

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028165.D
 Acq On : 28 Sep 2022 17:40
 Operator : SY/MD
 Sample : N4871-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H58

Quant Time: Sep 29 01:30:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

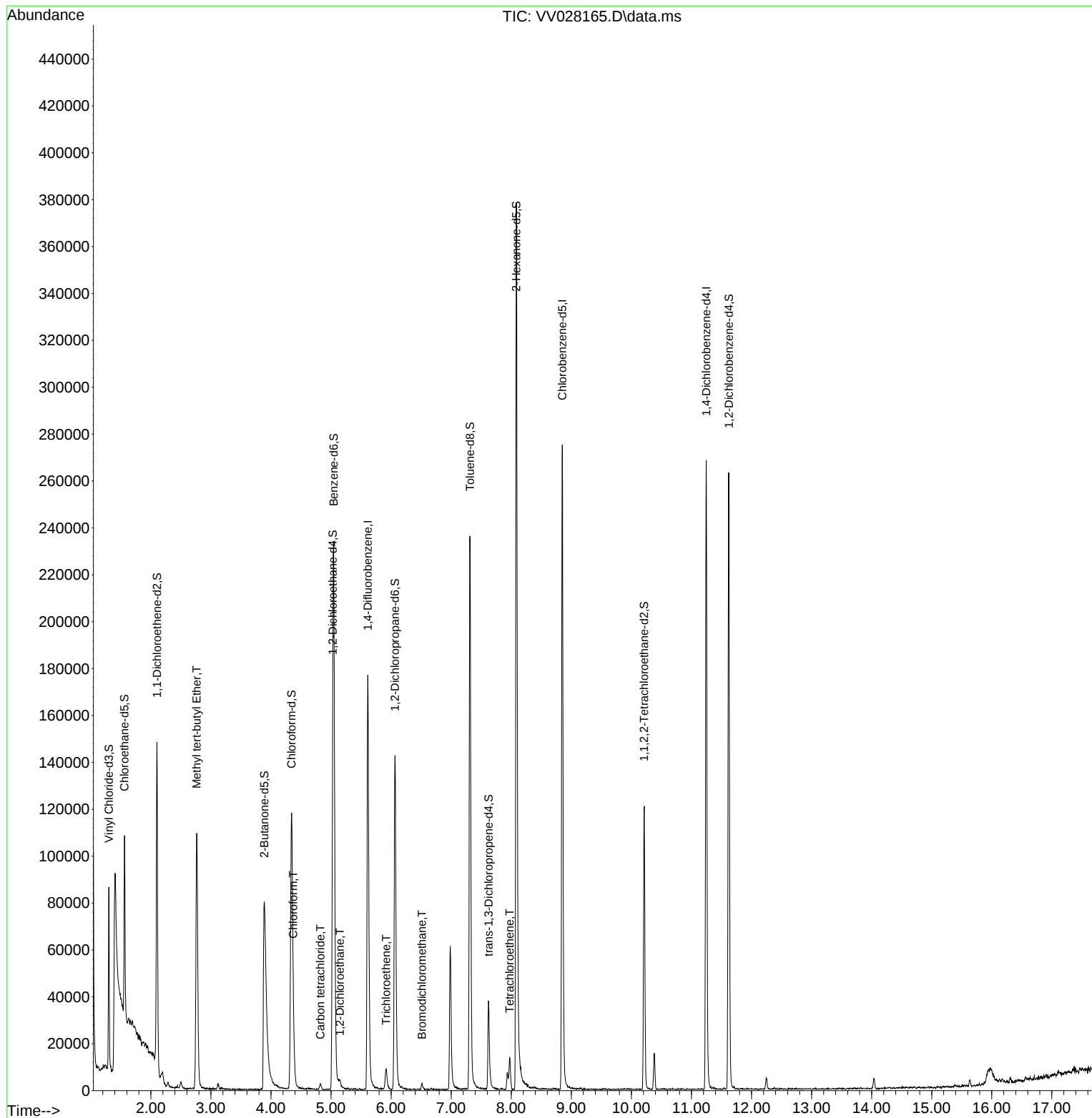
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	161132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160900	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	47753	2.859	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	57.200%	
7) Chloroethane-d5	1.561	69	50633	3.812	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.200%	
11) 1,1-Dichloroethene-d2	2.101	63	69165	2.387	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.800%#	
20) 2-Butanone-d5	3.889	46	166284	58.961	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.920%	
24) Chloroform-d	4.342	84	124188	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.027	65	61009	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.043	84	214952	4.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.066	67	72359	4.399	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.313	98	168385	3.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	7.622	79	23050	3.880	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.600%	
46) 2-Hexanone-d5	8.085	63	138370	55.803	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.600%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59303	5.275	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	73504	4.880	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
17) Methyl tert-butyl Ether	2.764	73	111070	4.637	ug/L	98
25) Chloroform	4.371	83	19672	0.862	ug/L	94
27) 1,2-Dichloroethane	5.146	62	2829	0.233	ug/L #	92
31) Carbon tetrachloride	4.821	117	1710	0.105	ug/L	98
34) Trichloroethene	5.915	95	3104	0.279	ug/L	96
38) Bromodichloromethane	6.513	83	1778	0.115	ug/L #	92
47) Tetrachloroethene	7.972	164	3318	0.374	ug/L	95

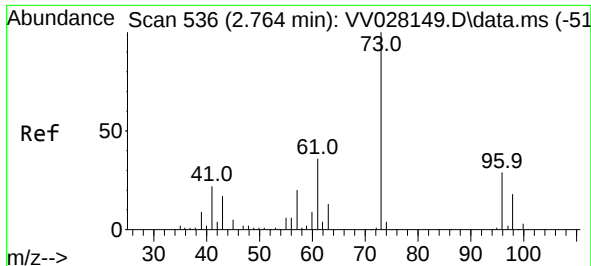
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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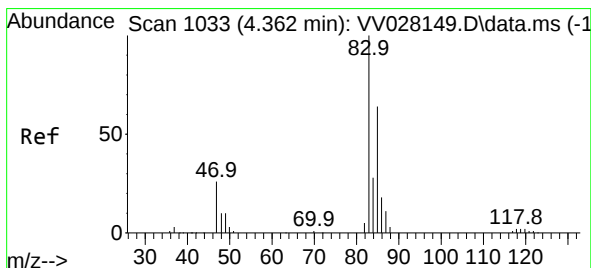
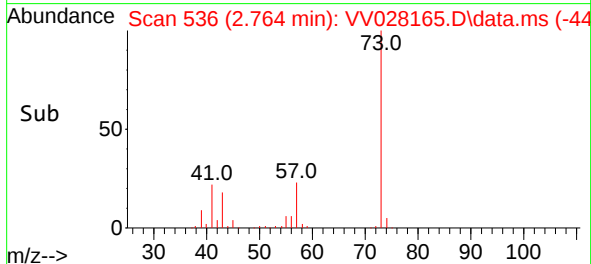
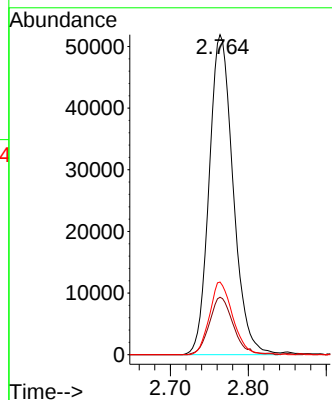
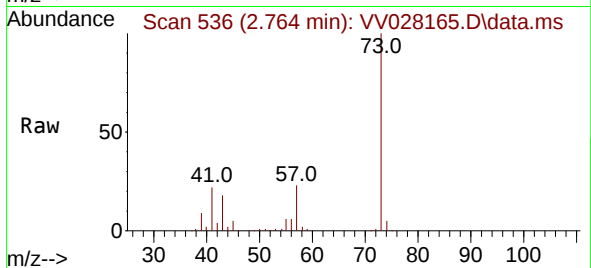




#17
Methyl tert-butyl Ether
Concen: 4.637 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028165.D
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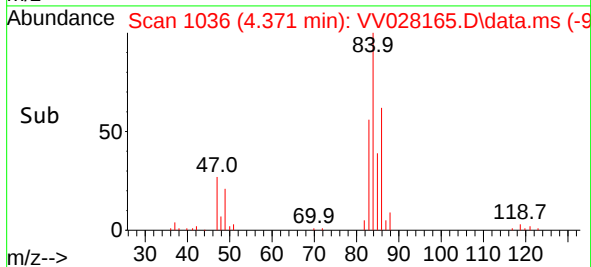
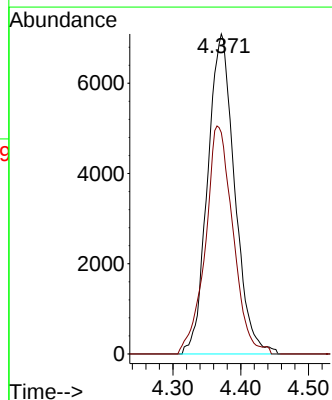
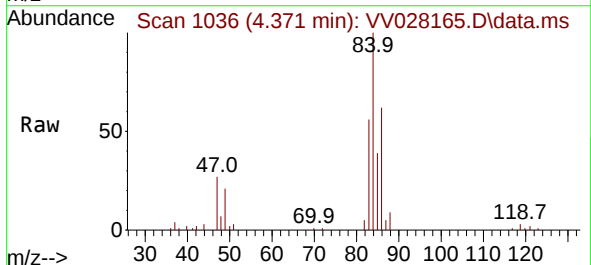
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MSVOA_V
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F5H58

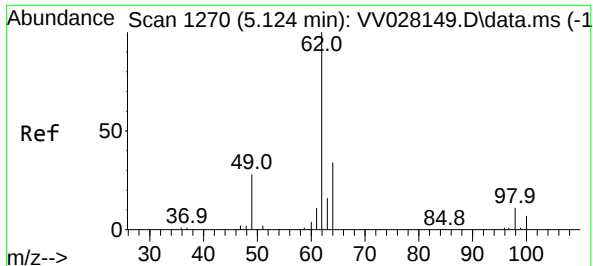
Tgt Ion: 73 Resp: 111070
Ion Ratio Lower Upper
73 100
43 17.8 15.7 23.5
57 21.9 17.8 26.8



#25
Chloroform
Concen: 0.862 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

Tgt Ion: 83 Resp: 19672
Ion Ratio Lower Upper
83 100
85 69.2 45.1 83.7





#27

1,2-Dichloroethane

Concen: 0.233 ug/L

RT: 5.146 min Scan# 1176

Delta R.T. 0.022 min

Lab File: VV028165.D

Acq: 28 Sep 2022 17:40

Instrument :

MSVOA_V

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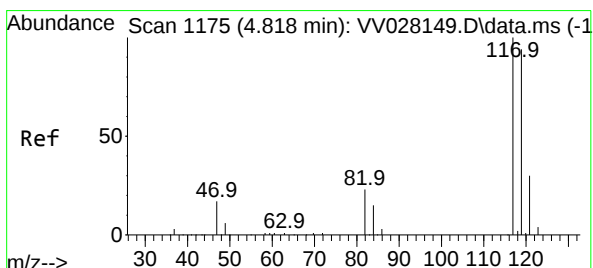
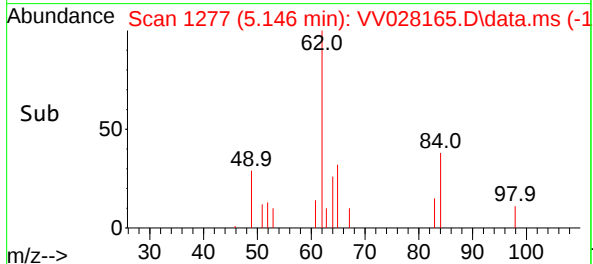
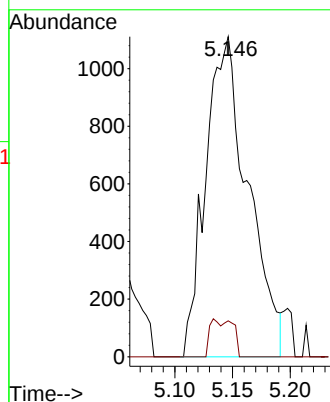
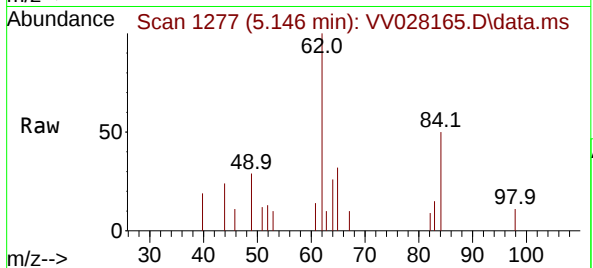
F5H58

Tgt Ion: 62 Resp: 2829

Ion Ratio Lower Upper

62 100

98 11.3 6.7 10.1#



#31

Carbon tetrachloride

Concen: 0.105 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VV028165.D

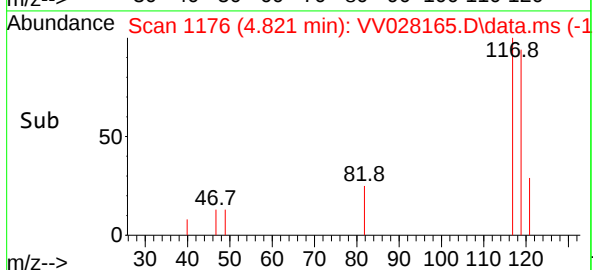
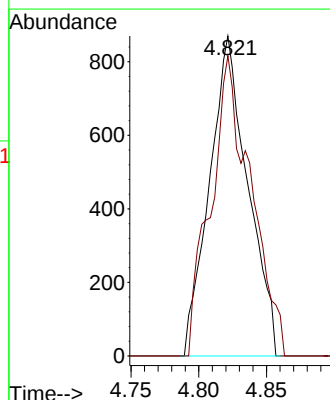
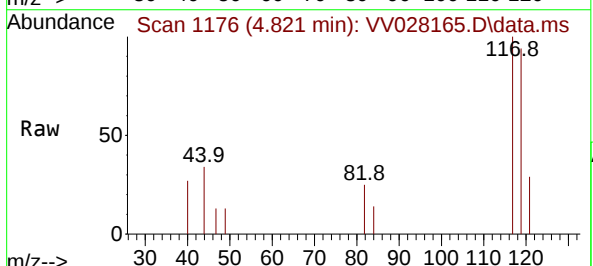
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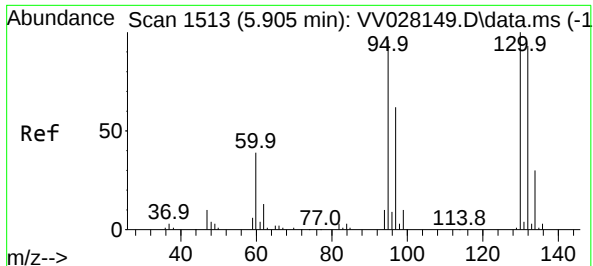
Tgt Ion: 117 Resp: 1710

Ion Ratio Lower Upper

117 100

119 98.5 76.9 115.3



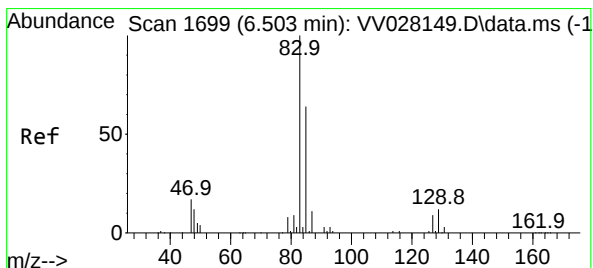
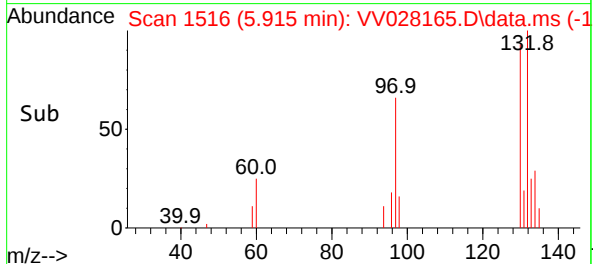
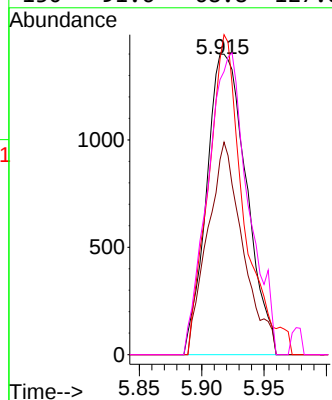
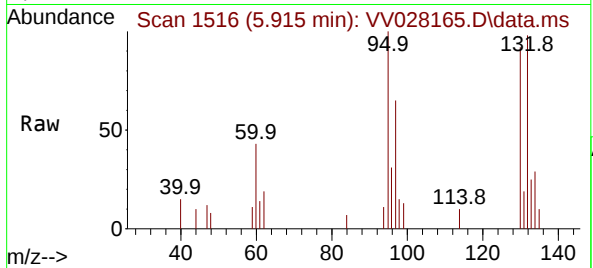


#34
 Trichloroethene
 Concen: 0.279 ug/L
 RT: 5.915 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV028165.D
 Acq: 28 Sep 2022 17:40

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Tgt Ion: 95 Resp: 3104

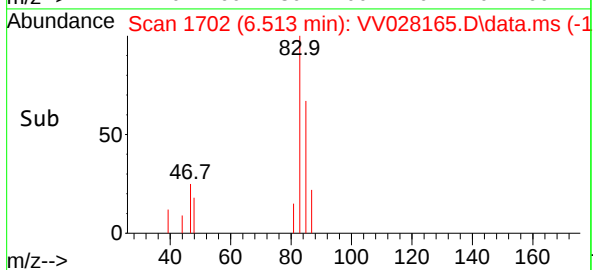
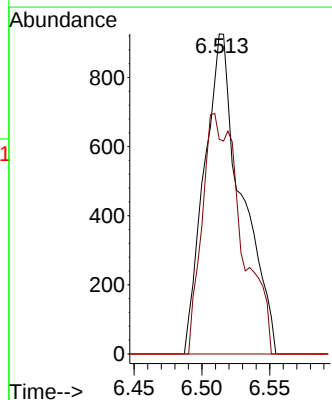
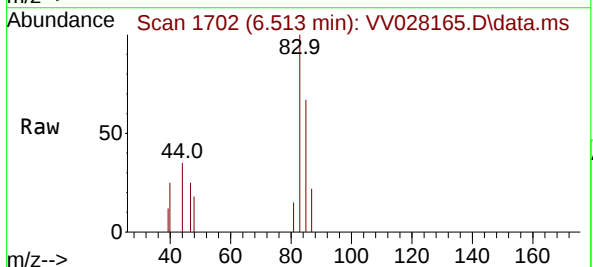
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.2	82.0
132	98.4	67.8	126.0
130	91.6	68.8	127.8

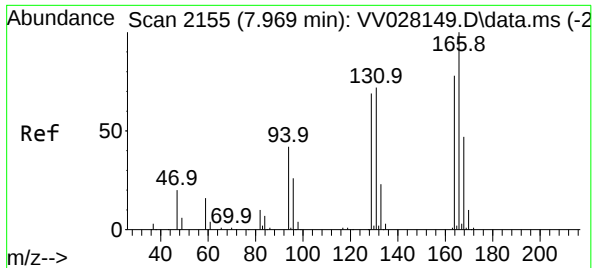


#38
 Bromodichloromethane
 Concen: 0.115 ug/L
 RT: 6.513 min Scan# 1702
 Delta R.T. 0.010 min
 Lab File: VV028165.D
 Acq: 28 Sep 2022 17:40

Tgt Ion: 83 Resp: 1778

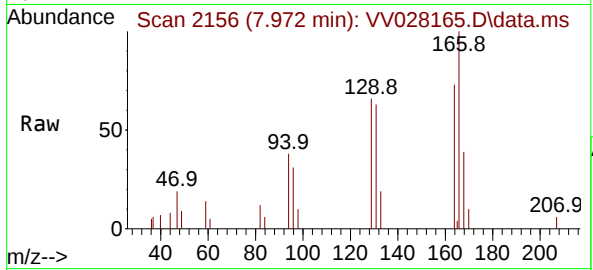
Ion	Ratio	Lower	Upper
83	100		
85	67.1	43.8	81.4
127	0.0	6.3	9.5





#47
 Tetrachloroethene
 Concen: 0.374 ug/L
 RT: 7.972 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV028165.D
 Acq: 28 Sep 2022 17:40

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H58



Tgt Ion:	164	Resp:	3318
Ion	Ratio	Lower	Upper
164	100		
129	89.9	66.7	123.9
131	85.8	61.7	114.5
166	136.2	90.9	168.9

