

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030472.D
 Acq On : 06 Aug 2022 18:16
 Operator : JC/MD
 Sample : N4021-15DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 00:19:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.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)

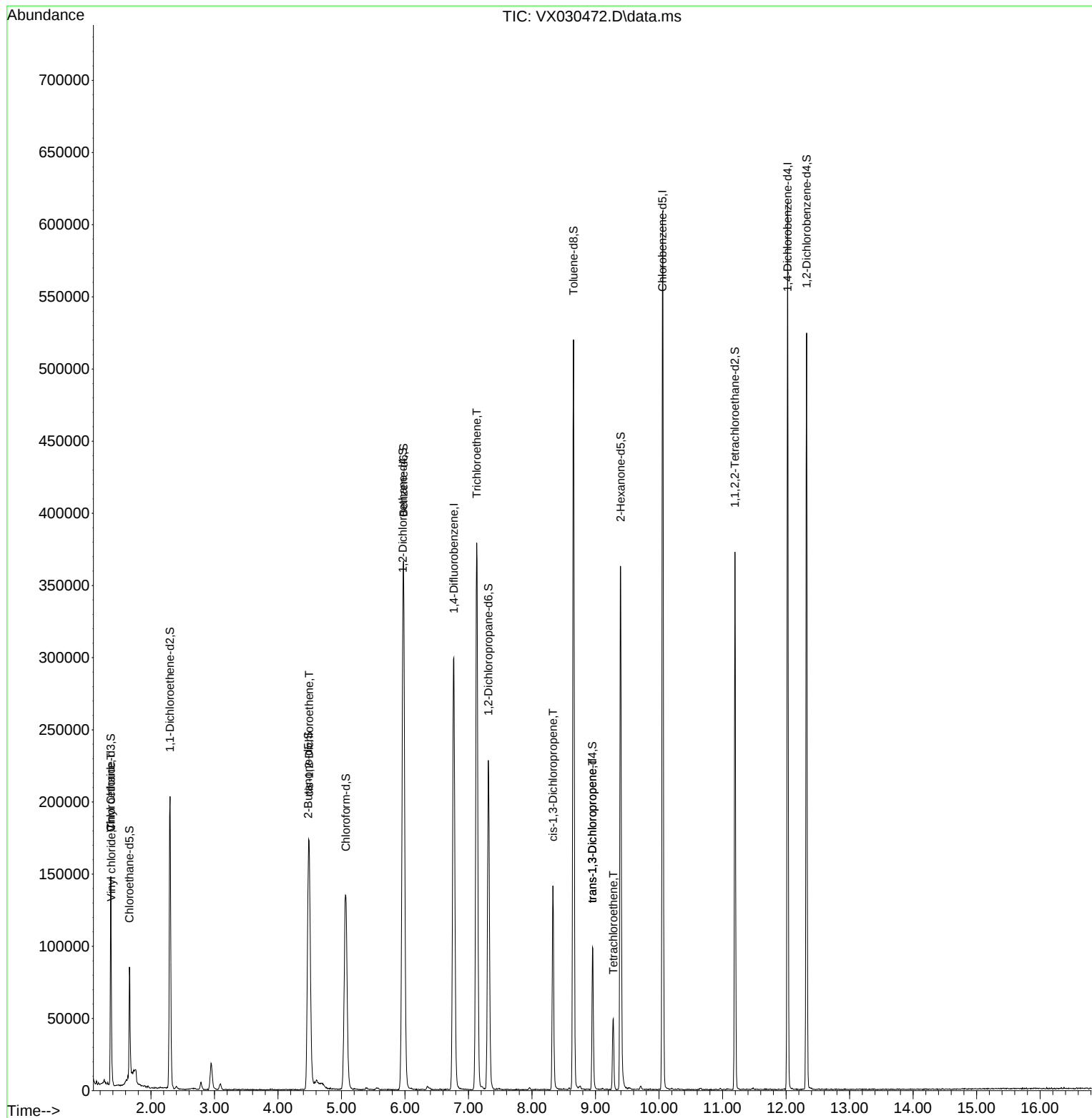
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	300106	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263866	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	80239	41.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.260%
7) Chloroethane-d5	1.660	69	42969	31.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.260%#
11) 1,1-Dichloroethene-d2	2.300	63	118322	32.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.920%
21) 2-Butanone-d5	4.477	46	176086	98.610	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.610%
24) Chloroform-d	5.068	84	171123	43.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.260%
26) 1,2-Dichloroethane-d4	5.964	65	120079	44.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
32) Benzene-d6	5.976	84	341885	45.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.460%
36) 1,2-Dichloropropane-d6	7.312	67	114268	46.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	8.653	98	303151	42.550	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.100%
43) trans-1,3-Dichloroprop...	8.952	79	46484	38.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.200%
47) 2-Hexanone-d5	9.397	63	112118	89.697	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.700%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	137389	42.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.300%
66) 1,2-Dichlorobenzene-d4	12.323	152	96591	43.737	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.480%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	18692	9.012	ug/L	94
8) Chloroethane	1.368	64	7223	6.114	ug/L	91
20) cis-1,2-Dichloroethene	4.489	96	61315	28.010	ug/L	87
34) Trichloroethene	7.129	95	149472	61.002	ug/L	87
39) cis-1,3-Dichloropropene	8.330	75	3325	0.991	ug/L #	51
44) trans-1,3-Dichloropropene	8.952	75	2622	0.798	ug/L	97
46) Tetrachloroethene	9.281	164	8774	5.666	ug/L	96

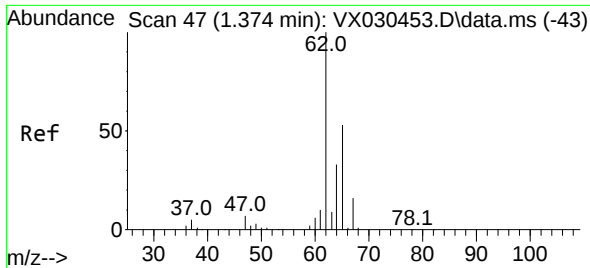
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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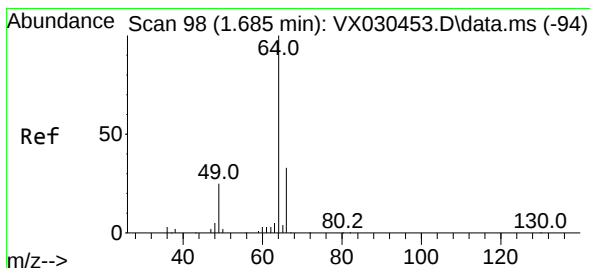
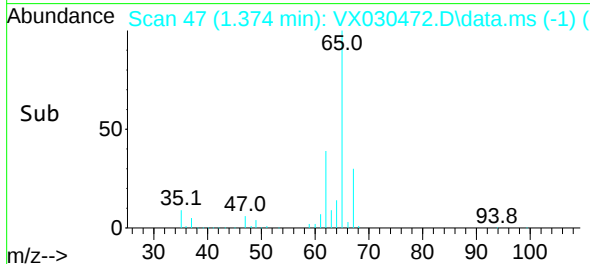
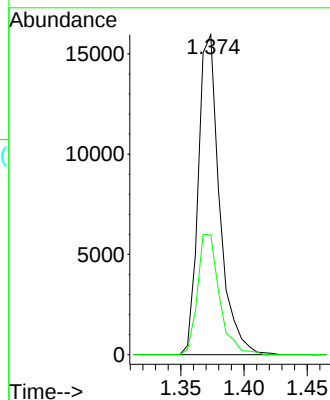
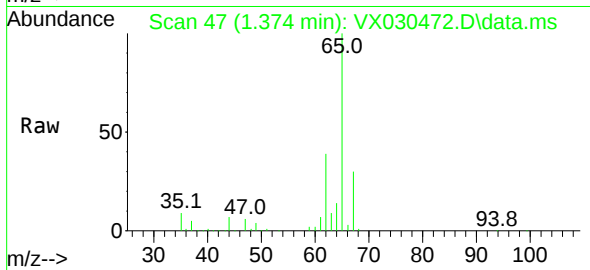




#5
 Vinyl chloride
 Concen: 9.012 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030472.D
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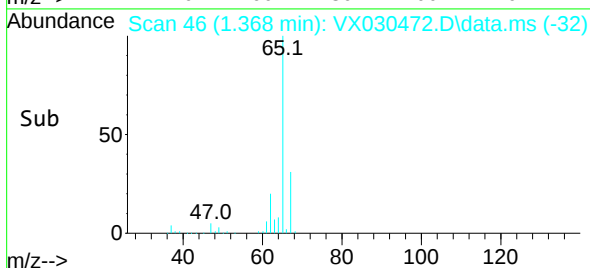
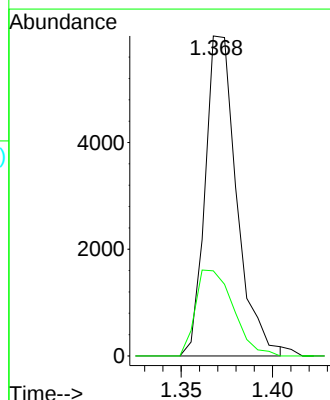
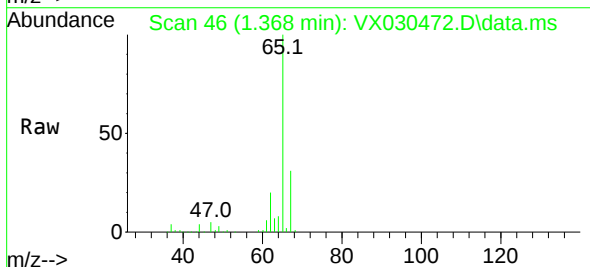
Instrument :
 MSVOA_X
 ClientSampleId :

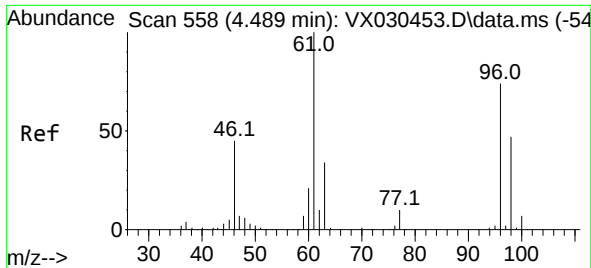
Tgt Ion: 62 Resp: 18692
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.8 44.2



#8
 Chloroethane
 Concen: 6.114 ug/L
 RT: 1.368 min Scan# 46
 Delta R.T. -0.317 min
 Lab File: VX030472.D
 Acq: 06 Aug 2022 18:16

Tgt Ion: 64 Resp: 7223
 Ion Ratio Lower Upper
 64 100
 66 26.6 22.1 41.1

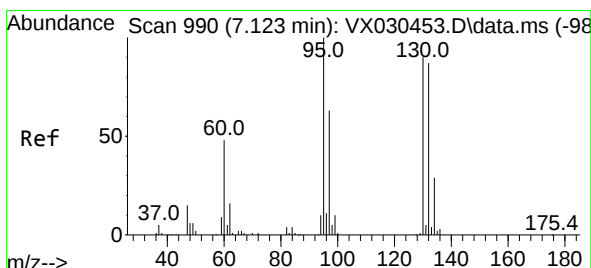
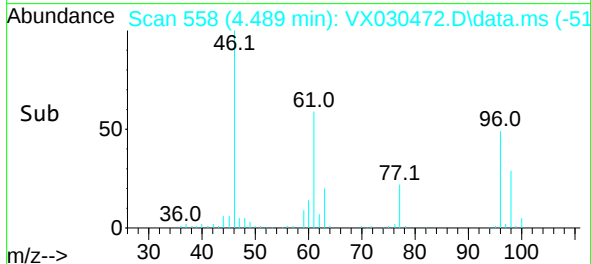
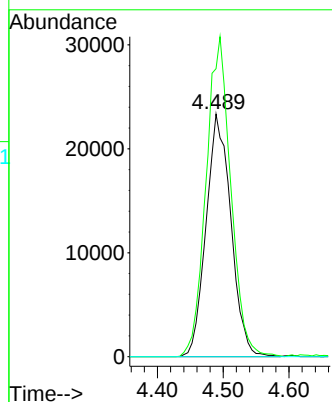
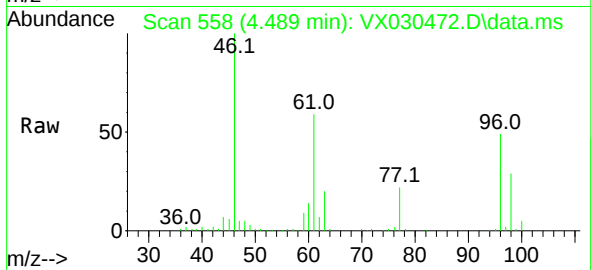




#20
 cis-1,2-Dichloroethene
 Concen: 28.010 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX030472.D
 Acq: 06 Aug 2022 18:16

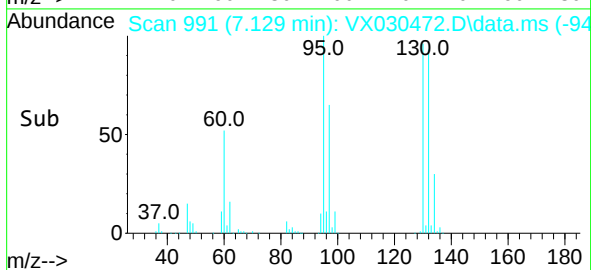
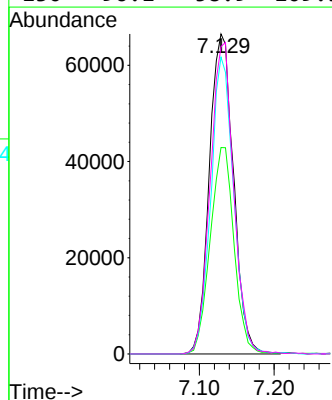
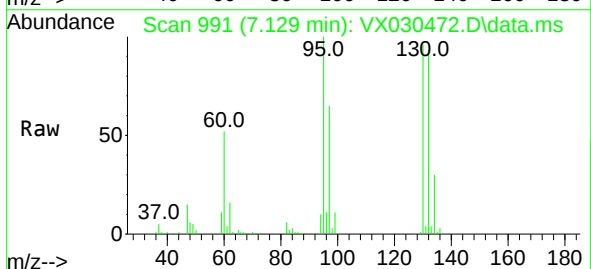
Instrument :
 MSVOA_X
 ClientSampleId :

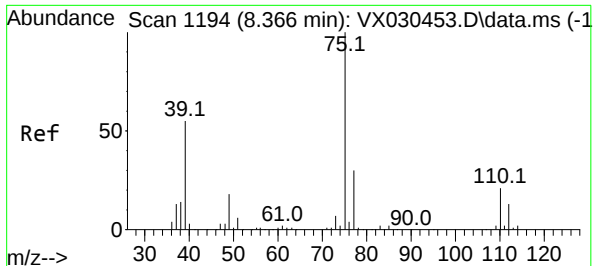
Tgt Ion: 96 Resp: 61315
 Ion Ratio Lower Upper
 96 100
 61 118.8 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 61.002 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030472.D
 Acq: 06 Aug 2022 18:16

Tgt Ion: 95 Resp: 149472
 Ion Ratio Lower Upper
 95 100
 97 64.5 40.2 74.6
 132 92.7 55.3 102.7
 130 96.1 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 0.991 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX030472.D

Acq: 06 Aug 2022 18:16

Instrument :

MSVOA_X

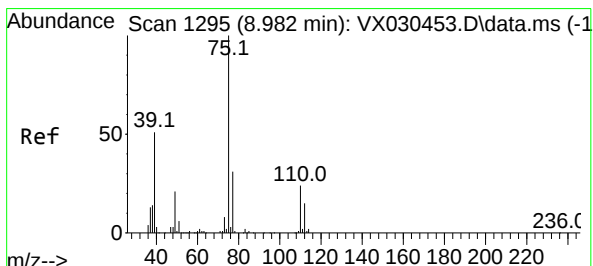
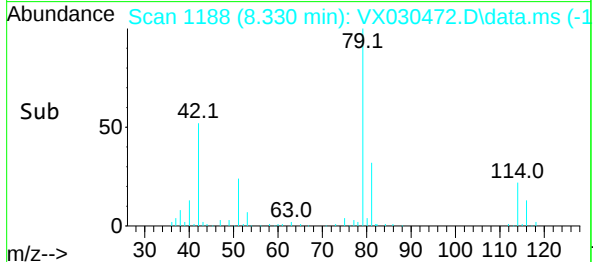
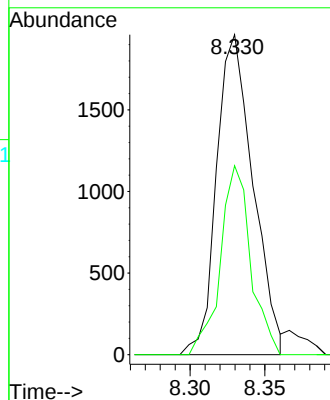
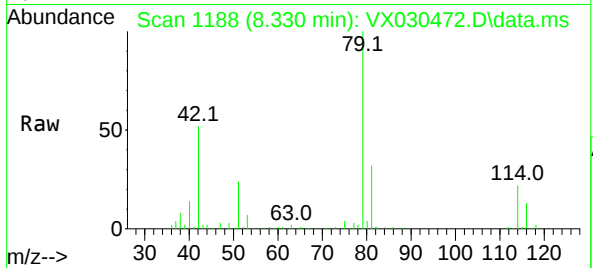
ClientSampleId :

Tgt Ion: 75 Resp: 3325

Ion Ratio Lower Upper

75 100

77 59.1 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.798 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX030472.D

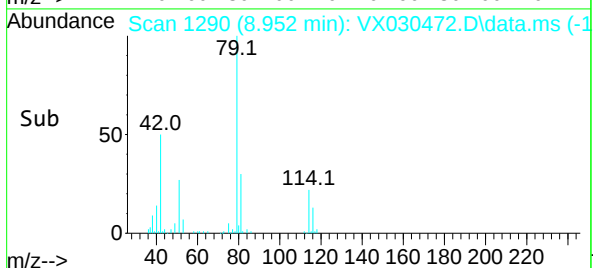
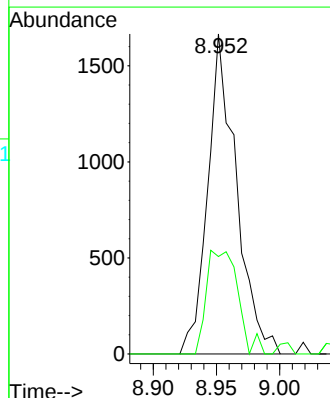
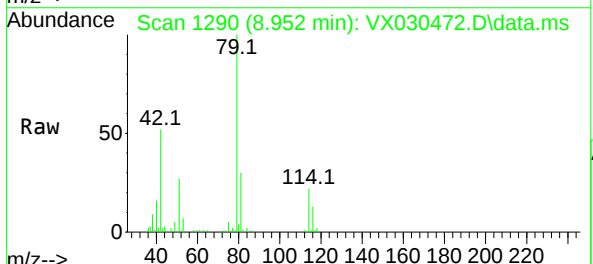
Acq: 06 Aug 2022 18:16

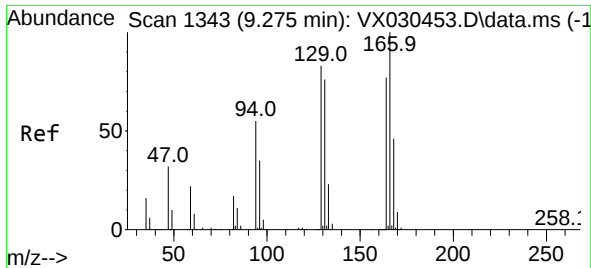
Tgt Ion: 75 Resp: 2622

Ion Ratio Lower Upper

75 100

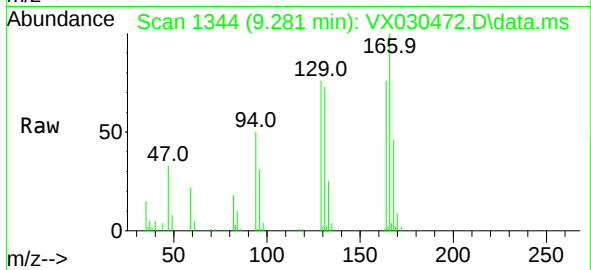
77 30.4 22.5 41.7





#46
 Tetrachloroethene
 Concen: 5.666 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030472.D
 Acq: 06 Aug 2022 18:16

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	164	Resp:	8774
Ion	Ratio	Lower	Upper
164	100		
129	99.6	72.7	135.1
131	95.4	69.9	129.9
166	131.5	88.3	164.1

