

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030682.D
 Acq On : 18 Aug 2022 14:03
 Operator : JC/MD
 Sample : N4221-14DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN6DL

Quant Time: Aug 18 14:45:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

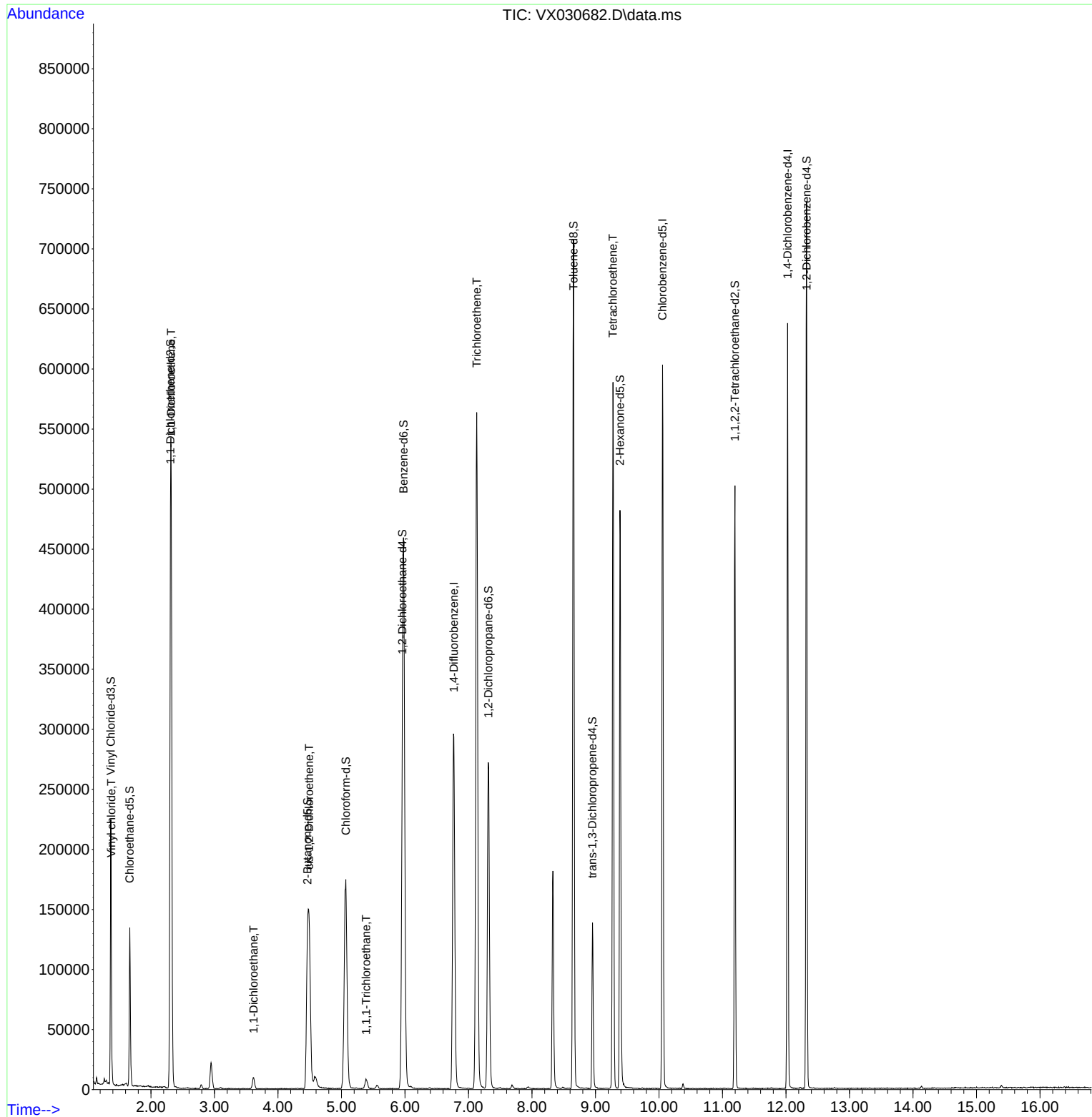
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	311234	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282973	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	113608	56.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 113.680%	
7) Chloroethane-d5	1.666	69	86938	61.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 123.400%	
11) 1,1-Dichloroethene-d2	2.307	63	232336	61.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 122.900%	
21) 2-Butanone-d5	4.465	46	195092	105.348	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.350%	
24) Chloroform-d	5.068	84	223935	54.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.860%	
26) 1,2-Dichloroethane-d4	5.958	65	140978	50.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.920%	
32) Benzene-d6	5.977	84	469228	57.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.780%	
36) 1,2-Dichloropropane-d6	7.312	67	153362	58.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 116.640%	
41) Toluene-d8	8.653	98	424844	55.604	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 111.200%	
43) trans-1,3-Dichloroprop...	8.952	79	65532	50.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.180%	
47) 2-Hexanone-d5	9.385	63	145291	108.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 108.390%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	198989	57.599	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 115.200%	
66) 1,2-Dichlorobenzene-d4	12.323	152	143911	58.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 117.560%	
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	30660	14.254	ug/L	94
12) 1,1-Dichloroethene	2.319	96	122040	70.057	ug/L #	71
19) 1,1-Dichloroethane	3.617	63	11270	2.887	ug/L	88
20) cis-1,2-Dichloroethene	4.489	96	62243	27.417	ug/L	84
30) 1,1,1-Trichloroethane	5.385	97	5925	1.587	ug/L #	61
34) Trichloroethene	7.129	95	221035	84.117	ug/L	87
46) Tetrachloroethene	9.275	164	108811	65.522	ug/L	98

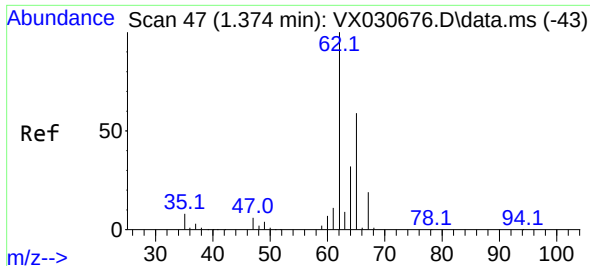
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
Data File : VX030682.D
Acq On : 18 Aug 2022 14:03
Operator : JC/MD
Sample : N4221-14DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0KN6DL

Quant Time: Aug 18 14:45:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration

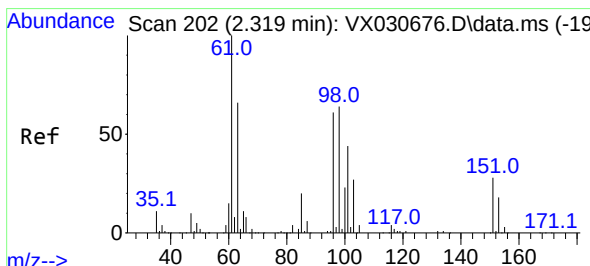
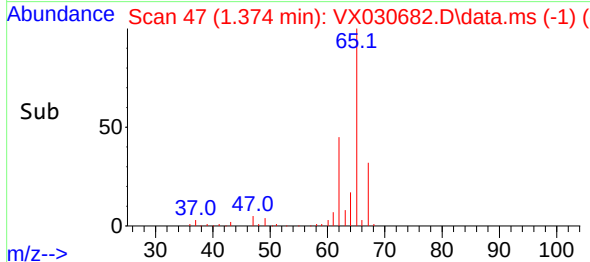
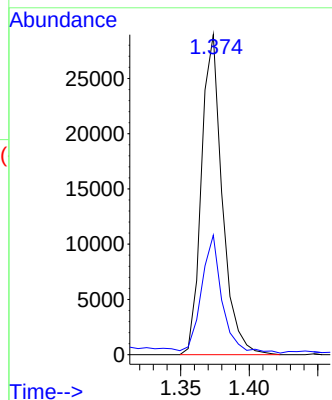
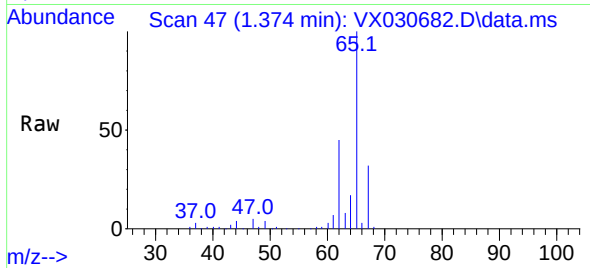




#5
 Vinyl chloride
 Concen: 14.254 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030682.D
 Acq: 18 Aug 2022 14:03

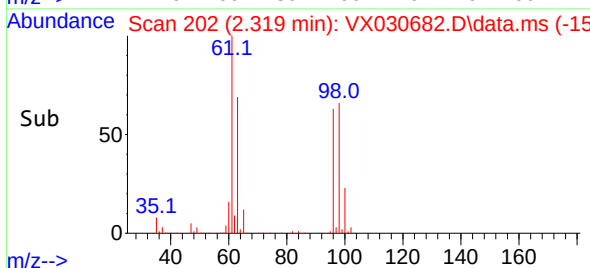
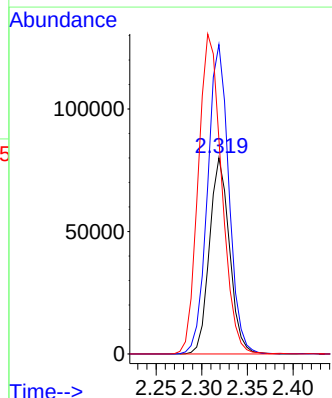
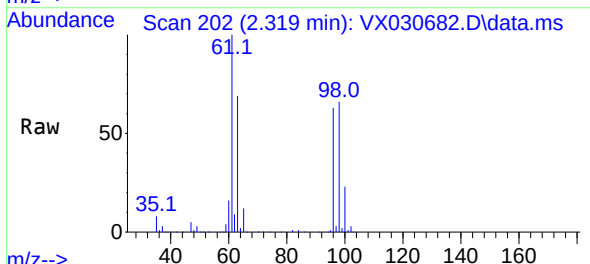
Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN6DL

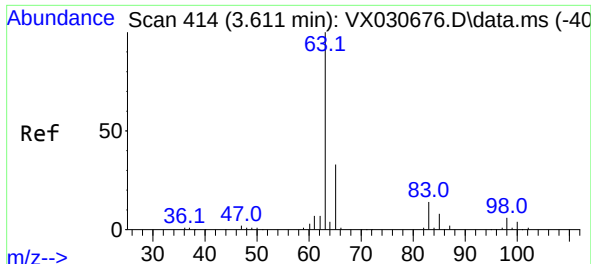
Tgt Ion: 62 Resp: 30660
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 70.057 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030682.D
 Acq: 18 Aug 2022 14:03

Tgt Ion: 96 Resp: 122040
 Ion Ratio Lower Upper
 96 100
 61 157.8 130.2 241.8
 63 109.4 113.5 210.9#





#19

1,1-Dichloroethane

Concen: 2.887 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030682.D

Acq: 18 Aug 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

C0KN6DL

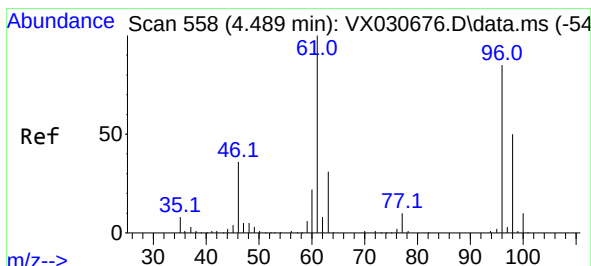
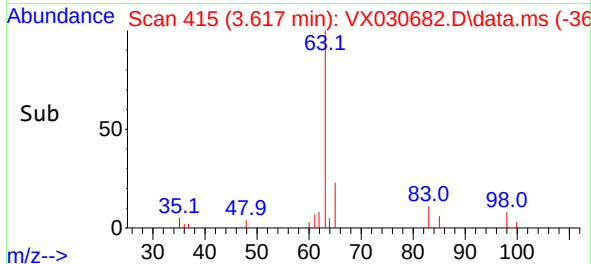
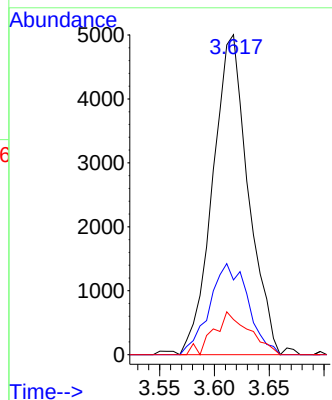
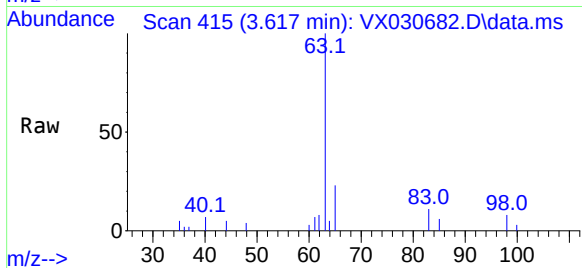
Tgt Ion: 63 Resp: 11270

Ion Ratio Lower Upper

63 100

65 23.3 22.0 40.8

83 11.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 27.417 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030682.D

Acq: 18 Aug 2022 14:03

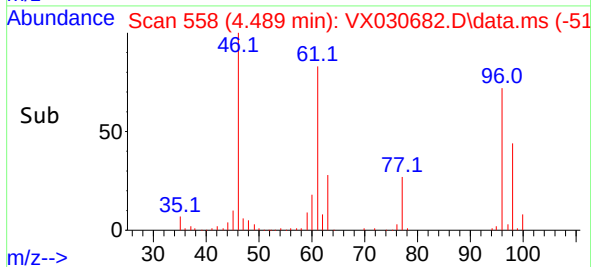
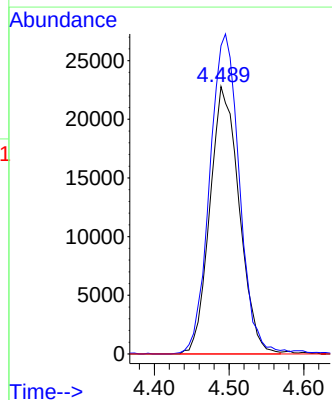
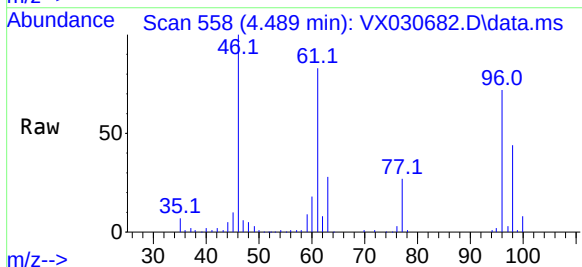
Tgt Ion: 96 Resp: 62243

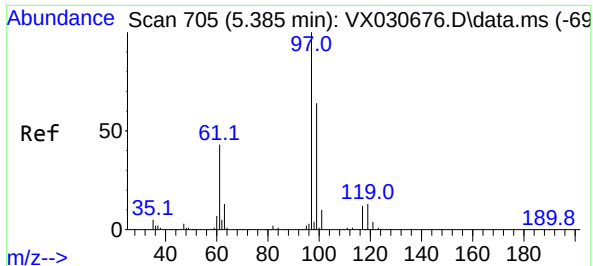
Ion Ratio Lower Upper

96 100

61 115.3 94.0 174.6

68 0.0 0.0 0.0

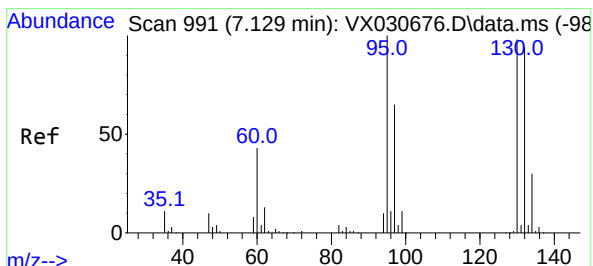
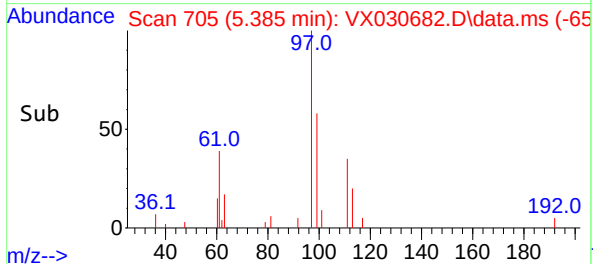
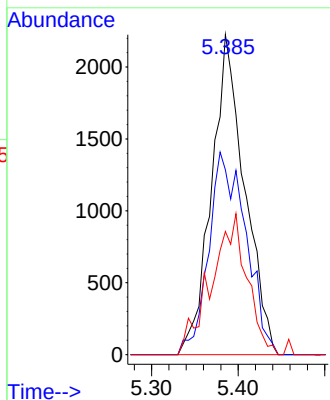
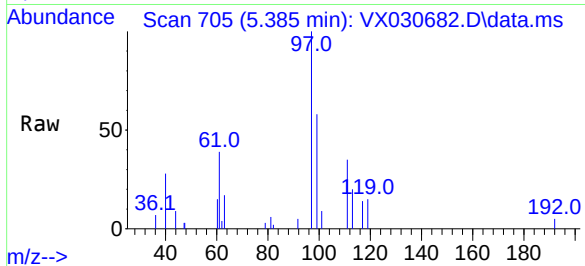




#30
1,1,1-Trichloroethane
Concen: 1.587 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX030682.D
Acq: 18 Aug 2022 14:03

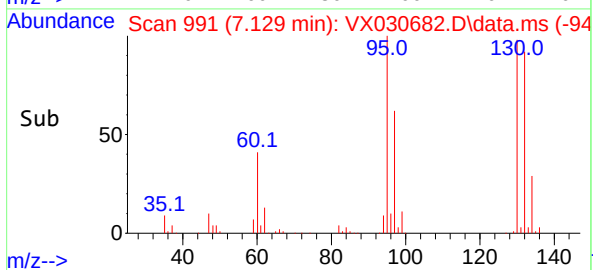
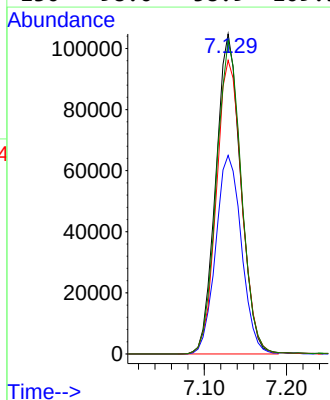
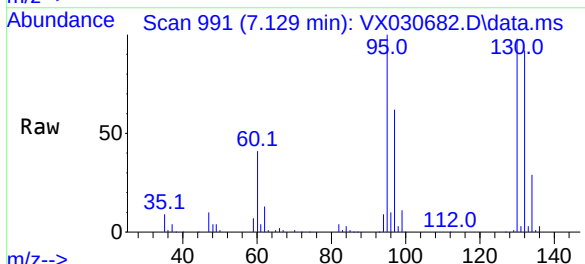
Instrument :
MSVOA_X
ClientSampleId :
C0KN6DL

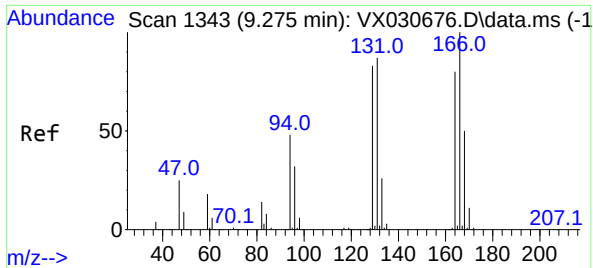
Tgt Ion: 97 Resp: 5925
Ion Ratio Lower Upper
97 100
99 35.9 51.4 77.0#
61 17.8 37.0 55.6#



#34
Trichloroethene
Concen: 84.117 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030682.D
Acq: 18 Aug 2022 14:03

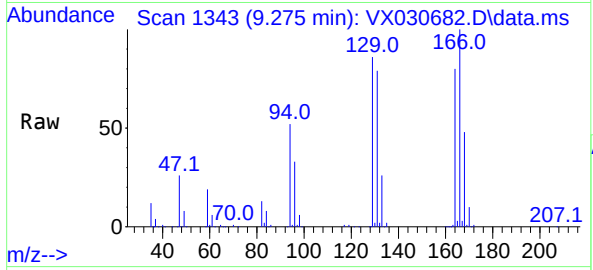
Tgt Ion: 95 Resp: 221035
Ion Ratio Lower Upper
95 100
97 62.1 40.2 74.6
132 91.8 55.3 102.7
130 98.0 58.9 109.5





#46
 Tetrachloroethene
 Concen: 65.522 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030682.D
 Acq: 18 Aug 2022 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN6DL



Tgt Ion:164 Resp: 108811

Ion	Ratio	Lower	Upper
164	100		
129	107.5	72.7	135.1
131	99.3	69.9	129.9
166	125.1	88.3	164.1

