

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042493.D
 Acq On : 23 Jul 2024 23:49
 Operator : JC/MD
 Sample : P3327-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F4

Quant Time: Jul 24 03:55:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

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

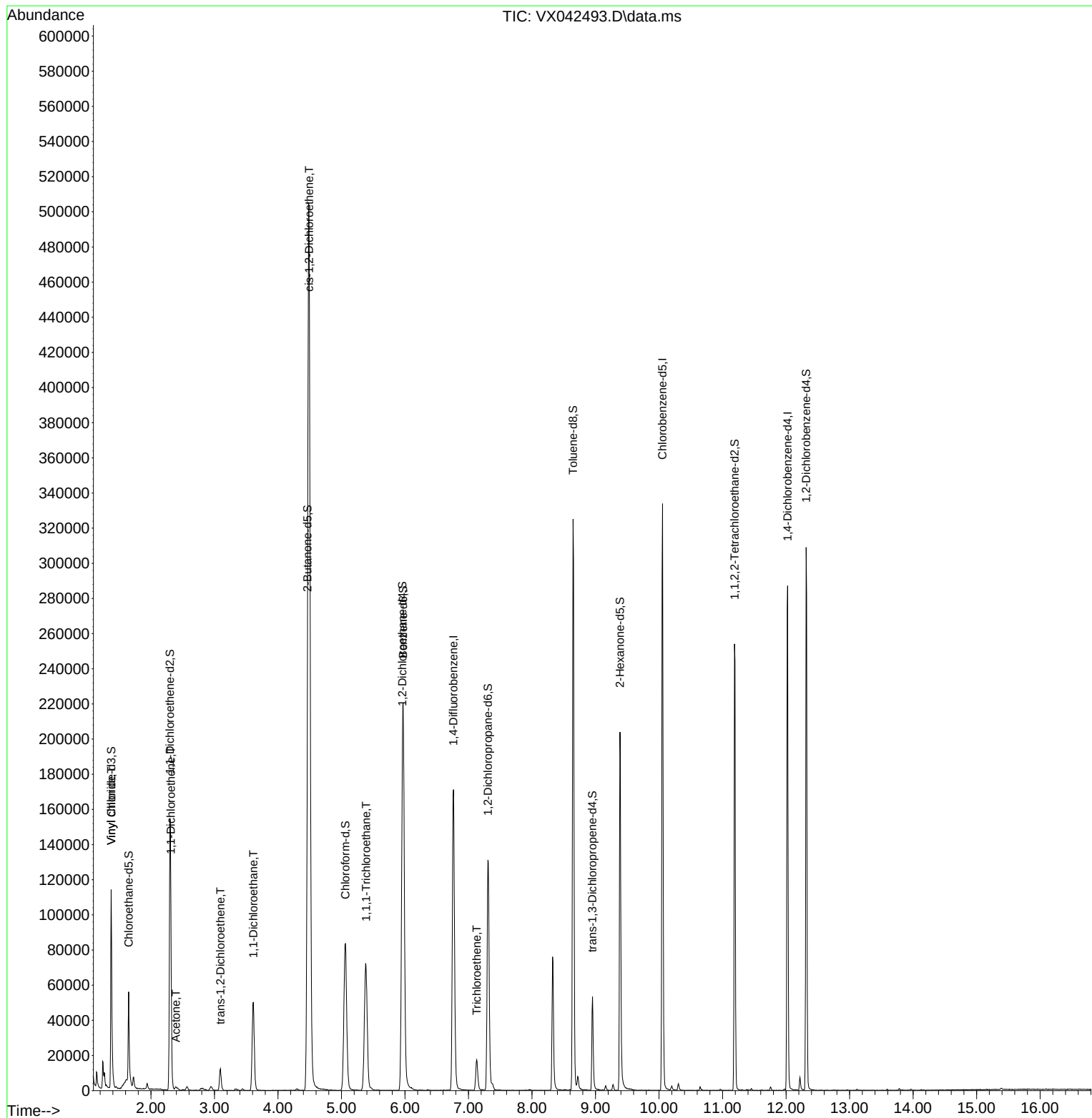
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	190834	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	165253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	46673	42.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.040%
7) Chloroethane-d5	1.648	69	32927	47.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	2.300	65	23412	48.159	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.320%
21) 2-Butanone-d5	4.465	46	86180	107.662	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.660%
24) Chloroform-d	5.062	84	112274	50.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
26) 1,2-Dichloroethane-d4	5.958	65	71809	54.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.940%
32) Benzene-d6	5.970	84	228388	53.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.940%
36) 1,2-Dichloropropane-d6	7.306	67	70966	55.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.420%
41) Toluene-d8	8.647	98	200335	50.329	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.660%
43) trans-1,3-Dichloroprop...	8.952	79	27138	48.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.700%
47) 2-Hexanone-d5	9.384	63	63551	108.916	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	98874	52.028	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	72920	54.149	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.300%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	37664	27.760	ug/L	100
12) 1,1-Dichloroethene	2.313	96	17735	15.386	ug/L #	59
13) Acetone	2.392	43	2226	4.076	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	5247	4.426	ug/L	96
19) 1,1-Dichloroethane	3.611	63	57109	26.825	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	326217	234.216	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	74819	41.586	ug/L	99
34) Trichloroethene	7.129	95	6755	5.580	ug/L	93

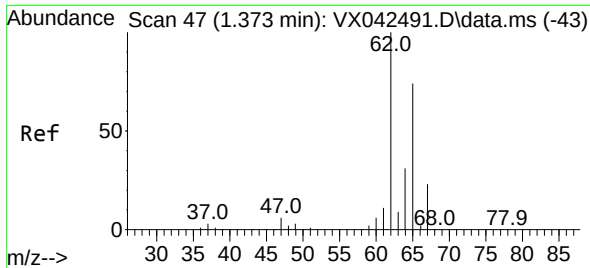
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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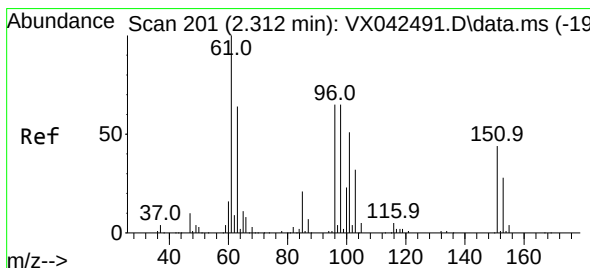
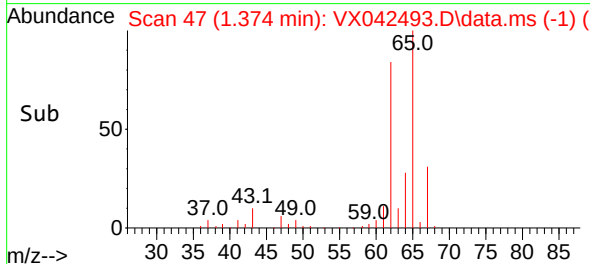
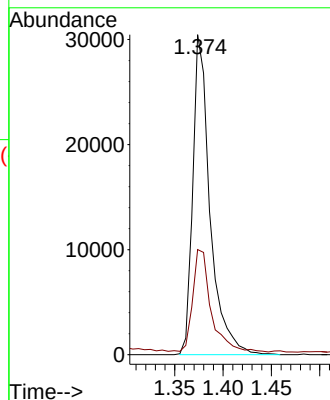
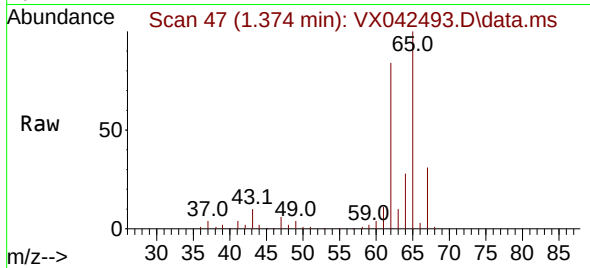




#5
 Vinyl chloride
 Concen: 27.760 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042493.D
 Acq: 23 Jul 2024 23:49

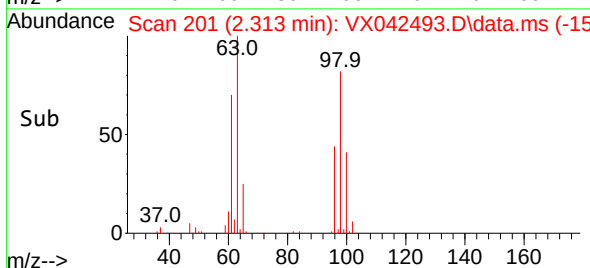
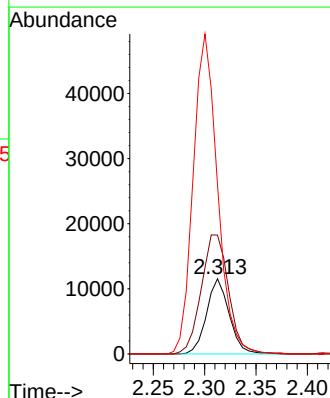
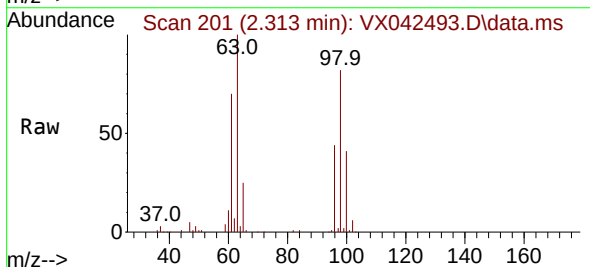
Instrument :
 MSVOA_X
 ClientSampleId :
 E20F4

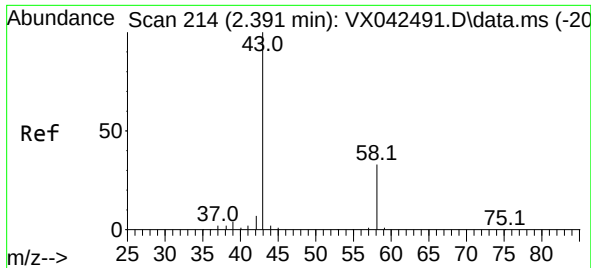
Tgt Ion: 62 Resp: 37664
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 15.386 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042493.D
 Acq: 23 Jul 2024 23:49

Tgt Ion: 96 Resp: 17735
 Ion Ratio Lower Upper
 96 100
 61 157.9 106.7 198.1
 63 225.1 89.2 165.6#





#13

Acetone

Concen: 4.076 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042493.D

Acq: 23 Jul 2024 23:49

Instrument :

MSVOA_X

ClientSampleId :

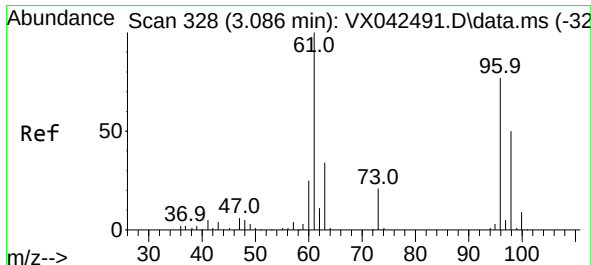
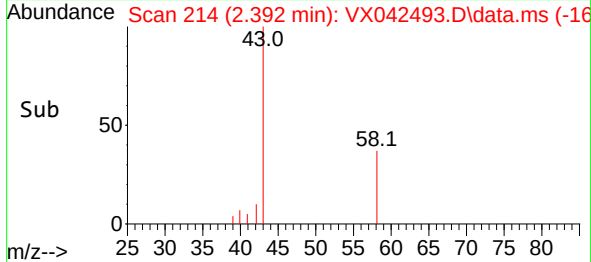
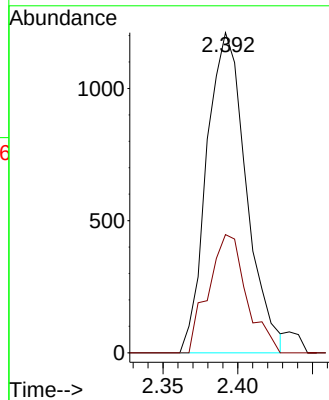
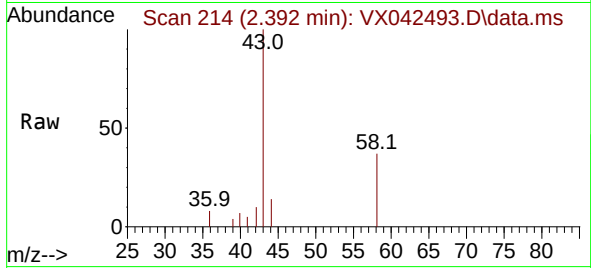
E20F4

Tgt Ion: 43 Resp: 2226

Ion Ratio Lower Upper

43 100

58 35.5 0.0 62.6



#17

trans-1,2-Dichloroethene

Concen: 4.426 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX042493.D

Acq: 23 Jul 2024 23:49

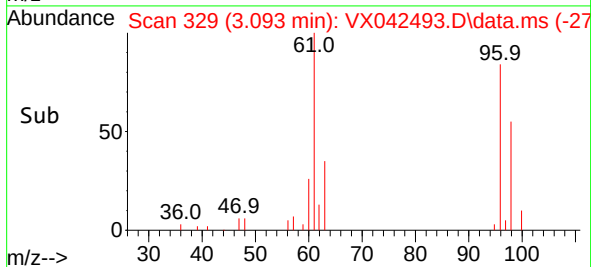
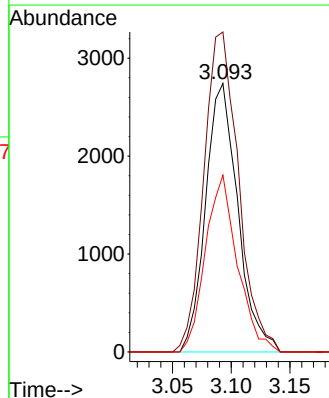
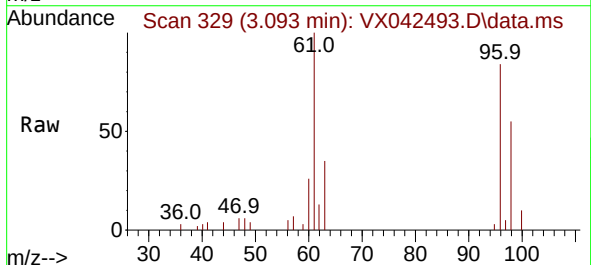
Tgt Ion: 96 Resp: 5247

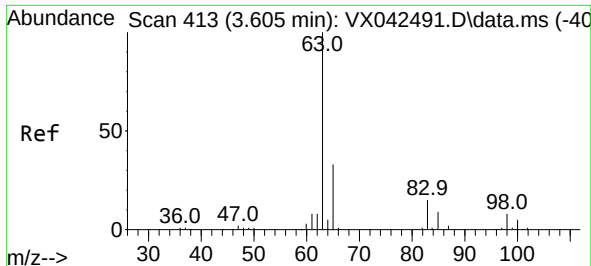
Ion Ratio Lower Upper

96 100

61 119.2 88.4 164.2

98 65.8 46.5 86.5





#19

1,1-Dichloroethane

Concen: 26.825 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX042493.D

Acq: 23 Jul 2024 23:49

Instrument :

MSVOA_X

ClientSampleId :

E20F4

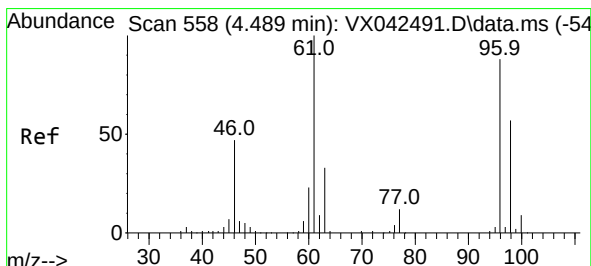
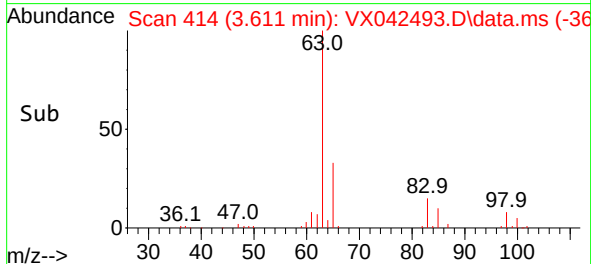
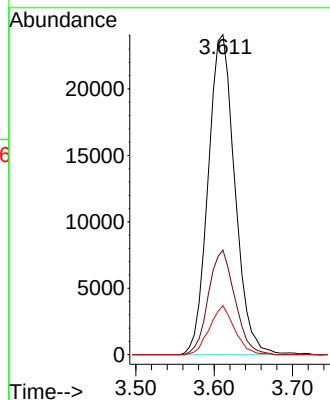
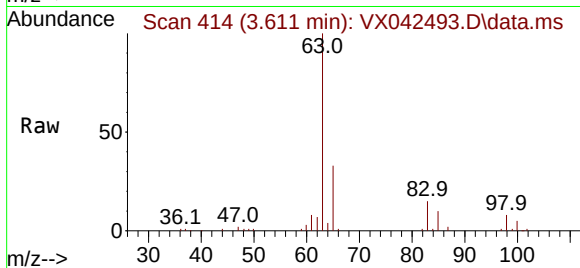
Tgt Ion: 63 Resp: 57109

Ion Ratio Lower Upper

63 100

65 32.7 22.2 41.2

83 15.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 234.216 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042493.D

Acq: 23 Jul 2024 23:49

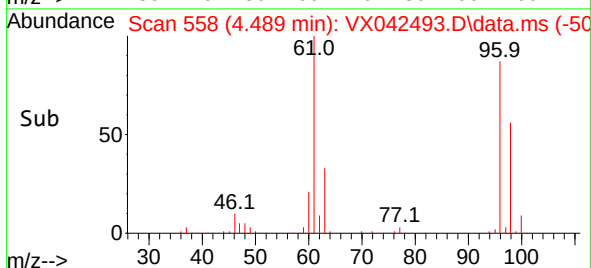
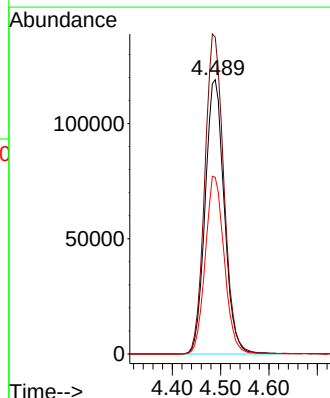
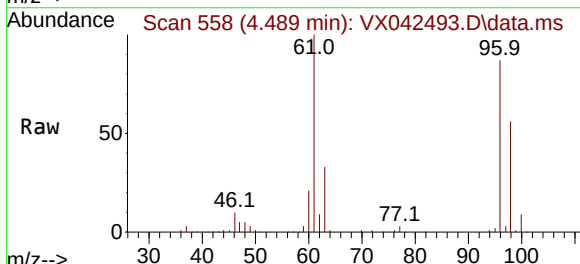
Tgt Ion: 96 Resp: 326217

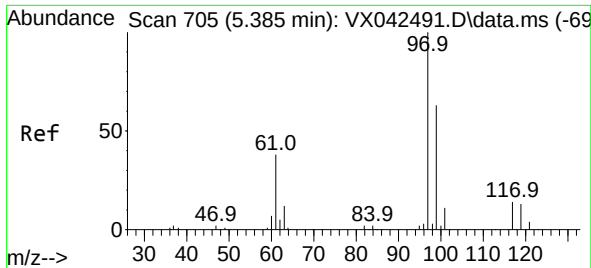
Ion Ratio Lower Upper

96 100

61 115.5 80.5 149.5

98 64.4 45.7 84.9

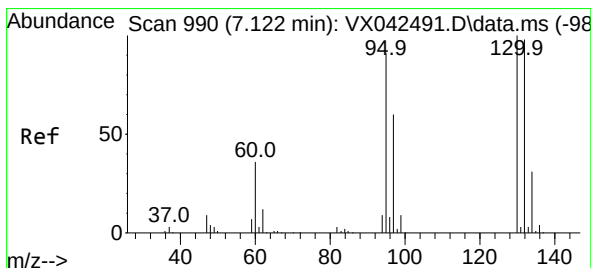
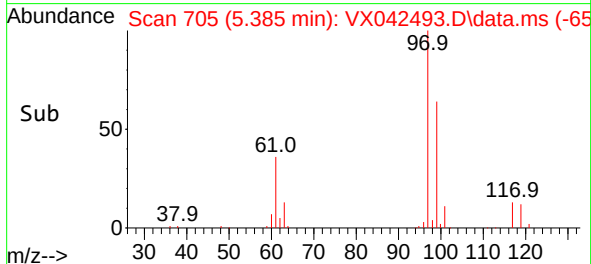
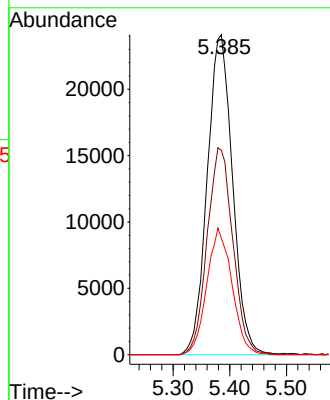
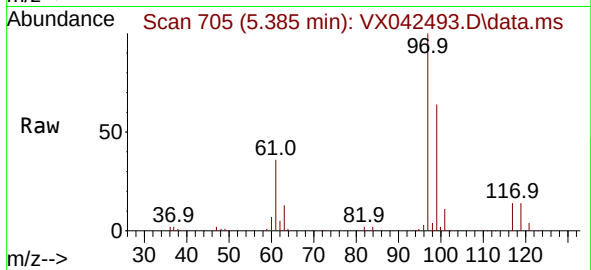




#30
1,1,1-Trichloroethane
Concen: 41.586 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042493.D
Acq: 23 Jul 2024 23:49

Instrument :
MSVOA_X
ClientSampleId :
E20F4

Tgt Ion:	97	Resp:	74819
Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.0	78.0
61	39.2	31.2	46.8



#34
Trichloroethene
Concen: 5.580 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX042493.D
Acq: 23 Jul 2024 23:49

Tgt Ion:	95	Resp:	6755
Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.1	83.7
132	105.7	77.2	143.4
130	102.0	80.3	149.1

