

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041123\
 Data File : VW030505.D
 Acq On : 11 Apr 2023 19:28
 Operator : SY/MD
 Sample : 02250-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD3

Quant Time: Apr 12 05:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 12 05:00:18 2023
 Response via : Initial Calibration

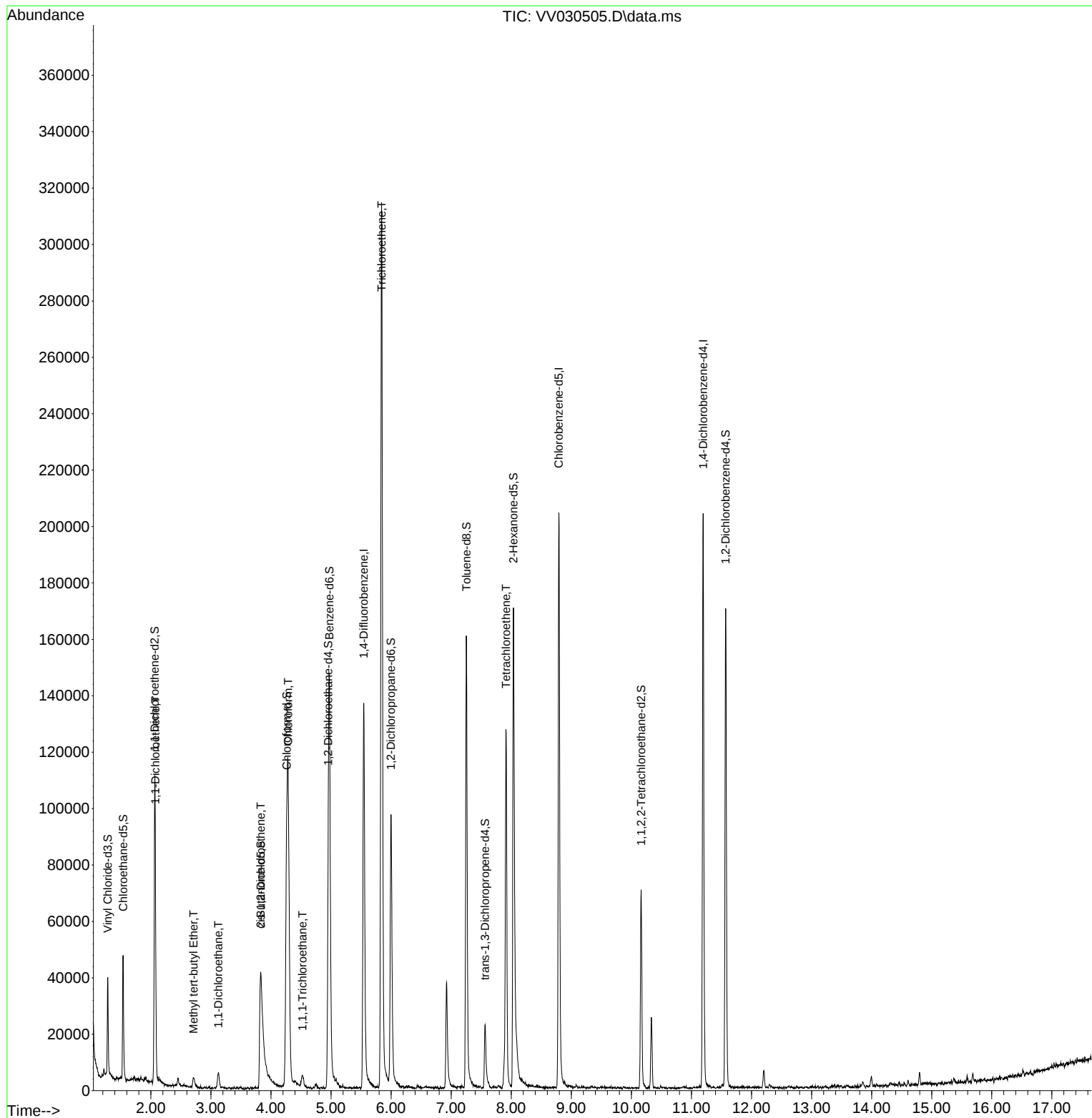
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	116257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	112415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	23326	3.029	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.600%	
7) Chloroethane-d5	1.539	69	27437	3.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.400%	
11) 1,1-Dichloroethene-d2	2.063	63	52012	2.847	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.000%#	
20) 2-Butanone-d5	3.828	46	82409	41.408	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.820%	
24) Chloroform-d	4.262	84	79995	4.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	4.953	65	38748	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
32) Benzene-d6	4.973	84	129008	4.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	5.998	67	43373	4.373	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.252	98	108318	3.723	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.400%	
43) trans-1,3-Dichloroprop...	7.564	79	13708	3.671	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.037	63	63053	42.023	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.040%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32172	4.116	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.400%	
66) 1,2-Dichlorobenzene-d4	11.570	152	45675	4.646	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.076	96	11563	1.190	ug/L #	61
17) Methyl tert-butyl Ether	2.712	73	2873	0.140	ug/L #	91
19) 1,1-Dichloroethane	3.124	63	5317	0.268	ug/L	97
22) cis-1,2-Dichloroethene	3.831	96	4666	0.454	ug/L	87
25) Chloroform	4.288	83	86822	4.331	ug/L	94
29) 1,1,1-Trichloroethane	4.522	97	3366	0.186	ug/L #	85
34) Trichloroethene	5.841	95	108861	10.109	ug/L	99
47) Tetrachloroethene	7.915	164	28384	2.987	ug/L	95

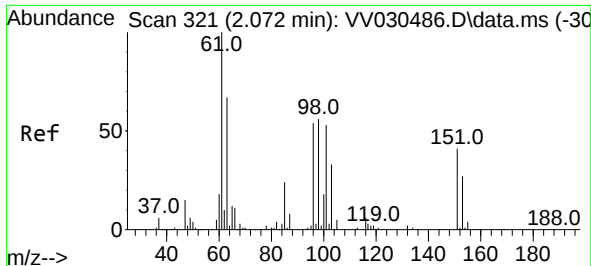
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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Quant Time: Apr 12 05:05:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 12 05:00:18 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.190 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030505.D

Acq: 11 Apr 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

BHDX3

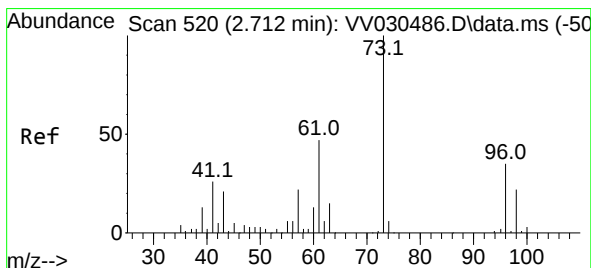
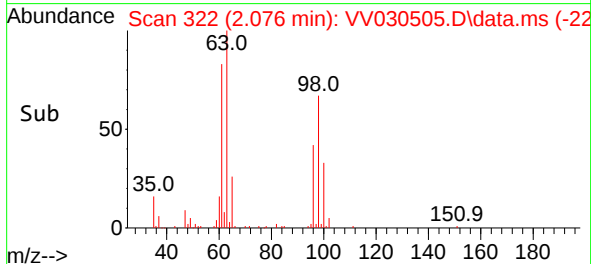
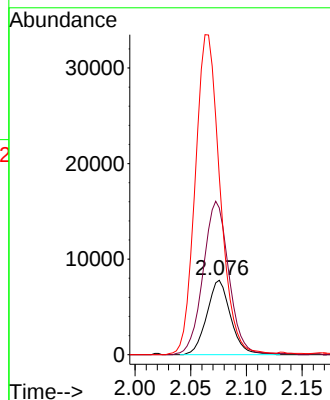
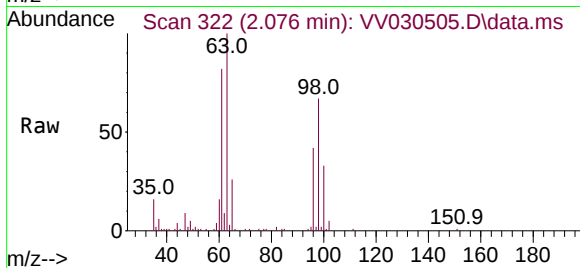
Tgt Ion: 96 Resp: 11563

Ion Ratio Lower Upper

96 100

61 197.6 136.3 253.1

63 240.8 92.1 171.1#



#17

Methyl tert-butyl Ether

Concen: 0.140 ug/L

RT: 2.712 min Scan# 520

Delta R.T. -0.000 min

Lab File: VV030505.D

Acq: 11 Apr 2023 19:28

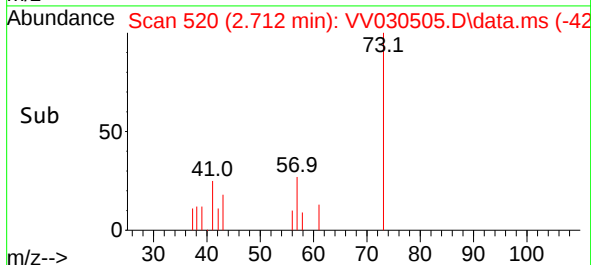
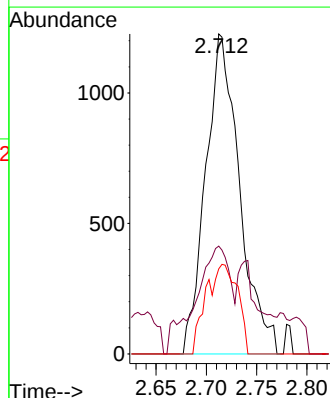
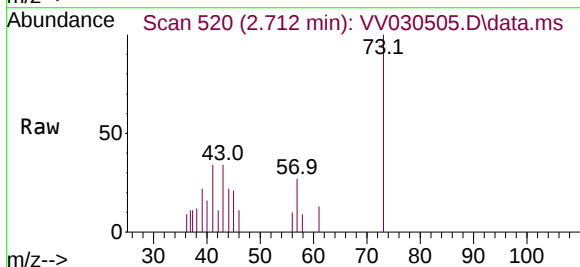
Tgt Ion: 73 Resp: 2873

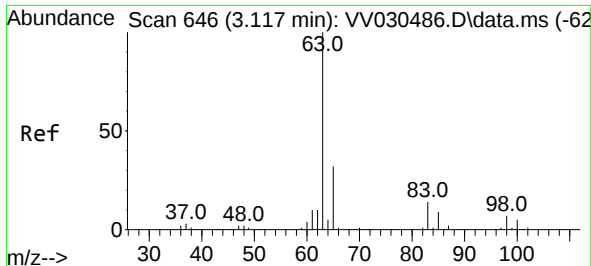
Ion Ratio Lower Upper

73 100

43 25.9 17.4 26.2

57 18.2 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 0.268 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030505.D

Acq: 11 Apr 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

BHDX3

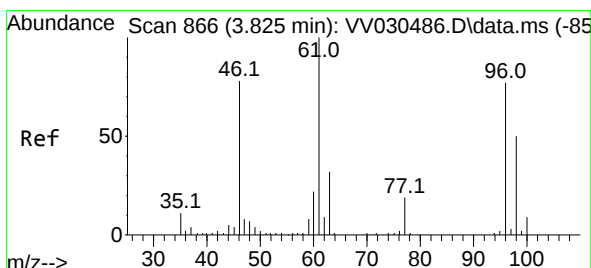
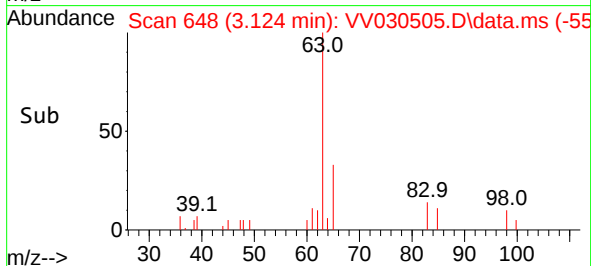
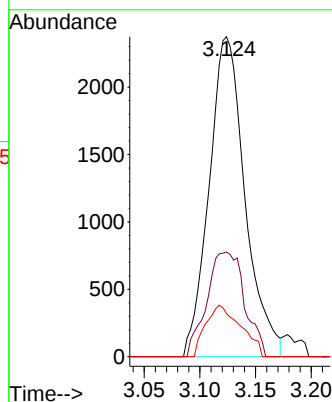
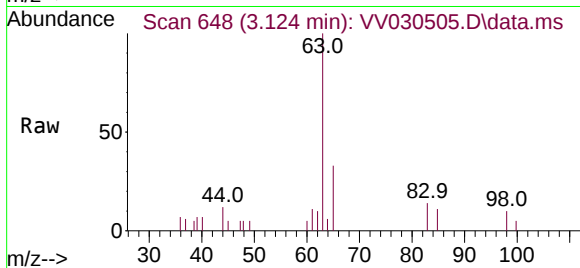
Tgt Ion: 63 Resp: 5317

Ion Ratio Lower Upper

63 100

65 32.7 21.7 40.3

83 13.5 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.454 ug/L

RT: 3.831 min Scan# 868

Delta R.T. 0.006 min

Lab File: VV030505.D

Acq: 11 Apr 2023 19:28

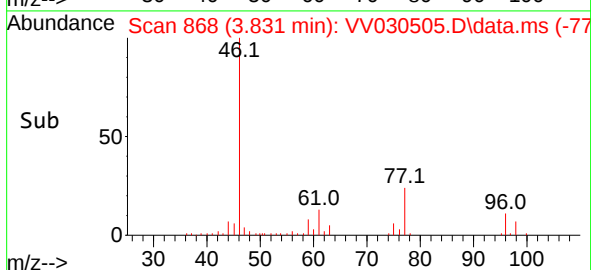
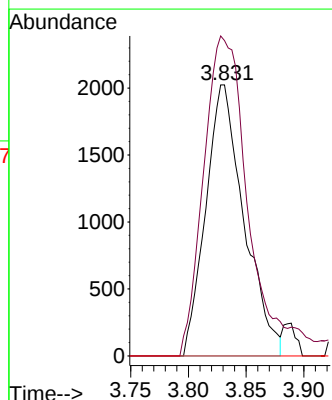
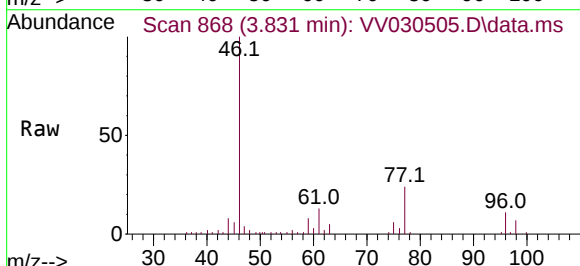
Tgt Ion: 96 Resp: 4666

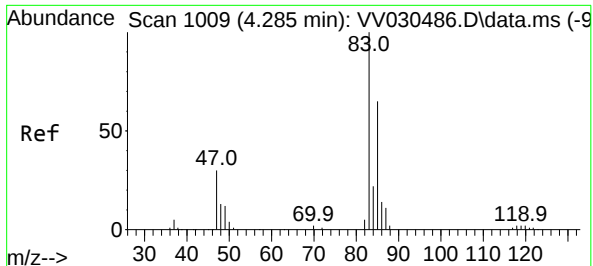
Ion Ratio Lower Upper

96 100

61 116.3 92.0 170.8

68 0.0 0.0 0.0





#25

Chloroform

Concen: 4.331 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV030505.D

Acq: 11 Apr 2023 19:28

Instrument :

MSVOA_V

ClientSampleId :

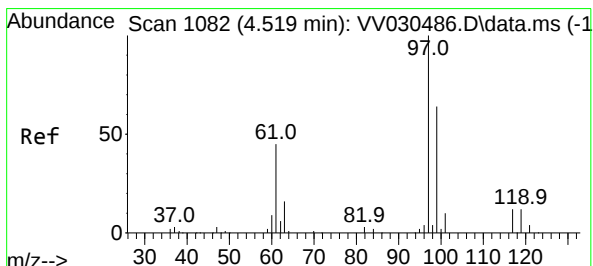
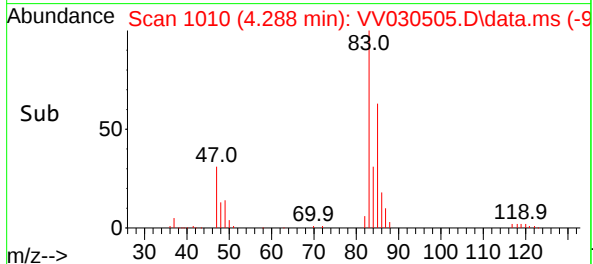
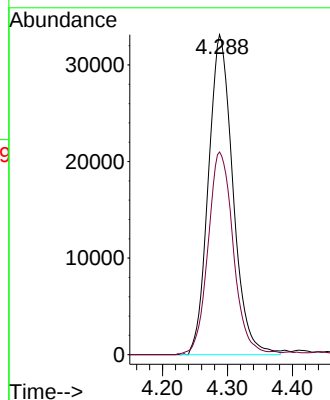
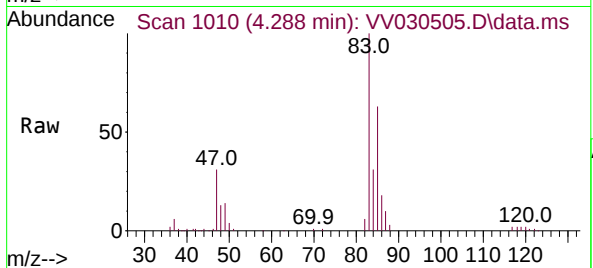
BHDX3

Tgt Ion: 83 Resp: 86822

Ion Ratio Lower Upper

83 100

85 63.4 47.6 88.4



#29

1,1,1-Trichloroethane

Concen: 0.186 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030505.D

Acq: 11 Apr 2023 19:28

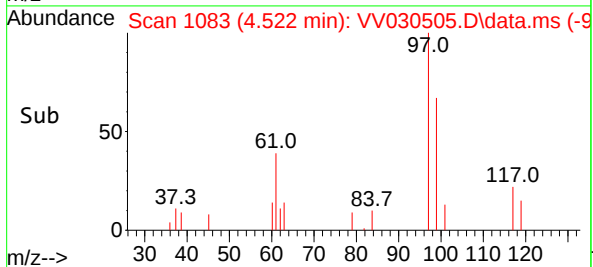
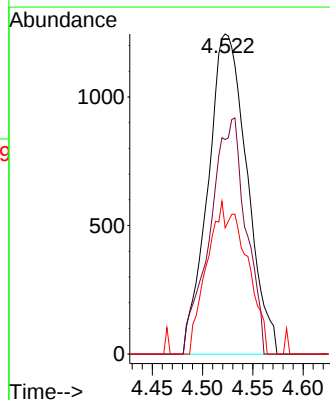
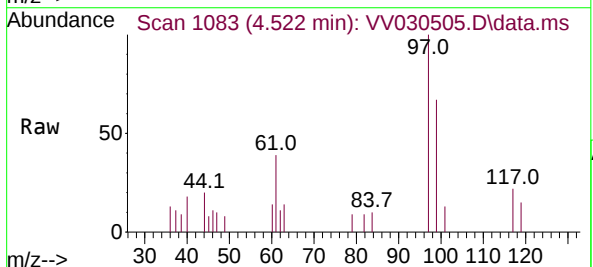
Tgt Ion: 97 Resp: 3366

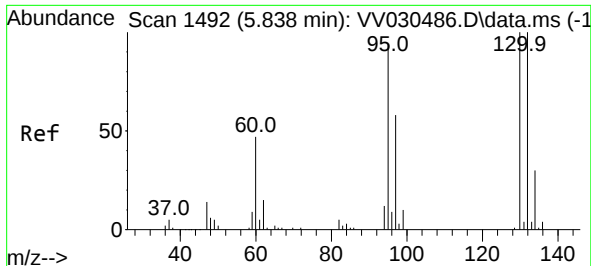
Ion Ratio Lower Upper

97 100

99 68.1 50.9 76.3

61 26.2 35.9 53.9#

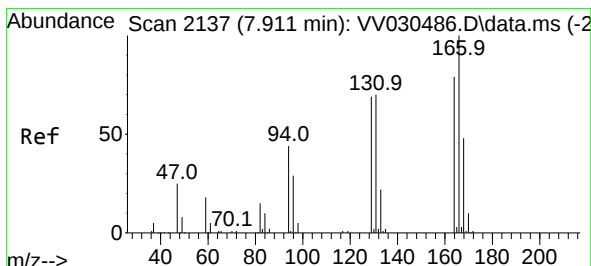
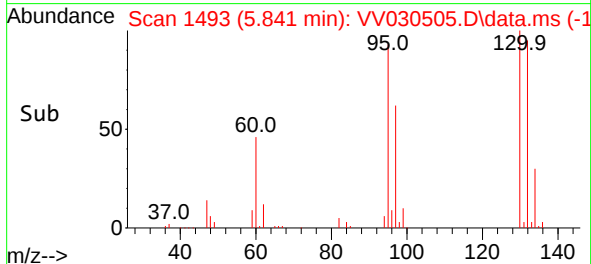
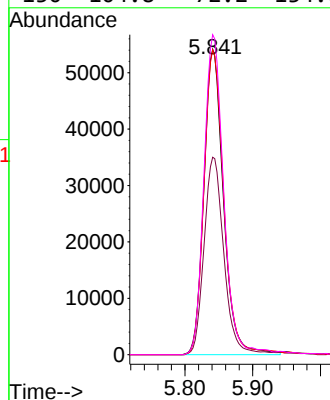
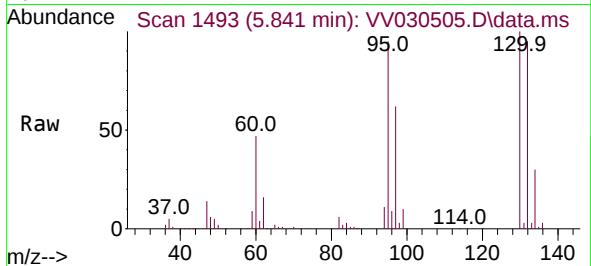




#34
Trichloroethene
Concen: 10.109 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030505.D
Acq: 11 Apr 2023 19:28

Instrument :
MSVOA_V
ClientSampleId :
BHD3

Tgt Ion: 95 Resp: 108861
Ion Ratio Lower Upper
95 100
97 64.7 44.2 82.2
132 99.8 69.5 129.1
130 104.8 72.2 134.0



#47
Tetrachloroethene
Concen: 2.987 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030505.D
Acq: 11 Apr 2023 19:28

Tgt Ion: 164 Resp: 28384
Ion Ratio Lower Upper
164 100
129 91.1 60.8 112.8
131 87.1 61.7 114.7
166 130.7 85.6 159.0

