

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022013.D
 Acq On : 14 May 2021 22:35
 Operator : JC/MD
 Sample : M2410-10
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N5

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 10:42:36 AM

Quant Time: May 14 23:42:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 23:38:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	68615	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	62095	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	28288	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25136	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.673	69	20384	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.307	63	36404	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.477	46	60887	45.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.70%
24) Chloroform-d	5.068	84	39870	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.971	65	23989	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.977	84	100536	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.312	67	30001	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	8.653	98	92850	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloroprop...	8.952	79	11844	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	9.385	63	53523	44.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.36%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21059	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	28247	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.117	73	14513	1.19	ug/L	99
19) 1,1-Dichloroethane	3.617	63	5026	0.55	ug/L #	93
22) cis-1,2-Dichloroethene	4.489	96	8224	1.43	ug/L	98
25) Chloroform	5.105	83	12298	1.29	ug/L	95
29) 1,1,1-Trichloroethane	5.397	97	2413m	0.28	ug/L	
34) Trichloroethene	7.135	95	1351192	242.00	ug/L	95
47) Tetrachloroethene	9.275	164	34870	9.35	ug/L	97
61) 1,2,3-Trichloropropane	11.250	75	774	0.26	ug/L	96

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

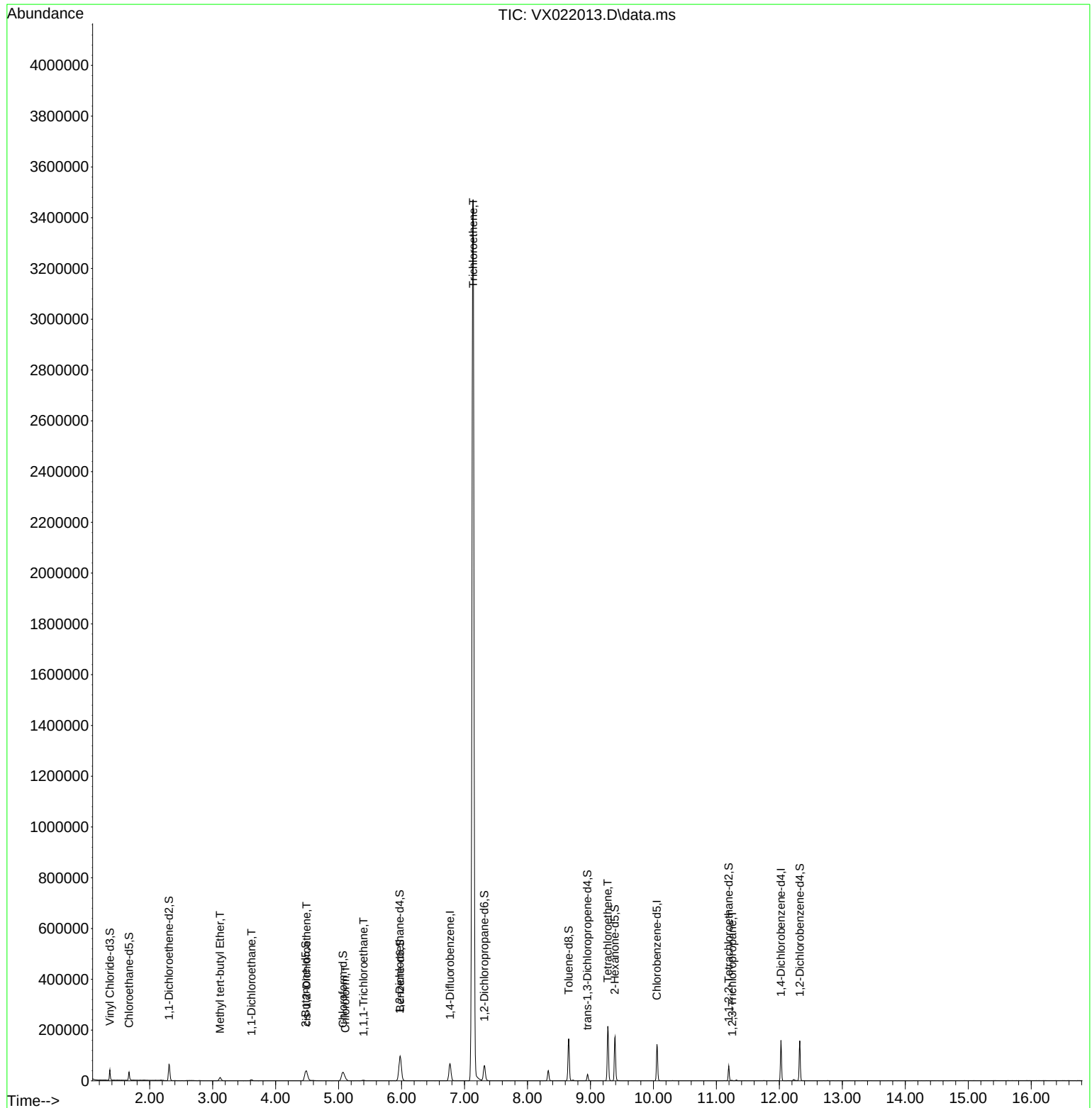
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
Data File : VX022013.D
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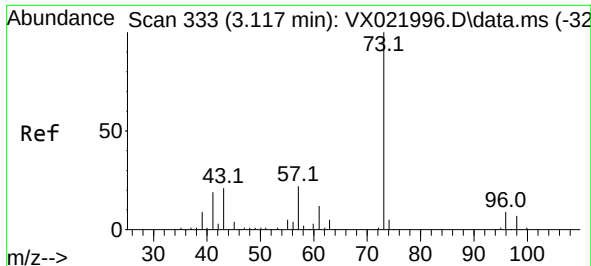
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Quant Title : TRACE VOA SFAM1.0
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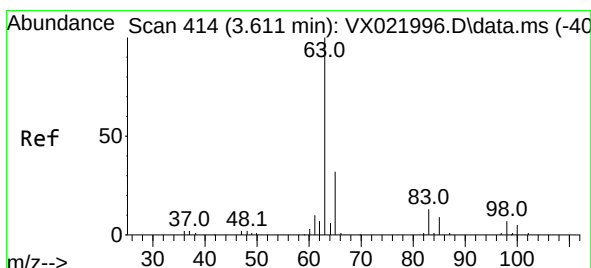
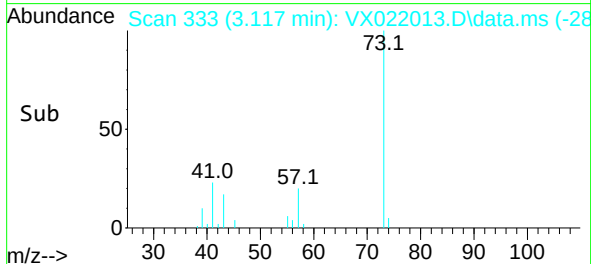
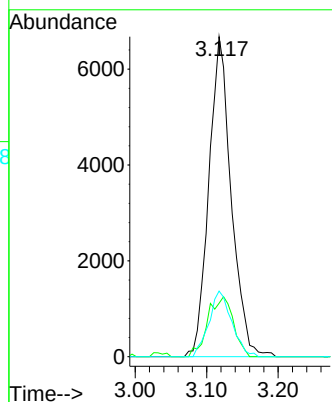
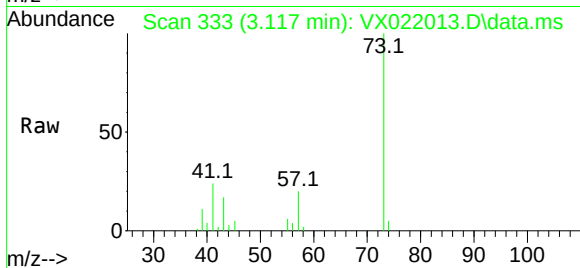
#17
Methyl tert-butyl Ether
Concen: 1.19 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX022013.D
Acq: 14 May 2021 22:35

Tgt Ion:	73	Resp:	14513
Ion	Ratio	Lower	Upper
73	100		
43	21.4	16.5	24.7
57	20.9	17.1	25.7

Instrument :
MSVOA_X
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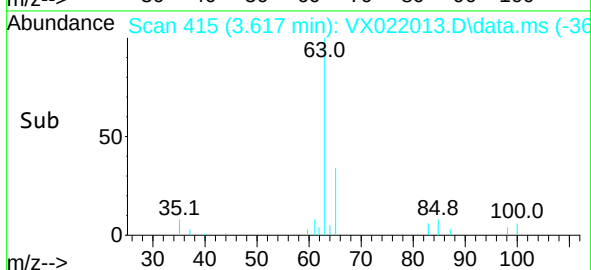
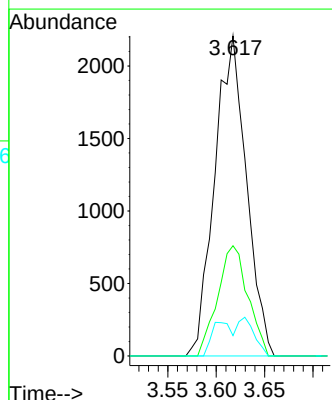
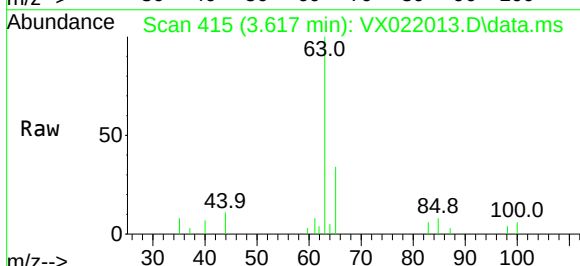
Manual Integrations
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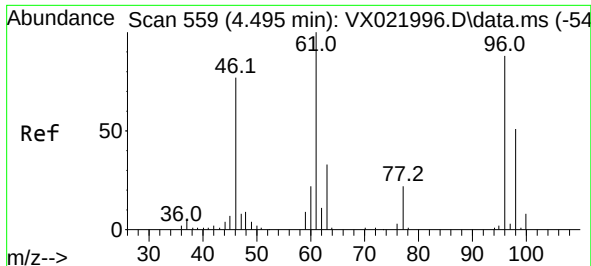
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5/17/2021 10:42:36 AM



#19
1,1-Dichloroethane
Concen: 0.55 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022013.D
Acq: 14 May 2021 22:35

Tgt Ion:	63	Resp:	5026
Ion	Ratio	Lower	Upper
63	100		
65	34.5	22.5	41.9
83	6.3	8.7	16.1





#22

cis-1,2-Dichloroethene

Concen: 1.43 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX022013.D

Acq: 14 May 2021 22:35

Tgt Ion:	96	Resp:	8224
Ion	Ratio	Lower	Upper
96	100		
61	117.7	80.9	150.3
68	0.0	0.0	0.0

Instrument :

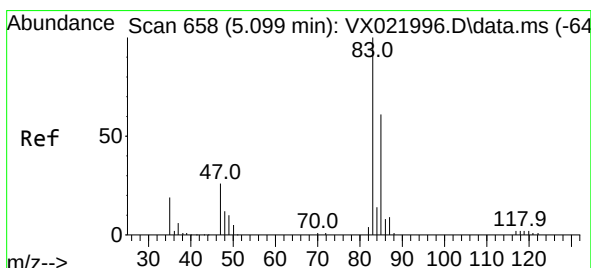
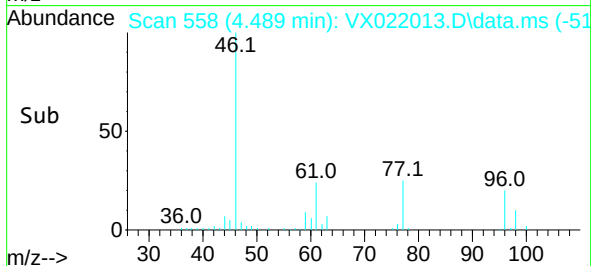
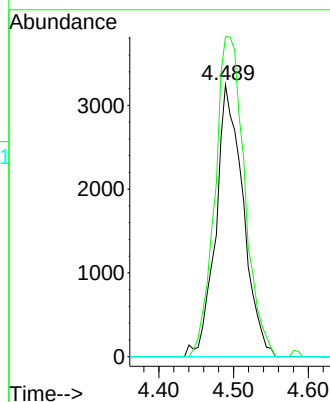
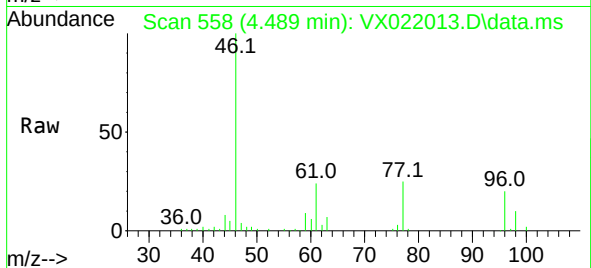
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#25

Chloroform

Concen: 1.29 ug/L

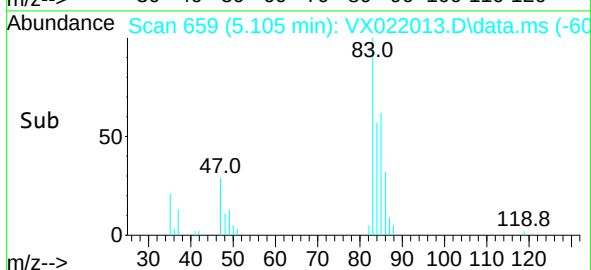
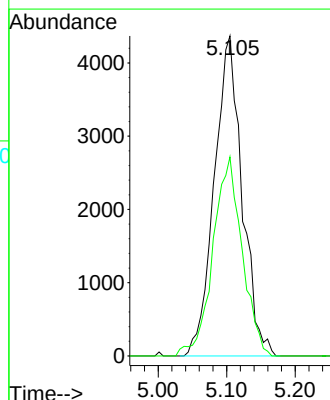
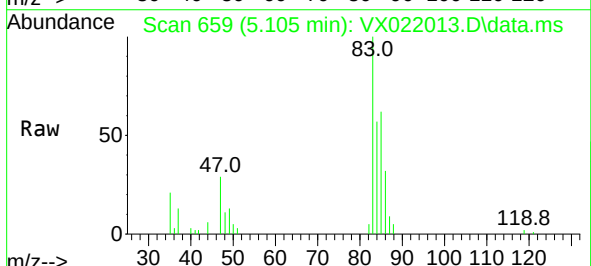
RT: 5.105 min Scan# 659

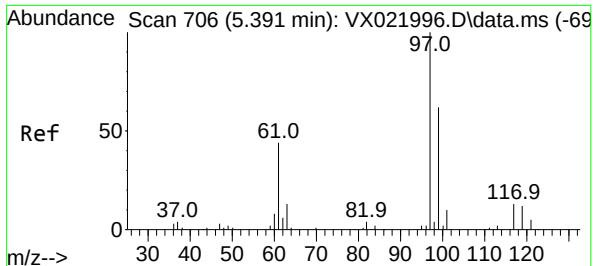
Delta R.T. 0.006 min

Lab File: VX022013.D

Acq: 14 May 2021 22:35

Tgt Ion:	83	Resp:	12298
Ion	Ratio	Lower	Upper
83	100		
85	62.2	46.3	86.1





#29

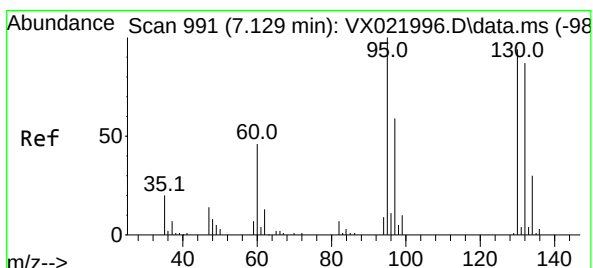
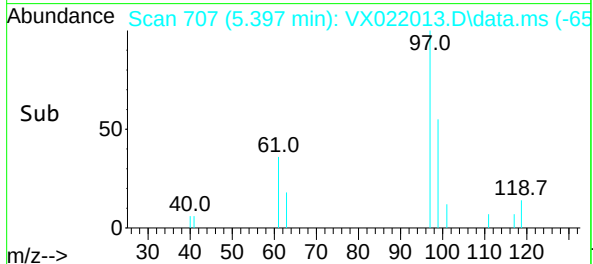
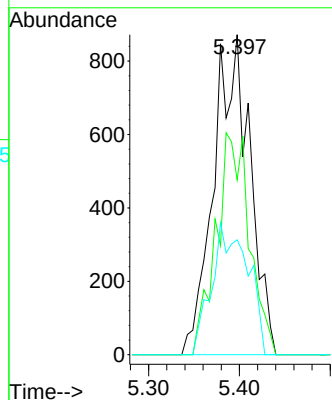
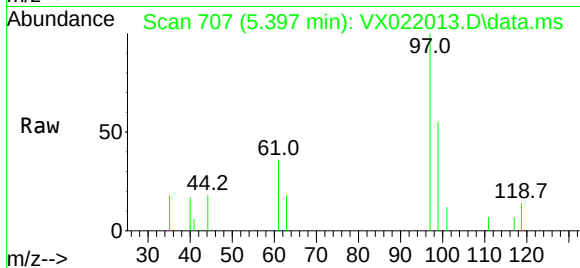
1,1,1-Trichloroethane
Concen: 0.28 ug/L m
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022013.D
Acq: 14 May 2021 22:35

Tgt Ion: 97	Resp: 2413
Ion Ratio	Lower Upper
97 100	
99 63.8	51.4 77.0
61 40.9	35.4 53.2

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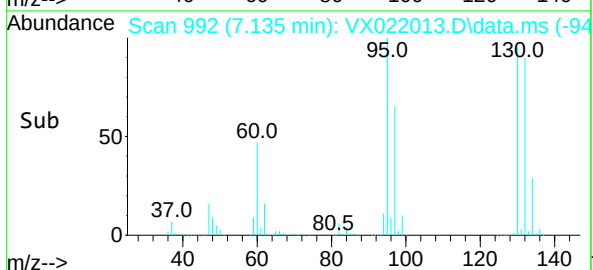
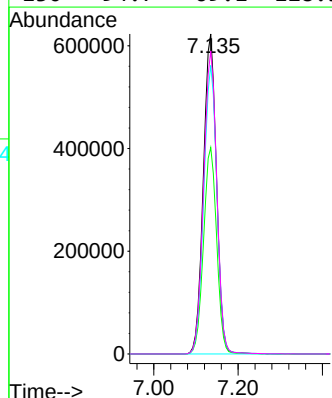
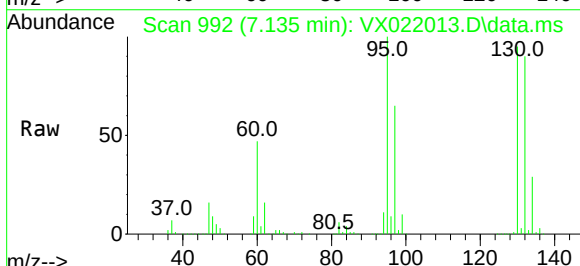
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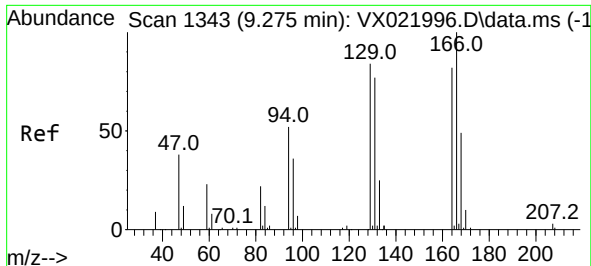


#34

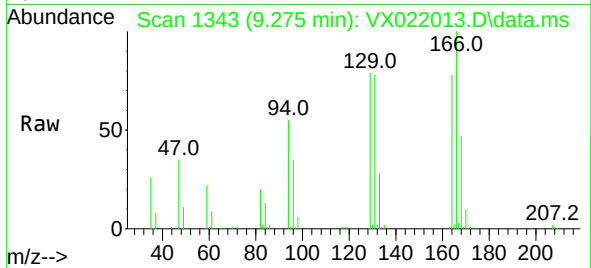
Trichloroethene
Concen: 242.00 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022013.D
Acq: 14 May 2021 22:35

Tgt Ion: 95	Resp: 1351192
Ion Ratio	Lower Upper
95 100	
97 64.5	48.6 90.2
132 90.1	67.3 125.1
130 94.7	69.1 128.3

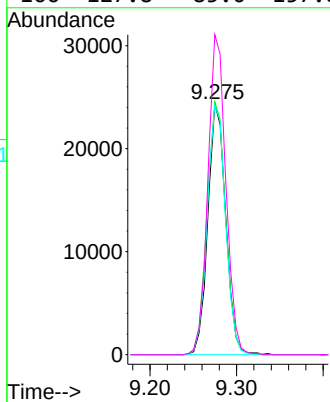
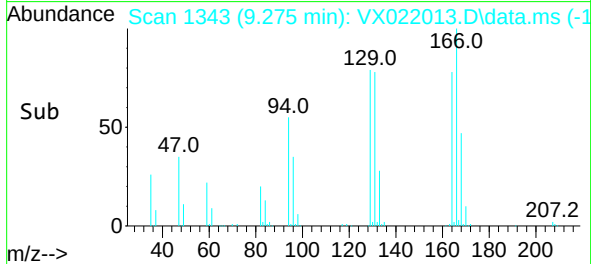




#47
Tetrachloroethene
Concen: 9.35 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX022013.D
Acq: 14 May 2021 22:35



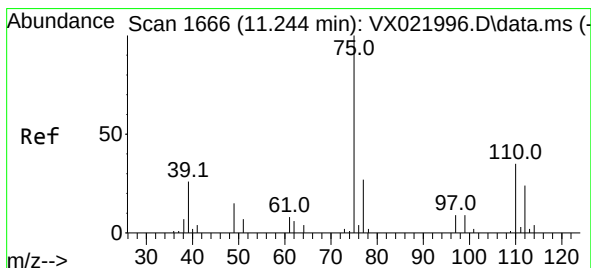
Tgt Ion:164 Resp: 34870
Ion Ratio Lower Upper
164 100
129 101.0 73.1 135.7
131 99.5 69.1 128.3
166 127.8 85.0 157.8



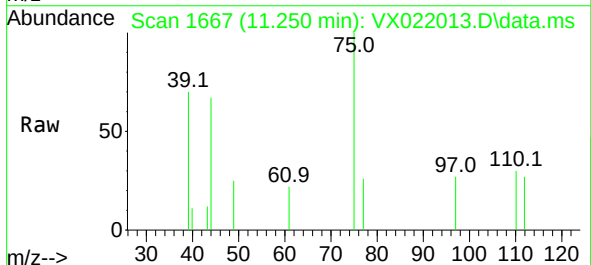
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#61
1,2,3-Trichloropropane
Concen: 0.26 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. 0.006 min
Lab File: VX022013.D
Acq: 14 May 2021 22:35



Tgt Ion: 75 Resp: 774
Ion Ratio Lower Upper
75 100
77 35.0 24.6 37.0
110 41.0 32.3 48.5

