

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030445.D
 Acq On : 05 Aug 2022 22:02
 Operator : JC/MD
 Sample : N4066-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D94

Quant Time: Aug 06 02:22:47 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)

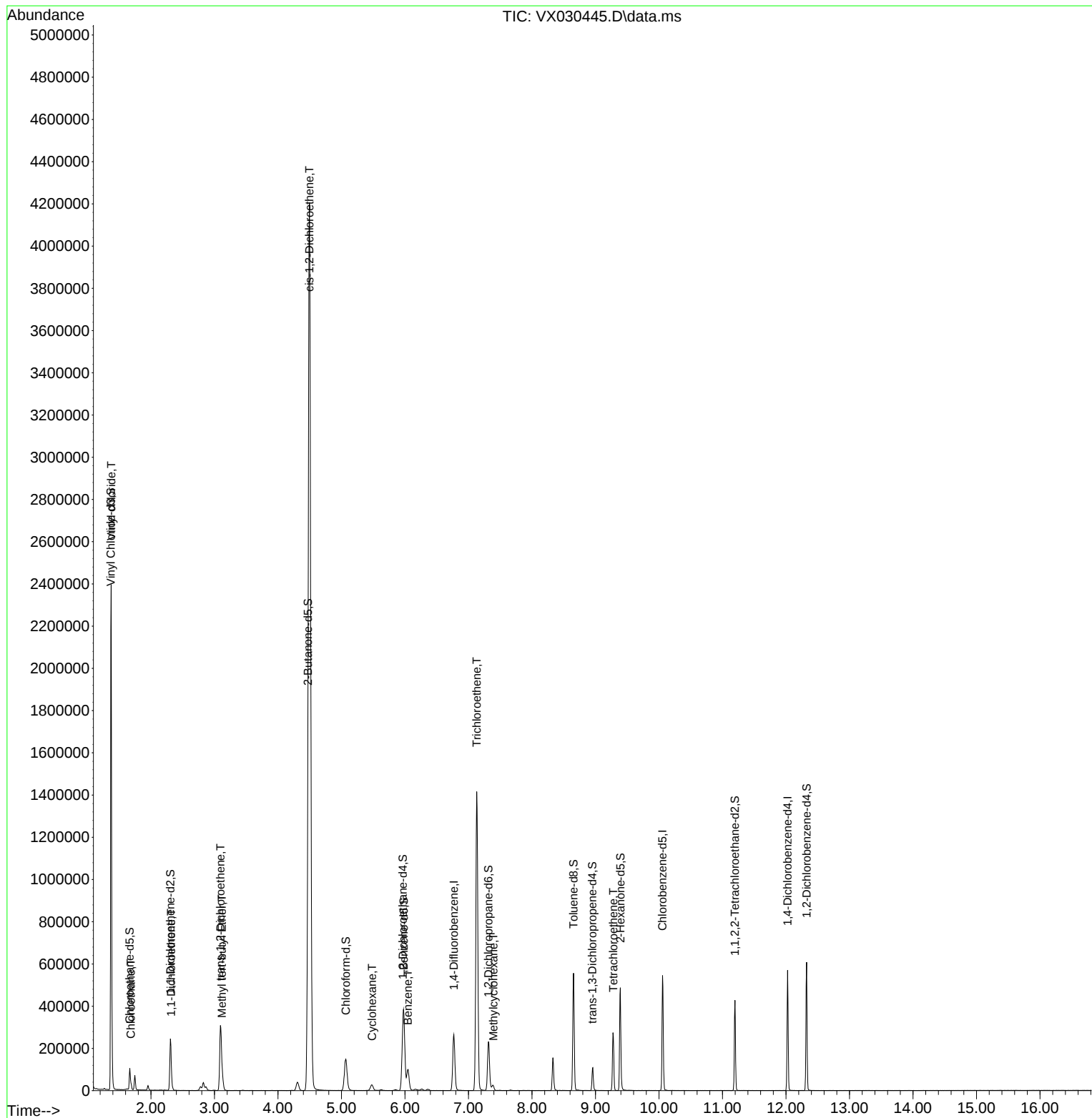
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	258634	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	227133	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105718	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90280	54.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.720%	
7) Chloroethane-d5	1.666	69	63643	54.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.720%	
11) 1,1-Dichloroethene-d2	2.307	63	130303	41.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 82.940%	
21) 2-Butanone-d5	4.471	46	201069	130.657	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 130.660%#	
24) Chloroform-d	5.068	84	180761	52.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.740%	
26) 1,2-Dichloroethane-d4	5.964	65	130854	56.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.740%	
32) Benzene-d6	5.983	84	353496	54.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.660%	
36) 1,2-Dichloropropane-d6	7.312	67	119115	56.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 112.860%	
41) Toluene-d8	8.653	98	314807	51.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.660%	
43) trans-1,3-Dichloroprop...	8.952	79	49892	47.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.020%	
47) 2-Hexanone-d5	9.391	63	134116	124.648	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 124.650%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	162179	58.485	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 116.960%	
66) 1,2-Dichlorobenzene-d4	12.323	152	107809	52.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.160%	
Target Compounds						
5) Vinyl chloride	1.374	62	1429947	799.983	ug/L	Qvalue 97
8) Chloroethane	1.685	64	12171	11.954	ug/L	96
12) 1,1-Dichloroethene	2.319	96	9770	6.749	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	103677	61.820	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	67404	11.819	ug/L #	64
20) cis-1,2-Dichloroethene	4.495	96	2445723	1296.393	ug/L	99
29) Cyclohexane	5.483	56	17826	5.904	ug/L	100
33) Benzene	6.044	78	116519	16.000	ug/L	100
34) Trichloroethene	7.129	95	544829	258.315	ug/L	90
35) Methylcyclohexane	7.391	83	9821	3.199	ug/L	89
46) Tetrachloroethene	9.281	164	48920	36.700	ug/L	96

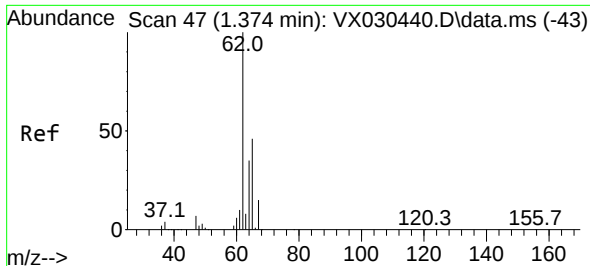
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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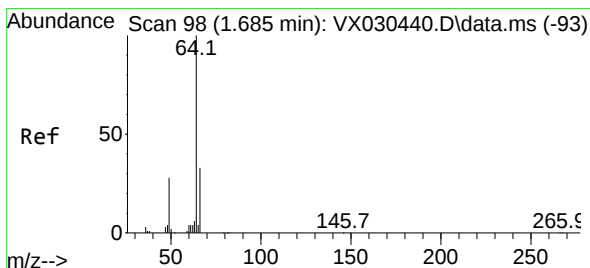
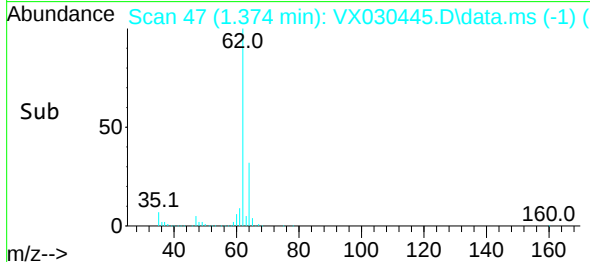
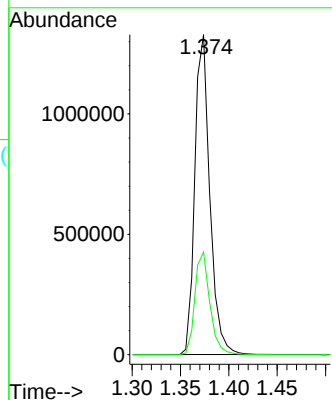
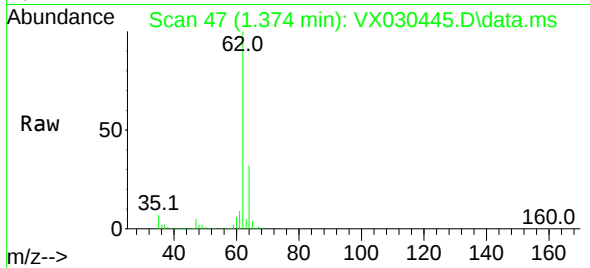




#5
 Vinyl chloride
 Concen: 799.983 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030445.D
 Acq: 05 Aug 2022 22:02

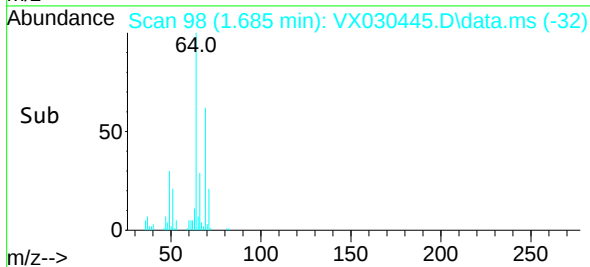
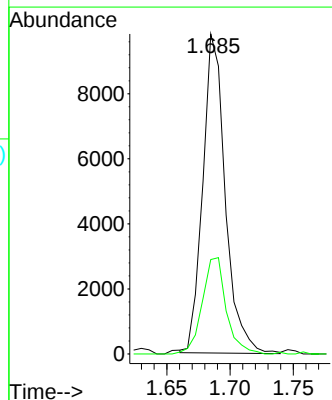
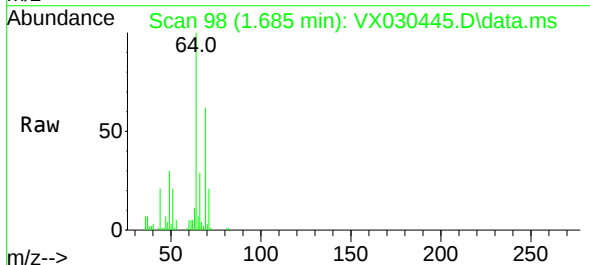
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D94

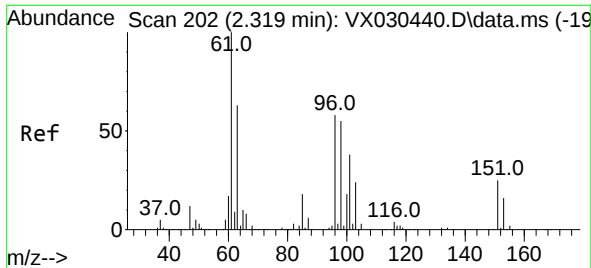
Tgt Ion: 62 Resp: 1429947
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.8 44.2



#8
 Chloroethane
 Concen: 11.954 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030445.D
 Acq: 05 Aug 2022 22:02

Tgt Ion: 64 Resp: 12171
 Ion Ratio Lower Upper
 64 100
 66 29.5 22.1 41.1





#12

1,1-Dichloroethene

Concen: 6.749 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030445.D

Acq: 05 Aug 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

F5D94

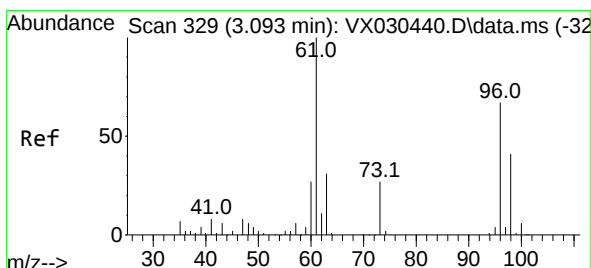
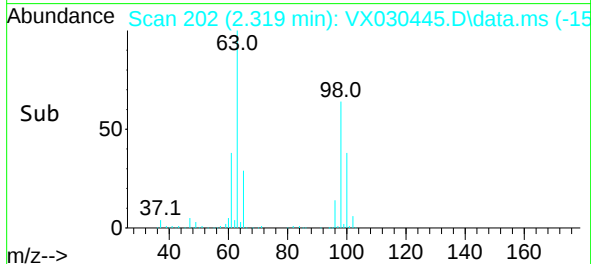
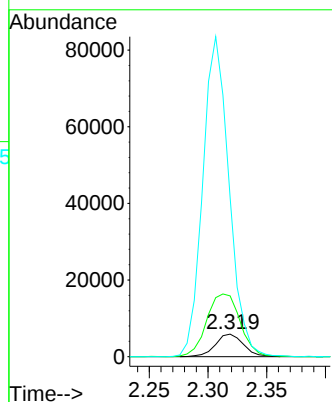
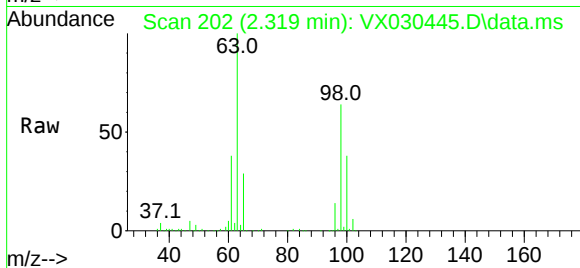
Tgt Ion: 96 Resp: 9770

Ion Ratio Lower Upper

96 100

61 270.5 130.2 241.8#

63 707.6 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 61.820 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030445.D

Acq: 05 Aug 2022 22:02

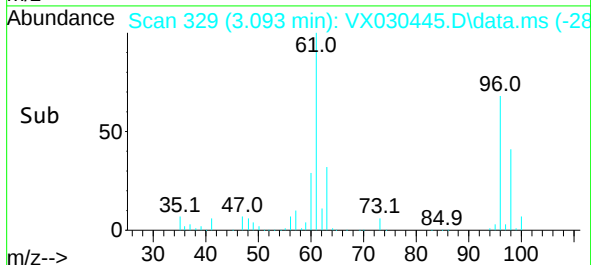
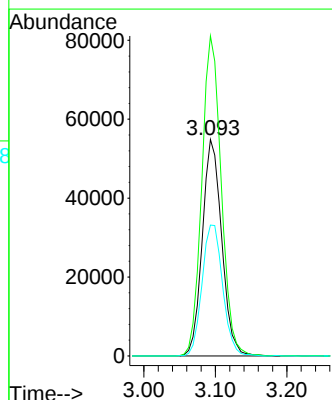
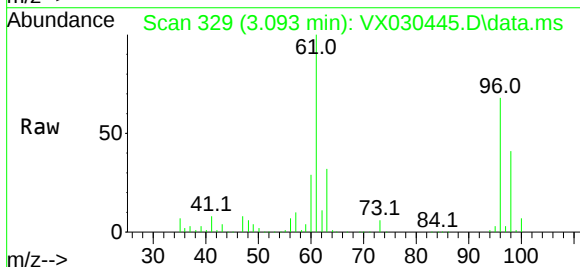
Tgt Ion: 96 Resp: 103677

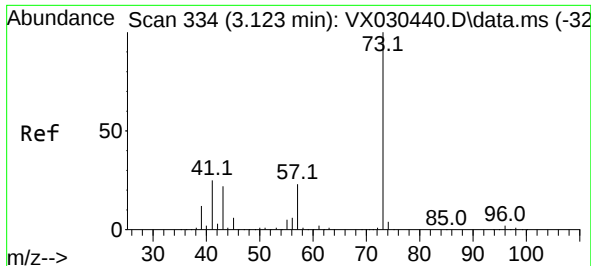
Ion Ratio Lower Upper

96 100

61 147.8 103.7 192.5

98 60.5 41.5 77.1

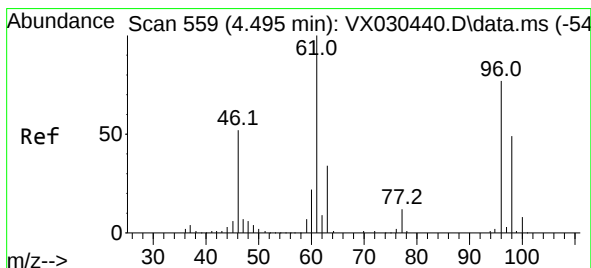
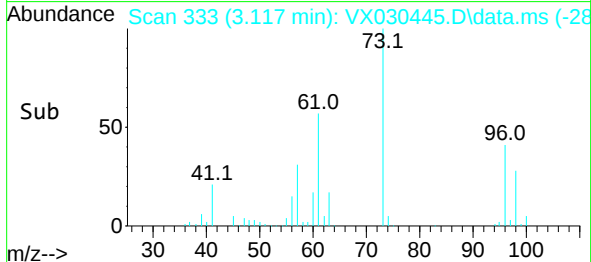
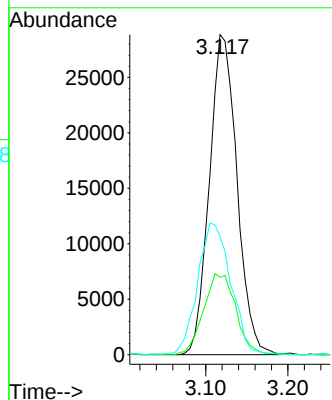
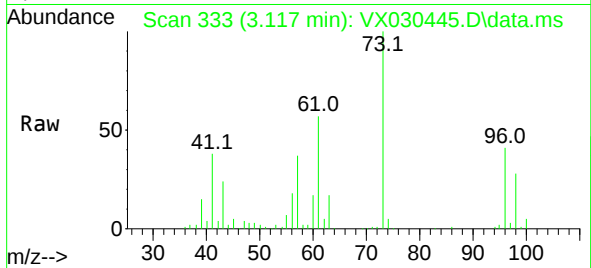




#18
Methyl tert-butyl Ether
Concen: 11.819 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX030445.D
Acq: 05 Aug 2022 22:02

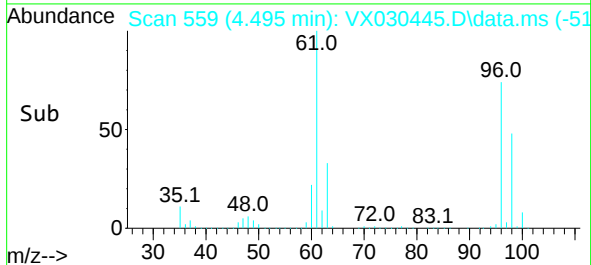
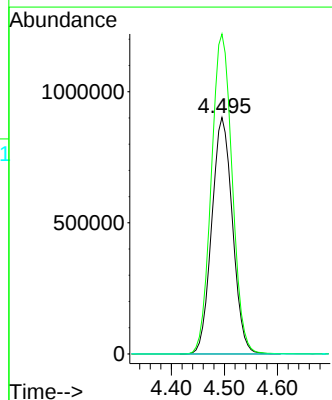
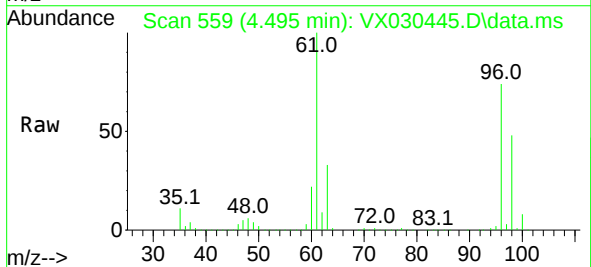
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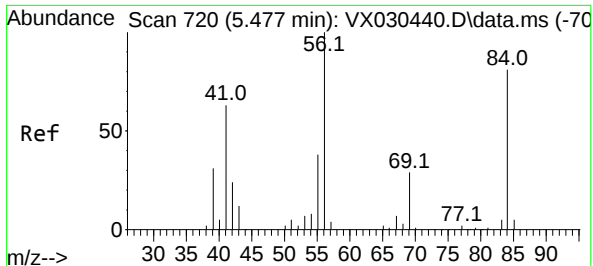
Tgt Ion: 73 Resp: 67404
Ion Ratio Lower Upper
73 100
43 29.4 17.6 26.4#
57 49.2 17.5 26.3#



#20
cis-1,2-Dichloroethene
Concen: 1296.393 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX030445.D
Acq: 05 Aug 2022 22:02

Tgt Ion: 96 Resp: 2445723
Ion Ratio Lower Upper
96 100
61 135.3 94.0 174.6
68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 5.904 ug/L

RT: 5.483 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX030445.D

Acq: 05 Aug 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

F5D94

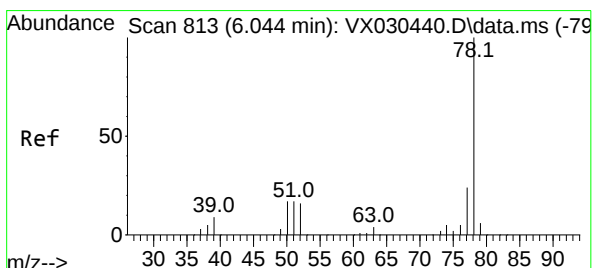
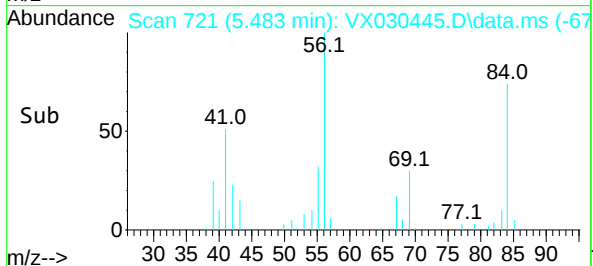
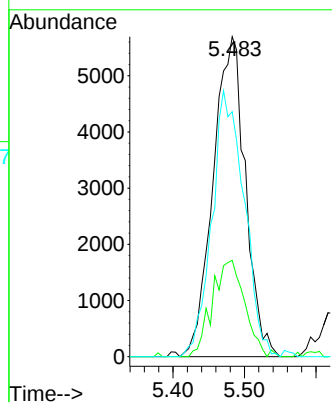
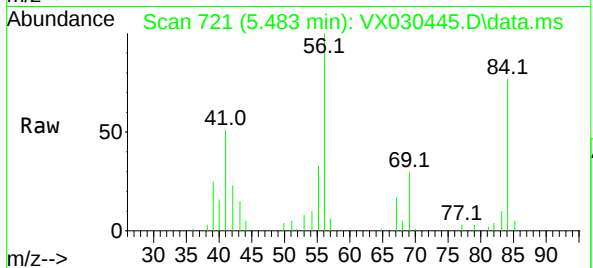
Tgt Ion: 56 Resp: 17826

Ion Ratio Lower Upper

56 100

69 30.1 24.3 36.5

84 83.1 66.7 100.1



#33

Benzene

Concen: 16.000 ug/L

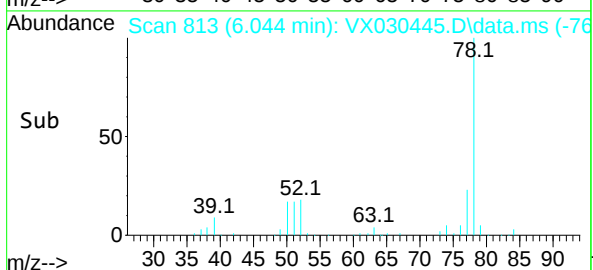
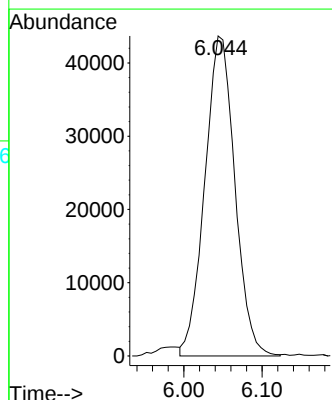
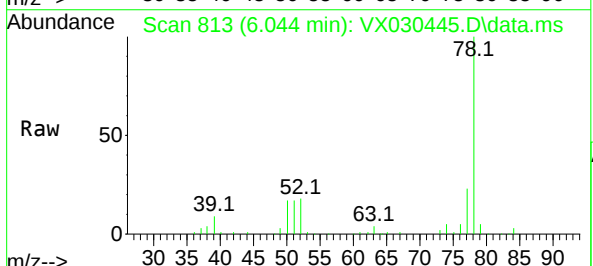
RT: 6.044 min Scan# 813

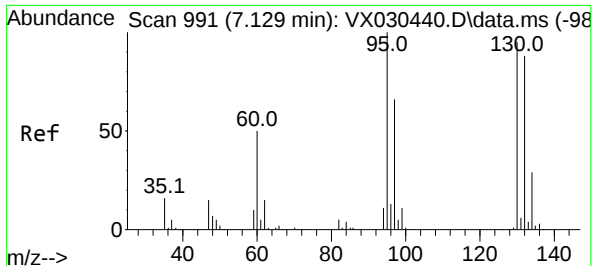
Delta R.T. -0.000 min

Lab File: VX030445.D

Acq: 05 Aug 2022 22:02

Tgt Ion: 78 Resp: 116519

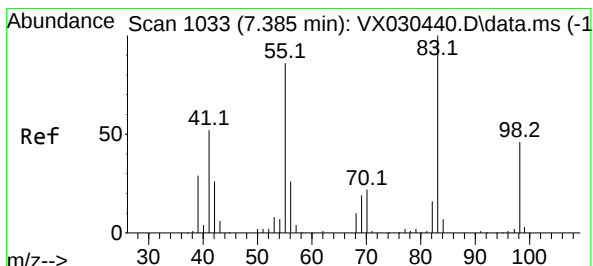
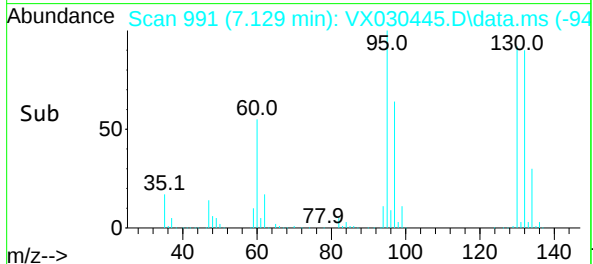
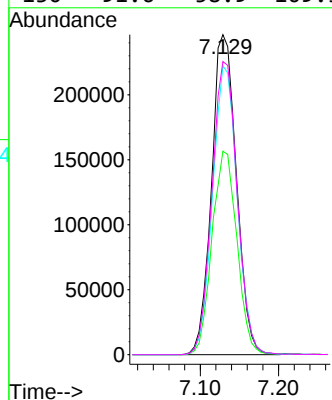
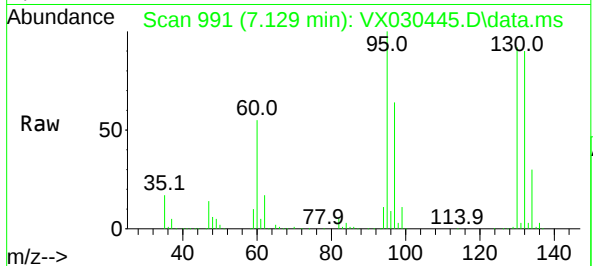




#34
Trichloroethene
Concen: 258.315 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030445.D
Acq: 05 Aug 2022 22:02

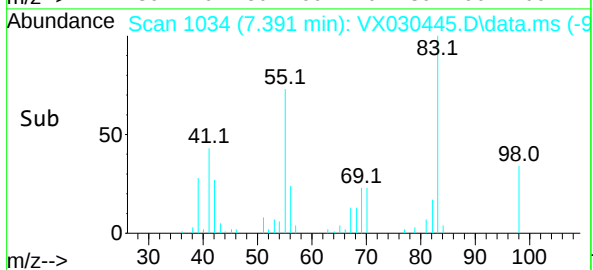
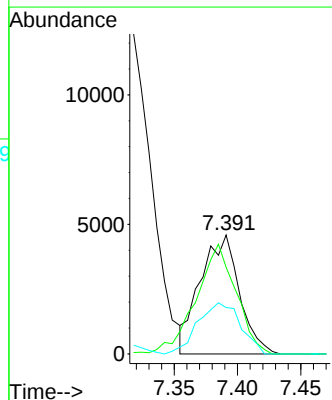
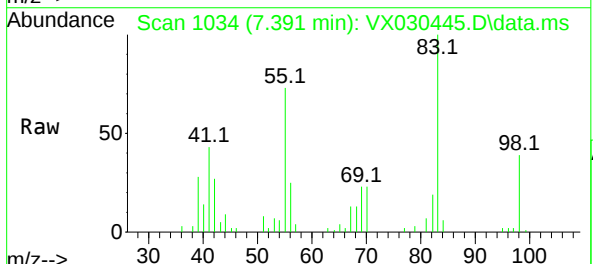
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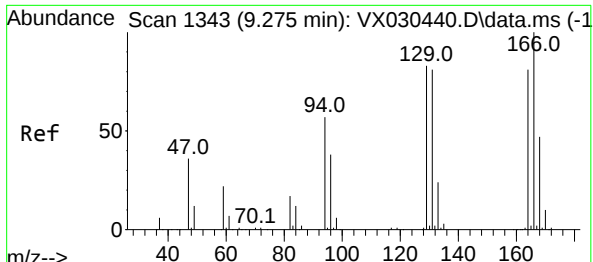
Tgt Ion: 95 Resp: 544829
Ion Ratio Lower Upper
95 100
97 63.6 40.2 74.6
132 90.2 55.3 102.7
130 91.6 58.9 109.5



#35
Methylcyclohexane
Concen: 3.199 ug/L
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX030445.D
Acq: 05 Aug 2022 22:02

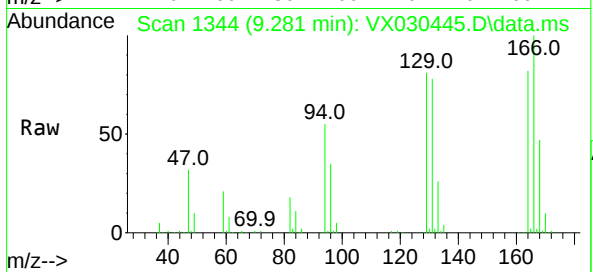
Tgt Ion: 83 Resp: 9821
Ion Ratio Lower Upper
83 100
55 94.6 64.0 96.0
98 47.1 36.7 55.1





#46
 Tetrachloroethene
 Concen: 36.700 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030445.D
 Acq: 05 Aug 2022 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D94



Tgt Ion:	164	Resp:	48920
Ion	Ratio	Lower	Upper
164	100		
129	99.2	72.7	135.1
131	95.6	69.9	129.9
166	121.8	88.3	164.1

