

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040673.D
 Acq On : 15 Mar 2024 23:15
 Operator : JC/MD
 Sample : P1754-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL11

Quant Time: Mar 16 05:54:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

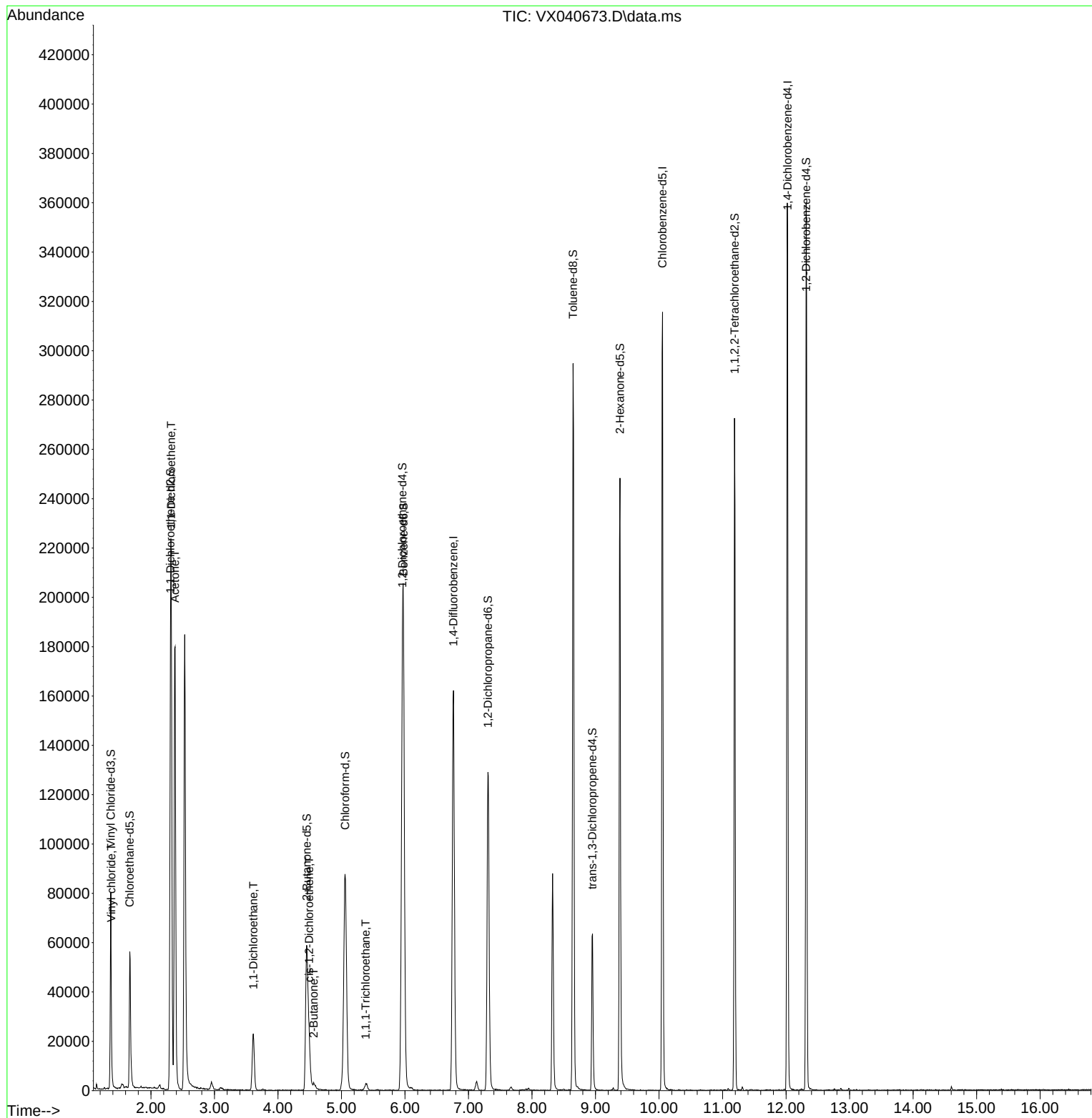
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	153614	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	131407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	44646	33.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.320%
7) Chloroethane-d5	1.666	69	41977	39.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.100%
11) 1,1-Dichloroethene-d2	2.306	65	21322	34.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.800%
21) 2-Butanone-d5	4.452	46	98492	95.317	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.320%
24) Chloroform-d	5.056	84	110454	44.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
26) 1,2-Dichloroethane-d4	5.958	65	83957	44.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
32) Benzene-d6	5.977	84	187225	46.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	7.306	67	61844	49.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	8.647	98	165745	42.661	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	8.952	79	29914	44.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
47) 2-Hexanone-d5	9.384	63	65338	94.771	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.770%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95687	51.149	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.300%
66) 1,2-Dichlorobenzene-d4	12.317	152	67691	45.743	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	4228	3.279	ug/L #	76
12) 1,1-Dichloroethene	2.319	96	46385	49.538	ug/L	96
13) Acetone	2.380	43	194484	263.566	ug/L	98
19) 1,1-Dichloroethane	3.611	63	24726	13.238	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	7888	7.318	ug/L	91
22) 2-Butanone	4.562	43	5280	5.404	ug/L	83
30) 1,1,1-Trichloroethane	5.379	97	2705	1.653	ug/L #	54

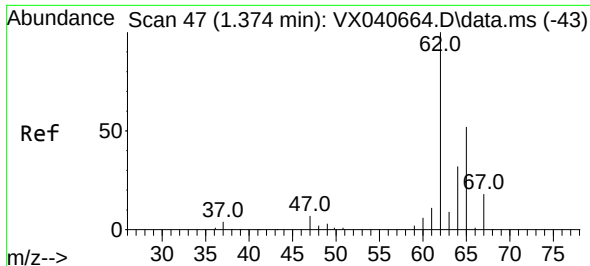
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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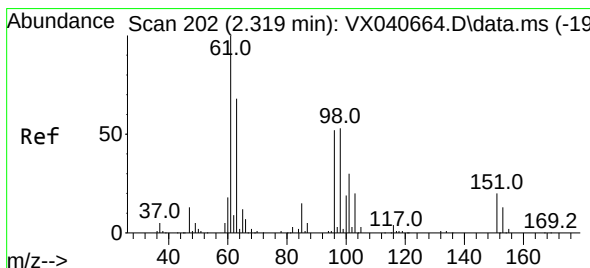
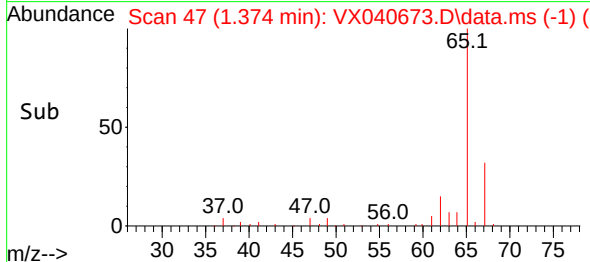
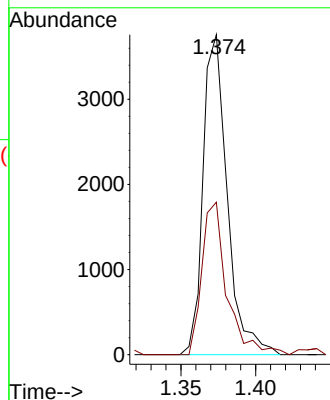
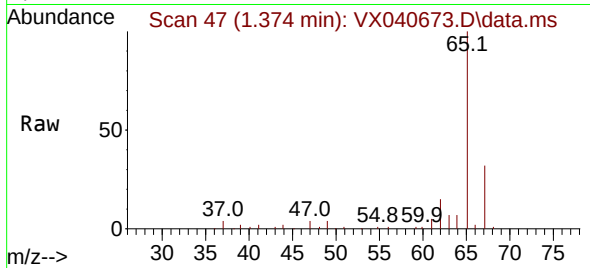




#5
 Vinyl chloride
 Concen: 3.279 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040673.D
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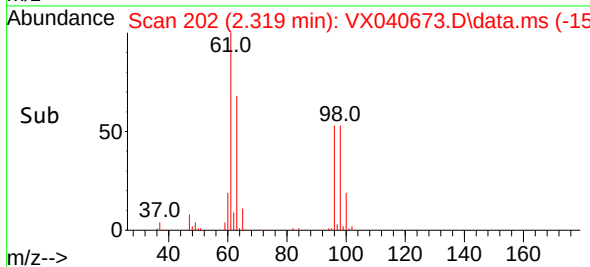
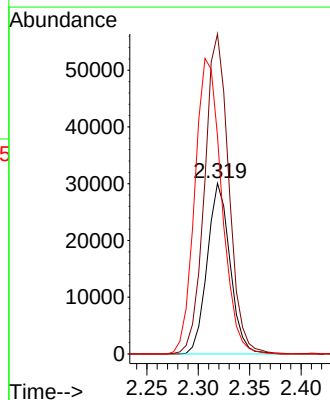
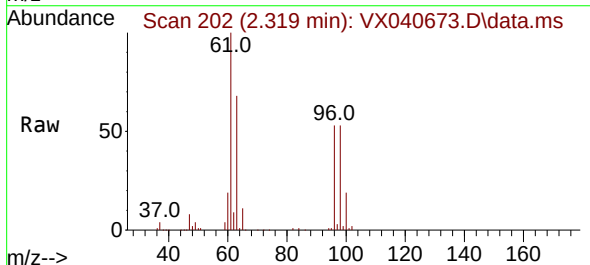
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL11

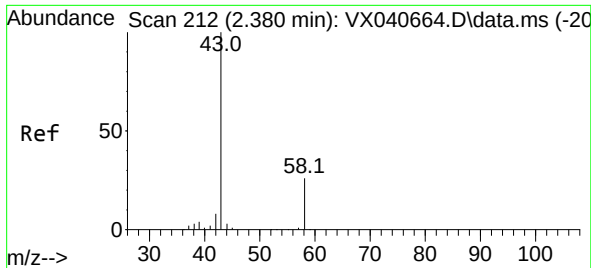
Tgt Ion: 62 Resp: 4228
 Ion Ratio Lower Upper
 62 100
 64 47.6 23.8 44.2#



#12
 1,1-Dichloroethene
 Concen: 49.538 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040673.D
 Acq: 15 Mar 2024 23:15

Tgt Ion: 96 Resp: 46385
 Ion Ratio Lower Upper
 96 100
 61 187.4 134.8 250.4
 63 127.7 92.5 171.9





#13

Acetone

Concen: 263.566 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040673.D

Acq: 15 Mar 2024 23:15

Instrument :

MSVOA_X

ClientSampleId :

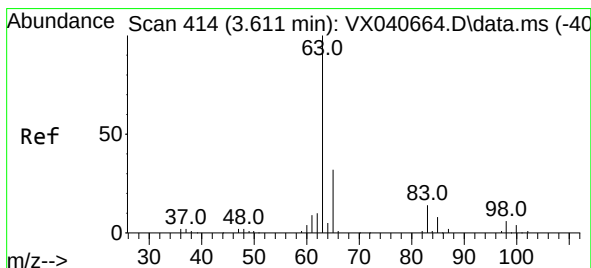
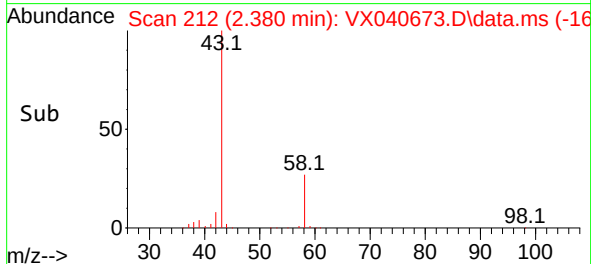
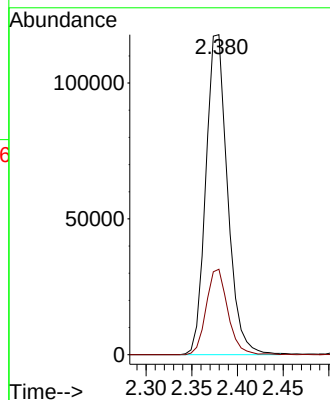
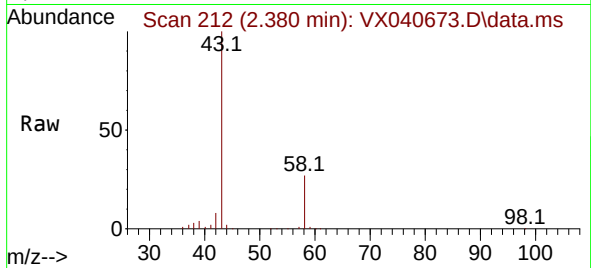
YCL11

Tgt Ion: 43 Resp: 194484

Ion Ratio Lower Upper

43 100

58 26.5 0.0 54.6



#19

1,1-Dichloroethane

Concen: 13.238 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040673.D

Acq: 15 Mar 2024 23:15

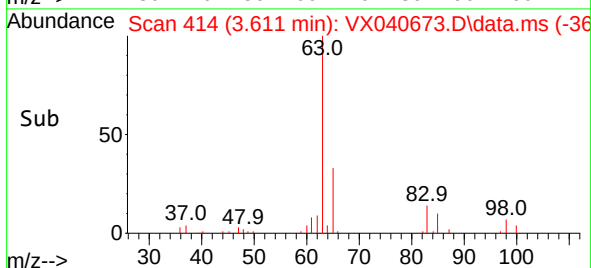
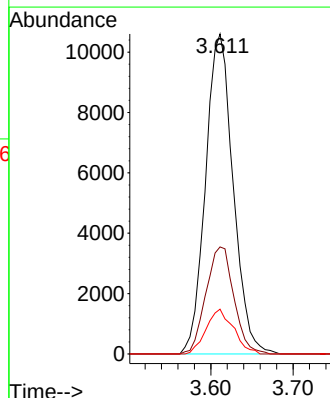
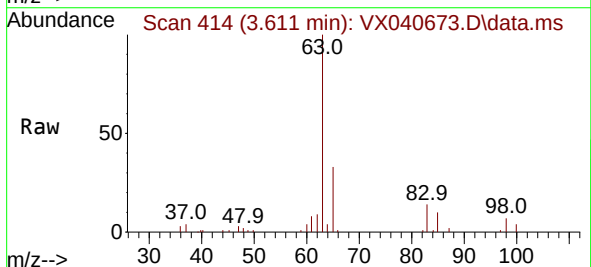
Tgt Ion: 63 Resp: 24726

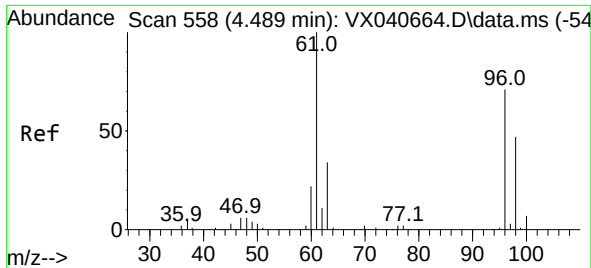
Ion Ratio Lower Upper

63 100

65 33.5 23.1 42.9

83 14.0 9.9 18.5

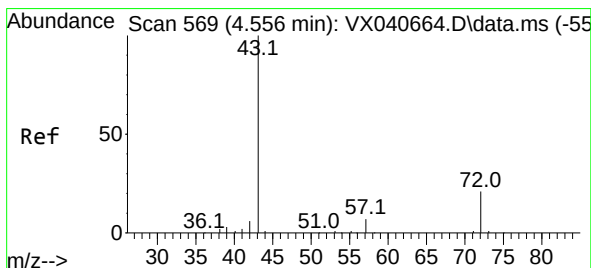
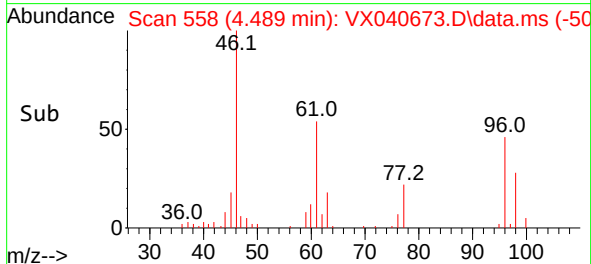
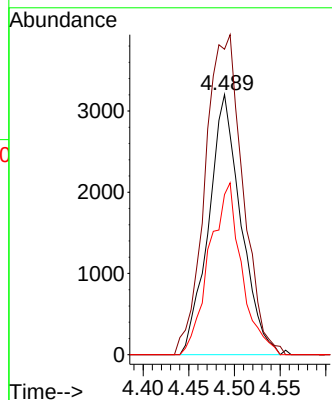
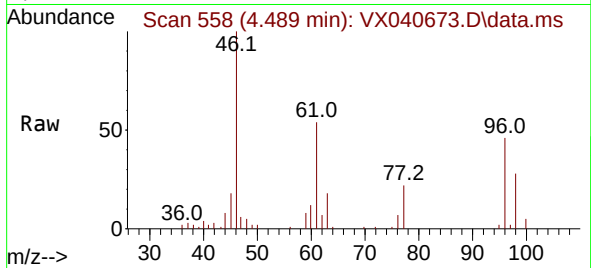




#20
 cis-1,2-Dichloroethene
 Concen: 7.318 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX040673.D
 Acq: 15 Mar 2024 23:15

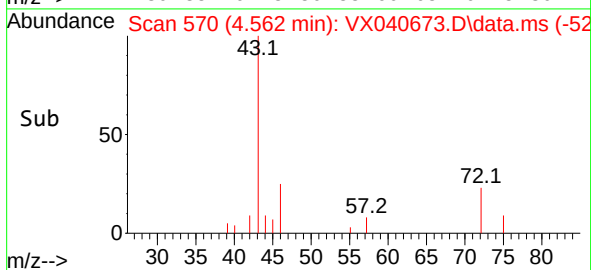
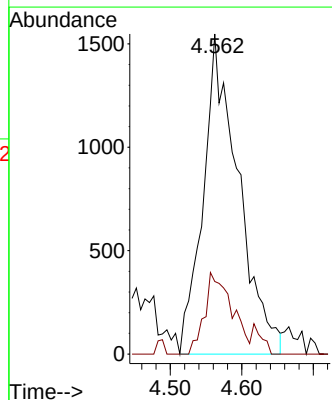
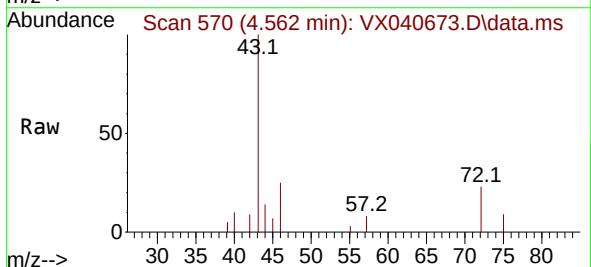
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL11

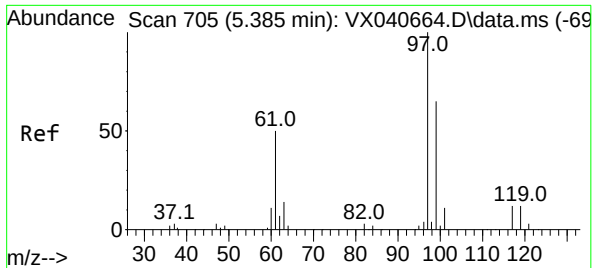
Tgt Ion: 96 Resp: 7888
 Ion Ratio Lower Upper
 96 100
 61 117.4 93.0 172.8
 98 61.6 42.4 78.6



#22
 2-Butanone
 Concen: 5.404 ug/L
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX040673.D
 Acq: 15 Mar 2024 23:15

Tgt Ion: 43 Resp: 5280
 Ion Ratio Lower Upper
 43 100
 72 16.3 12.4 37.2





#30
1,1,1-Trichloroethane
Concen: 1.653 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040673.D
Acq: 15 Mar 2024 23:15

Instrument :
MSVOA_X
ClientSampleId :
YCL11

Tgt Ion:	97	Resp:	2705
Ion	Ratio	Lower	Upper
97	100		
99	25.9	52.1	78.1#
61	20.2	38.3	57.5#

