

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030699.D
 Acq On : 19 Aug 2022 12:29
 Operator : JC/MD
 Sample : N4231-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN4DL

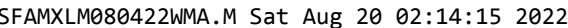
Quant Time: Aug 20 02:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 20 02:12:38 2022
 Response via : Initial Calibration

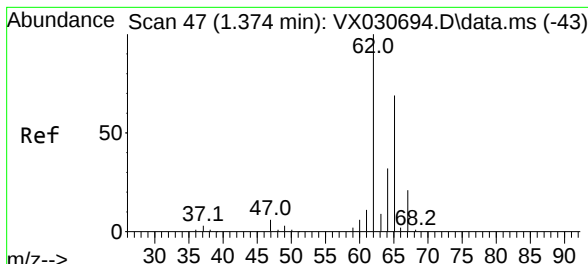
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	310514	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100558	50.429	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 100.860%		
7) Chloroethane-d5	1.666	69	77188	54.910	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.820%		
11) 1,1-Dichloroethene-d2	2.306	63	199939	53.006	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.020%		
21) 2-Butanone-d5	4.465	46	183785	99.472	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 99.470%		
24) Chloroform-d	5.068	84	209015	50.919	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.840%		
26) 1,2-Dichloroethane-d4	5.958	65	130443	46.801	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 93.600%		
32) Benzene-d6	5.977	84	427603	52.954	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.900%		
36) 1,2-Dichloropropane-d6	7.312	67	139631	53.297	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 106.600%		
41) Toluene-d8	8.653	98	380729	50.020	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.040%		
43) trans-1,3-Dichloroprop...	8.952	79	58193	44.649	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 89.300%		
47) 2-Hexanone-d5	9.384	63	139764	104.660	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 104.660%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	190475	55.344	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 110.680%		
66) 1,2-Dichlorobenzene-d4	12.323	152	129161	54.203	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 108.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	22664	10.561	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.300	101	1971	1.045	ug/L #	23
12) 1,1-Dichloroethene	2.319	96	97761	56.250	ug/L #	70
19) 1,1-Dichloroethane	3.617	63	7990	2.052	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	63034	27.830	ug/L	89
30) 1,1,1-Trichloroethane	5.385	97	6895	1.854	ug/L #	60
34) Trichloroethene	7.129	95	220204	84.119	ug/L	86
37) 1,2-Dichloropropane	7.312	63	14012	5.831	ug/L #	89
46) Tetrachloroethene	9.275	164	172107	104.030	ug/L	100

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

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QLast Update : Sat Aug 20 02:12:38 2022
Response via : Initial Calibration

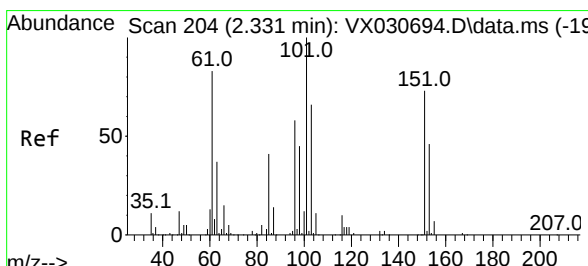
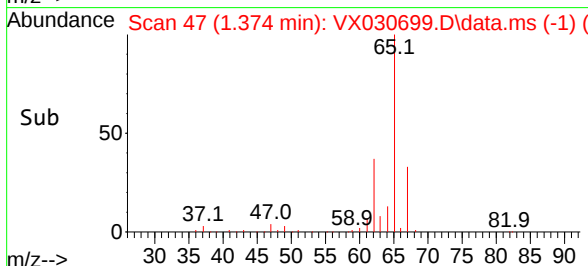
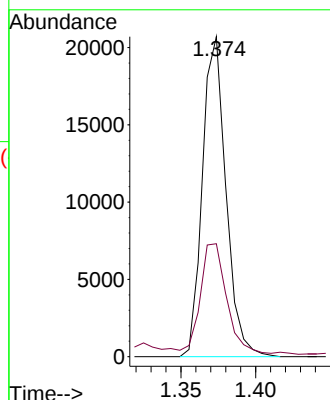
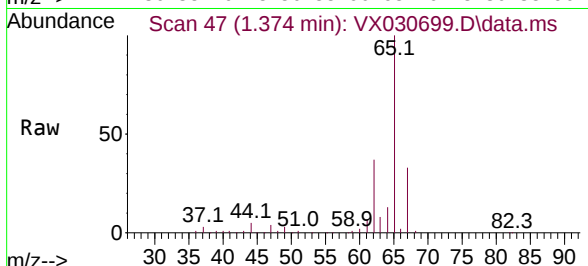




#5
 Vinyl chloride
 Concen: 10.561 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030699.D
 Acq: 19 Aug 2022 12:29

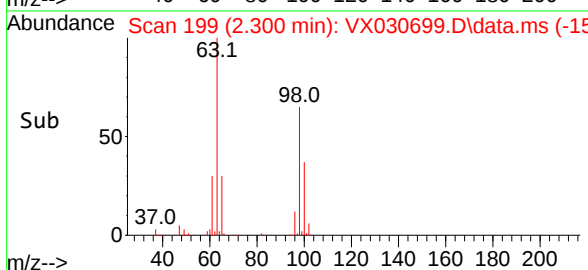
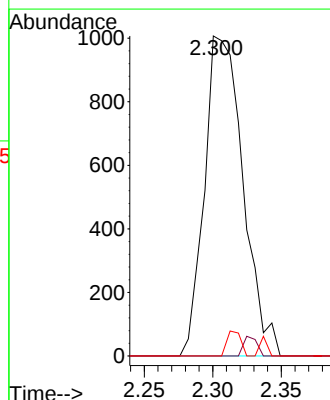
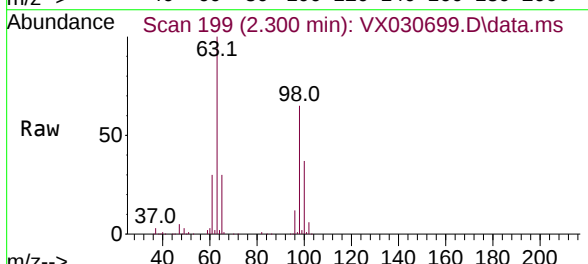
Instrument :
 MSVOA_X
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 C0KN4DL

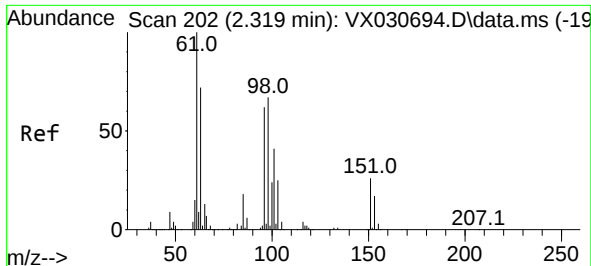
Tgt Ion: 62 Resp: 22664
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.045 ug/L
 RT: 2.300 min Scan# 199
 Delta R.T. -0.030 min
 Lab File: VX030699.D
 Acq: 19 Aug 2022 12:29

Tgt Ion: 101 Resp: 1971
 Ion Ratio Lower Upper
 101 100
 85 2.1 35.3 52.9#
 151 2.8 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 56.250 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030699.D

Acq: 19 Aug 2022 12:29

Instrument :

MSVOA_X

ClientSampleId :

C0KN4DL

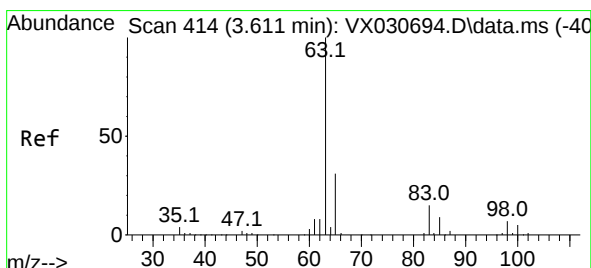
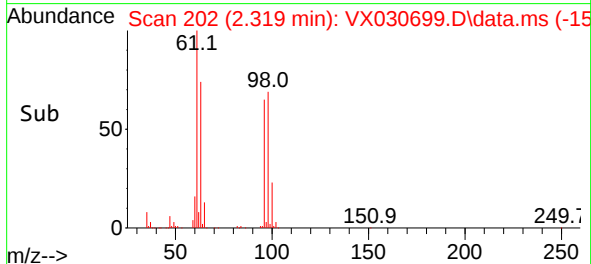
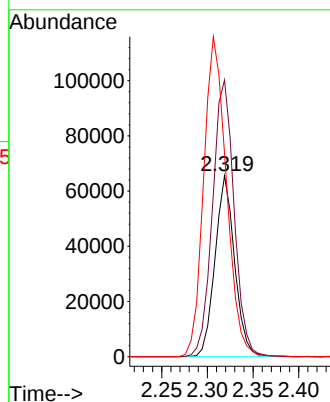
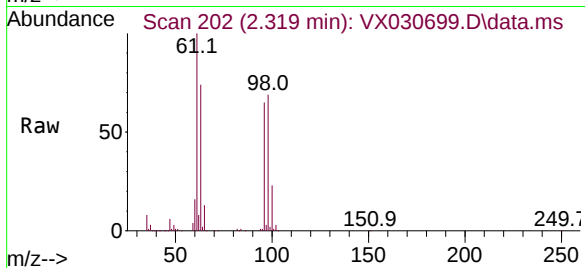
Tgt Ion: 96 Resp: 97761

Ion Ratio Lower Upper

96 100

61 153.0 130.2 241.8

63 112.5 113.5 210.9#



#19

1,1-Dichloroethane

Concen: 2.052 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX030699.D

Acq: 19 Aug 2022 12:29

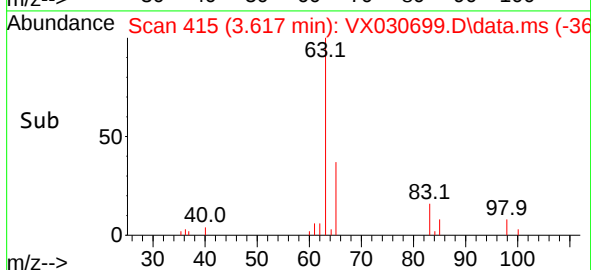
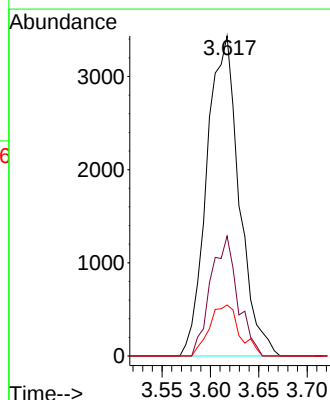
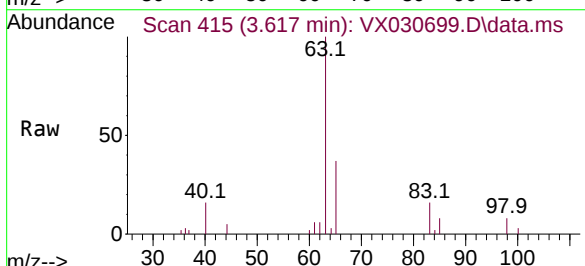
Tgt Ion: 63 Resp: 7990

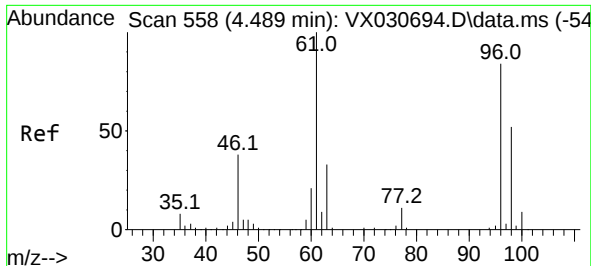
Ion Ratio Lower Upper

63 100

65 37.5 22.0 40.8

83 16.0 9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 27.830 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030699.D

Acq: 19 Aug 2022 12:29

Instrument :

MSVOA_X

ClientSampleId :

C0KN4DL

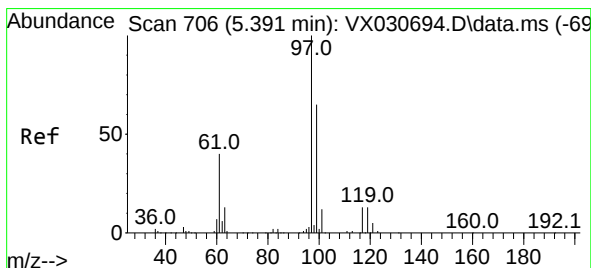
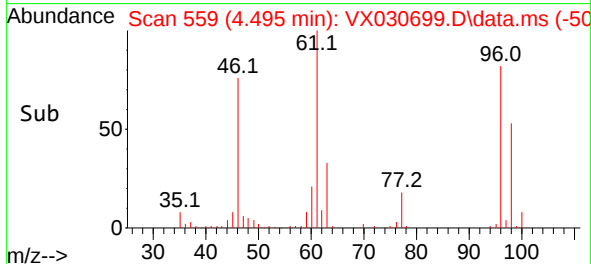
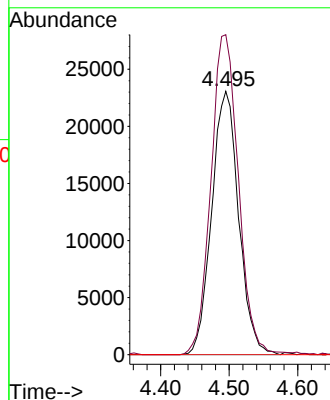
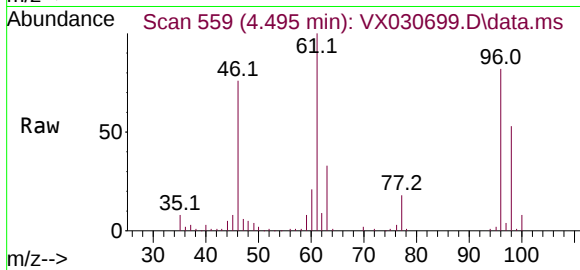
Tgt Ion: 96 Resp: 63034

Ion Ratio Lower Upper

96 100

61 121.5 94.0 174.6

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 1.854 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX030699.D

Acq: 19 Aug 2022 12:29

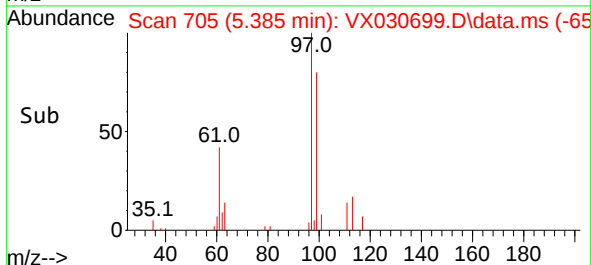
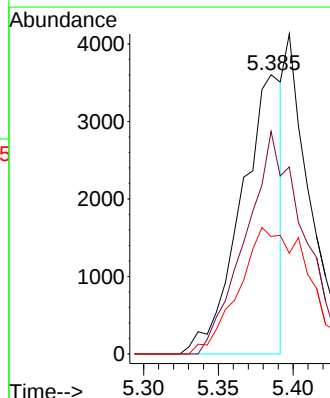
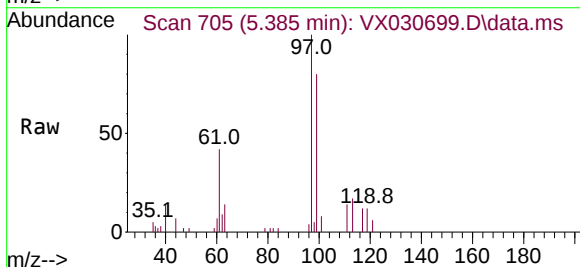
Tgt Ion: 97 Resp: 6895

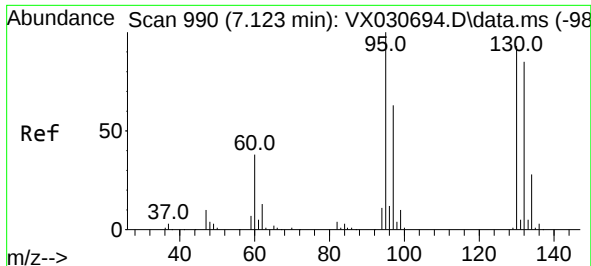
Ion Ratio Lower Upper

97 100

99 111.6 51.4 77.0#

61 53.6 37.0 55.6

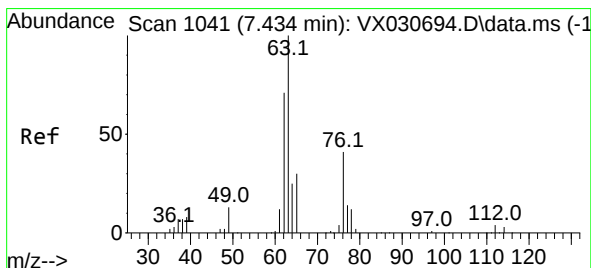
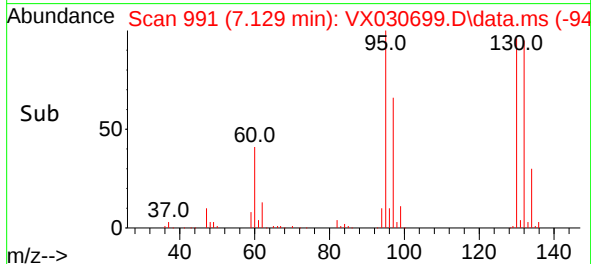
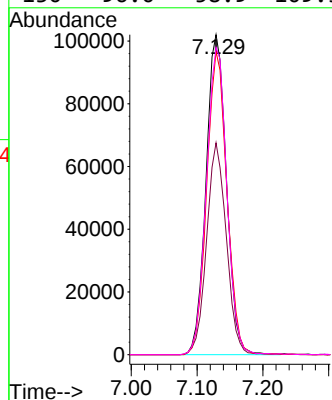
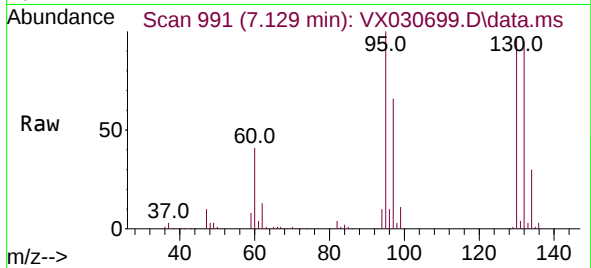




#34
Trichloroethene
Concen: 84.119 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030699.D
Acq: 19 Aug 2022 12:29

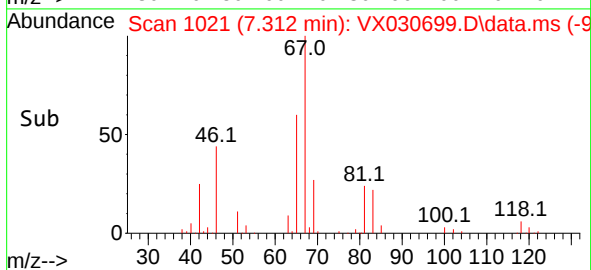
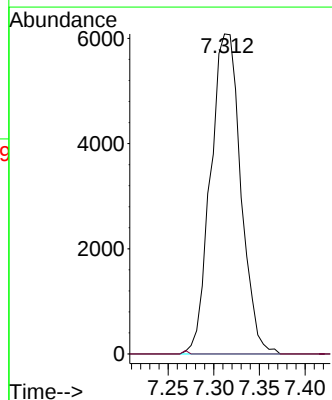
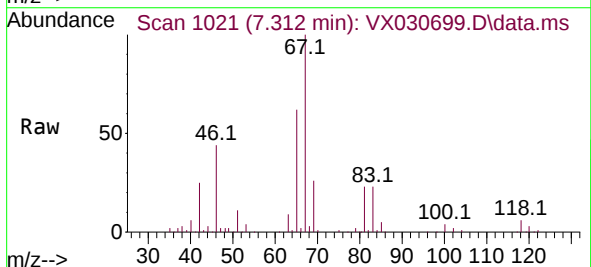
Instrument :
MSVOA_X
ClientSampleId :
C0KN4DL

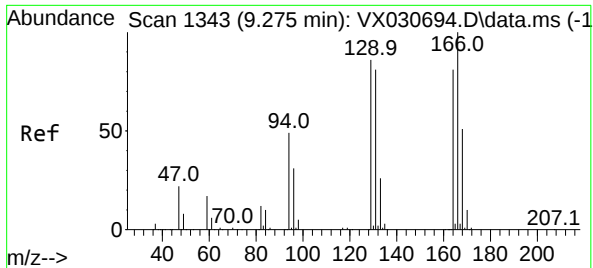
Tgt Ion: 95 Resp: 220204
Ion Ratio Lower Upper
95 100
97 66.2 40.2 74.6
132 94.7 55.3 102.7
130 96.0 58.9 109.5



#37
1,2-Dichloropropane
Concen: 5.831 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX030699.D
Acq: 19 Aug 2022 12:29

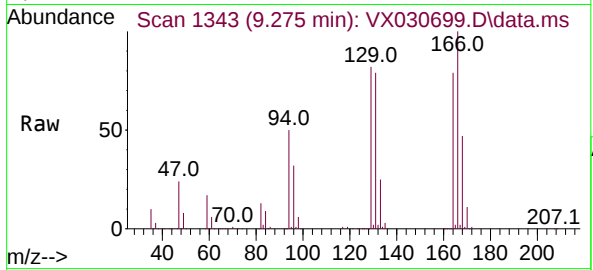
Tgt Ion: 63 Resp: 14012
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#46
 Tetrachloroethene
 Concen: 104.030 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030699.D
 Acq: 19 Aug 2022 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN4DL



Tgt Ion:164 Resp: 172107

Ion	Ratio	Lower	Upper
164	100		
129	103.4	72.7	135.1
131	99.7	69.9	129.9
166	126.2	88.3	164.1

