

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040671.D
 Acq On : 15 Mar 2024 22:30
 Operator : JC/MD
 Sample : P1754-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL09

Quant Time: Mar 16 05:53:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM030724WMA.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)

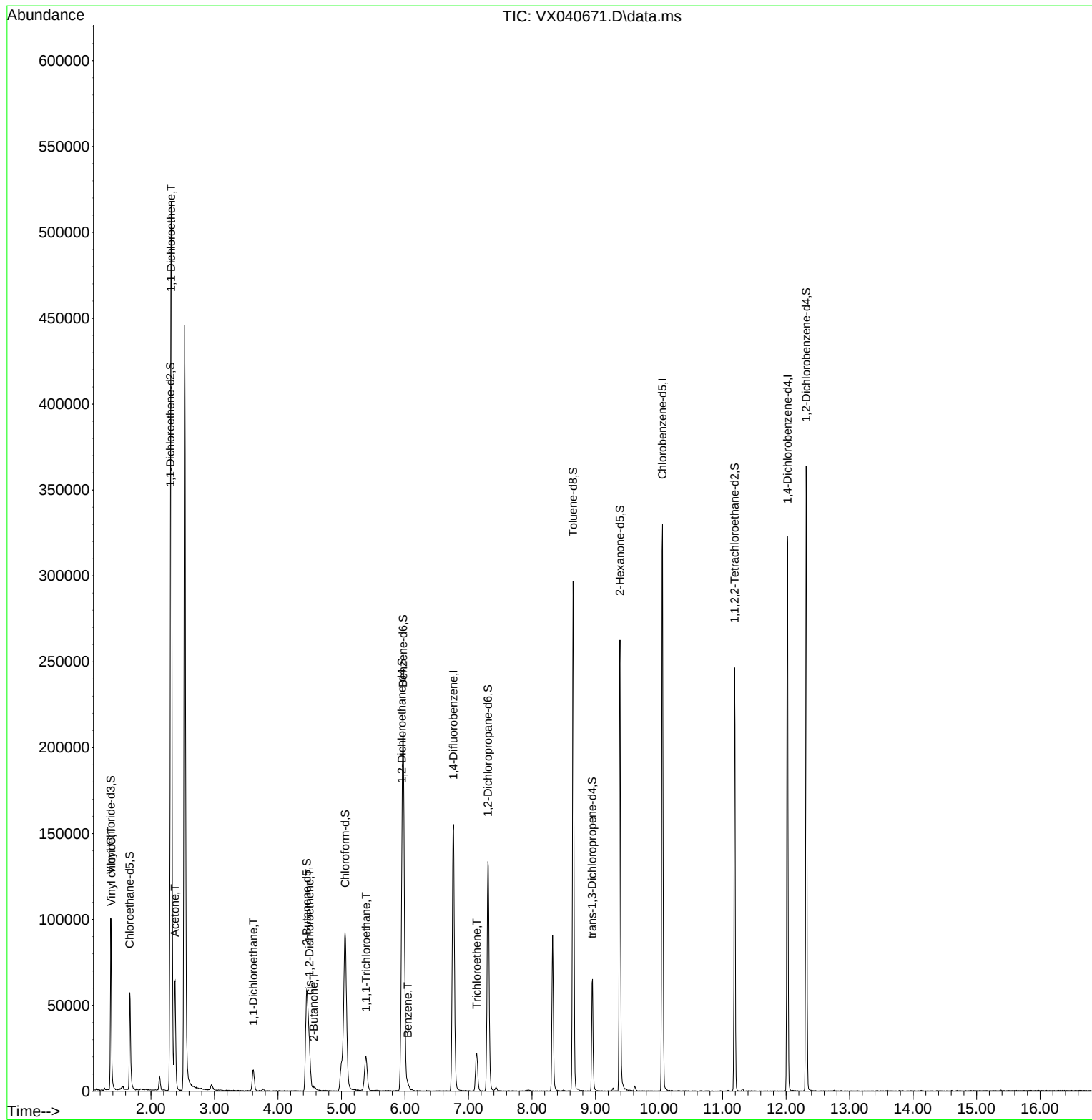
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	149556	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45701	34.860	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.720%
7) Chloroethane-d5	1.666	69	44135	42.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.340%
11) 1,1-Dichloroethene-d2	2.307	65	21659	35.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.780%
21) 2-Butanone-d5	4.452	46	98101	97.514	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.510%
24) Chloroform-d	5.056	84	111960	45.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
26) 1,2-Dichloroethane-d4	5.952	65	84354	46.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
32) Benzene-d6	5.971	84	190673	44.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	7.306	67	62691	47.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	8.647	98	167041	40.492	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.980%
43) trans-1,3-Dichloroprop...	8.946	79	30183	42.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.500%
47) 2-Hexanone-d5	9.385	63	70658	96.524	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.520%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88047	44.326	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.660%
66) 1,2-Dichlorobenzene-d4	12.317	152	67849	52.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.360%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	23021	18.338	ug/L	99
12) 1,1-Dichloroethene	2.319	96	135119	148.220	ug/L #	82
13) Acetone	2.380	43	67211	93.556	ug/L	99
19) 1,1-Dichloroethane	3.611	63	13885	7.636	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	13069	12.454	ug/L	93
22) 2-Butanone	4.562	43	4190	4.405	ug/L #	72
30) 1,1,1-Trichloroethane	5.385	97	18529	10.663	ug/L	98
33) Benzene	6.044	78	4399	1.174	ug/L	100
34) Trichloroethene	7.129	95	9269	8.377	ug/L	97

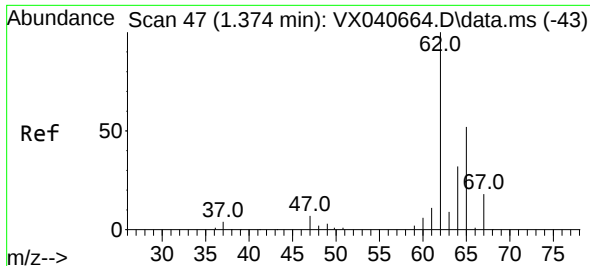
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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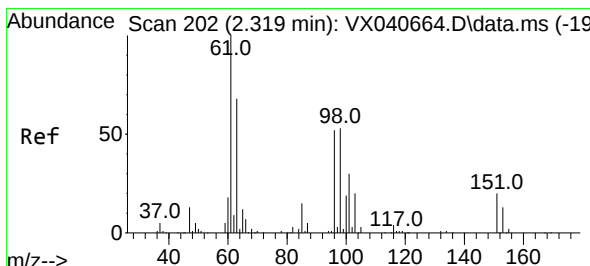
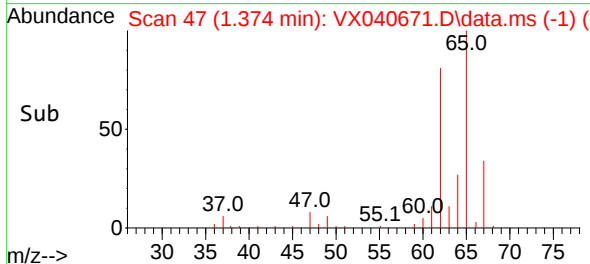
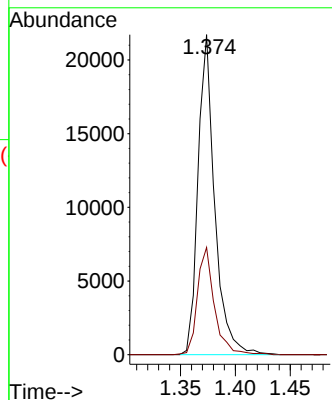
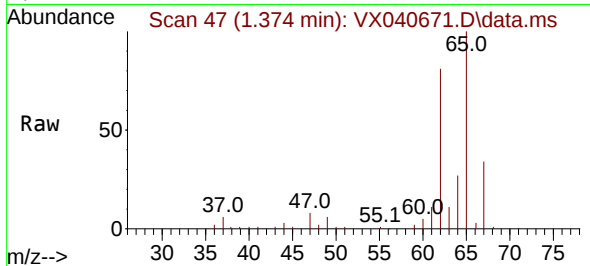




#5
 Vinyl chloride
 Concen: 18.338 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040671.D
 Acq: 15 Mar 2024 22:30

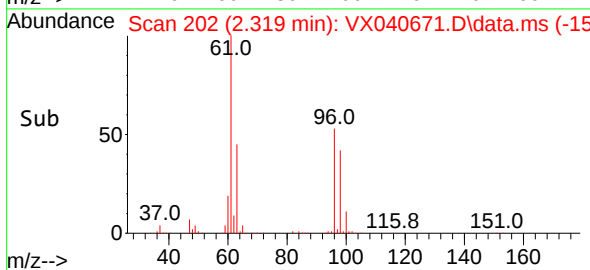
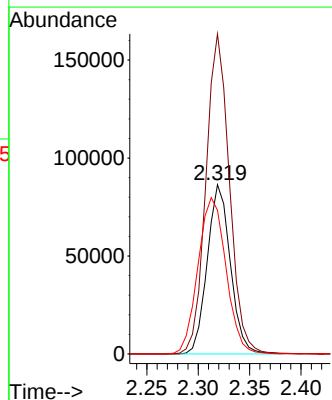
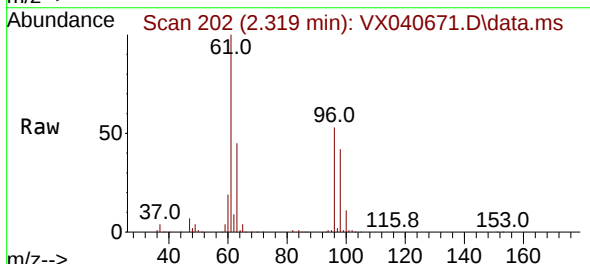
Instrument :
 MSVOA_X
 ClientSampleId :
 YCL09

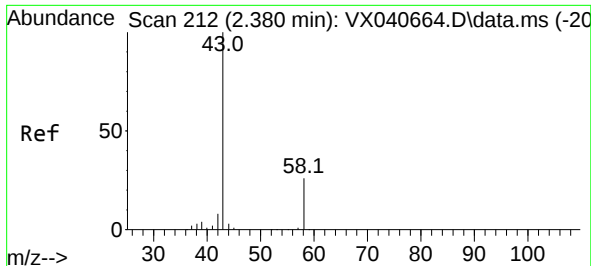
Tgt Ion: 62 Resp: 23021
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 148.220 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040671.D
 Acq: 15 Mar 2024 22:30

Tgt Ion: 96 Resp: 135119
 Ion Ratio Lower Upper
 96 100
 61 188.9 134.8 250.4
 63 84.9 92.5 171.9#





#13

Acetone

Concen: 93.556 ug/L

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040671.D

Acq: 15 Mar 2024 22:30

Instrument :

MSVOA_X

ClientSampleId :

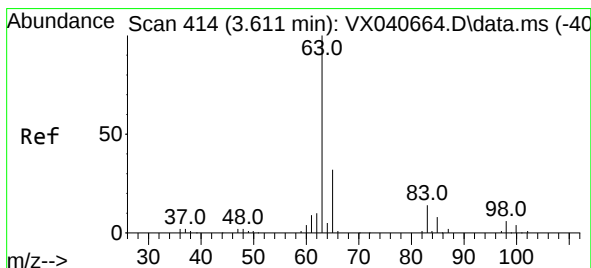
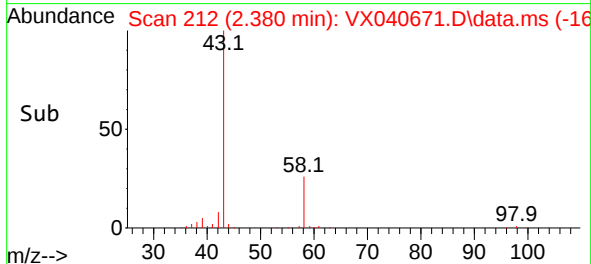
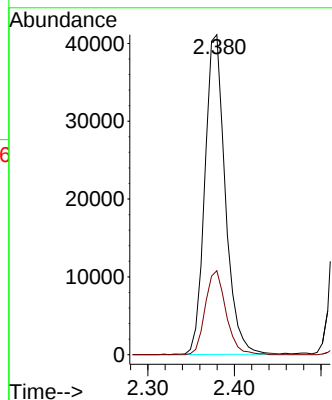
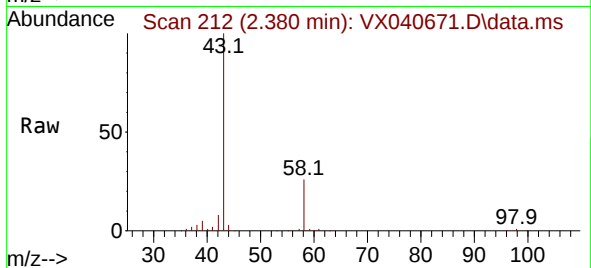
YCL09

Tgt Ion: 43 Resp: 67211

Ion Ratio Lower Upper

43 100

58 26.6 0.0 54.6



#19

1,1-Dichloroethane

Concen: 7.636 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040671.D

Acq: 15 Mar 2024 22:30

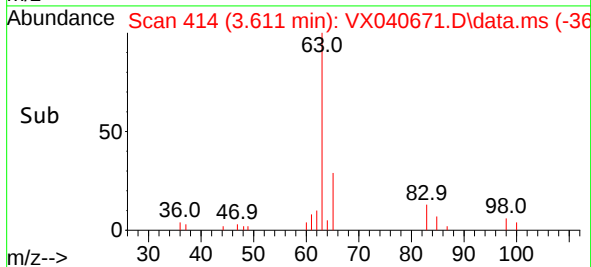
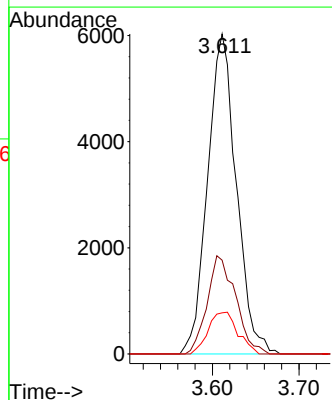
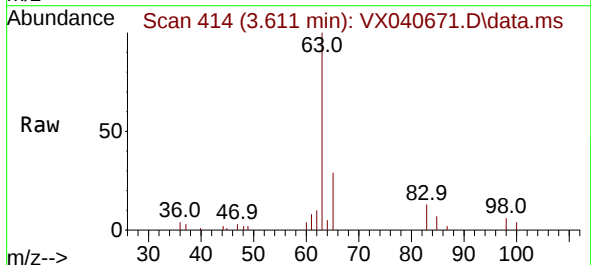
Tgt Ion: 63 Resp: 13885

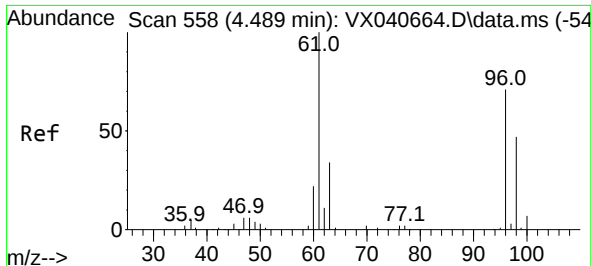
Ion Ratio Lower Upper

63 100

65 29.3 23.1 42.9

83 12.8 9.9 18.5

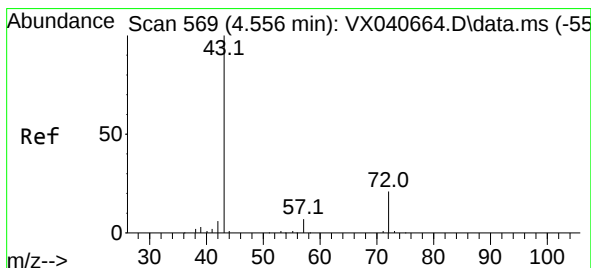
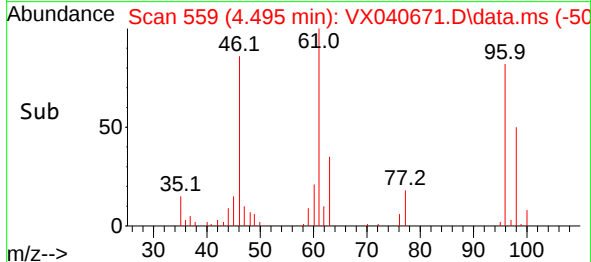
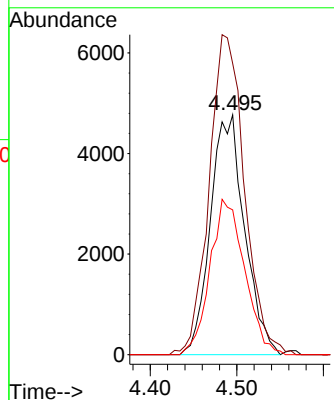
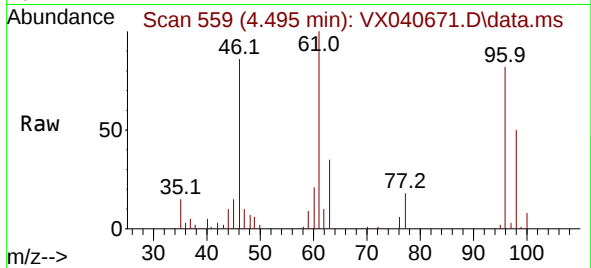




#20
cis-1,2-Dichloroethene
Concen: 12.454 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040671.D
Acq: 15 Mar 2024 22:30

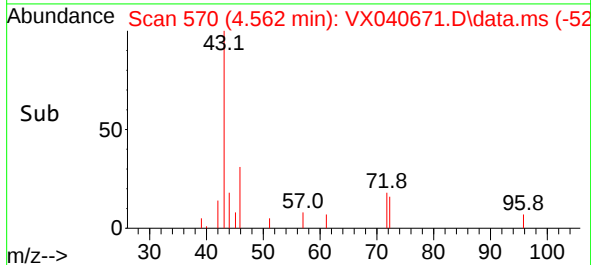
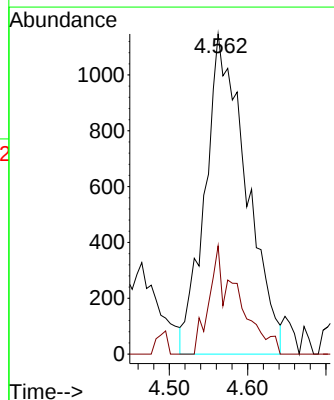
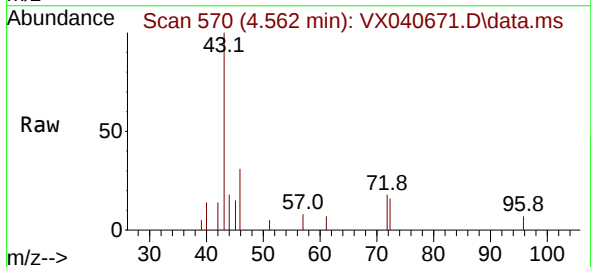
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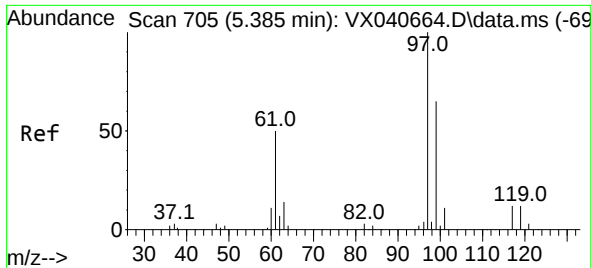
Tgt Ion: 96 Resp: 13069
Ion Ratio Lower Upper
96 100
61 121.4 93.0 172.8
98 60.4 42.4 78.6



#22
2-Butanone
Concen: 4.405 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX040671.D
Acq: 15 Mar 2024 22:30

Tgt Ion: 43 Resp: 4190
Ion Ratio Lower Upper
43 100
72 10.7 12.4 37.2#

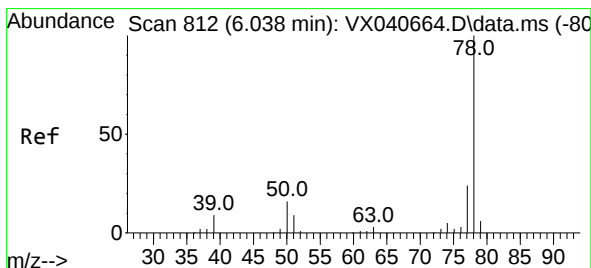
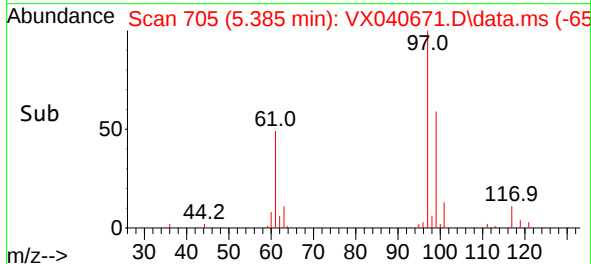
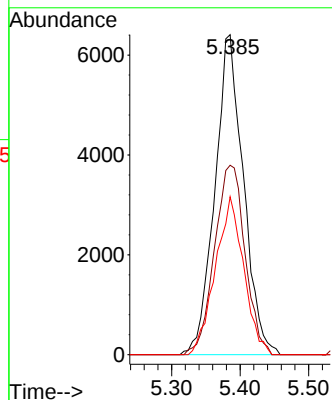
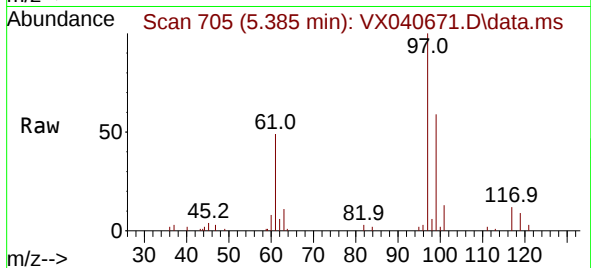




#30
1,1,1-Trichloroethane
Concen: 10.663 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040671.D
Acq: 15 Mar 2024 22:30

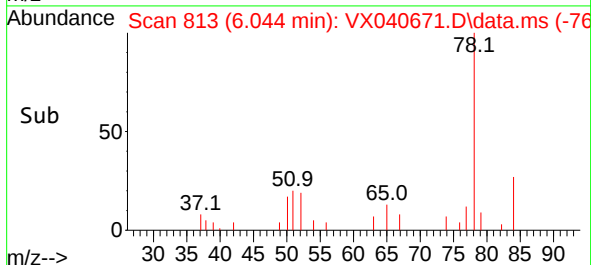
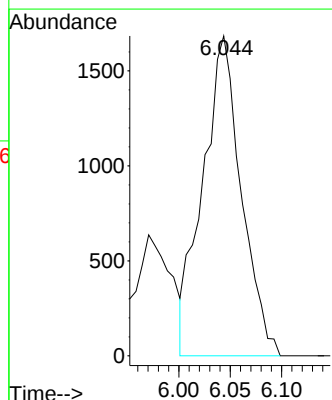
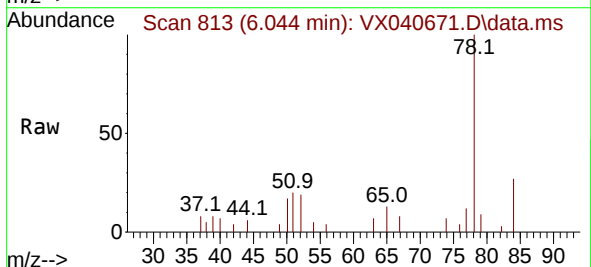
Instrument :
MSVOA_X
ClientSampleId :
YCL09

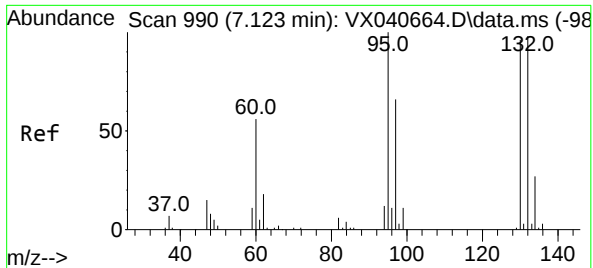
Tgt Ion: 97 Resp: 18529
Ion Ratio Lower Upper
97 100
99 63.3 52.1 78.1
61 49.0 38.3 57.5



#33
Benzene
Concen: 1.174 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040671.D
Acq: 15 Mar 2024 22:30

Tgt Ion: 78 Resp: 4399





#34
 Trichloroethene
 Concen: 8.377 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX040671.D
 Acq: 15 Mar 2024 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL09

Tgt Ion: 95 Resp: 9269

Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.7	83.1
132	85.9	61.5	114.3
130	98.9	66.9	124.3

