

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024220.D
 Acq On : 28 Dec 2021 15:59
 Operator : SY/MD
 Sample : M5193-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J04

Quant Time: Dec 29 05:06:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

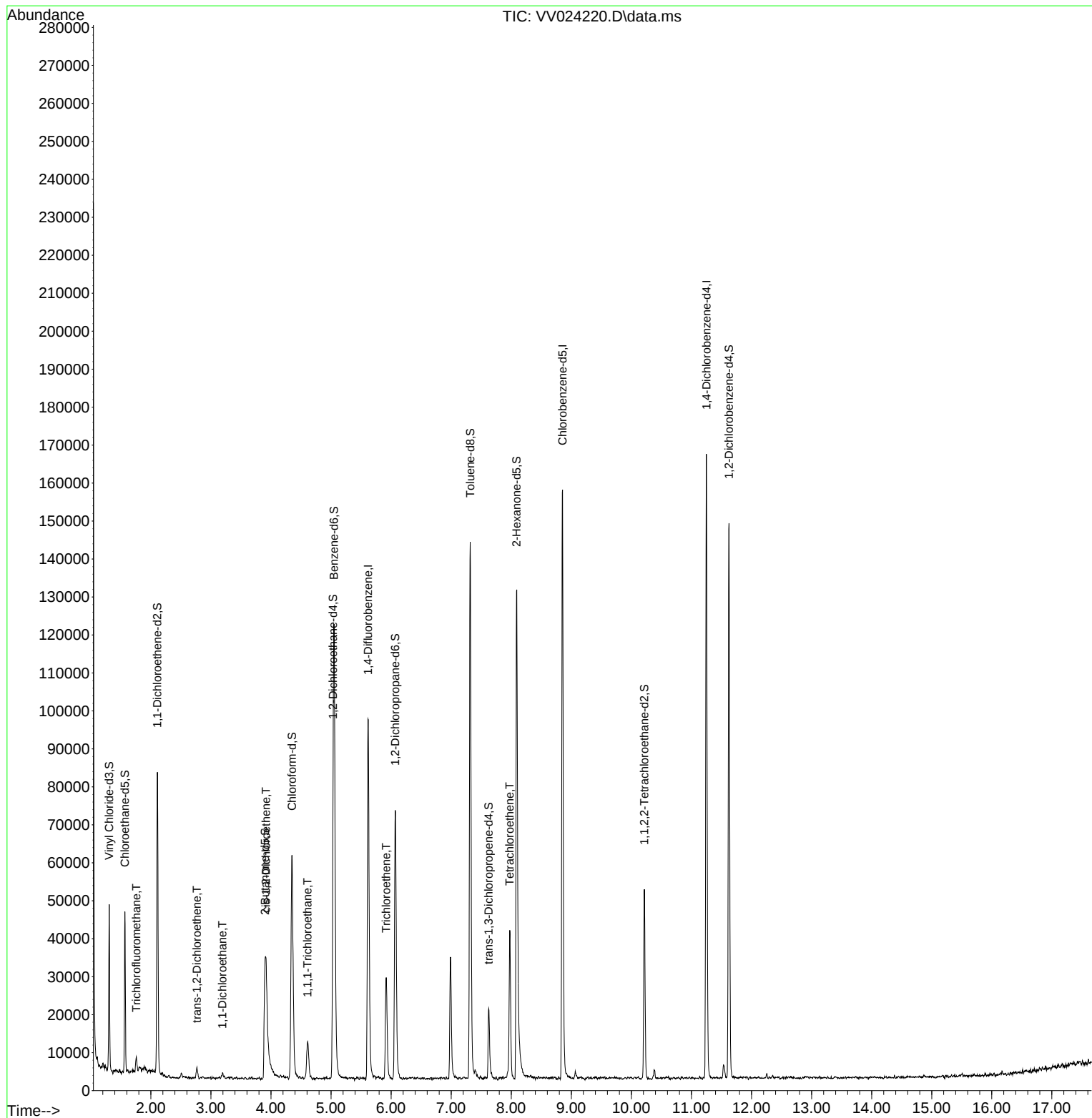
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	86924	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	90460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25607	3.917	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.567	69	24340	4.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.108	63	41039	2.583	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	51.600%#	
20) 2-Butanone-d5	3.902	46	55249	76.074	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	152.140%#	
24) Chloroform-d	4.349	84	61393	4.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.034	65	30414	4.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.050	84	110216	4.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.069	67	31493	4.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.316	98	95692	3.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	7.625	79	10966	3.870	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.088	63	44942	47.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21654	4.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	39016	4.817	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	2344	0.093	ug/L	88
18) trans-1,2-Dichloroethene	2.767	96	1152	0.091	ug/L	94
19) 1,1-Dichloroethane	3.191	63	1640	0.078	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	7764	0.619	ug/L	92
29) 1,1,1-Trichloroethane	4.609	97	8660	0.380	ug/L	97
34) Trichloroethene	5.918	95	8991	0.671	ug/L	95
47) Tetrachloroethene	7.976	164	9333	0.783	ug/L	96

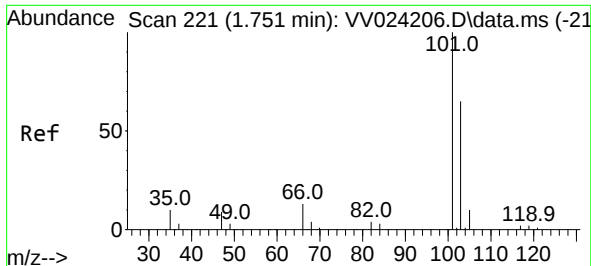
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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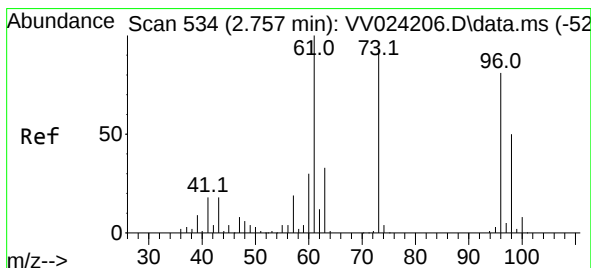
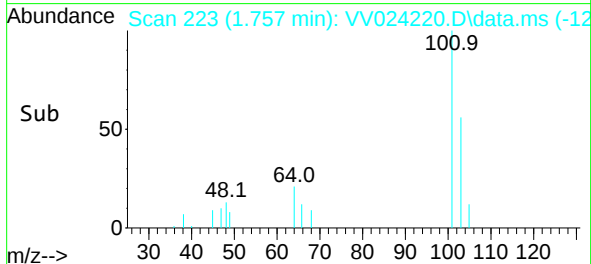
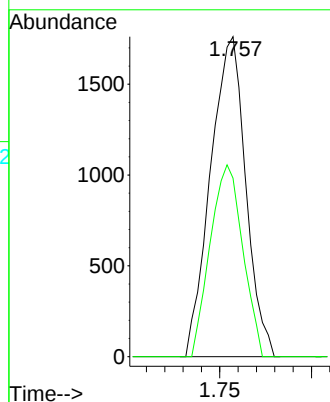
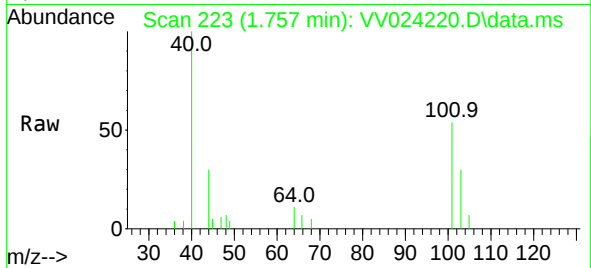




#9
 Trichlorofluoromethane
 Concen: 0.093 ug/L
 RT: 1.757 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024220.D
 Acq: 28 Dec 2021 15:59

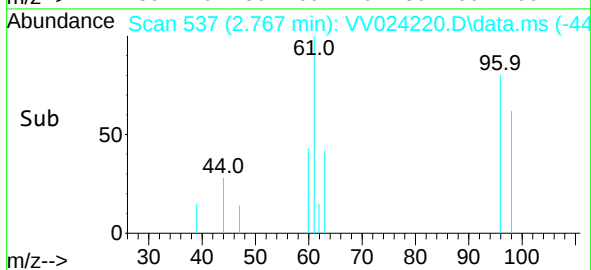
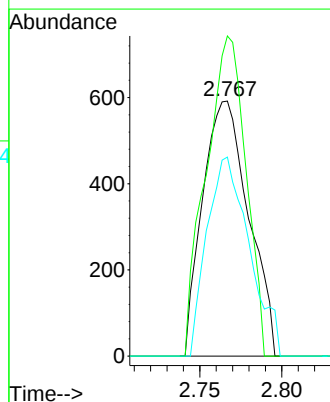
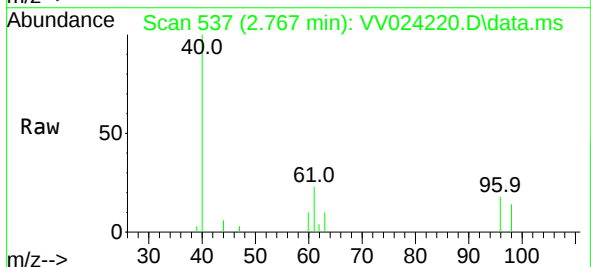
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J04

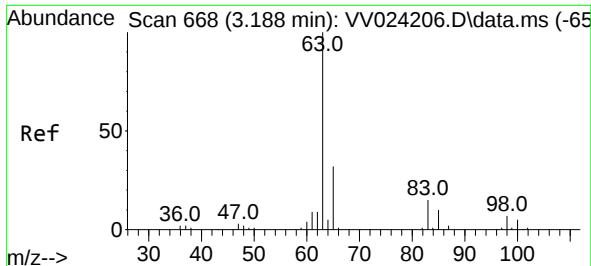
Tgt Ion:101 Resp: 2344
 Ion Ratio Lower Upper
 101 100
 103 55.3 51.6 77.4



#18
 trans-1,2-Dichloroethene
 Concen: 0.091 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.006 min
 Lab File: VV024220.D
 Acq: 28 Dec 2021 15:59

Tgt Ion: 96 Resp: 1152
 Ion Ratio Lower Upper
 96 100
 61 125.5 88.2 163.8
 98 78.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.078 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024220.D

Acq: 28 Dec 2021 15:59

Instrument :

MSVOA_V

ClientSampleId :

C0J04

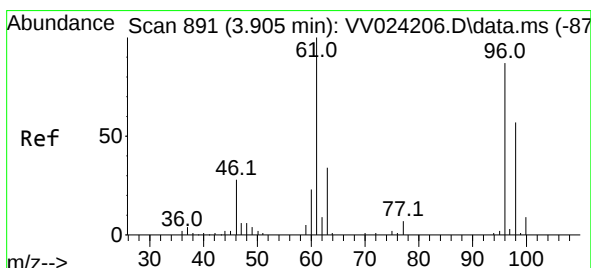
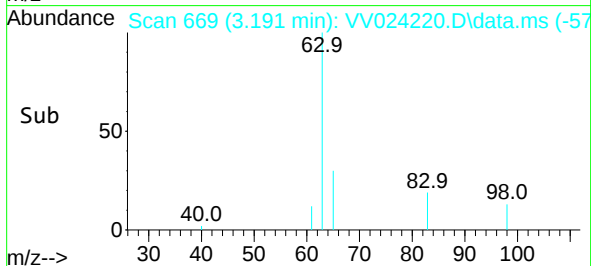
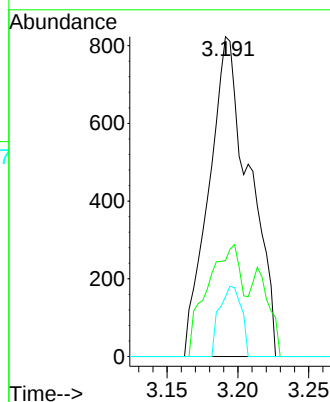
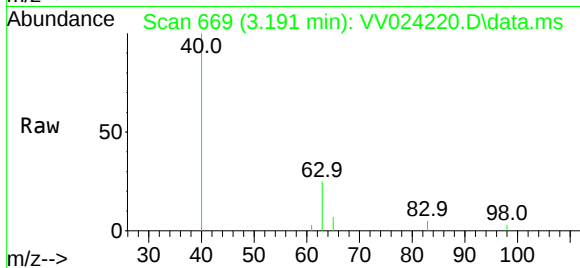
Tgt Ion: 63 Resp: 1640

Ion Ratio Lower Upper

63 100

65 30.0 22.3 41.3

83 18.7 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 0.619 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV024220.D

Acq: 28 Dec 2021 15:59

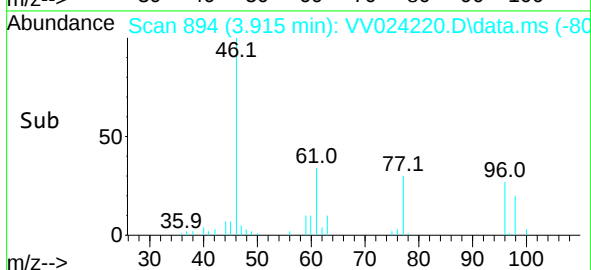
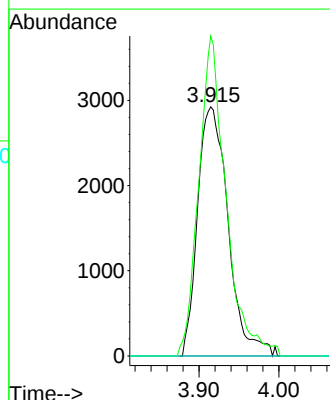
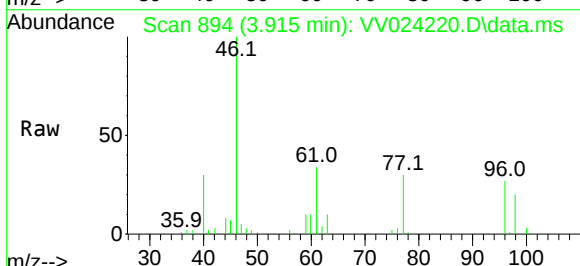
Tgt Ion: 96 Resp: 7764

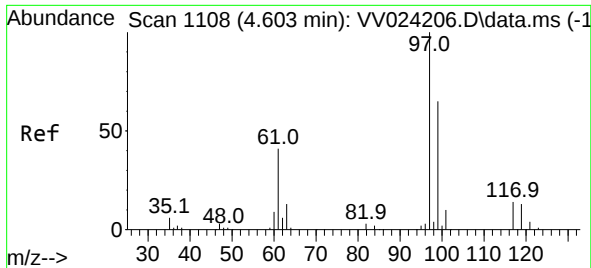
Ion Ratio Lower Upper

96 100

61 128.5 83.4 154.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.380 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024220.D

Acq: 28 Dec 2021 15:59

Instrument :

MSVOA_V

ClientSampleId :

C0J04

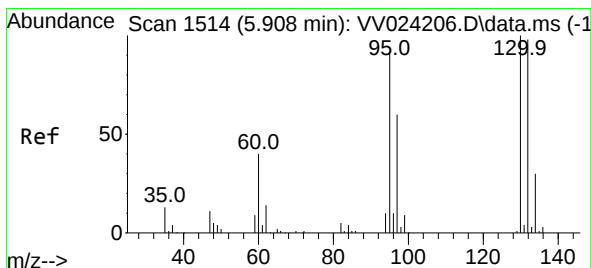
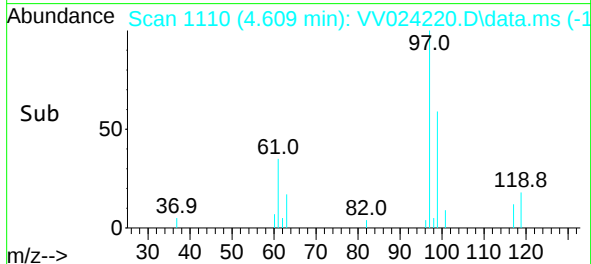
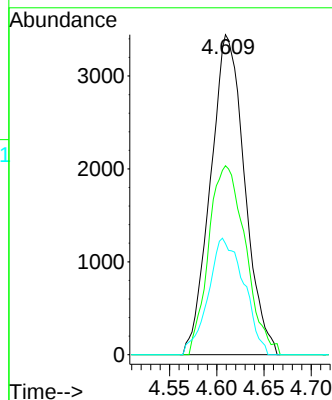
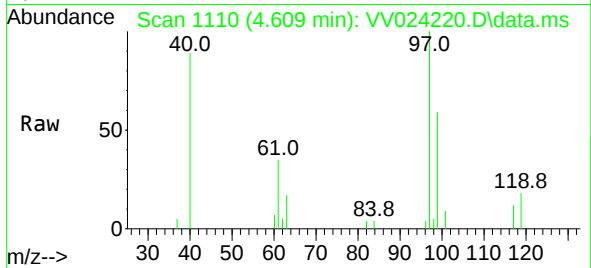
Tgt Ion: 97 Resp: 8660

Ion Ratio Lower Upper

97 100

99 63.6 51.9 77.9

61 38.0 33.2 49.8



#34

Trichloroethene

Concen: 0.671 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV024220.D

Acq: 28 Dec 2021 15:59

Tgt Ion: 95 Resp: 8991

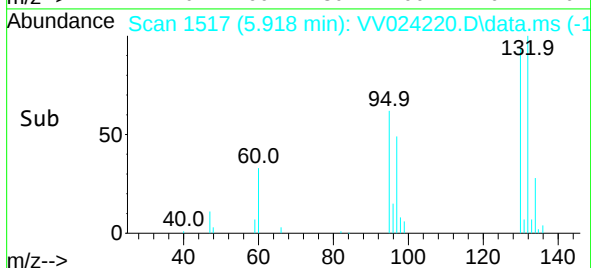
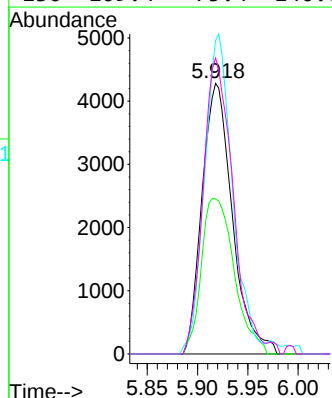
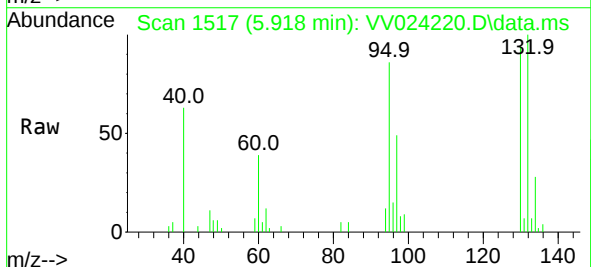
Ion Ratio Lower Upper

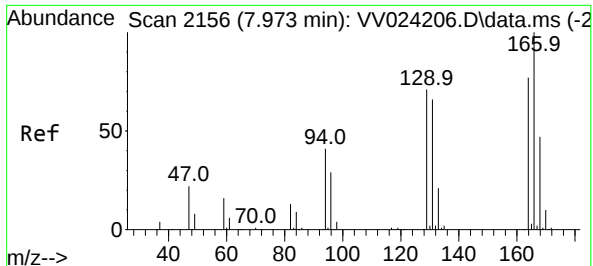
95 100

97 57.3 45.2 84.0

132 115.8 76.1 141.3

130 109.4 75.4 140.0





#47
 Tetrachloroethene
 Concen: 0.783 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024220.D
 Acq: 28 Dec 2021 15:59

Instrument :
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 C0J04

Tgt Ion:164	Resp:	9333	
Ion	Ratio	Lower	Upper
164	100		
129	89.8	62.6	116.2
131	82.8	61.0	113.4
166	131.1	87.3	162.1

