

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040654.D
 Acq On : 15 Mar 2024 15:15
 Operator : JC/MD
 Sample : P1753-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 02:53:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

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

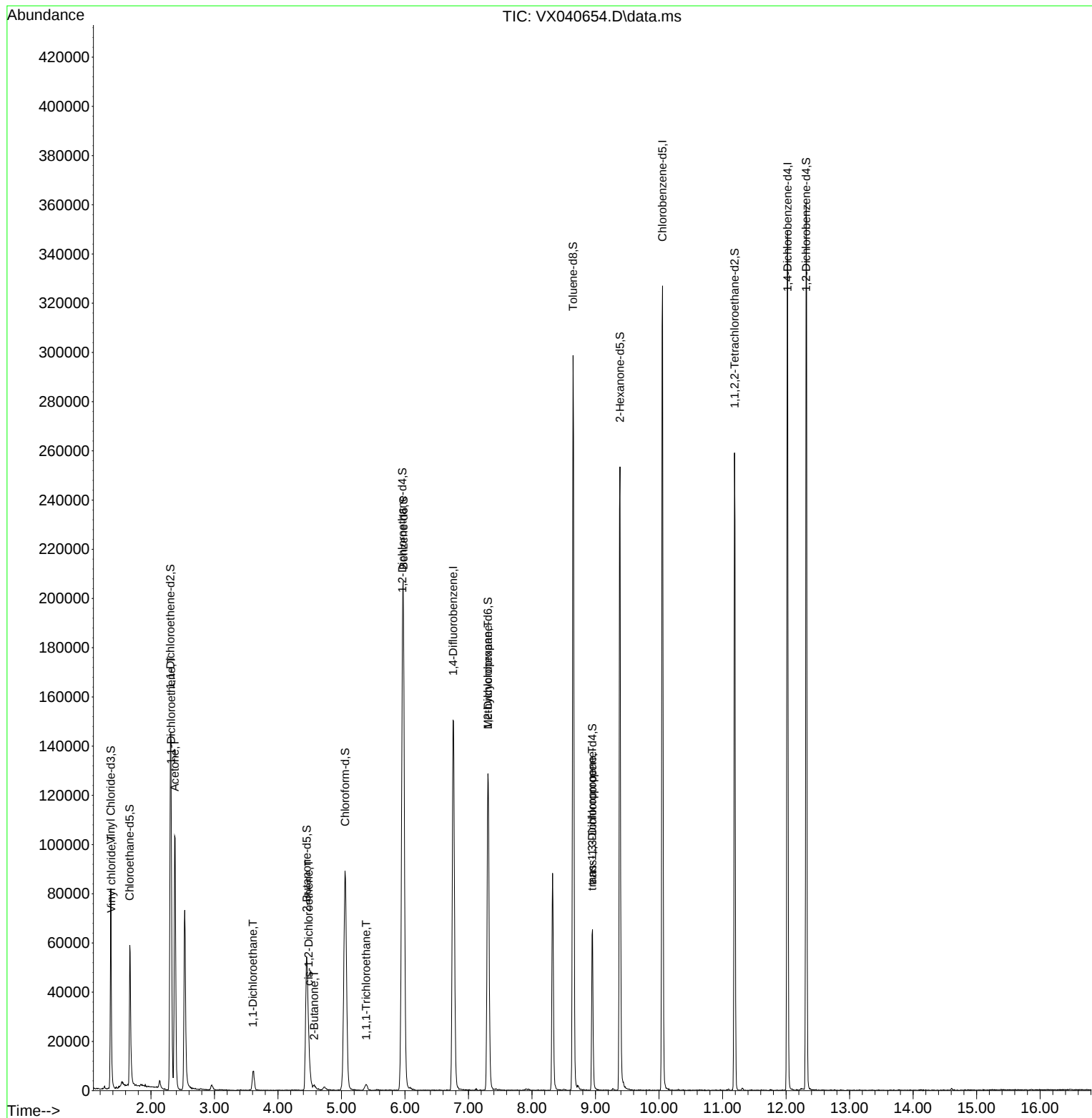
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	148238	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	138886	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47754	36.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.500%
7) Chloroethane-d5	1.666	69	43606	42.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.060%
11) 1,1-Dichloroethene-d2	2.307	65	22414	37.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.940%
21) 2-Butanone-d5	4.452	46	93790	94.058	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.060%
24) Chloroform-d	5.056	84	110108	45.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.260%
26) 1,2-Dichloroethane-d4	5.958	65	82855	45.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
32) Benzene-d6	5.977	84	190303	44.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.320%
36) 1,2-Dichloropropane-d6	7.306	67	60995	46.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.380%
41) Toluene-d8	8.647	98	169981	41.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.780%
43) trans-1,3-Dichloroprop...	8.952	79	29861	42.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.980%
47) 2-Hexanone-d5	9.385	63	69986	96.047	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.050%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95501	48.301	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.317	152	67803	47.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.120%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2348	1.887	ug/L #	70
12) 1,1-Dichloroethene	2.319	96	15757	17.438	ug/L #	37
13) Acetone	2.374	43	111797	157.003	ug/L	98
19) 1,1-Dichloroethane	3.605	63	8819	4.893	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	3927	3.775	ug/L	92
22) 2-Butanone	4.568	43	2443	2.591	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	2195	1.269	ug/L #	72
35) Methylcyclohexane	7.306	83	15462	9.606	ug/L #	18
44) trans-1,3-Dichloropropene	8.946	75	1724	1.064	ug/L	86

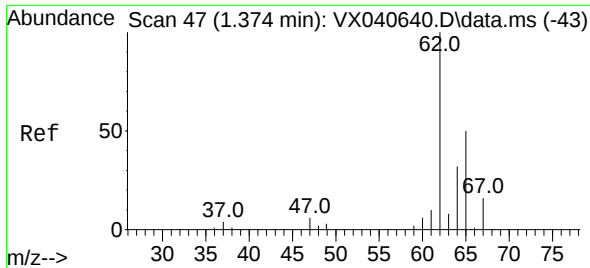
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 16 01:57:16 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.887 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040654.D

Acq: 15 Mar 2024 15:15

Instrument :

MSVOA_X

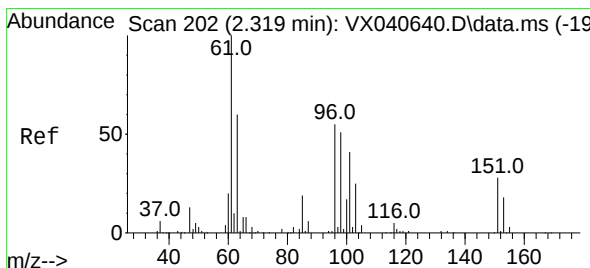
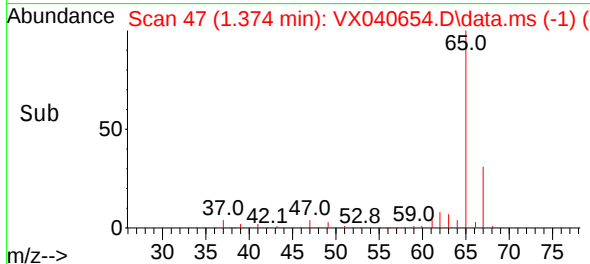
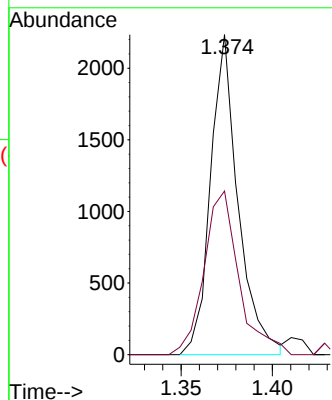
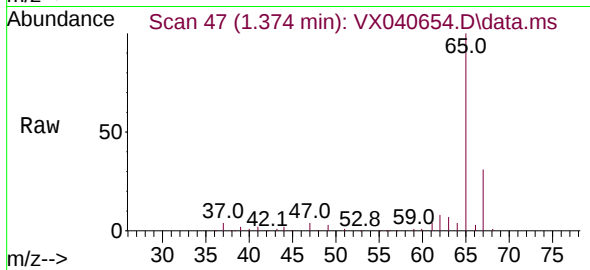
ClientSampleId :

Tgt Ion: 62 Resp: 2348

Ion Ratio Lower Upper

62 100

64 51.2 23.8 44.2#



#12

1,1-Dichloroethene

Concen: 17.438 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040654.D

Acq: 15 Mar 2024 15:15

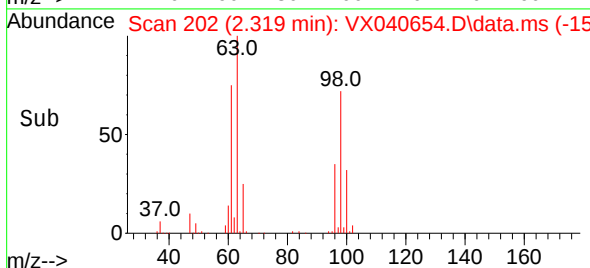
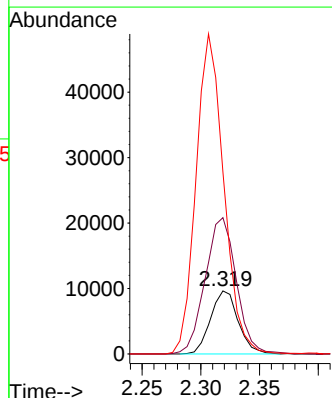
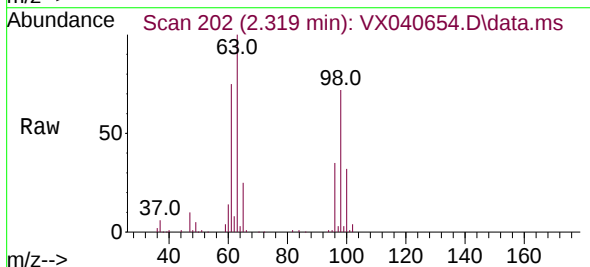
Tgt Ion: 96 Resp: 15757

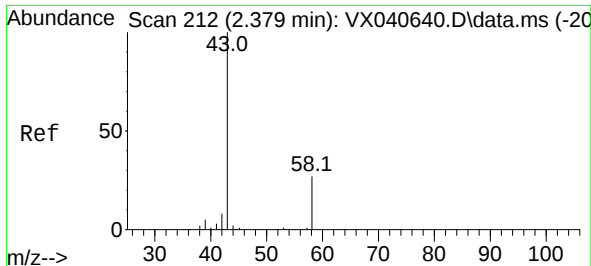
Ion Ratio Lower Upper

96 100

61 216.1 134.8 250.4

63 288.4 92.5 171.9#

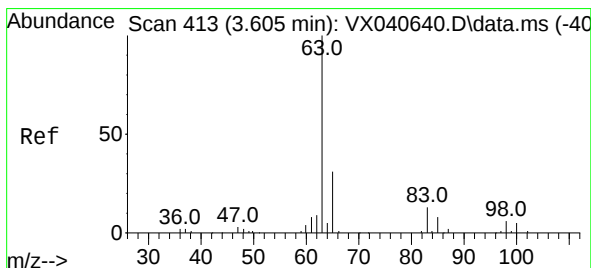
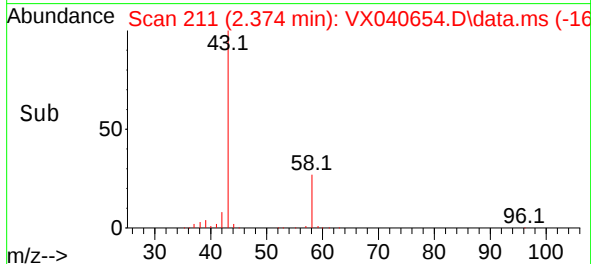
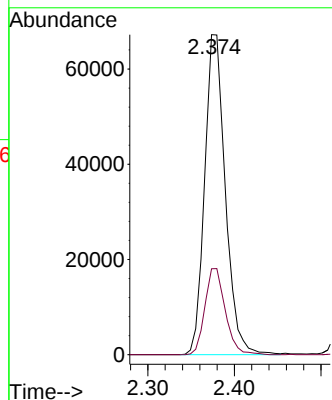
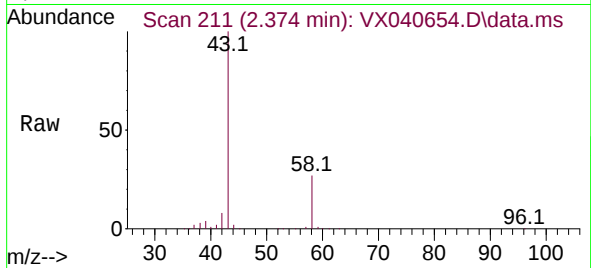




#13
Acetone
Concen: 157.003 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.005 min
Lab File: VX040654.D
Acq: 15 Mar 2024 15:15

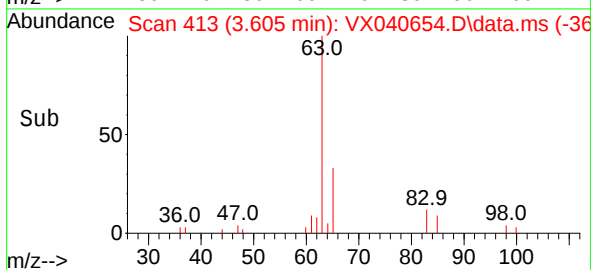
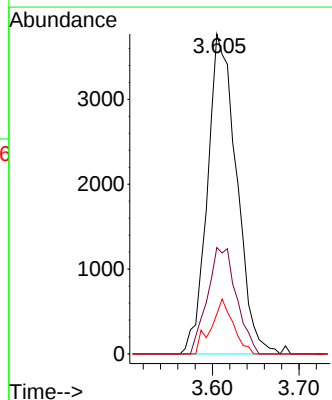
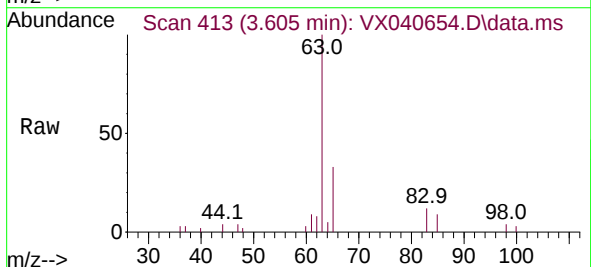
Instrument :
MSVOA_X
ClientSampleId :

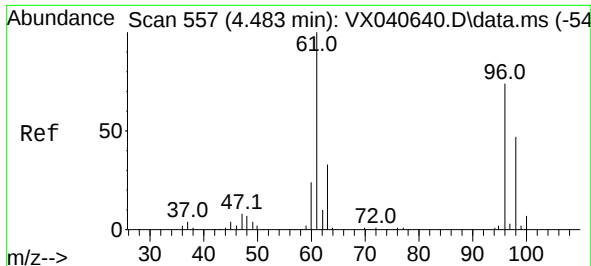
Tgt Ion: 43 Resp: 111797
Ion Ratio Lower Upper
43 100
58 26.4 0.0 54.6



#19
1,1-Dichloroethane
Concen: 4.893 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040654.D
Acq: 15 Mar 2024 15:15

Tgt Ion: 63 Resp: 8819
Ion Ratio Lower Upper
63 100
65 33.3 23.1 42.9
83 12.5 9.9 18.5

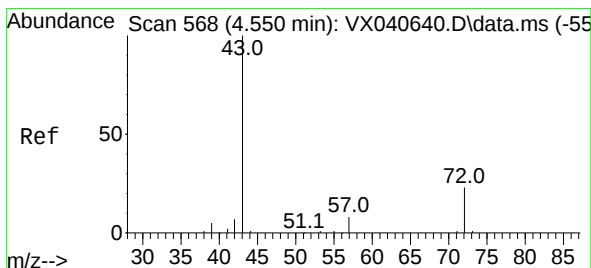
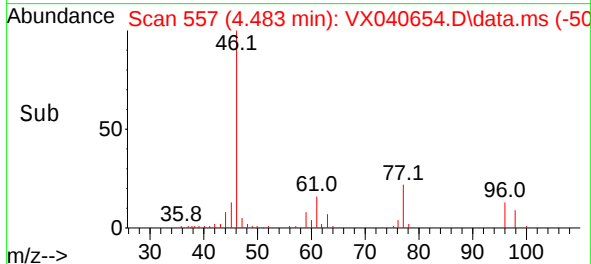
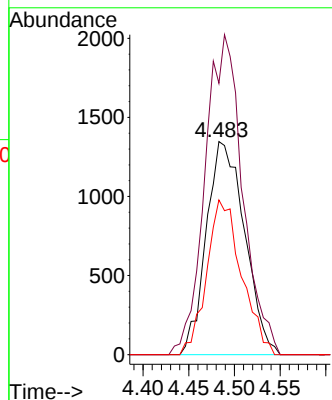
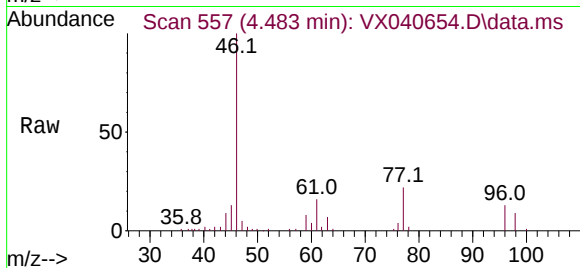




#20
 cis-1,2-Dichloroethene
 Concen: 3.775 ug/L
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX040654.D
 Acq: 15 Mar 2024 15:15

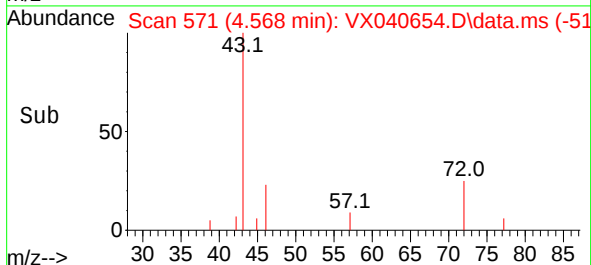
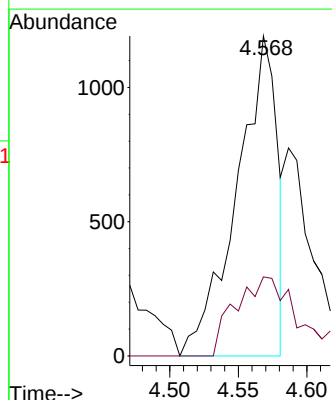
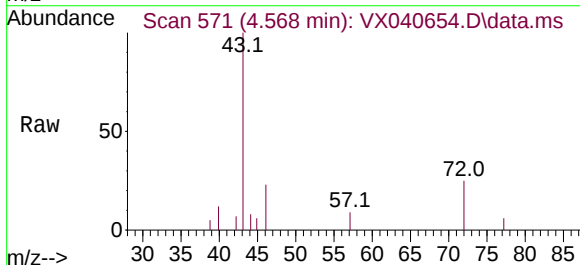
Instrument :
 MSVOA_X
 ClientSampleId :

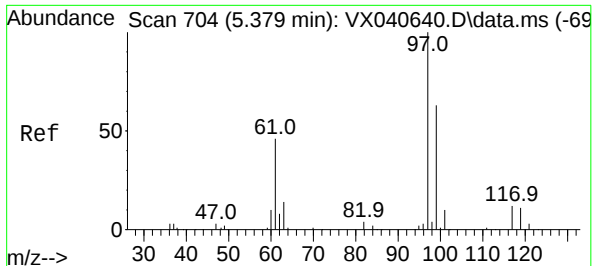
Tgt Ion: 96	Resp: 3927		
Ion Ratio	Lower	Upper	
96	100		
61	127.3	93.0	172.8
98	72.6	42.4	78.6



#22
 2-Butanone
 Concen: 2.591 ug/L
 RT: 4.568 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: VX040654.D
 Acq: 15 Mar 2024 15:15

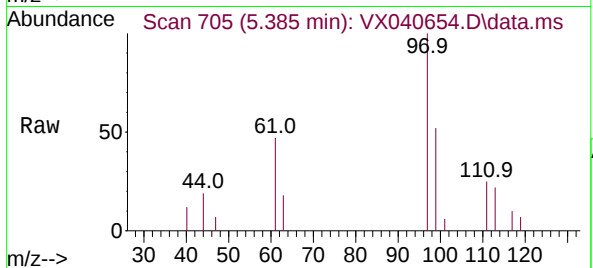
Tgt Ion: 43	Resp: 2443
Ion Ratio	Lower Upper
43 100	
72 24.2	12.4 37.2



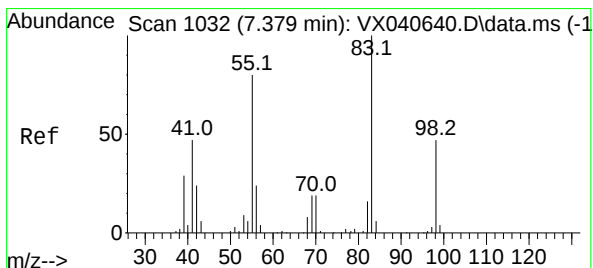
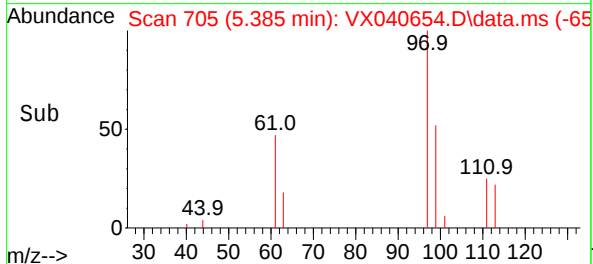
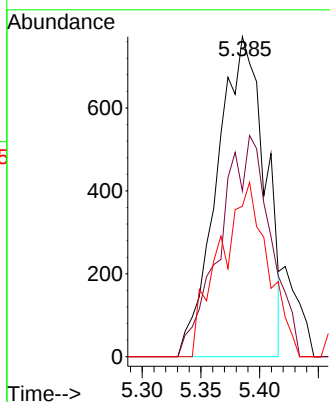


#30
1,1,1-Trichloroethane
Concen: 1.269 ug/L
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040654.D
Acq: 15 Mar 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :

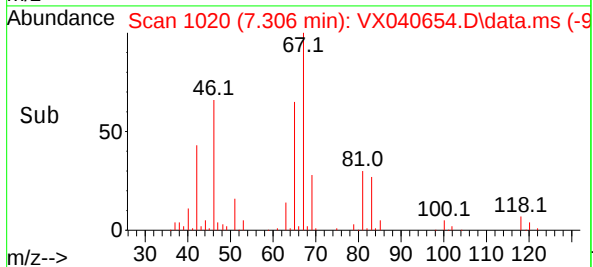
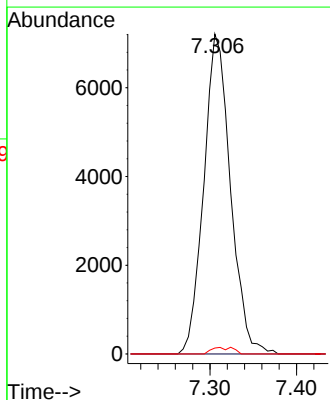
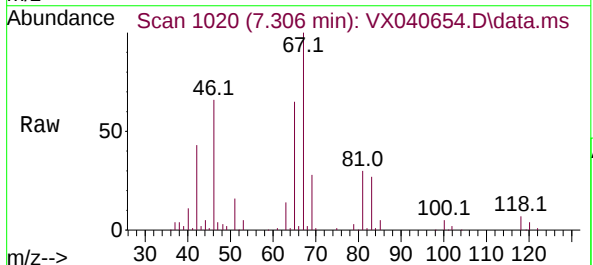


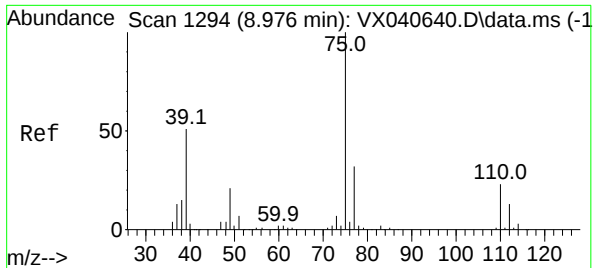
Tgt Ion: 97 Resp: 2195
Ion Ratio Lower Upper
97 100
99 35.9 52.1 78.1#
61 37.2 38.3 57.5#



#35
Methylcyclohexane
Concen: 9.606 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX040654.D
Acq: 15 Mar 2024 15:15

Tgt Ion: 83 Resp: 15462
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.1 37.4 56.2#





#44
trans-1,3-Dichloropropene
Concen: 1.064 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX040654.D
Acq: 15 Mar 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1724
Ion Ratio Lower Upper
75 100
77 23.9 22.1 41.1

