

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023269.D
 Acq On : 06 Nov 2021 06:00
 Operator : SY/MD
 Sample : M4545-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4612

Quant Time: Nov 09 05:02:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

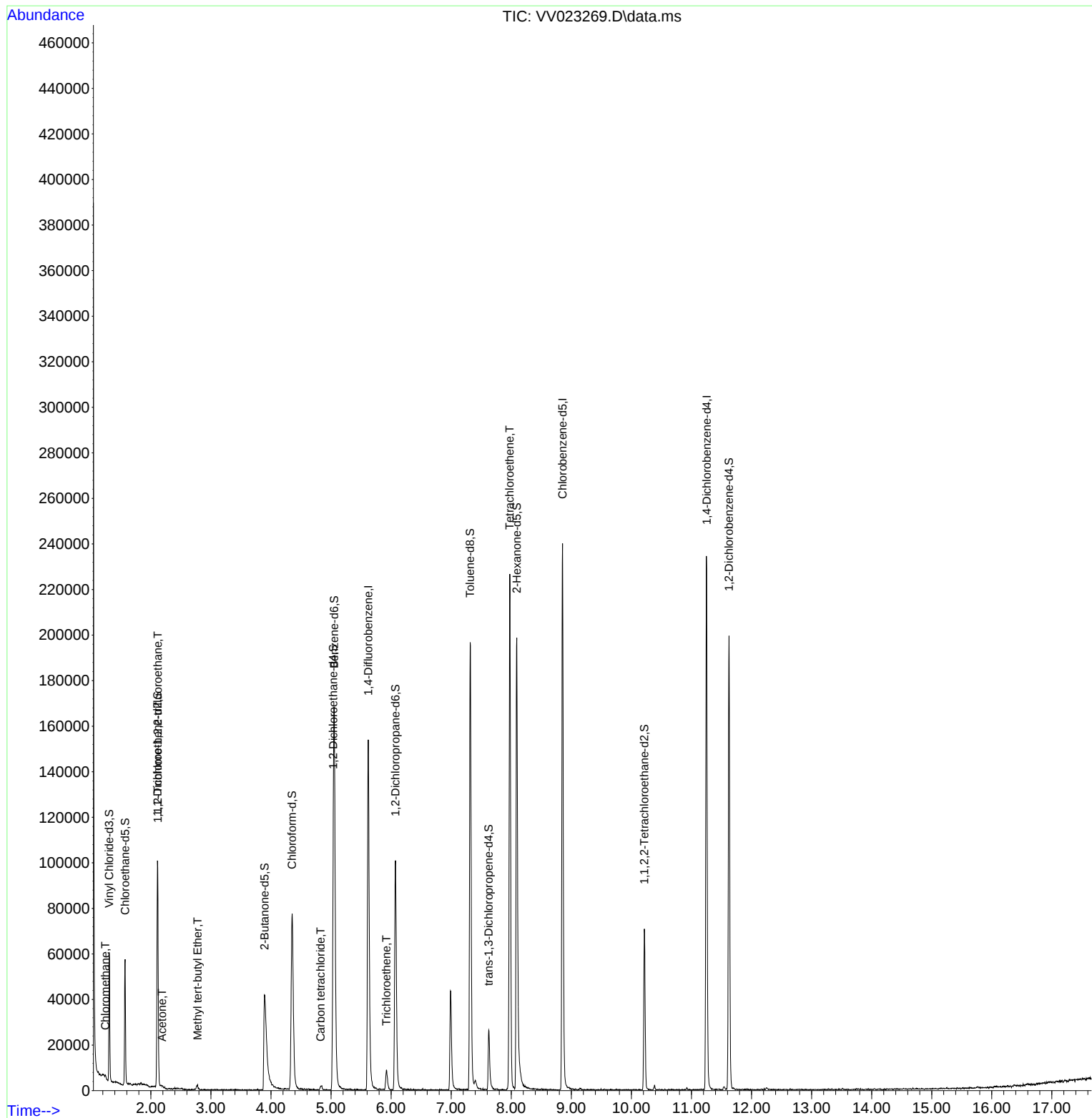
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136739	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35799	4.179	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.571	69	32243	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.111	63	51746	3.227	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.892	46	86090	58.335	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.660%	
24) Chloroform-d	4.352	84	81166	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.037	65	39141	4.768	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.053	84	154589	4.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.072	67	46777	4.598	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.317	98	133115	4.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16105	4.175	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.091	63	64662	45.563	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.120%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32740	4.475	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51941	4.924	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
3) Chloromethane	1.243	50	809	0.071	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1008	0.118	ug/L #	57
13) Acetone	2.185	43	2608	2.892	ug/L	89
17) Methyl tert-butyl Ether	2.777	73	1807	0.101	ug/L #	93
31) Carbon tetrachloride	4.828	117	1413	0.096	ug/L	85
34) Trichloroethene	5.921	95	2939	0.294	ug/L	89
47) Tetrachloroethene	7.976	164	49832	5.744	ug/L	98

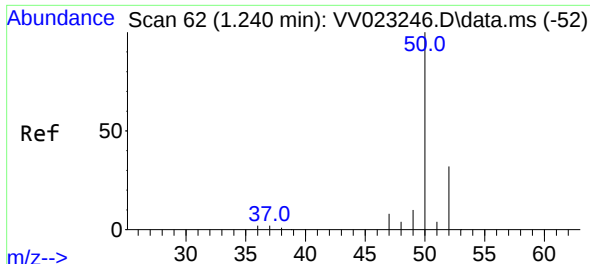
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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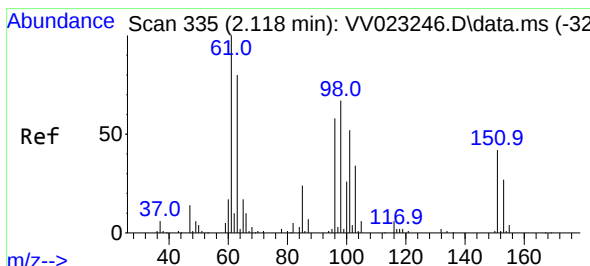
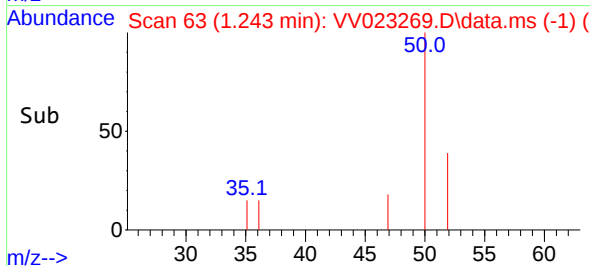
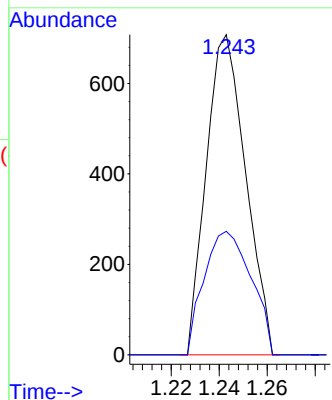
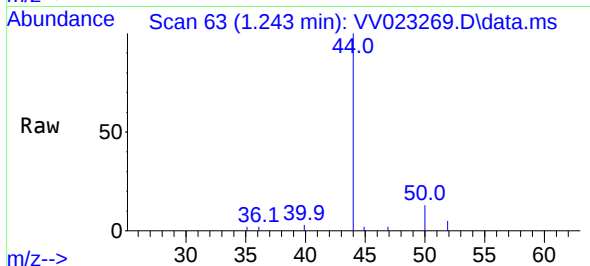




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

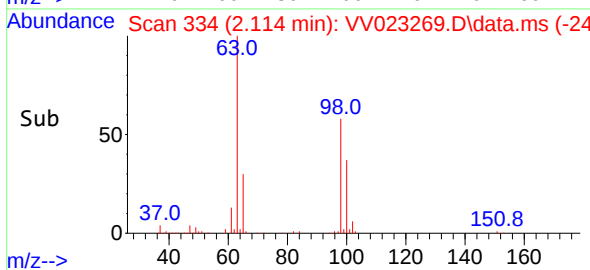
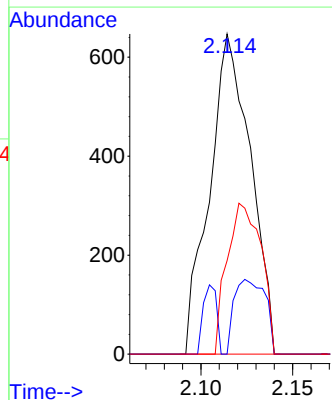
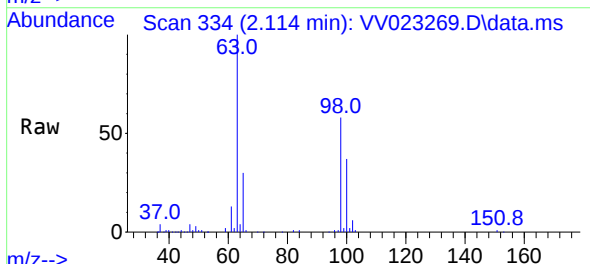
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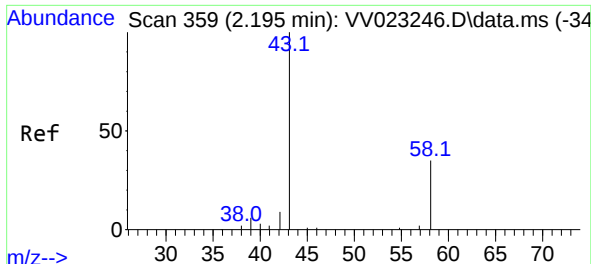
Tgt Ion: 50 Resp: 809
Ion Ratio Lower Upper
50 100
52 38.6 24.3 45.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.118 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

Tgt Ion: 101 Resp: 1008
Ion Ratio Lower Upper
101 100
85 17.6 35.3 52.9#
151 39.1 62.2 93.2#

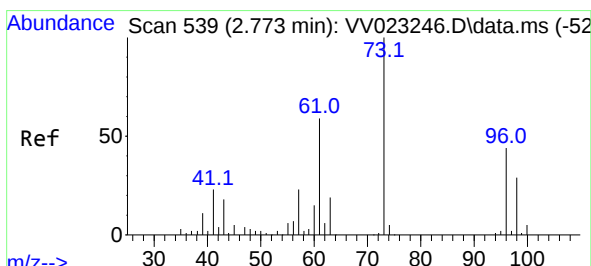
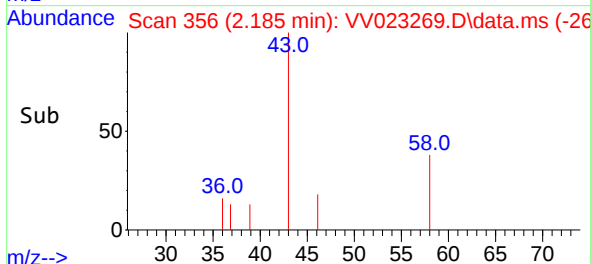
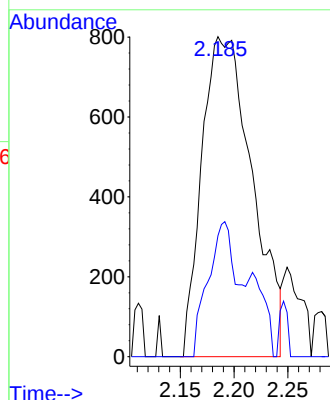
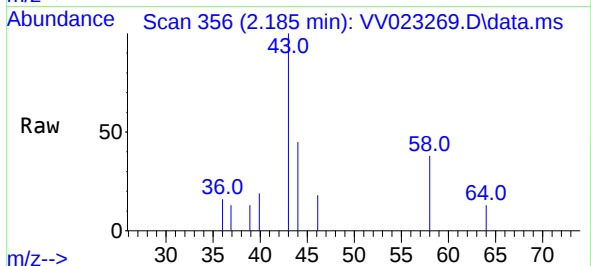




#13
Acetone
Concen: 2.892 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

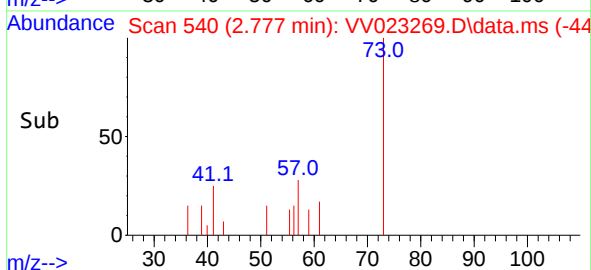
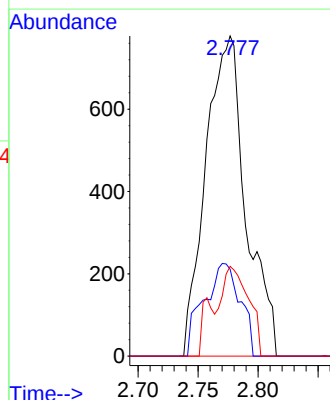
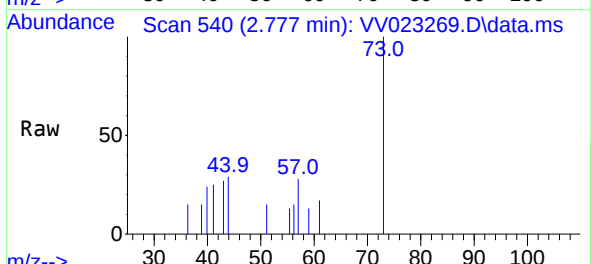
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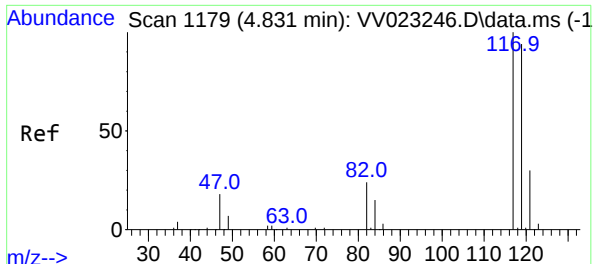
Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
58 21.7 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 0.101 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

Tgt Ion: 73 Resp: 1807
Ion Ratio Lower Upper
73 100
43 26.2 17.4 26.0#
57 19.0 16.5 24.7

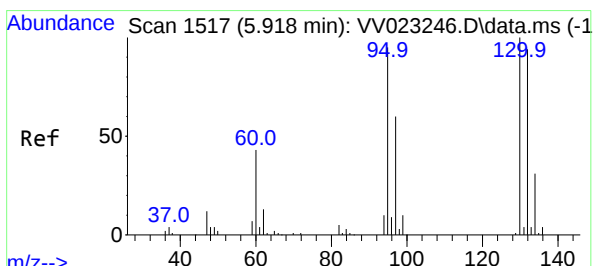
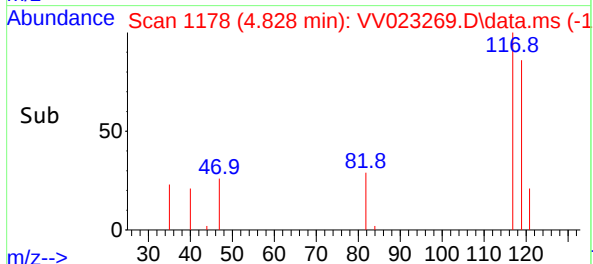
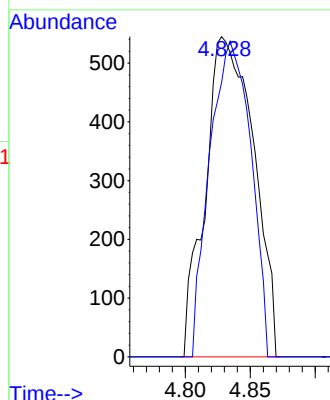
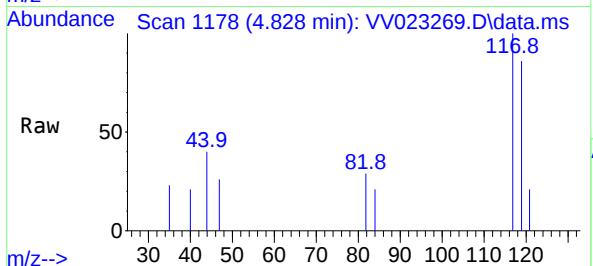




#31
Carbon tetrachloride
Concen: 0.096 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

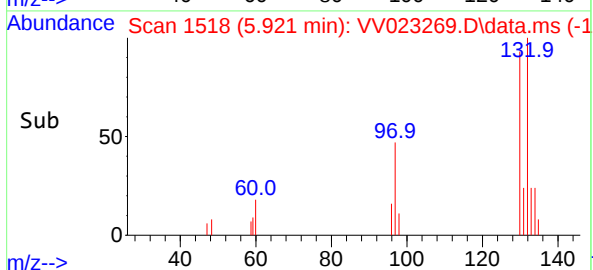
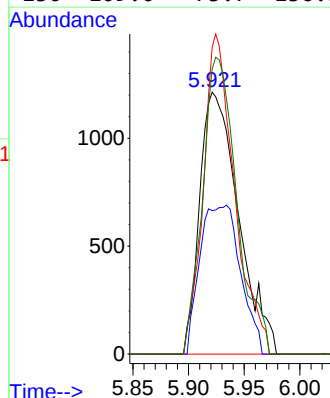
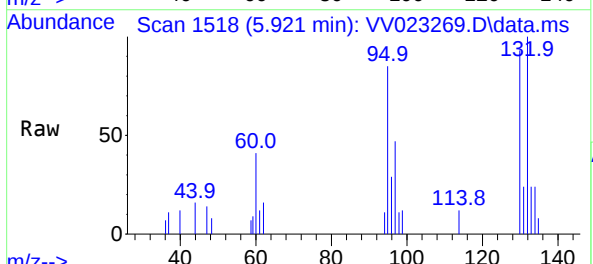
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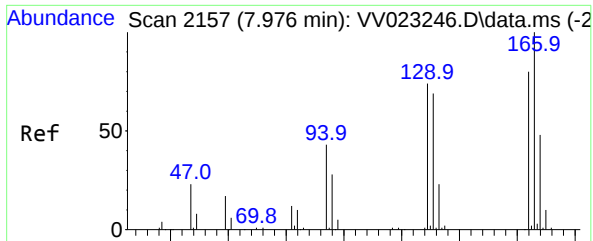
Tgt Ion:117 Resp: 1413
Ion Ratio Lower Upper
117 100
119 83.7 78.8 118.2



#34
Trichloroethene
Concen: 0.294 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

Tgt Ion: 95 Resp: 2939
Ion Ratio Lower Upper
95 100
97 54.8 45.0 83.6
132 117.3 69.7 129.4
130 109.0 73.7 136.9





#47
 Tetrachloroethene
 Concen: 5.744 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023269.D
 Acq: 06 Nov 2021 06:00

Instrument :
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Tgt Ion:164 Resp: 49832

Ion	Ratio	Lower	Upper
164	100		
129	90.4	64.0	119.0
131	87.0	63.4	117.8
166	126.5	89.3	165.9

