

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030489.D
 Acq On : 07 Aug 2022 01:42
 Operator : JC/MD
 Sample : N4021-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E24

Quant Time: Aug 07 05:47:38 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)

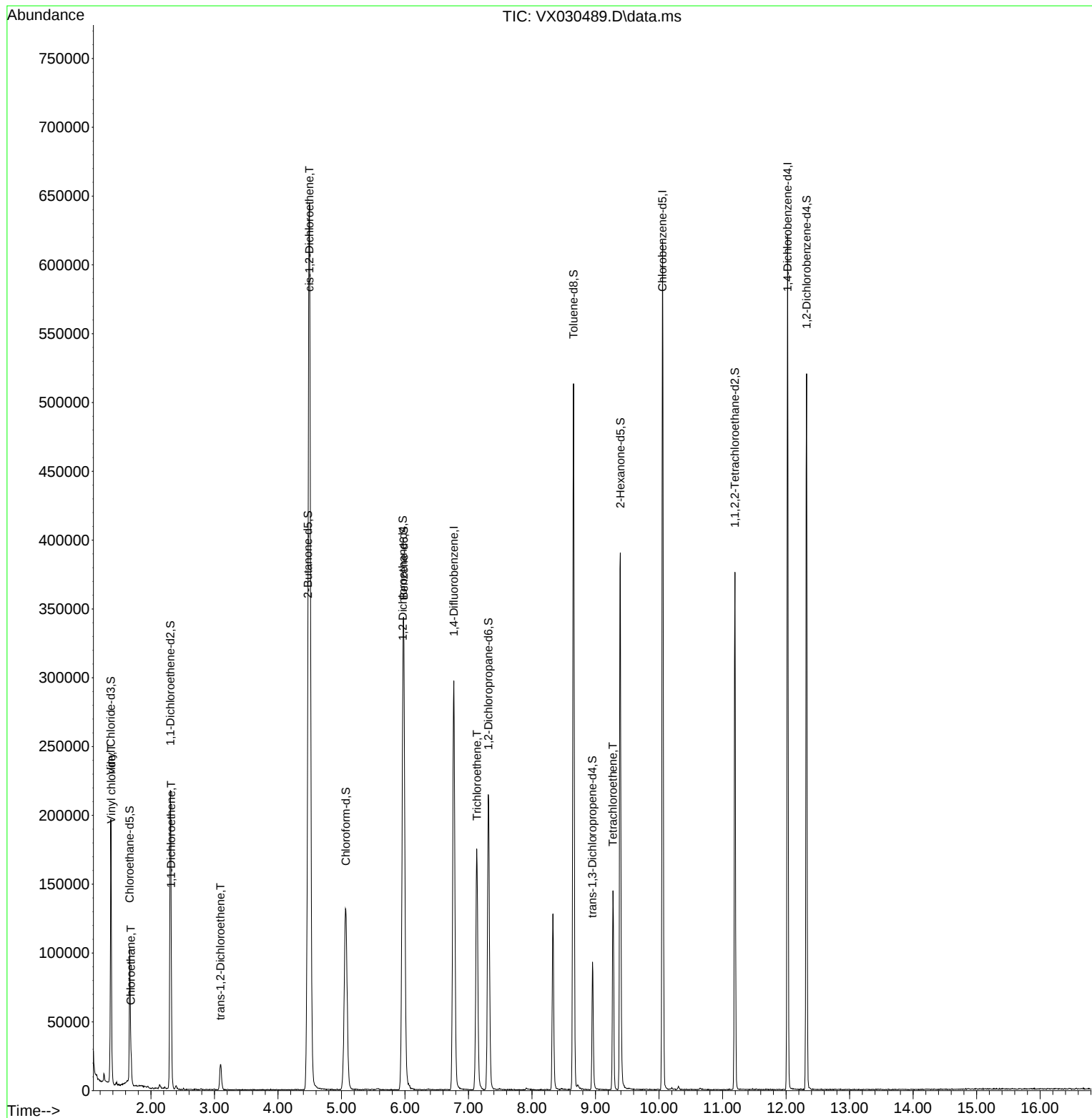
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	284445	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	259161	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73829	40.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.840%
7) Chloroethane-d5	1.666	69	58331	45.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.306	63	124225	35.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.900%
21) 2-Butanone-d5	4.471	46	163338	96.508	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.510%
24) Chloroform-d	5.068	84	165080	43.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.964	65	116047	45.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
32) Benzene-d6	5.983	84	323299	43.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.100%
36) 1,2-Dichloropropane-d6	7.312	67	107489	44.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.260%
41) Toluene-d8	8.653	98	291511	41.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	8.952	79	42480	35.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.900%
47) 2-Hexanone-d5	9.391	63	109754	89.400	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141926	44.856	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.720%
66) 1,2-Dichlorobenzene-d4	12.323	152	95961	43.402	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	54055	27.497	ug/L	97
8) Chloroethane	1.685	64	8483	7.576	ug/L	97
12) 1,1-Dichloroethene	2.319	96	2347	1.474	ug/L	# 1
17) trans-1,2-Dichloroethene	3.093	96	7206	3.907	ug/L	93
20) cis-1,2-Dichloroethene	4.495	96	353647	170.446	ug/L	98
34) Trichloroethene	7.135	95	65705	27.302	ug/L	91
46) Tetrachloroethene	9.275	164	24561	16.149	ug/L	94

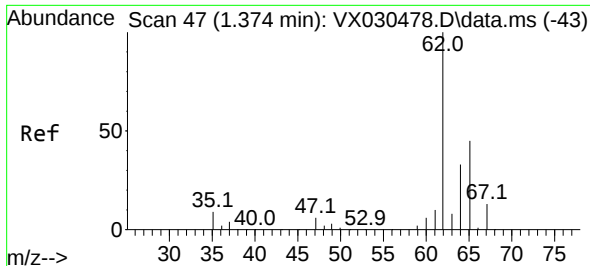
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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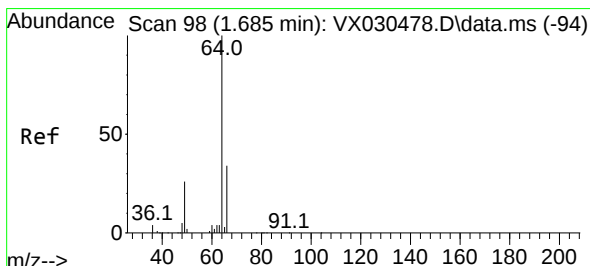
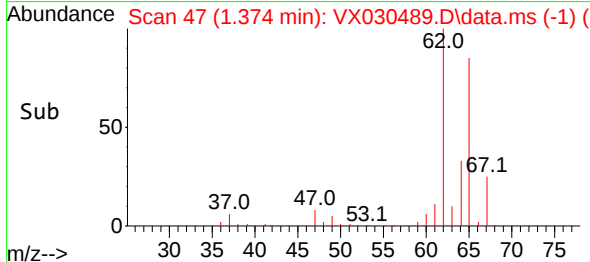
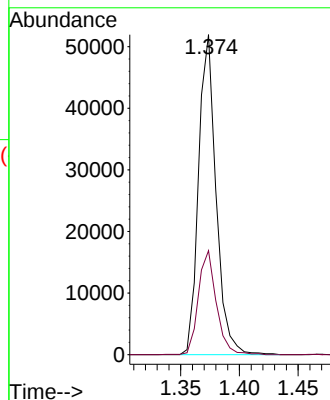
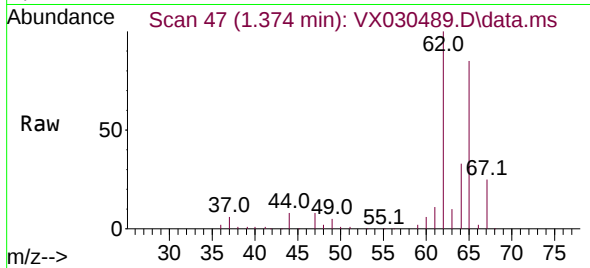




#5
 Vinyl chloride
 Concen: 27.497 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030489.D
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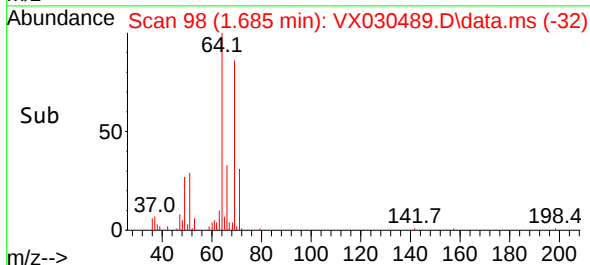
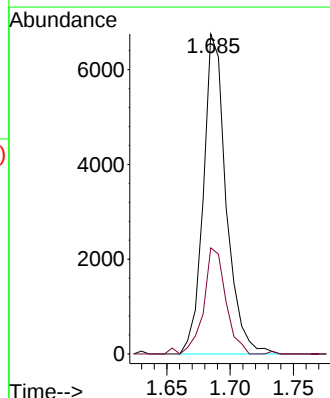
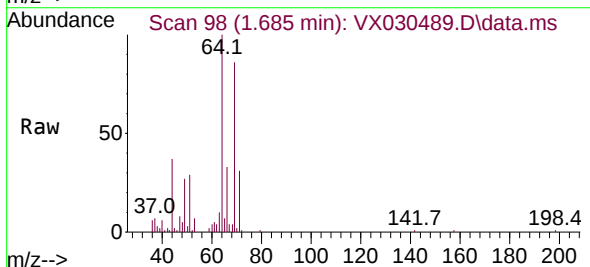
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E24

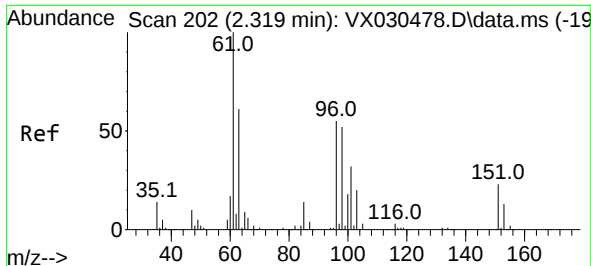
Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.8	44.2



#8
 Chloroethane
 Concen: 7.576 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030489.D
 Acq: 07 Aug 2022 01:42

Tgt Ion	Ratio	Lower	Upper
64	100		
66	33.2	22.1	41.1





#12

1,1-Dichloroethene

Concen: 1.474 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030489.D

Acq: 07 Aug 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

F5E24

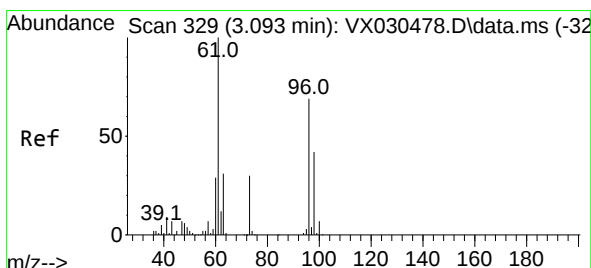
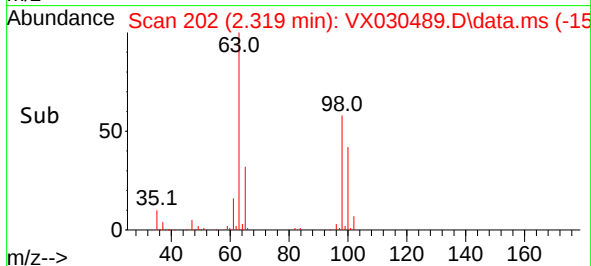
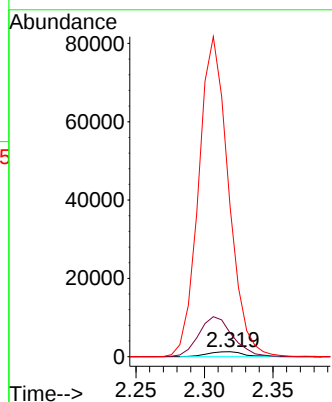
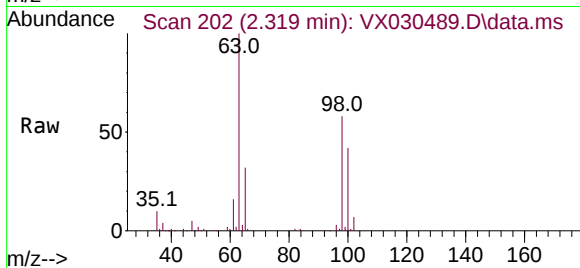
Tgt Ion: 96 Resp: 2347

Ion Ratio Lower Upper

96 100

61 473.7 130.2 241.8#

63 3000.5 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 3.907 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030489.D

Acq: 07 Aug 2022 01:42

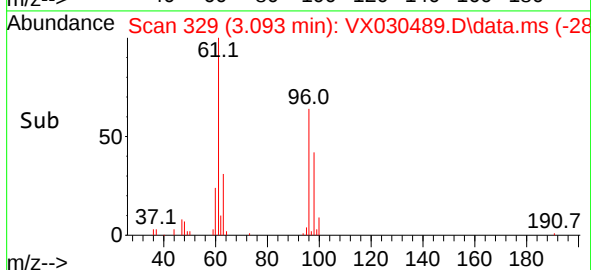
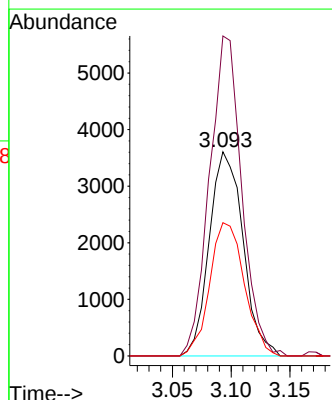
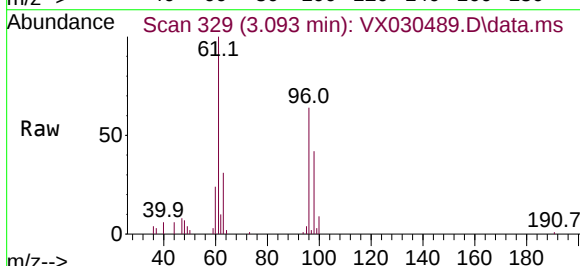
Tgt Ion: 96 Resp: 7206

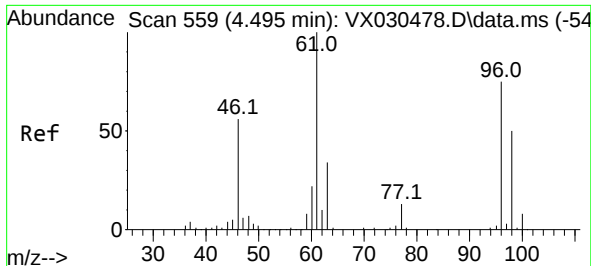
Ion Ratio Lower Upper

96 100

61 156.7 103.7 192.5

98 65.3 41.5 77.1

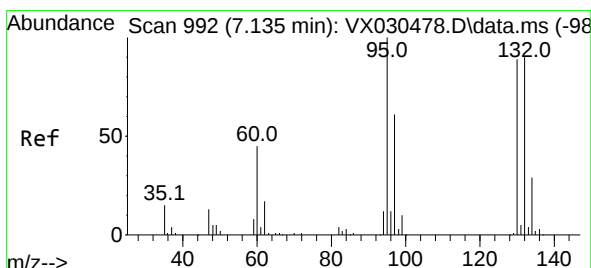
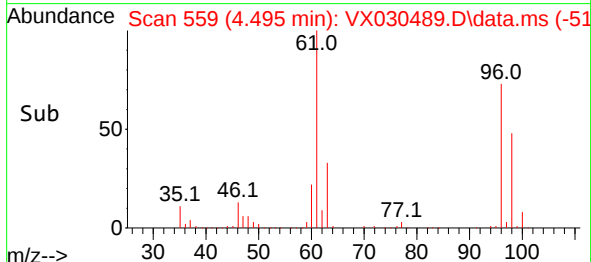
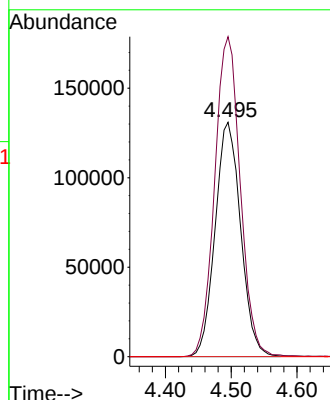
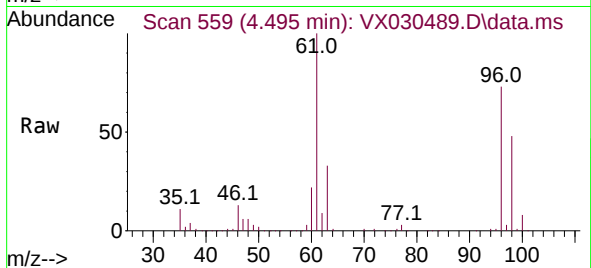




#20
 cis-1,2-Dichloroethene
 Concen: 170.446 ug/L
 RT: 4.495 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX030489.D
 Acq: 07 Aug 2022 01:42

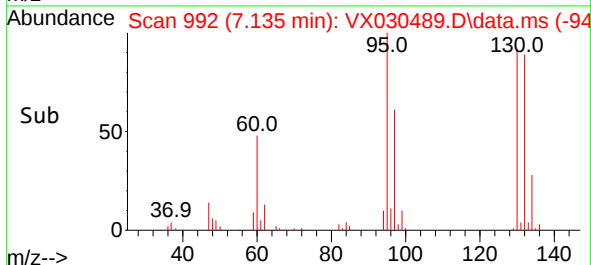
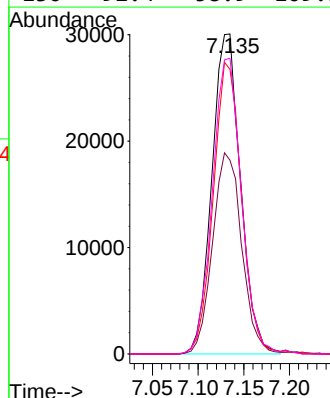
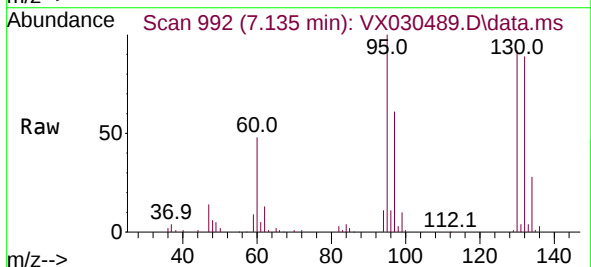
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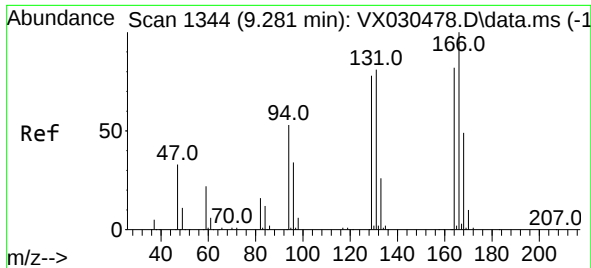
Tgt Ion: 96 Resp: 353647
 Ion Ratio Lower Upper
 96 100
 61 136.5 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 27.302 ug/L
 RT: 7.135 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VX030489.D
 Acq: 07 Aug 2022 01:42

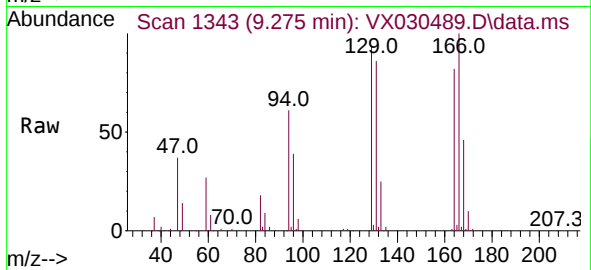
Tgt Ion: 95 Resp: 65705
 Ion Ratio Lower Upper
 95 100
 97 60.5 40.2 74.6
 132 89.0 55.3 102.7
 130 92.4 58.9 109.5





#46
 Tetrachloroethene
 Concen: 16.149 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030489.D
 Acq: 07 Aug 2022 01:42

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E24



Tgt Ion:	164	Resp:	24561
Ion	Ratio	Lower	Upper
164	100		
129	114.1	72.7	135.1
131	105.0	69.9	129.9
166	122.5	88.3	164.1

