

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030499.D
 Acq On : 07 Aug 2022 05:36
 Operator : JC/MD
 Sample : N4021-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E22

Quant Time: Aug 07 08:30:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

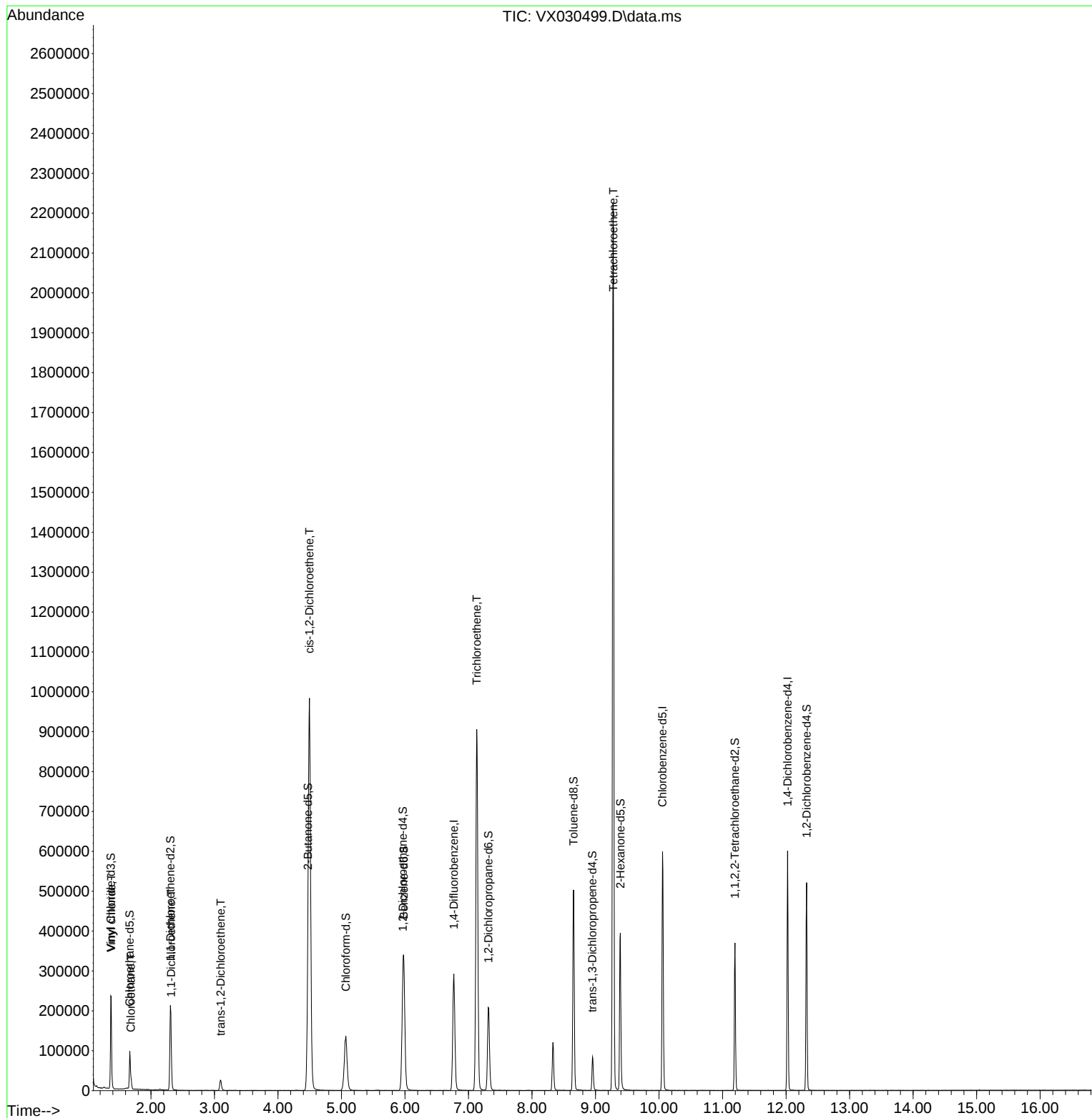
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	279378	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256147	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	108368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	71059	39.607	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.220%
7) Chloroethane-d5	1.666	69	56157	44.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.306	63	116832	34.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.860%
21) 2-Butanone-d5	4.470	46	162989	98.048	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.050%
24) Chloroform-d	5.068	84	161624	43.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	5.964	65	115424	46.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
32) Benzene-d6	5.982	84	319727	43.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.160%
36) 1,2-Dichloropropane-d6	7.311	67	106722	44.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.660%
41) Toluene-d8	8.653	98	282707	40.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.760%
43) trans-1,3-Dichloroprop...	8.951	79	38470	32.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.960%
47) 2-Hexanone-d5	9.390	63	109125	89.933	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.930%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	135927	43.466	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	93955	44.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	97335	50.411	ug/L	100
8) Chloroethane	1.684	64	9692	8.812	ug/L	94
12) 1,1-Dichloroethene	2.318	96	5188	3.318	ug/L	# 1
17) trans-1,2-Dichloroethene	3.099	96	9868	5.447	ug/L	90
20) cis-1,2-Dichloroethene	4.495	96	550880	270.321	ug/L	94
34) Trichloroethene	7.128	95	345552	145.276	ug/L	89
46) Tetrachloroethene	9.280	164	391426	260.388	ug/L	97

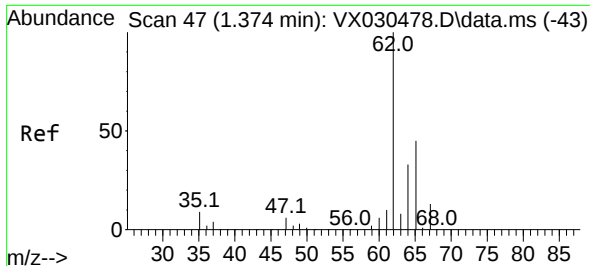
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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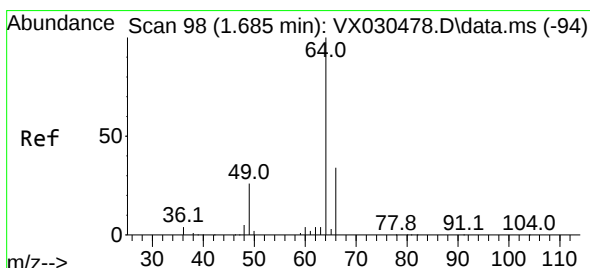
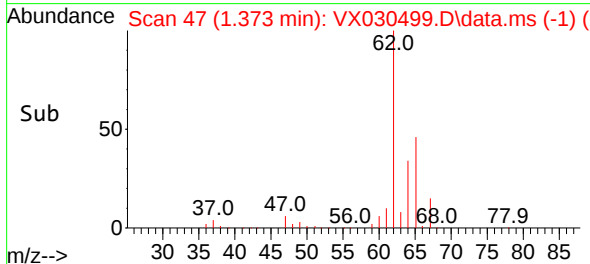
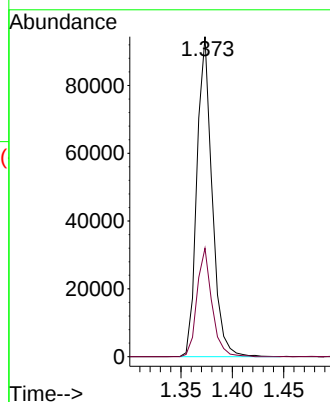
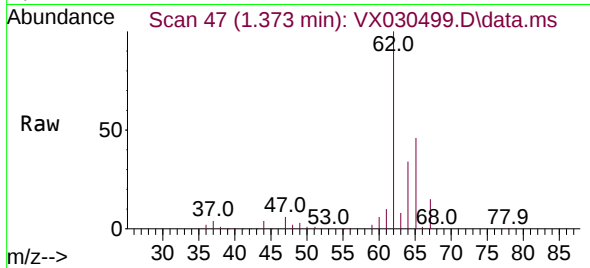




#5
 Vinyl chloride
 Concen: 50.411 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030499.D
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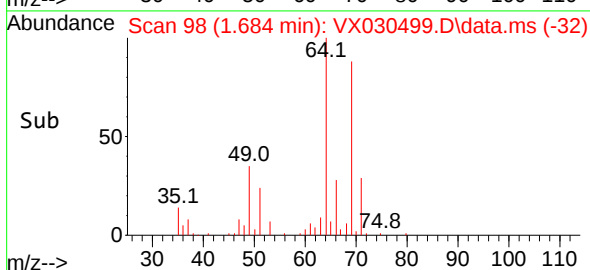
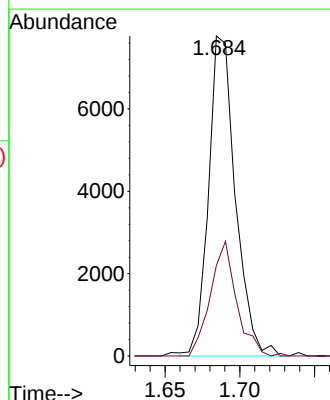
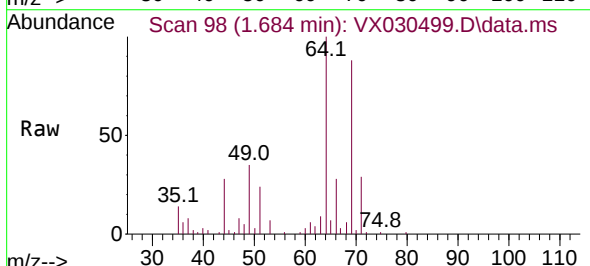
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E22

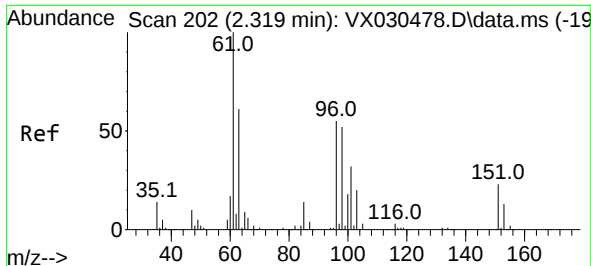
Tgt Ion: 62 Resp: 97335
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.8 44.2



#8
 Chloroethane
 Concen: 8.812 ug/L
 RT: 1.684 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030499.D
 Acq: 07 Aug 2022 05:36

Tgt Ion: 64 Resp: 9692
 Ion Ratio Lower Upper
 64 100
 66 28.3 22.1 41.1





#12

1,1-Dichloroethene

Concen: 3.318 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030499.D

Acq: 07 Aug 2022 05:36

Instrument :

MSVOA_X

ClientSampleId :

F5E22

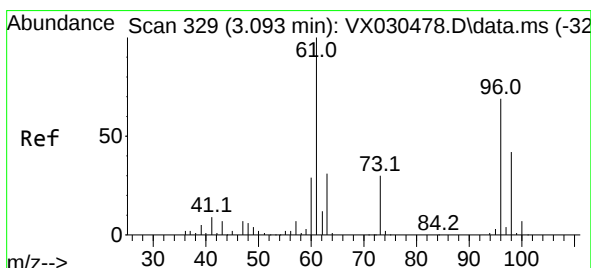
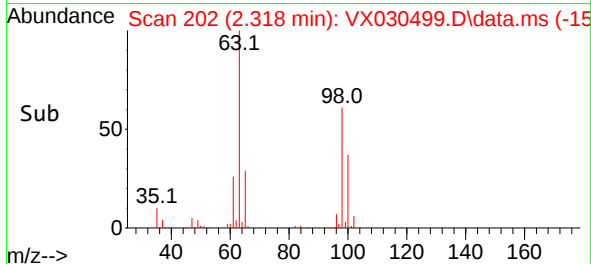
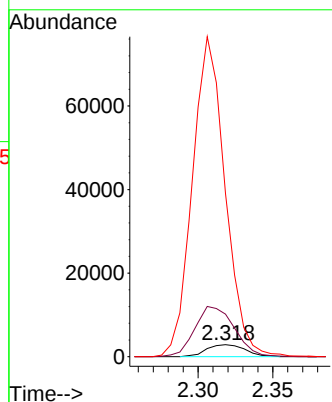
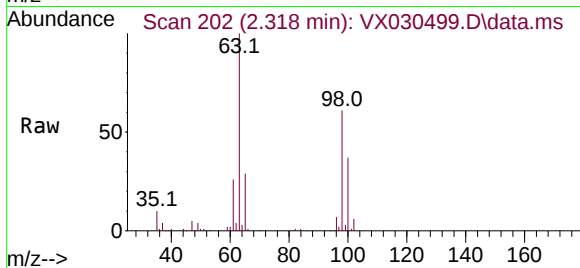
Tgt Ion: 96 Resp: 5188

Ion Ratio Lower Upper

96 100

61 357.3 130.2 241.8#

63 1369.9 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 5.447 ug/L

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX030499.D

Acq: 07 Aug 2022 05:36

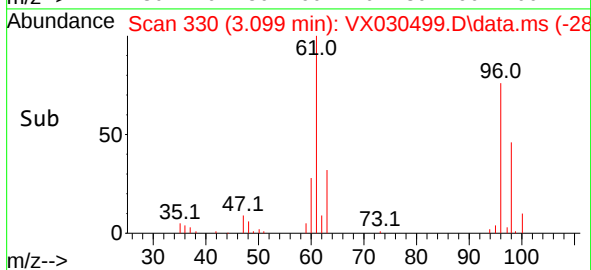
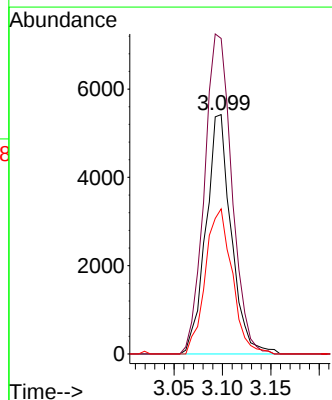
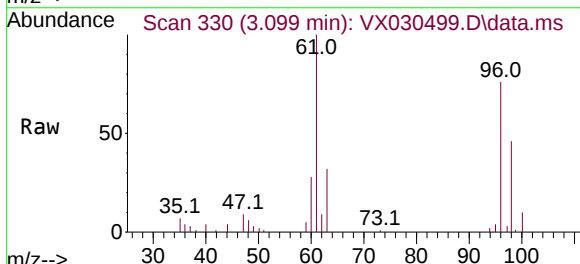
Tgt Ion: 96 Resp: 9868

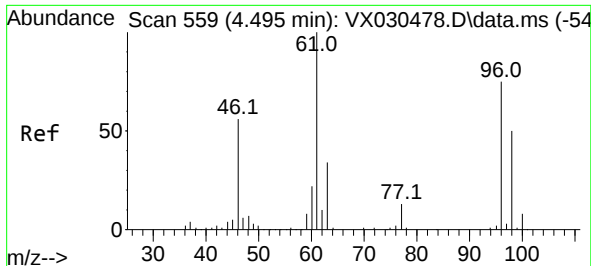
Ion Ratio Lower Upper

96 100

61 131.8 103.7 192.5

98 60.7 41.5 77.1

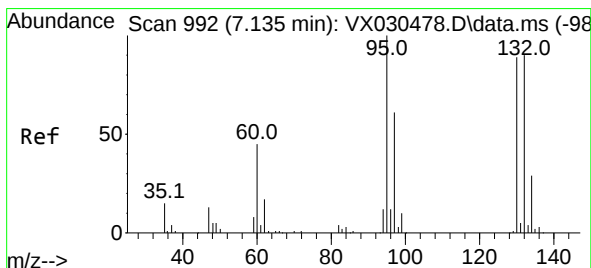
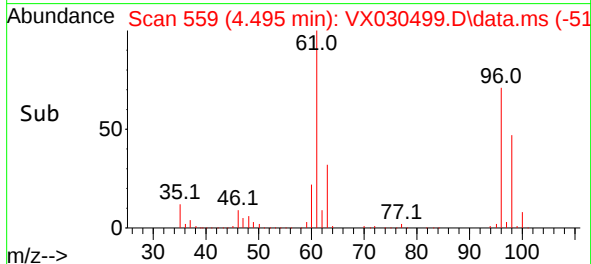
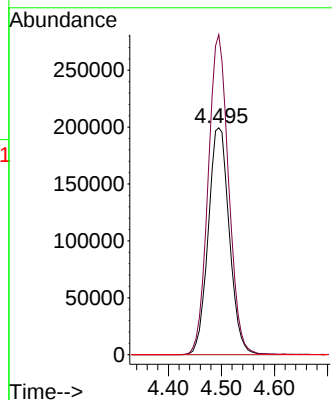
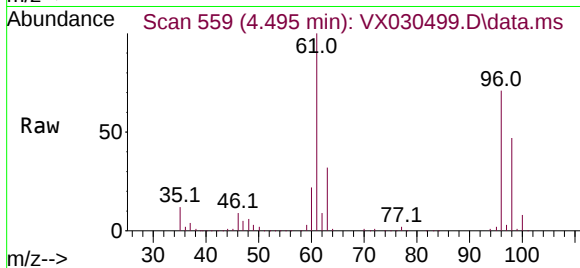




#20
 cis-1,2-Dichloroethene
 Concen: 270.321 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030499.D
 Acq: 07 Aug 2022 05:36

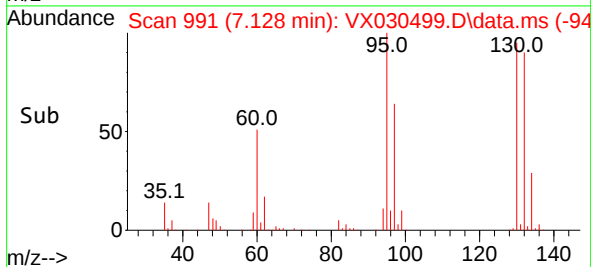
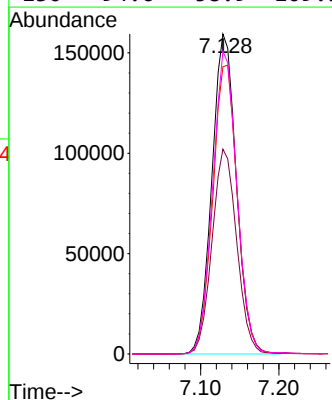
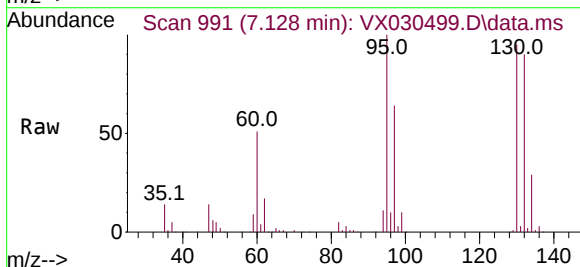
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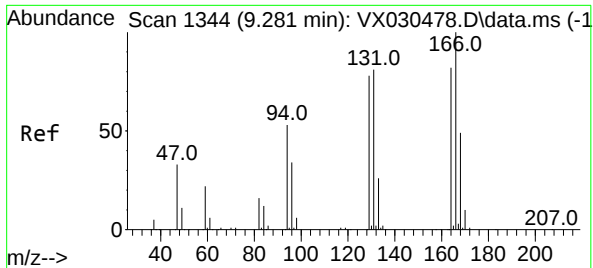
Tgt Ion: 96 Resp: 550880
 Ion Ratio Lower Upper
 96 100
 61 141.0 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 145.276 ug/L
 RT: 7.128 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030499.D
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Tgt Ion: 95 Resp: 345552
 Ion Ratio Lower Upper
 95 100
 97 64.0 40.2 74.6
 132 89.8 55.3 102.7
 130 94.6 58.9 109.5





#46
 Tetrachloroethene
 Concen: 260.388 ug/L
 RT: 9.280 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030499.D
 Acq: 07 Aug 2022 05:36

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E22

Tgt Ion:164 Resp: 391426

Ion	Ratio	Lower	Upper
164	100		
129	101.4	72.7	135.1
131	96.3	69.9	129.9
166	123.5	88.3	164.1

