

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052621\
 Data File : VV021428.D
 Acq On : 26 May 2021 16:11
 Operator : SY/MD
 Sample : M2528-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YARK5

Quant Time: May 27 02:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

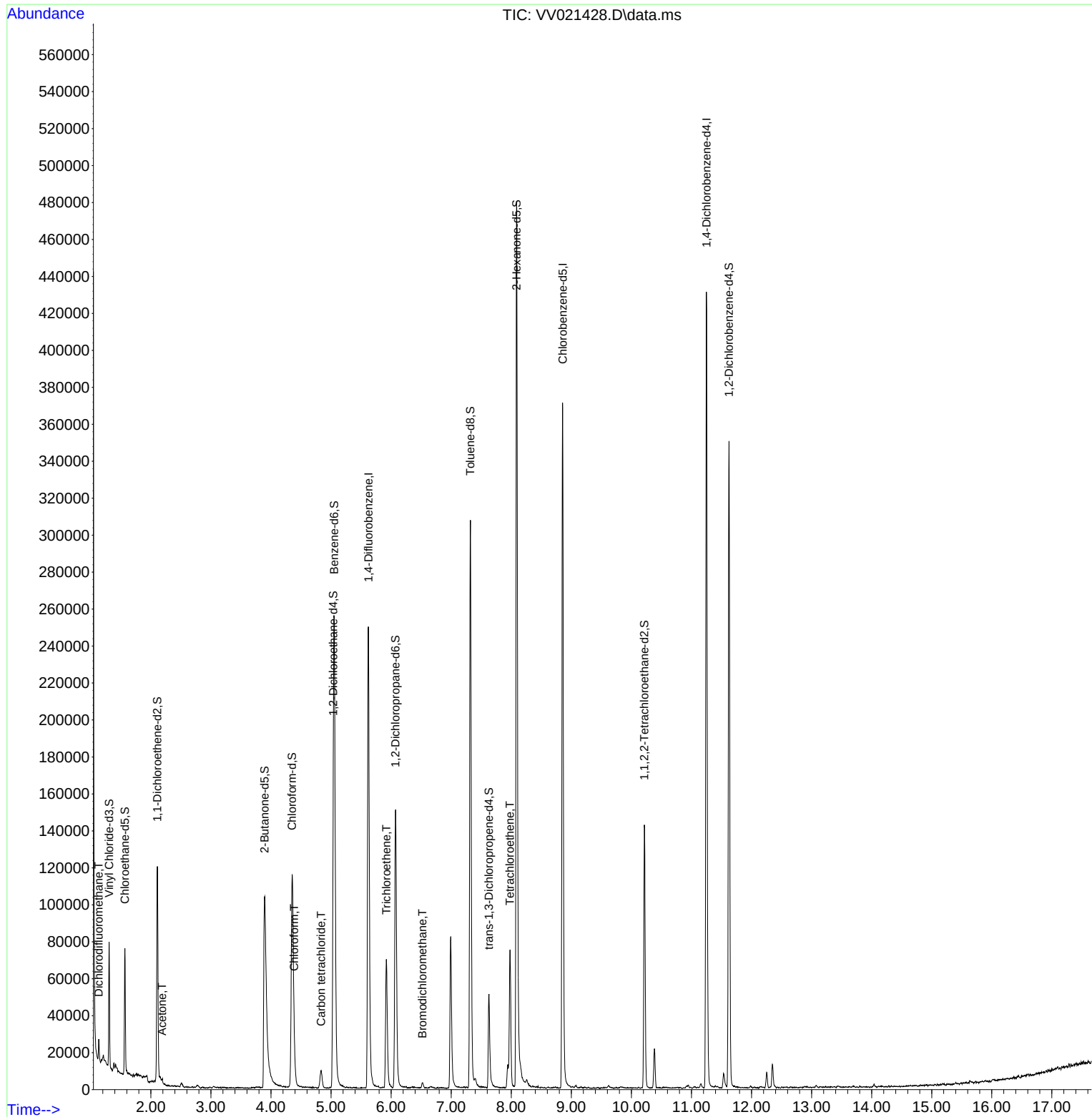
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	235175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	221160	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123746	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40557	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.568	69	41574	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.108	63	58212	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.892	46	202648	56.66	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.32%
24) Chloroform-d	4.352	84	122355	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.037	65	60767	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.053	84	234001	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.072	67	78478	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.320	98	212799	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloroprop...	7.628	79	32164	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.088	63	183347	54.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.42%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	68874	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	99972	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	1438	0.09	ug/L	94
13) Acetone	2.185	43	3341	1.66	ug/L #	38
25) Chloroform	4.384	83	16027	0.61	ug/L	93
31) Carbon tetrachloride	4.834	117	7663	0.34	ug/L	96
34) Trichloroethene	5.921	95	24856	1.57	ug/L	98
38) Bromodichloromethane	6.519	83	2303	0.12	ug/L #	92
47) Tetrachloroethene	7.979	164	18683	1.29	ug/L	96

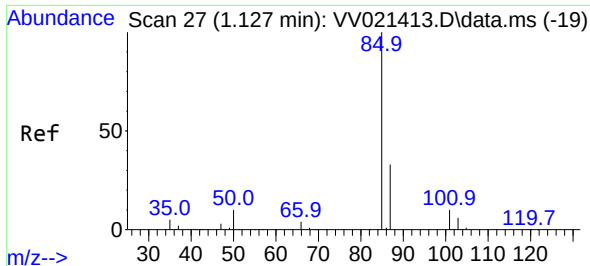
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 02:05:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 27 02:03:26 2021
Response via : Initial Calibration

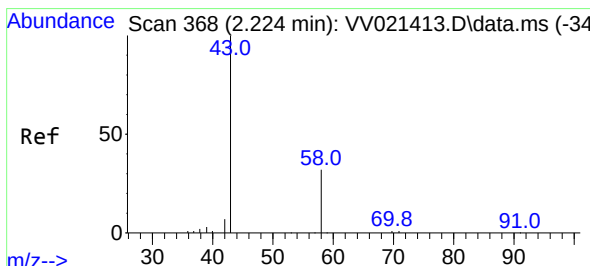
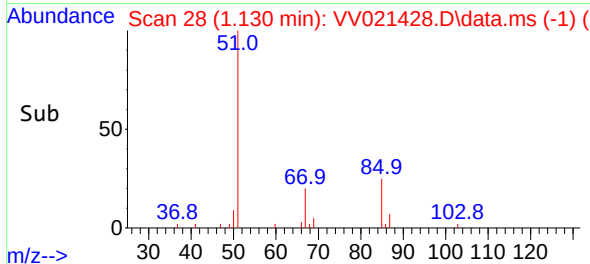
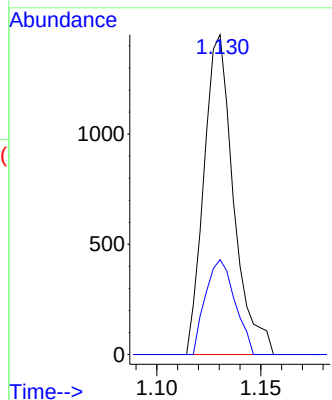
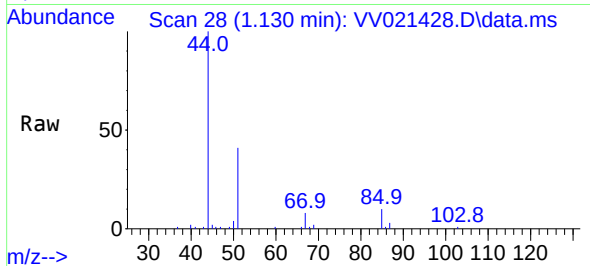




#2
Dichlorodifluoromethane
Concen: 0.09 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.003 min
Lab File: VV021428.D
Acq: 26 May 2021 16:11

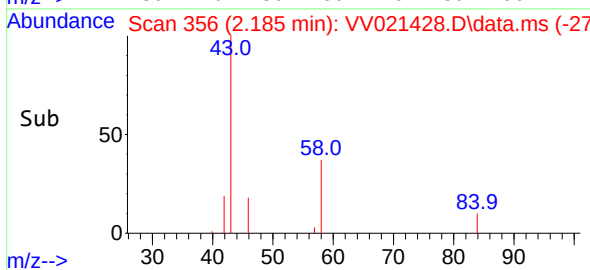
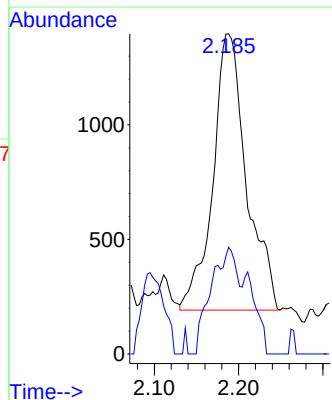
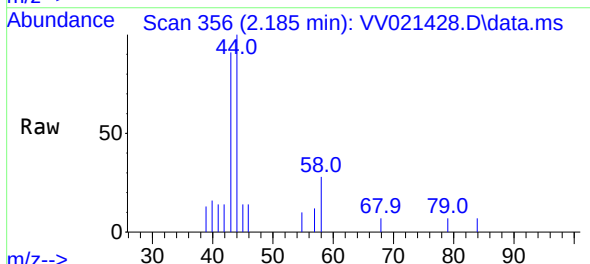
Instrument :
MSVOA_V
ClientSampled :
YARK5

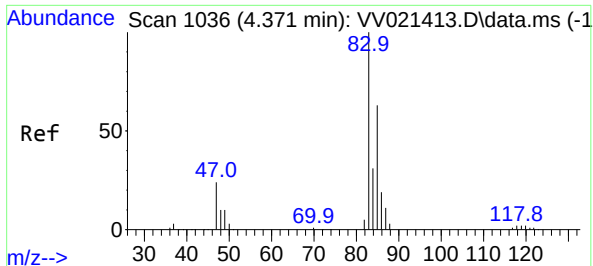
Tgt Ion: 85 Resp: 1438
Ion Ratio Lower Upper
85 100
87 29.4 26.1 39.1



#13
Acetone
Concen: 1.66 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.039 min
Lab File: VV021428.D
Acq: 26 May 2021 16:11

Tgt Ion: 43 Resp: 3341
Ion Ratio Lower Upper
43 100
58 31.9 0.0 18.6#



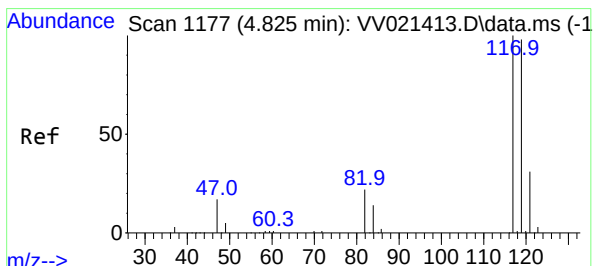
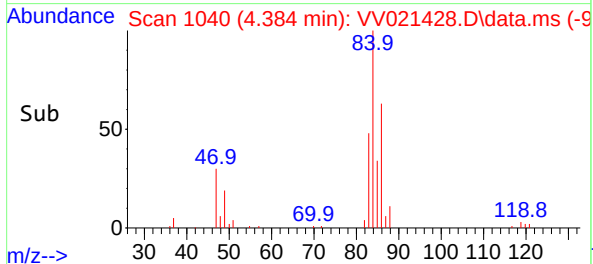
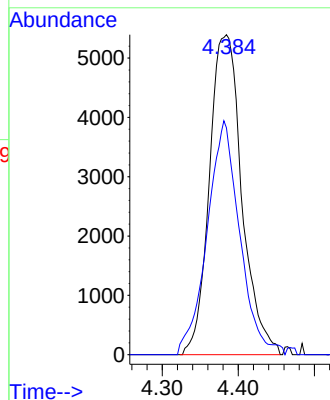
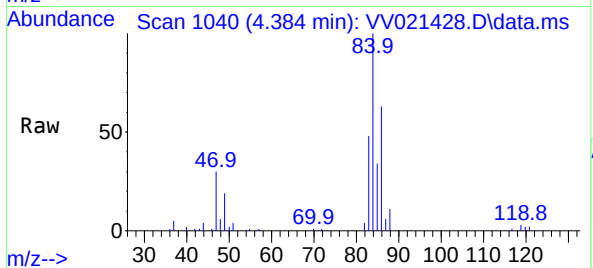


#25

Chloroform
 Concen: 0.61 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.013 min
 Lab File: VV021428.D
 Acq: 26 May 2021 16:11

Instrument :
 MSVOA_V
 ClientSampled :
 YARK5

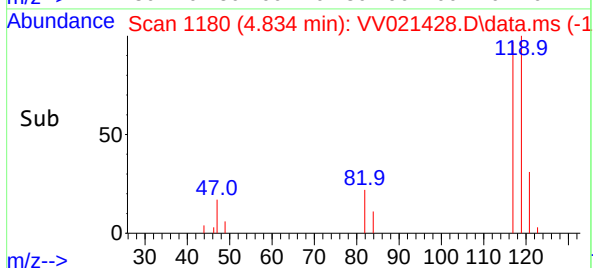
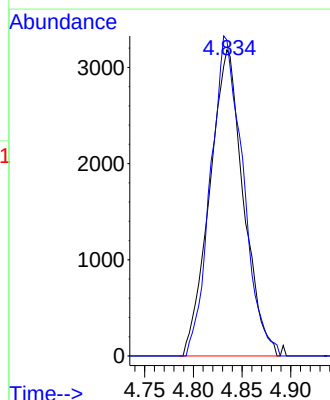
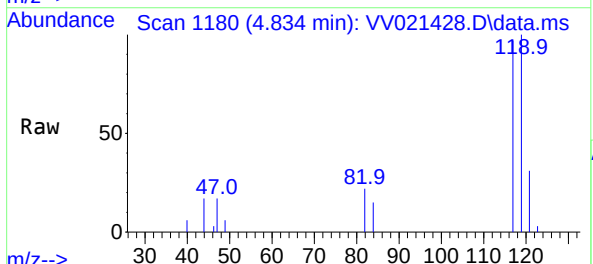
Tgt Ion: 83 Resp: 16027
 Ion Ratio Lower Upper
 83 100
 85 70.9 45.8 85.2

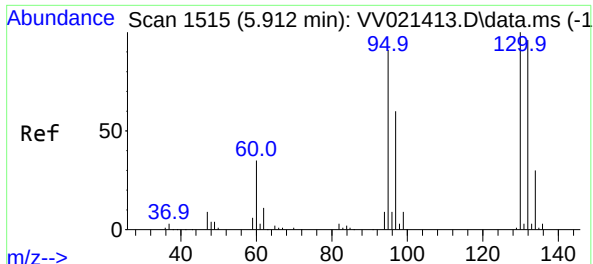


#31

Carbon tetrachloride
 Concen: 0.34 ug/L
 RT: 4.834 min Scan# 1180
 Delta R.T. 0.010 min
 Lab File: VV021428.D
 Acq: 26 May 2021 16:11

Tgt Ion: 117 Resp: 7663
 Ion Ratio Lower Upper
 117 100
 119 100.5 77.0 115.6





#34

Trichloroethene

Concen: 1.57 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV021428.D

Acq: 26 May 2021 16:11

Tgt Ion: 95 Resp: 24856

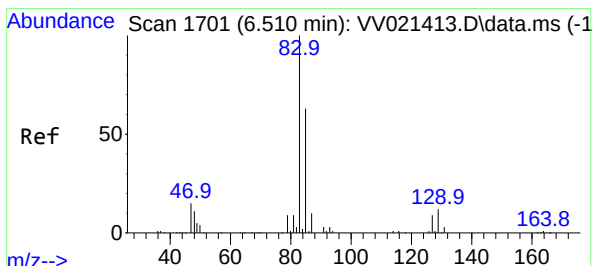
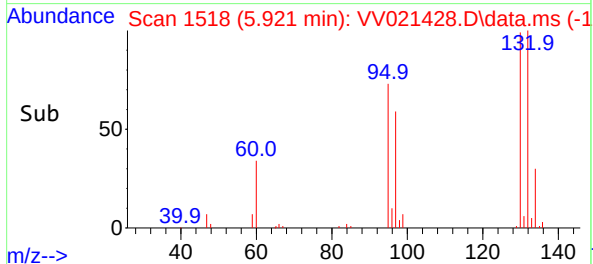
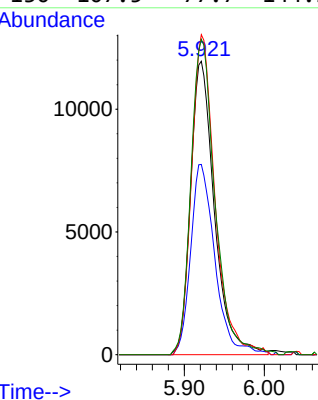
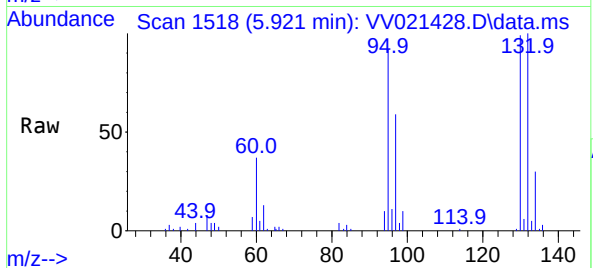
Ion Ratio Lower Upper

95 100

97 64.9 45.4 84.4

132 109.1 74.5 138.3

130 107.5 77.7 144.3



#38

Bromodichloromethane

Concen: 0.12 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.010 min

Lab File: VV021428.D

Acq: 26 May 2021 16:11

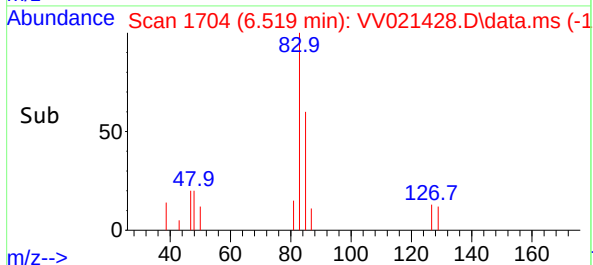
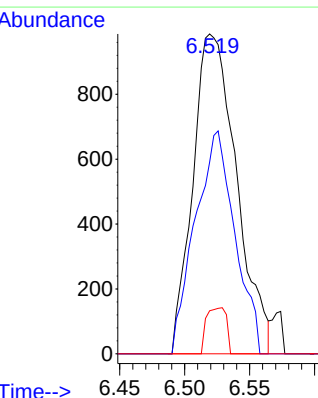
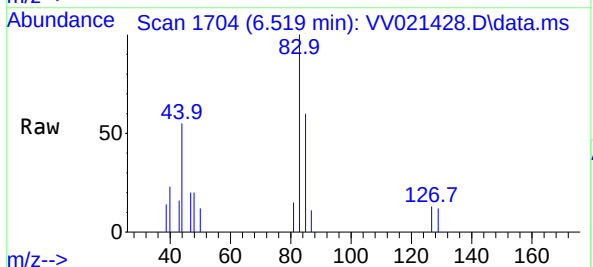
Tgt Ion: 83 Resp: 2303

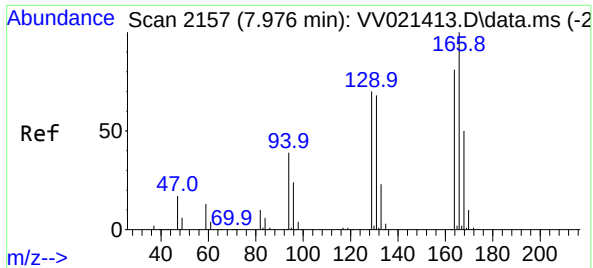
Ion Ratio Lower Upper

83 100

85 59.9 46.2 85.8

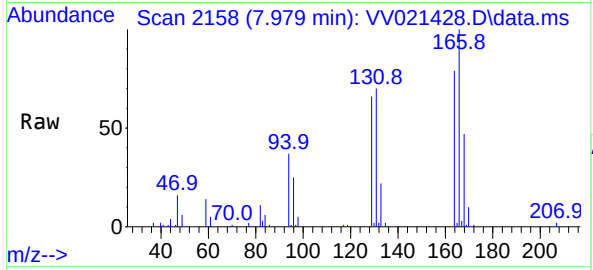
127 13.5 7.3 10.9#





#47
Tetrachloroethene
Concen: 1.29 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021428.D
Acq: 26 May 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :
YARK5



Tgt Ion:164 Resp: 18683

Ion	Ratio	Lower	Upper
164	100		
129	83.4	61.8	114.8
131	88.6	57.8	107.4
166	125.8	87.4	162.4

