

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030690.D
 Acq On : 18 Aug 2022 17:11
 Operator : JC/MD
 Sample : N4231-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KQ6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 19:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	325492	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	297657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	111267	53.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.460%			
7) Chloroethane-d5	1.666	69	84668	57.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.920%			
11) 1,1-Dichloroethene-d2	2.319	63	674916	170.695	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 341.400%#			
21) 2-Butanone-d5	4.465	46	191801	99.034	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.030%			
24) Chloroform-d	5.068	84	220309	51.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.400%			
26) 1,2-Dichloroethane-d4	5.964	65	138521	47.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.820%			
32) Benzene-d6	5.977	84	464362	54.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.920%			
36) 1,2-Dichloropropane-d6	7.312	67	151999	54.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.900%			
41) Toluene-d8	8.653	98	416550	51.829	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.660%			
43) trans-1,3-Dichloroprop...	8.952	79	62567	45.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.920%			
47) 2-Hexanone-d5	9.385	63	145211	102.984	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.980%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	200306	55.120	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.240%			
66) 1,2-Dichlorobenzene-d4	12.323	152	145101	55.608	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.220%			
Target Compounds						
5) Vinyl chloride	1.374	62	276103	122.737	ug/L	100
12) 1,1-Dichloroethene	2.319	96	1027406m	563.949	ug/L	
13) Acetone	2.386	43	3281	2.312	ug/L	85
17) trans-1,2-Dichloroethene	3.099	96	3502	1.659	ug/L	83
19) 1,1-Dichloroethane	3.611	63	147284	36.080	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	812863	342.367	ug/L	87
27) 1,2-Dichloroethane	6.092	62	9652	2.704	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	13165	3.353	ug/L #	90
34) Trichloroethene	7.129	95	2045785	740.139	ug/L	86
46) Tetrachloroethene	9.275	164	298221	170.719	ug/L	99

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

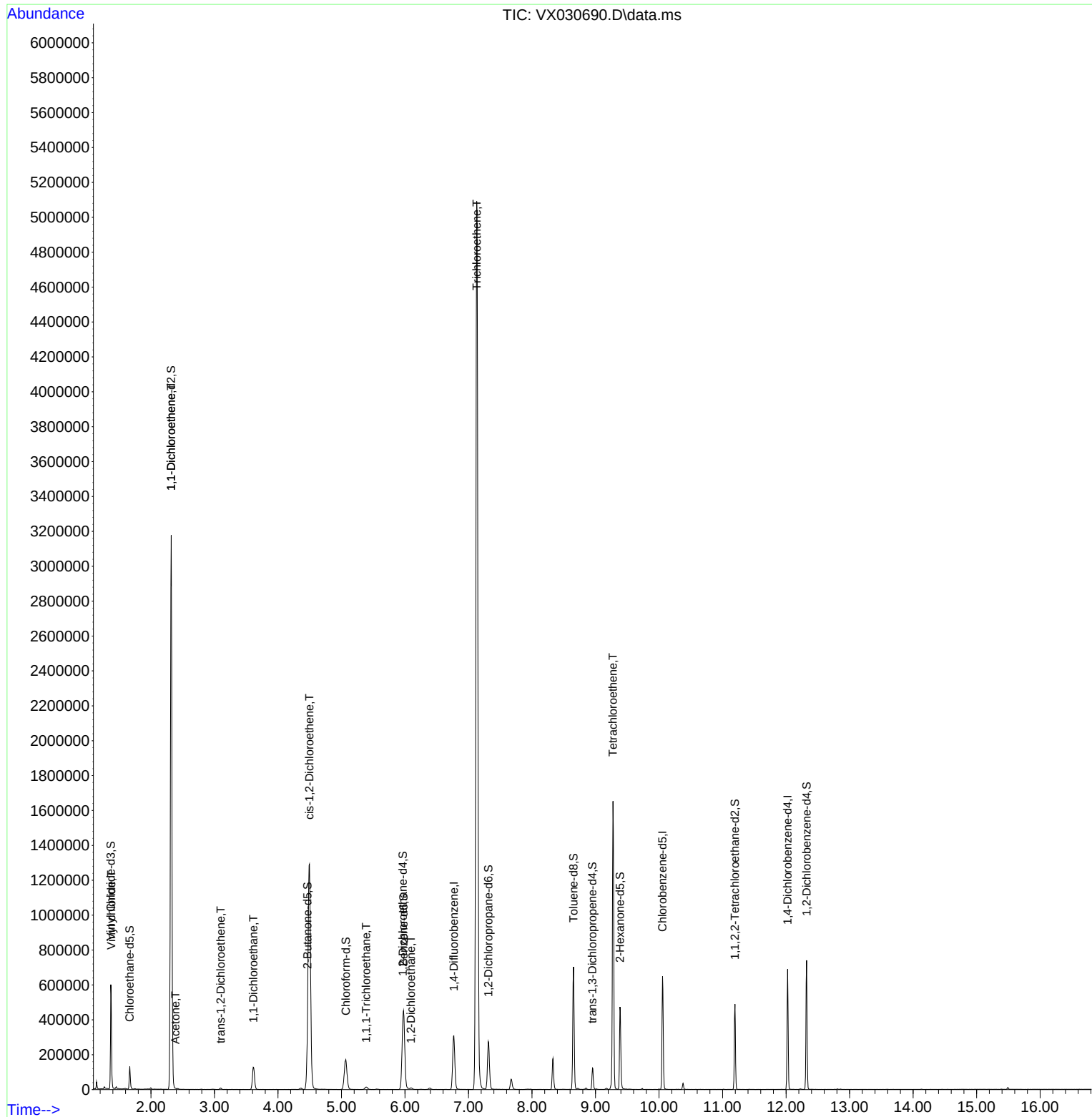
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
Data File : VX030690.D
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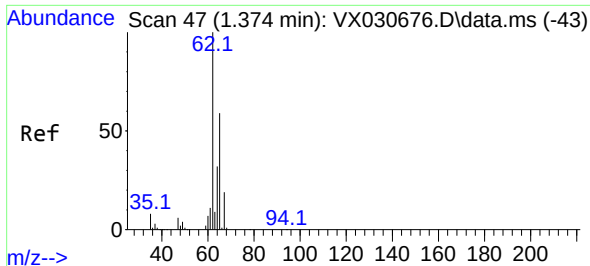
Instrument :
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ClientSampleId :
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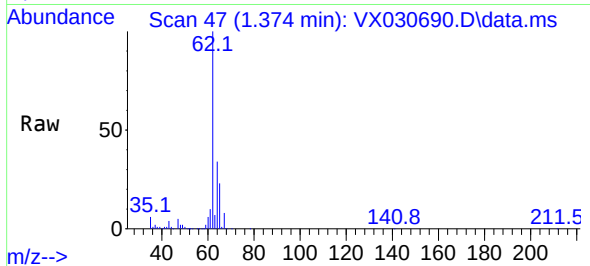
Quant Time: Aug 18 19:31:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 122.737 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030690.D
 Acq: 18 Aug 2022 17:11

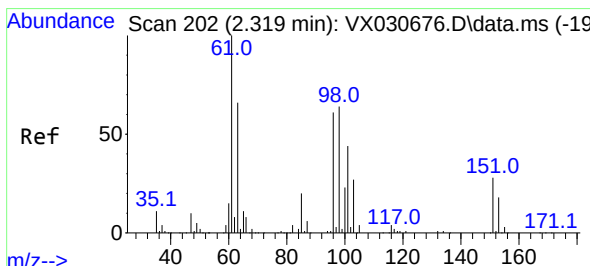
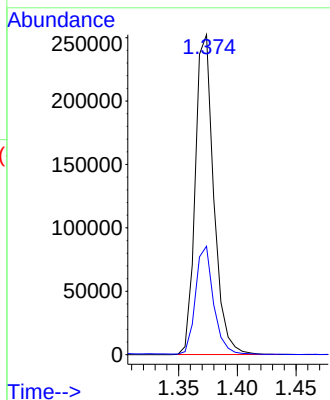
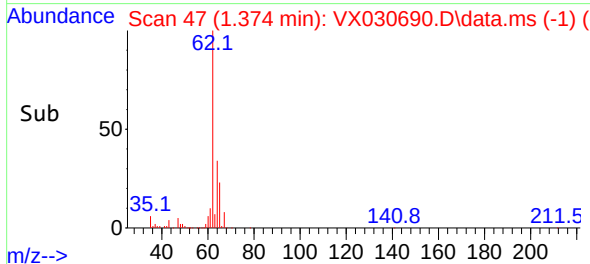
Instrument :
 MSVOA_X
 ClientSampleId :
 C0KQ6



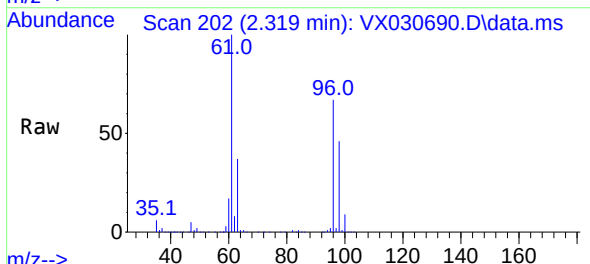
Tgt Ion: 62 Resp: 27610
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.8 44.2

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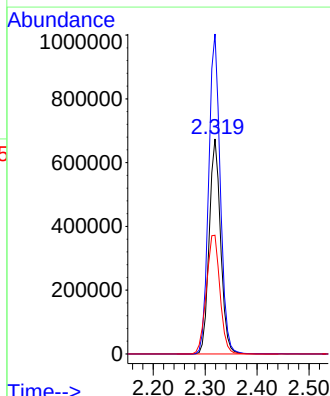
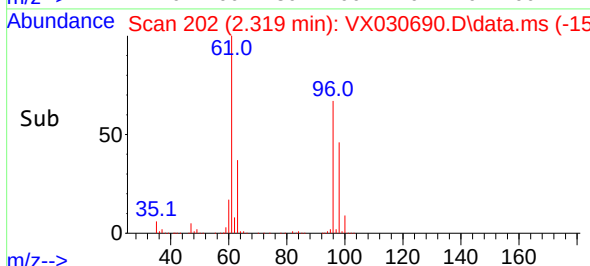
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

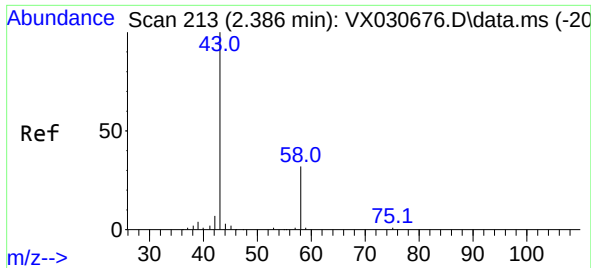


#12
 1,1-Dichloroethene
 Concen: 563.949 ug/L m
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030690.D
 Acq: 18 Aug 2022 17:11



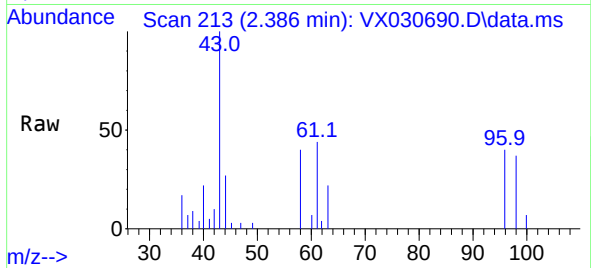
Tgt Ion: 96 Resp: 1027406
 Ion Ratio Lower Upper
 96 100
 61 148.8 130.2 241.8
 63 55.2 113.5 210.9#





#13
Acetone
Concen: 2.312 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11

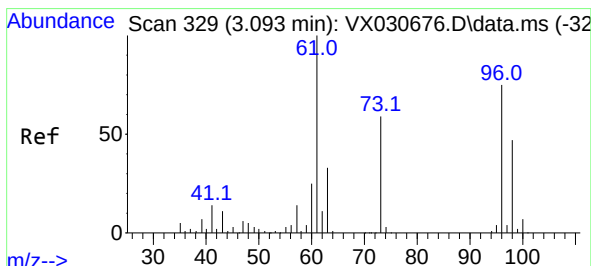
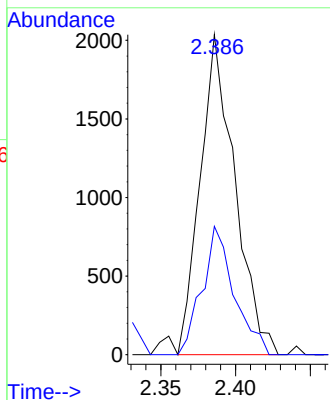
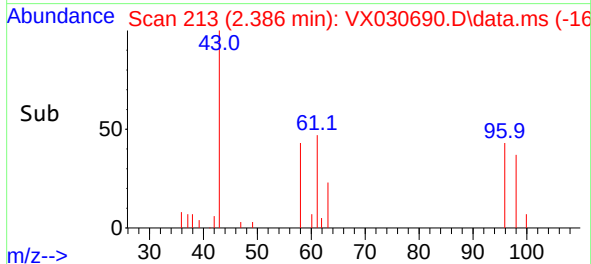
Instrument :
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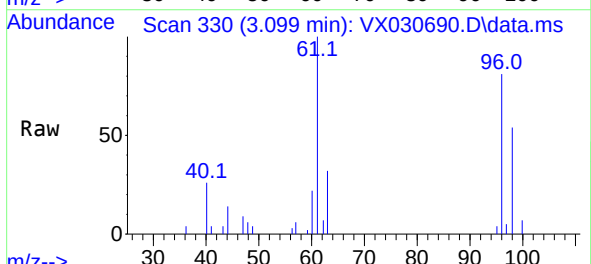
Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 37.1 0.0 57.8

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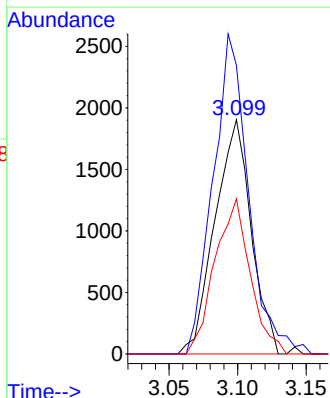
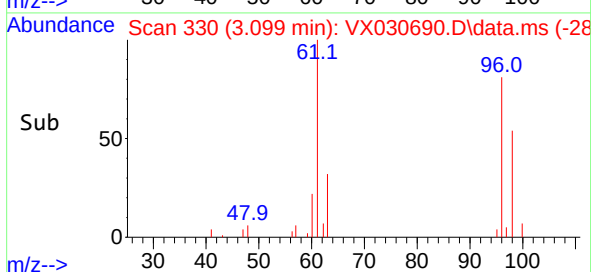
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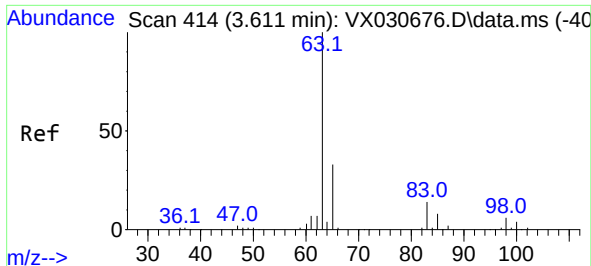


#17
trans-1,2-Dichloroethene
Concen: 1.659 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11



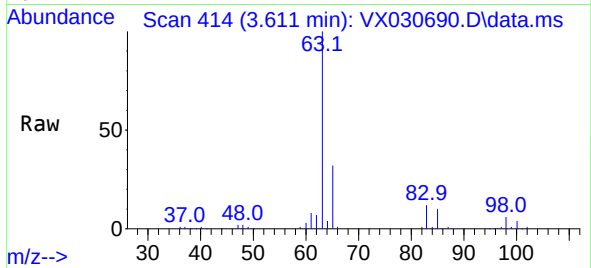
Tgt Ion: 96 Resp: 3502
Ion Ratio Lower Upper
96 100
61 123.2 103.7 192.5
98 66.2 41.5 77.1





#19
1,1-Dichloroethane
Concen: 36.080 ug/L
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11

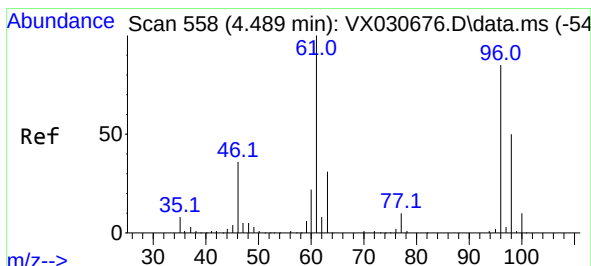
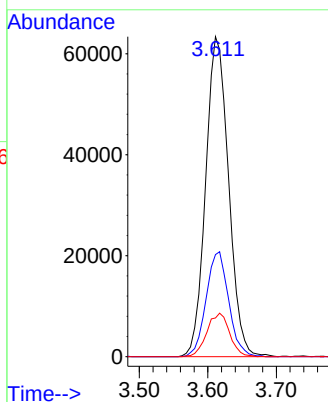
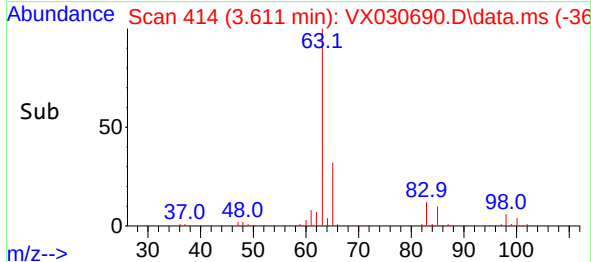
Instrument :
MSVOA_X
ClientSampleId :
C0KQ6



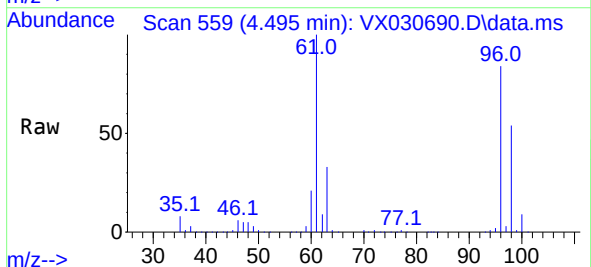
Tgt Ion: 63 Resp: 147284
Ion Ratio Lower Upper
63 100
65 31.9 22.0 40.8
83 12.1 9.9 18.3

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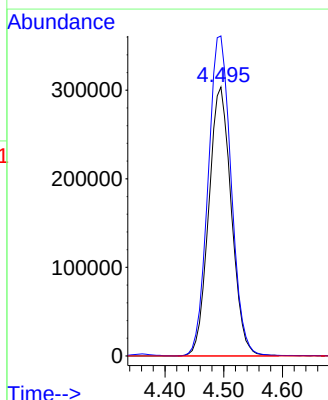
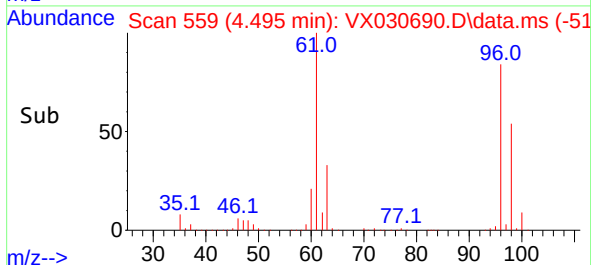
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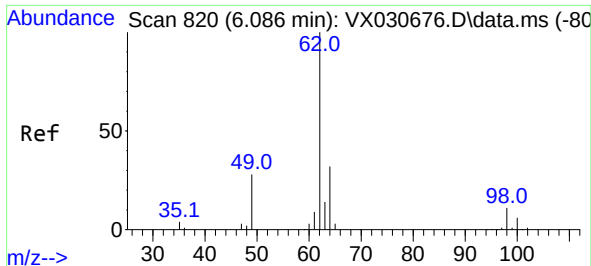


#20
cis-1,2-Dichloroethene
Concen: 342.367 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11



Tgt Ion: 96 Resp: 812863
Ion Ratio Lower Upper
96 100
61 119.0 94.0 174.6
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 2.704 ug/L

RT: 6.092 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

Instrument :

MSVOA_X

ClientSampleId :

C0KQ6

Tgt Ion: 62 Resp: 965

Ion Ratio Lower Upper

62 100

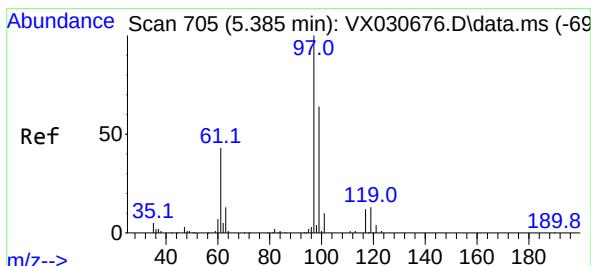
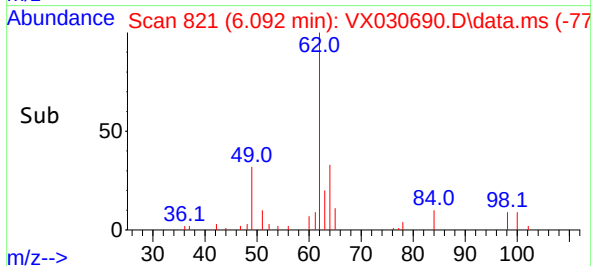
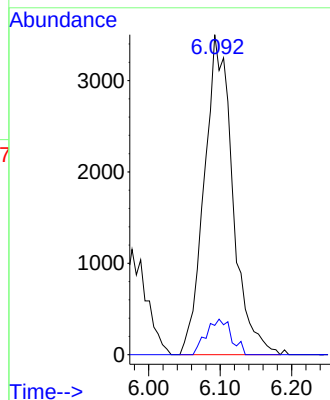
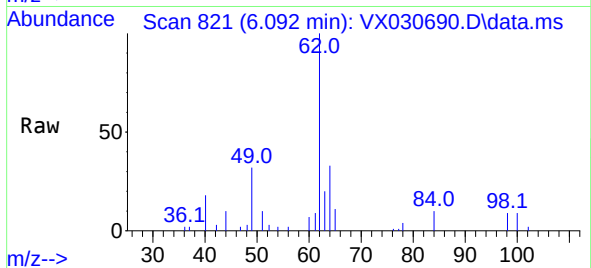
98 9.1 7.0 10.6

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#30

1,1,1-Trichloroethane

Concen: 3.353 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX030690.D

Acq: 18 Aug 2022 17:11

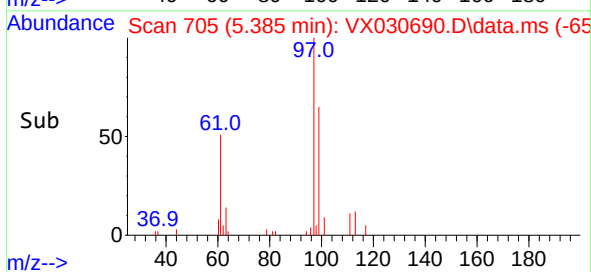
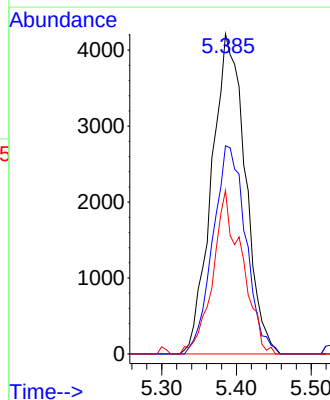
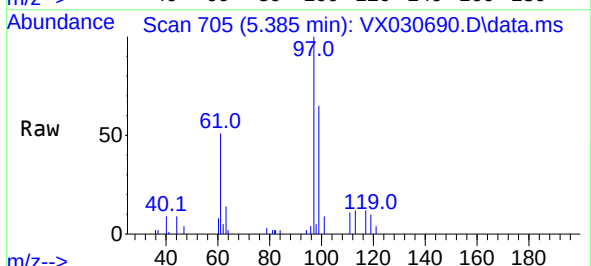
Tgt Ion: 97 Resp: 13165

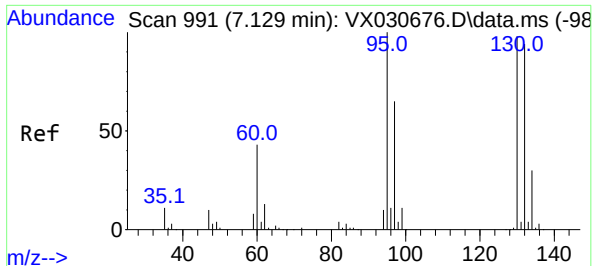
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

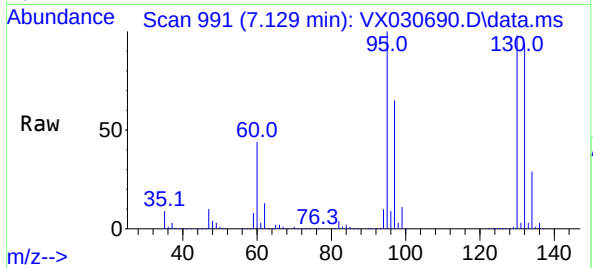
61 30.6 37.0 55.6#





#34
Trichloroethene
Concen: 740.139 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030690.D
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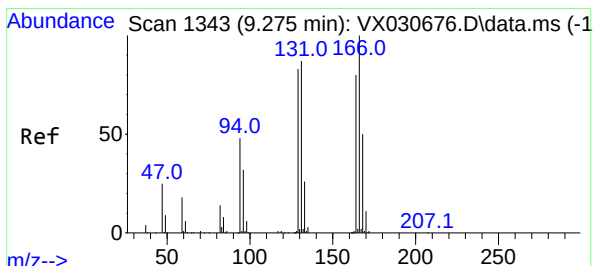
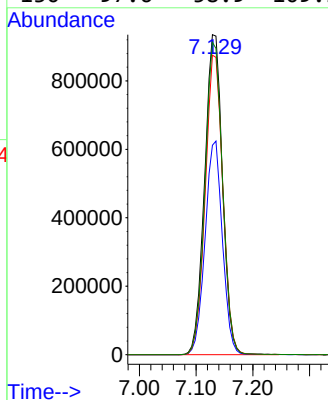
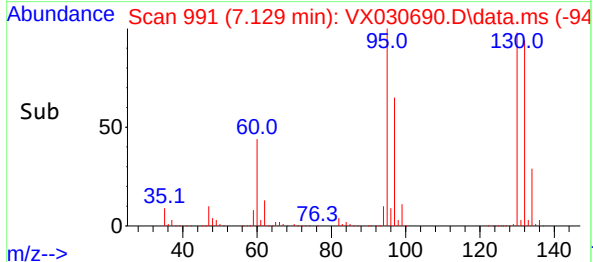
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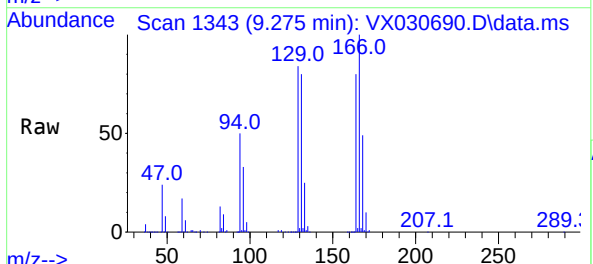
Tgt Ion: 95 Resp: 204578
Ion Ratio Lower Upper
95 100
97 65.4 40.2 74.6
132 93.6 55.3 102.7
130 97.6 58.9 109.5

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#46
Tetrachloroethene
Concen: 170.719 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030690.D
Acq: 18 Aug 2022 17:11



Tgt Ion:164 Resp: 298221
Ion Ratio Lower Upper
164 100
129 105.1 72.7 135.1
131 100.2 69.9 129.9
166 125.5 88.3 164.1

