

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061923\
 Data File : VW031592.D
 Acq On : 19 Jun 2023 10:41
 Operator : SY/MD
 Sample : 03249-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT5

Quant Time: Jun 20 01:55:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

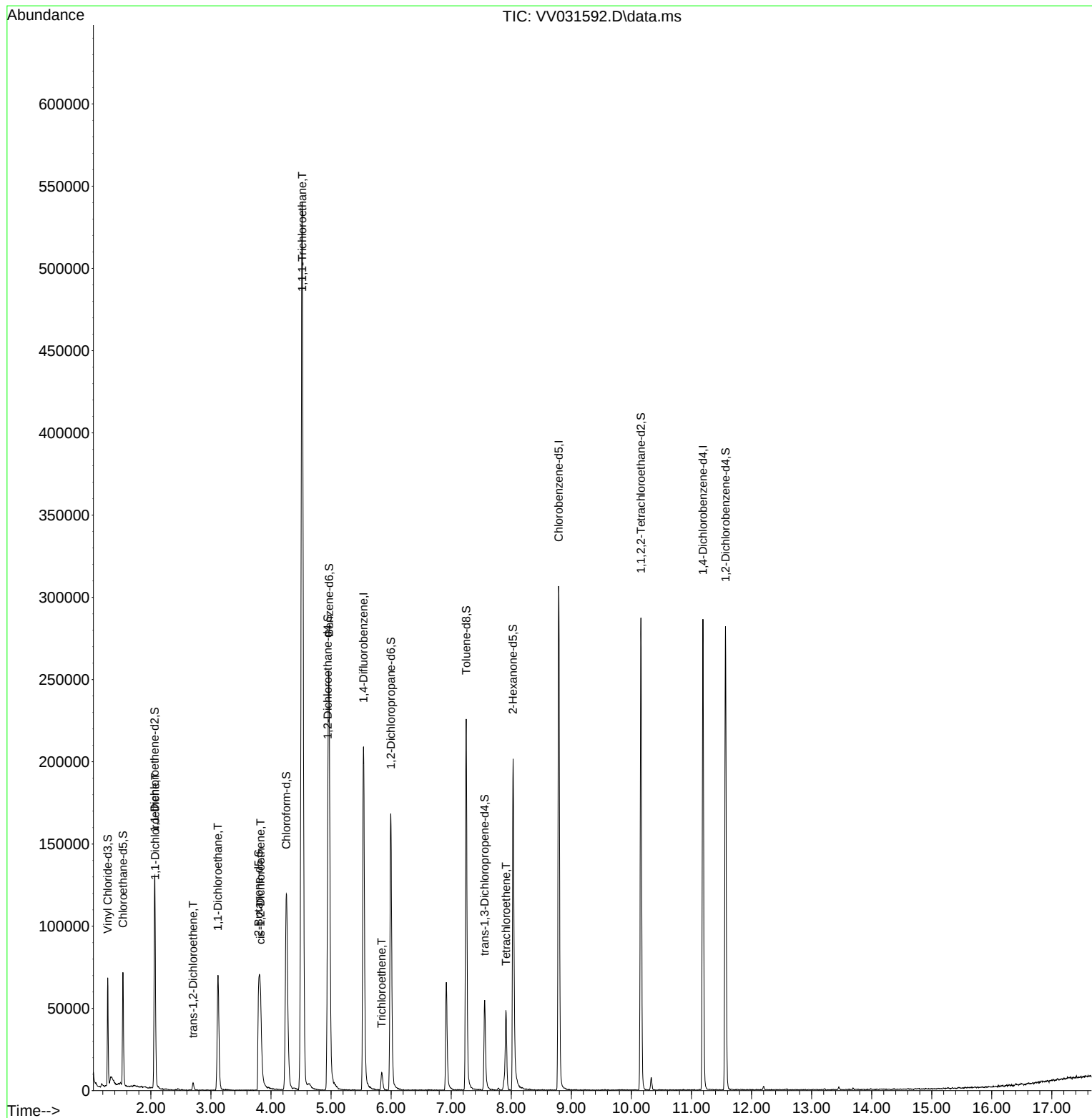
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	174358	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	170175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	73324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43025	37.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.160%
7) Chloroethane-d5	1.535	69	47145	46.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	2.063	65	20341	34.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.020%
21) 2-Butanone-d5	3.796	46	99319	105.702	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.700%
24) Chloroform-d	4.256	84	134784	46.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	4.947	65	95573	52.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.120%
32) Benzene-d6	4.966	84	214090	44.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
36) 1,2-Dichloropropane-d6	5.995	67	84180	49.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	7.249	98	152478	34.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.380%#
43) trans-1,3-Dichloroprop...	7.558	79	31238	37.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.480%
47) 2-Hexanone-d5	8.030	63	67461	100.639	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.640%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136883	53.416	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	11.567	152	71585	51.217	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						
12) 1,1-Dichloroethene	2.072	96	7199	5.580	ug/L	# 1
17) trans-1,2-Dichloroethene	2.703	96	1614	1.199	ug/L	87
19) 1,1-Dichloroethane	3.117	63	71462	24.587	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	20560	14.127	ug/L	95
30) 1,1,1-Trichloroethane	4.519	97	468536	171.725	ug/L	99
34) Trichloroethene	5.844	95	3511	2.319	ug/L	85
46) Tetrachloroethene	7.911	164	11197	9.423	ug/L	92

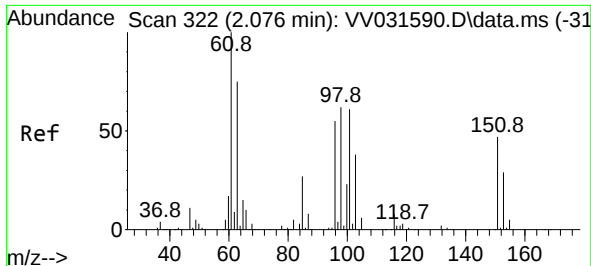
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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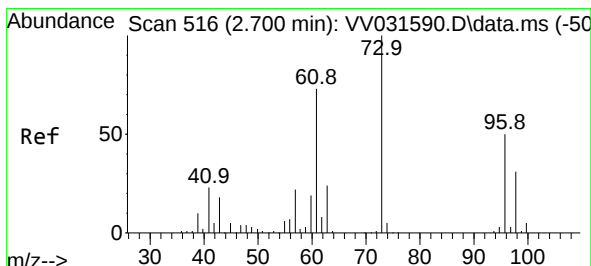
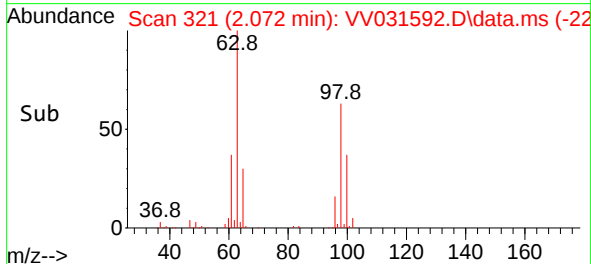
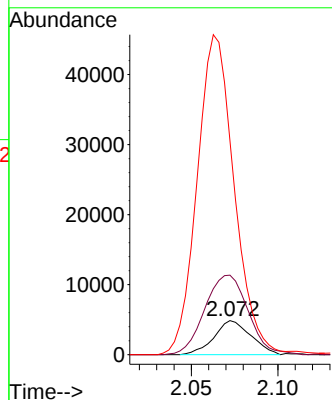
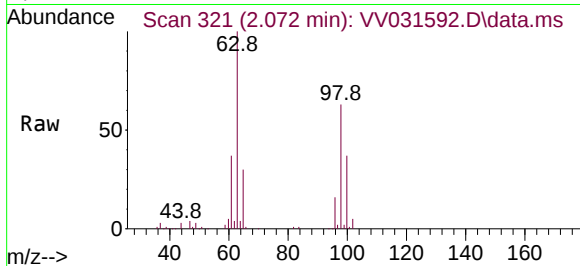




#12
1,1-Dichloroethene
Concen: 5.580 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

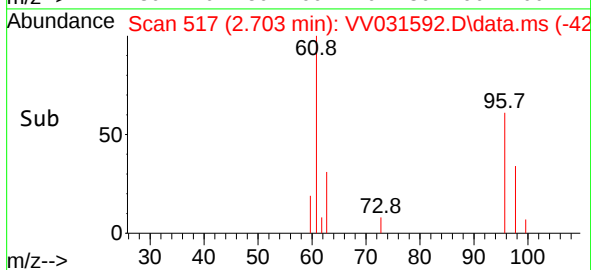
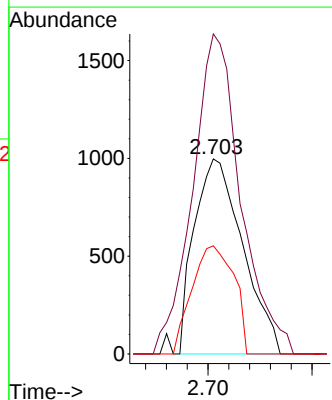
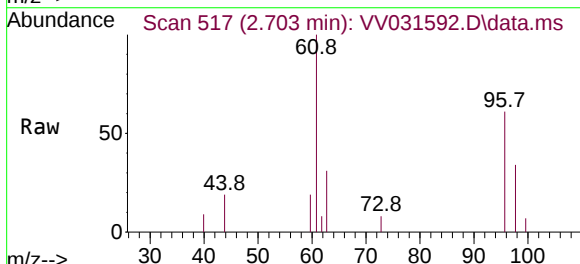
Instrument :
MSVOA_V
ClientSampleId :
EXYT5

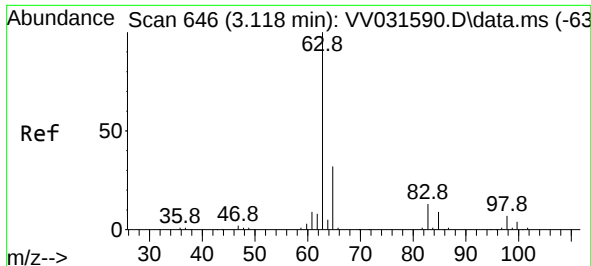
Tgt Ion: 96 Resp: 7199
Ion Ratio Lower Upper
96 100
61 211.9 128.9 239.5
63 570.1 95.3 177.1#



#17
trans-1,2-Dichloroethene
Concen: 1.199 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

Tgt Ion: 96 Resp: 1614
Ion Ratio Lower Upper
96 100
61 164.1 102.5 190.3
98 55.5 44.1 81.9





#19

1,1-Dichloroethane

Concen: 24.587 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031592.D

Acq: 19 Jun 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :

EXYT5

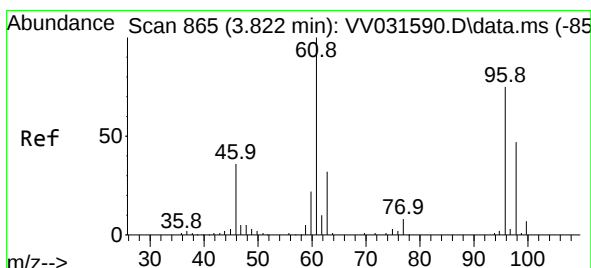
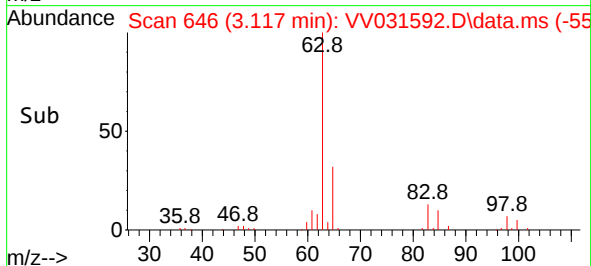
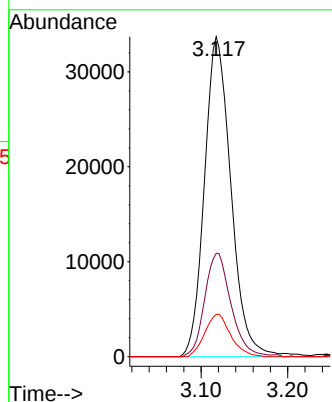
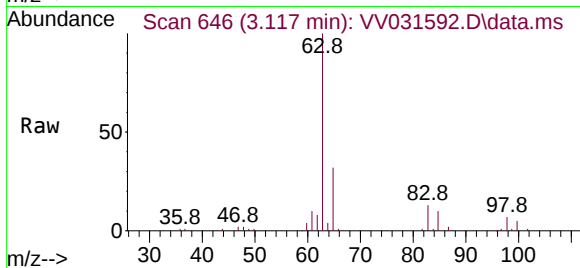
Tgt Ion: 63 Resp: 71462

Ion Ratio Lower Upper

63 100

65 32.3 22.5 41.7

83 13.2 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 14.127 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV031592.D

Acq: 19 Jun 2023 10:41

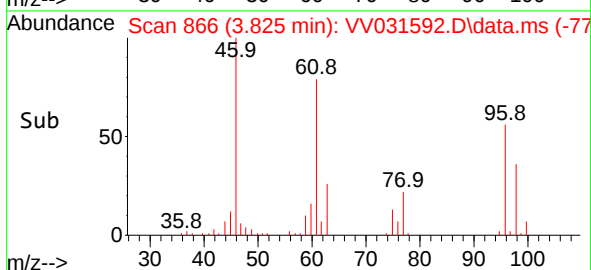
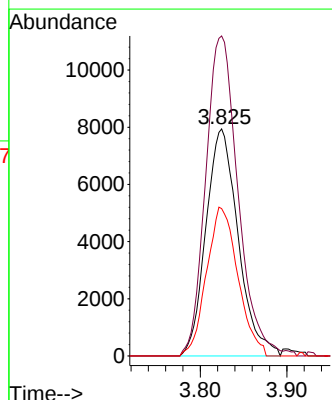
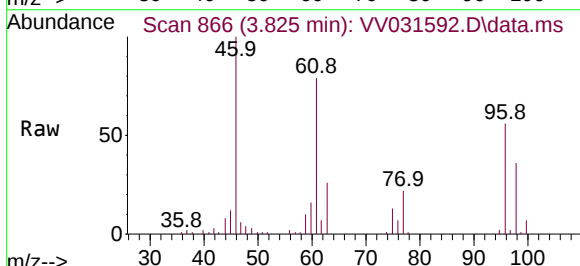
Tgt Ion: 96 Resp: 20560

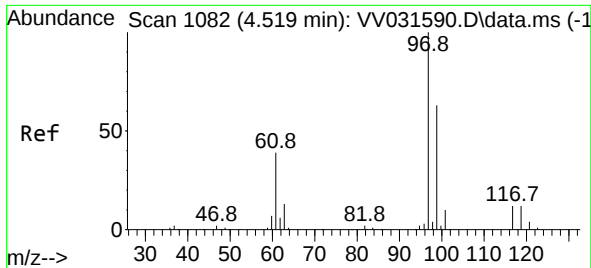
Ion Ratio Lower Upper

96 100

61 149.3 98.6 183.0

98 64.4 45.7 84.9

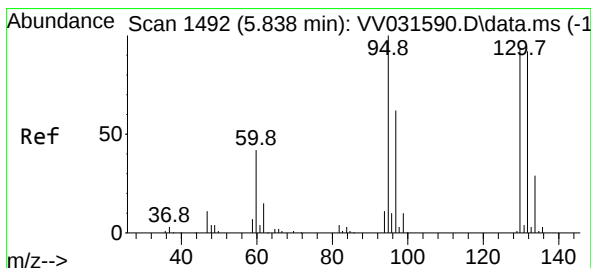
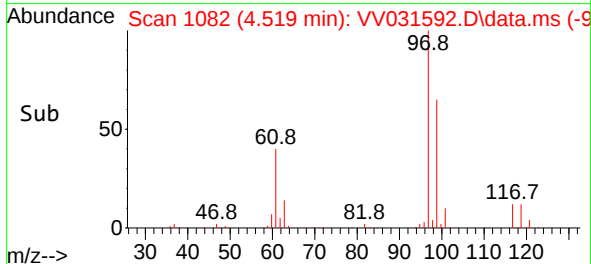
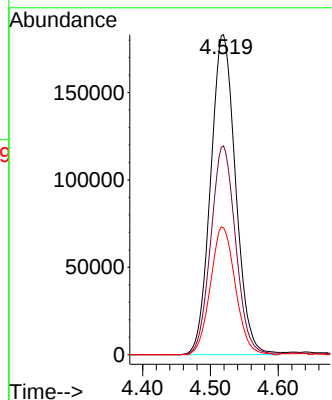
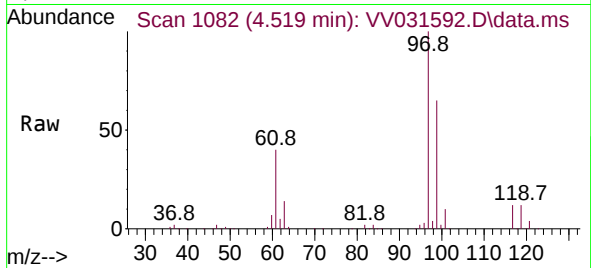




#30
1,1,1-Trichloroethane
Concen: 171.725 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.000 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

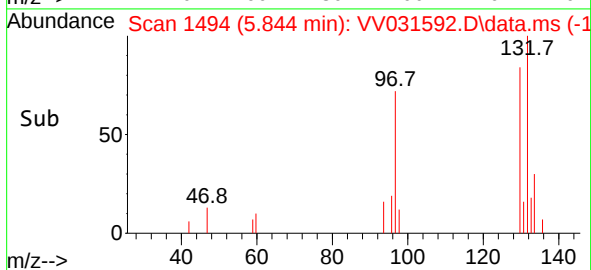
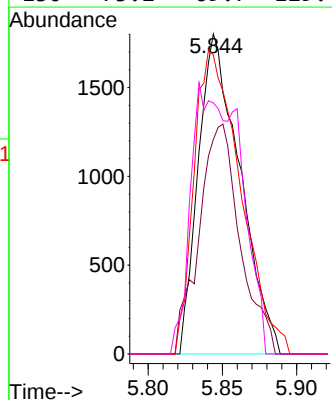
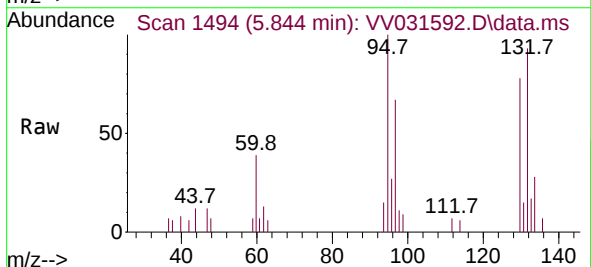
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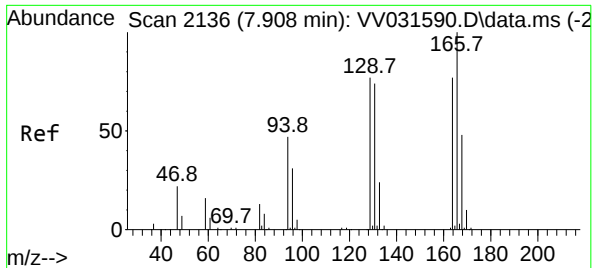
Tgt Ion:	97	Resp:	468536
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.6
61	39.9	33.0	49.6



#34
Trichloroethene
Concen: 2.319 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VV031592.D
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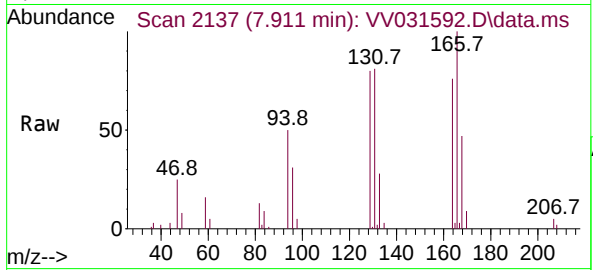
Tgt Ion:	95	Resp:	3511
Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.8	86.8
132	86.8	66.4	123.2
130	73.2	69.7	129.4





#46
Tetrachloroethene
Concen: 9.423 ug/L
RT: 7.911 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

Instrument :
MSVOA_V
ClientSampleId :
EXYT5



Tgt Ion:	164	Resp:	11197
Ion	Ratio	Lower	Upper
164	100		
129	107.0	68.4	127.0
131	106.9	67.6	125.6
166	135.3	91.3	169.5

