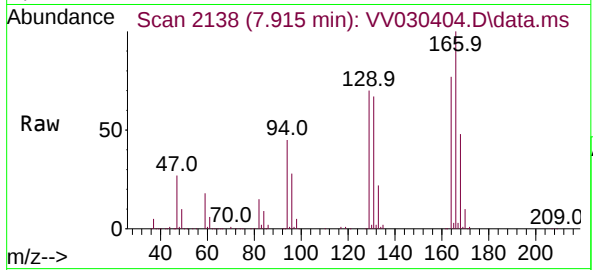
130 104.6 72.2 134.0





#47
 Tetrachloroethene
 Concen: 9.082 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030404.D
 Acq: 05 Apr 2023 16:34

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW0DL



Tgt Ion:	164	Resp:	97050
Ion	Ratio	Lower	Upper
164	100		
129	91.0	60.8	112.8
131	88.2	61.7	114.7
166	130.6	85.6	159.0

