

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030683.D
 Acq On : 18 Aug 2022 14:27
 Operator : JC/MD
 Sample : N4221-15DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN7DL

Quant Time: Aug 18 15:13:12 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	323504	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	292606	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	130237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	111554	53.697	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.400%		
7) Chloroethane-d5	1.666	69	84923	57.987	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 115.980%		
11) 1,1-Dichloroethene-d2	2.306	63	225567	57.400	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 114.800%		
21) 2-Butanone-d5	4.465	46	196567	102.118	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 102.120%		
24) Chloroform-d	5.062	84	223119	52.172	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 104.340%		
26) 1,2-Dichloroethane-d4	5.958	65	140439	48.364	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 96.720%		
32) Benzene-d6	5.977	84	465651	55.556	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 111.120%		
36) 1,2-Dichloropropane-d6	7.312	67	151730	55.796	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 111.600%		
41) Toluene-d8	8.653	98	420614	53.238	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.480%		
43) trans-1,3-Dichloroprop...	8.952	79	64614	47.762	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 95.520%		
47) 2-Hexanone-d5	9.384	63	144725	104.411	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 104.410%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	197762	55.359	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 110.720%		
66) 1,2-Dichlorobenzene-d4	12.323	152	146721	58.082	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 116.160%		

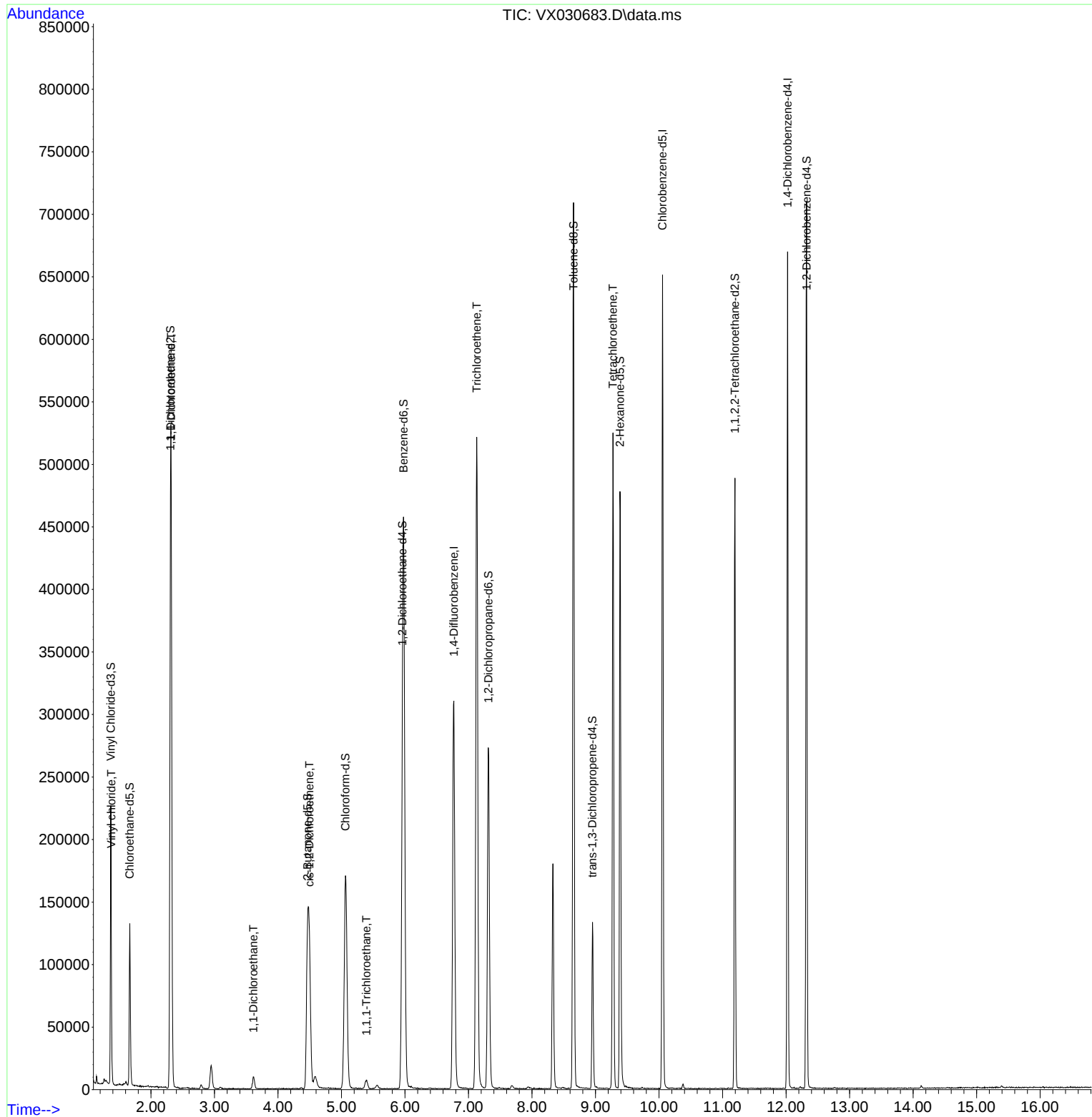
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	28702	12.837	ug/L	92
12) 1,1-Dichloroethene	2.319	96	115076	63.554	ug/L #	71
19) 1,1-Dichloroethane	3.611	63	10713	2.640	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	58142	24.639	ug/L	91
30) 1,1,1-Trichloroethane	5.391	97	4959	1.285	ug/L #	64
34) Trichloroethene	7.129	95	207495	76.365	ug/L	90
46) Tetrachloroethene	9.275	164	96065	55.943	ug/L	97

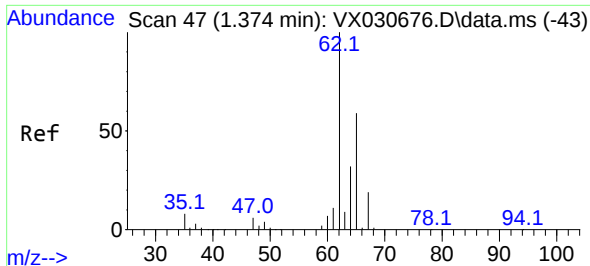
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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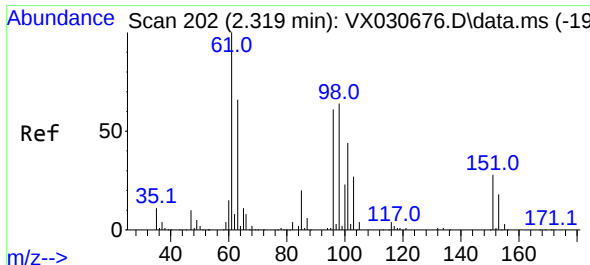
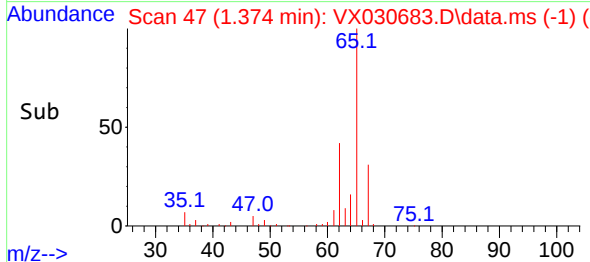
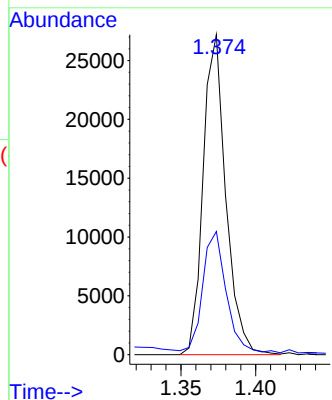
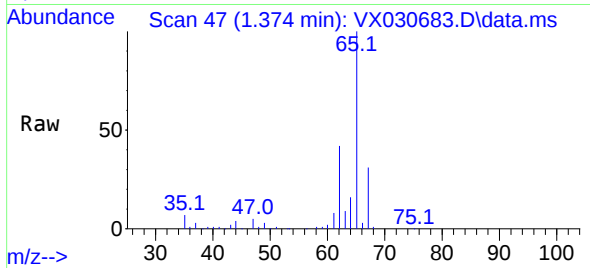




#5
Vinyl chloride
Concen: 12.837 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX030683.D
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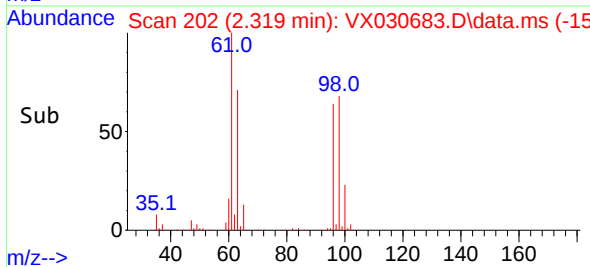
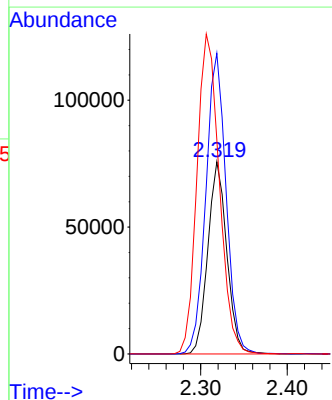
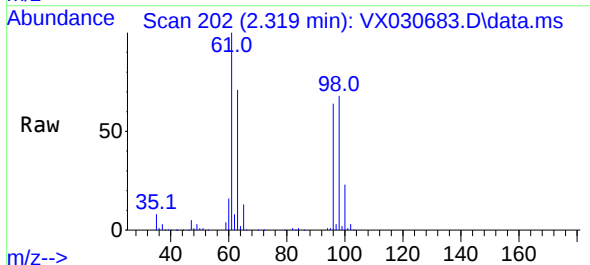
Instrument :
MSVOA_X
ClientSampleId :
C0KN7DL

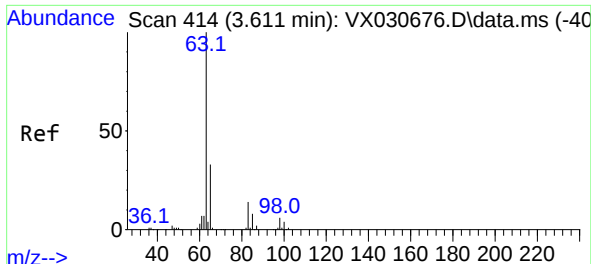
Tgt Ion: 62 Resp: 28702
Ion Ratio Lower Upper
62 100
64 38.5 23.8 44.2



#12
1,1-Dichloroethene
Concen: 63.554 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

Tgt Ion: 96 Resp: 115076
Ion Ratio Lower Upper
96 100
61 156.4 130.2 241.8
63 111.4 113.5 210.9#





#19

1,1-Dichloroethane

Concen: 2.640 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030683.D

Acq: 18 Aug 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

C0KN7DL

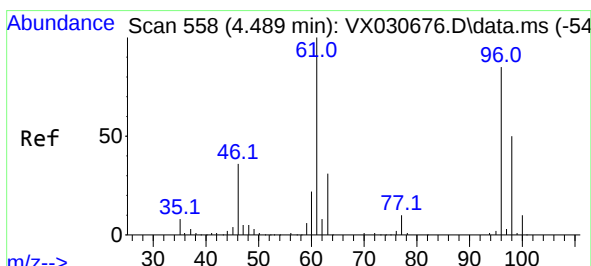
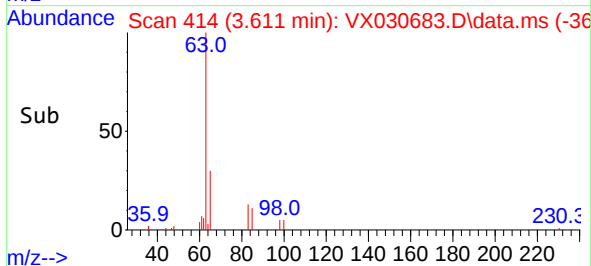
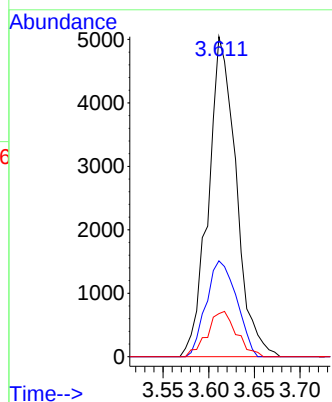
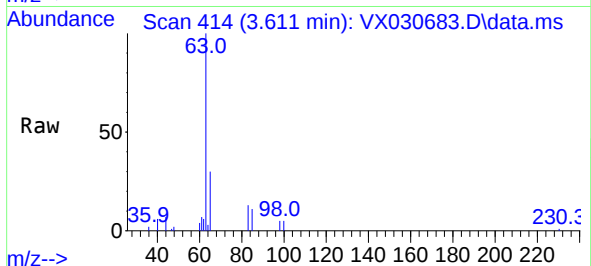
Tgt Ion: 63 Resp: 10713

Ion Ratio Lower Upper

63 100

65 30.0 22.0 40.8

83 13.4 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 24.639 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX030683.D

Acq: 18 Aug 2022 14:27

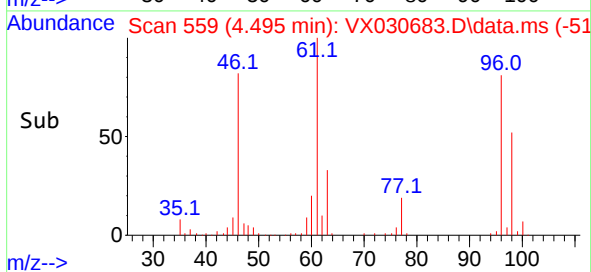
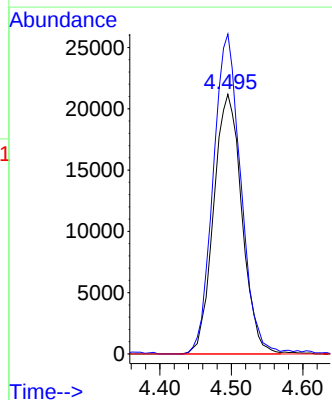
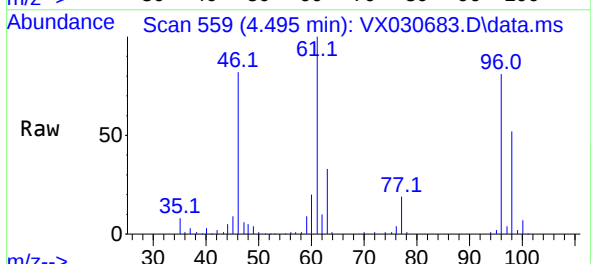
Tgt Ion: 96 Resp: 58142

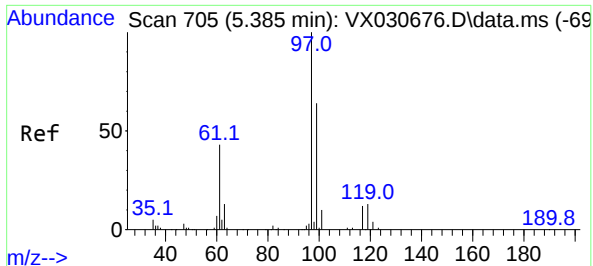
Ion Ratio Lower Upper

96 100

61 123.2 94.0 174.6

68 0.0 0.0 0.0

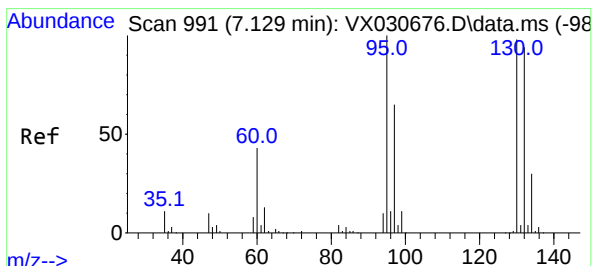
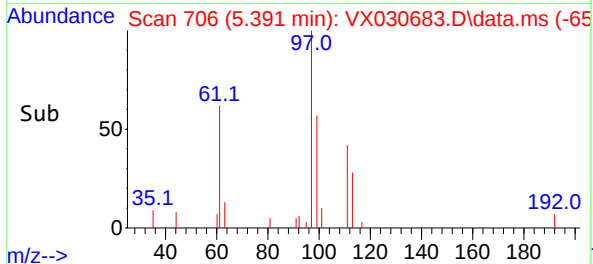
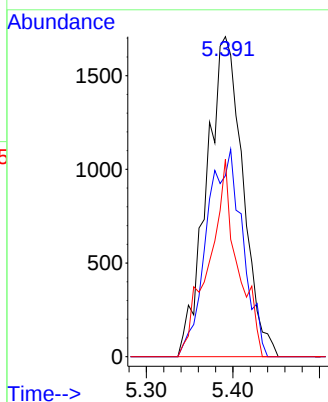
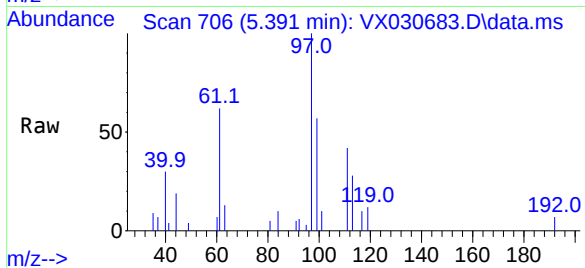




#30
1,1,1-Trichloroethane
Concen: 1.285 ug/L
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

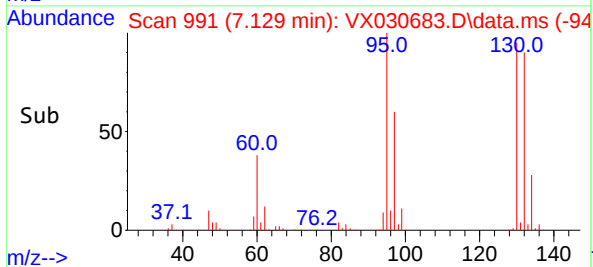
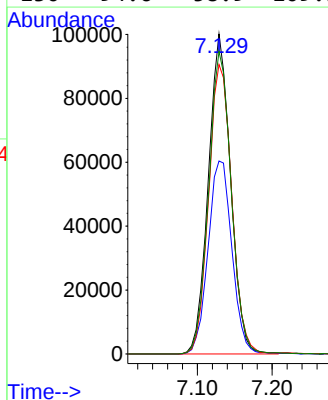
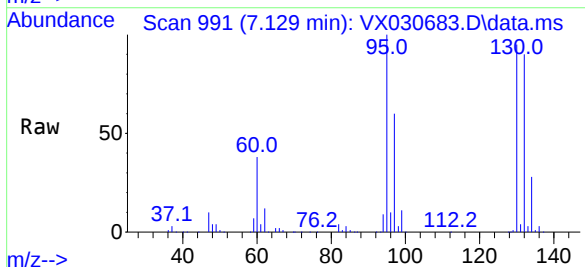
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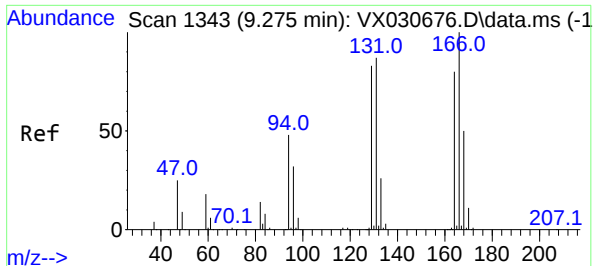
Tgt Ion: 97 Resp: 4959
Ion Ratio Lower Upper
97 100
99 34.5 51.4 77.0#
61 24.7 37.0 55.6#



#34
Trichloroethene
Concen: 76.365 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

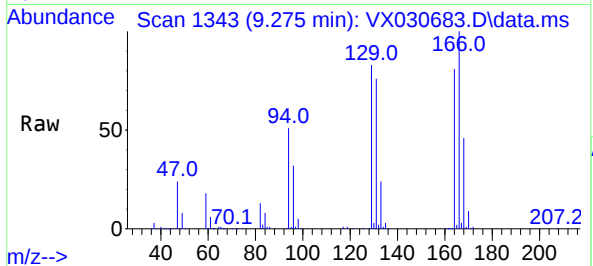
Tgt Ion: 95 Resp: 207495
Ion Ratio Lower Upper
95 100
97 60.3 40.2 74.6
132 90.4 55.3 102.7
130 94.6 58.9 109.5





#46
 Tetrachloroethene
 Concen: 55.943 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030683.D
 Acq: 18 Aug 2022 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN7DL



Tgt Ion:164 Resp: 96065

Ion	Ratio	Lower	Upper
164	100		
129	102.6	72.7	135.1
131	94.8	69.9	129.9
166	124.1	88.3	164.1

