

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042494.D
 Acq On : 24 Jul 2024 00:13
 Operator : JC/MD
 Sample : P3327-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:56:05 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)

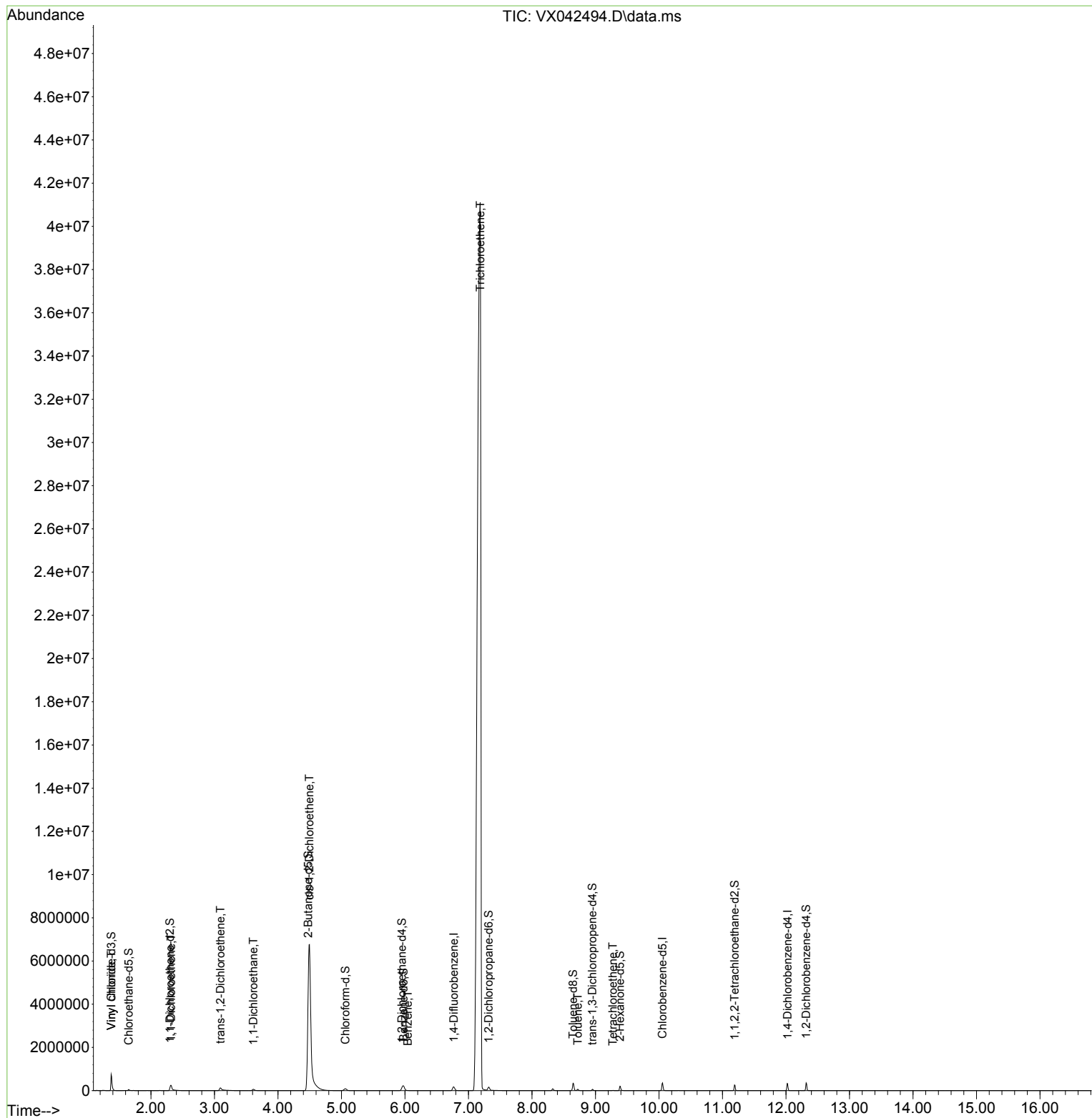
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	203827	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.055	117	181352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	53369	44.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.960%
7) Chloroethane-d5	1.648	69	35167	47.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	2.300	65	21586	41.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.140%
21) 2-Butanone-d5	4.477	46	93157	108.960	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.960%
24) Chloroform-d	5.062	84	119439	50.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.140%
26) 1,2-Dichloroethane-d4	5.952	65	76675	54.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.920%
32) Benzene-d6	5.977	84	242820	51.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	7.318	67	74424	52.758	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.520%
41) Toluene-d8	8.647	98	215912	49.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
43) trans-1,3-Dichloroprop...	8.952	79	31666	51.939	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.880%
47) 2-Hexanone-d5	9.385	63	65109	101.680	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.680%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103396	49.578	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	81108	51.451	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.900%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	528775	364.892	ug/L	99
12) 1,1-Dichloroethene	2.319	96	100085	81.295	ug/L #	80
17) trans-1,2-Dichloroethene	3.093	96	109351	86.357	ug/L	97
19) 1,1-Dichloroethane	3.611	63	81451	35.820	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	5530953	3717.951	ug/L	99
33) Benzene	6.044	78	5696	1.123	ug/L	100
34) Trichloroethene	7.184	95	25461751	19167.126	ug/L	93
42) Toluene	8.720	91	43628	8.062	ug/L	99
46) Tetrachloroethene	9.275	164	2228	1.792	ug/L	94

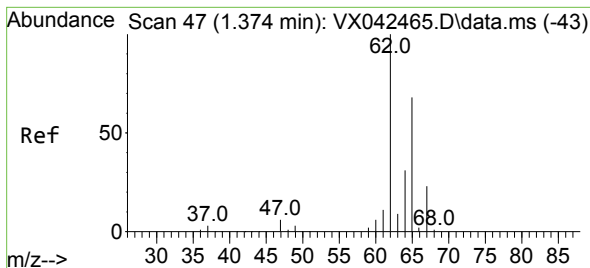
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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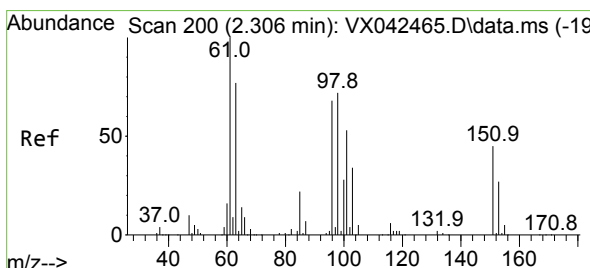
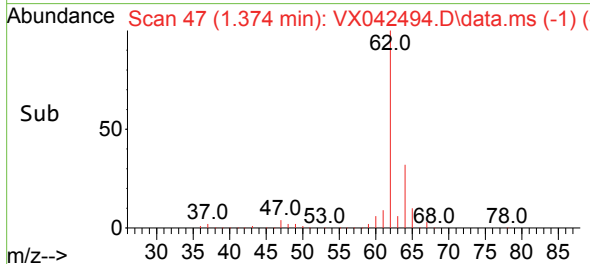
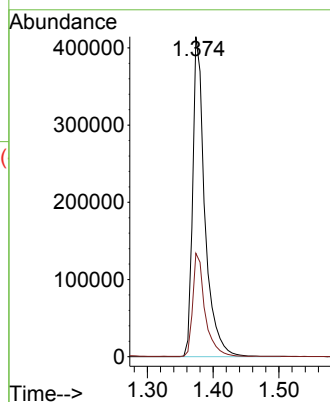
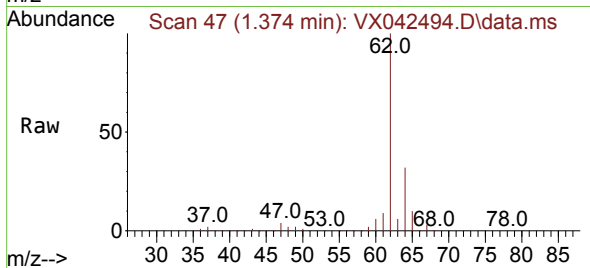




#5
 Vinyl chloride
 Concen: 364.892 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042494.D
 Acq: 24 Jul 2024 00:13

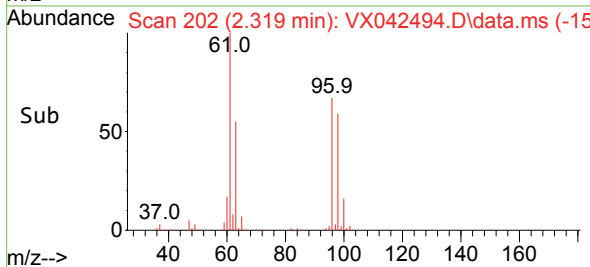
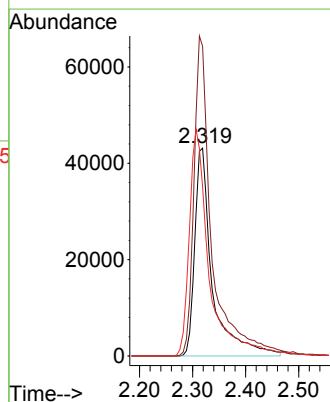
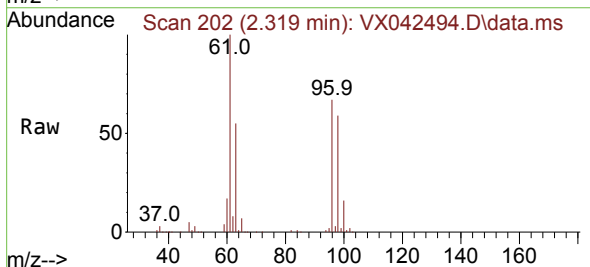
Instrument :
 MSVOA_X
 ClientSampleId :

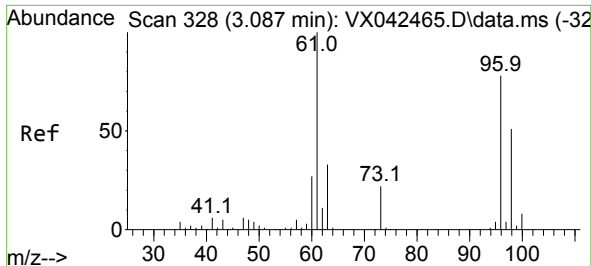
Tgt Ion: 62 Resp: 528775
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 81.295 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.012 min
 Lab File: VX042494.D
 Acq: 24 Jul 2024 00:13

Tgt Ion: 96 Resp: 100085
 Ion Ratio Lower Upper
 96 100
 61 149.0 106.7 198.1
 63 81.5 89.2 165.6#





#17

trans-1,2-Dichloroethene

Concen: 86.357 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX042494.D

Acq: 24 Jul 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

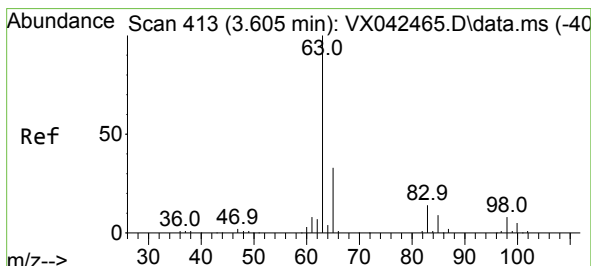
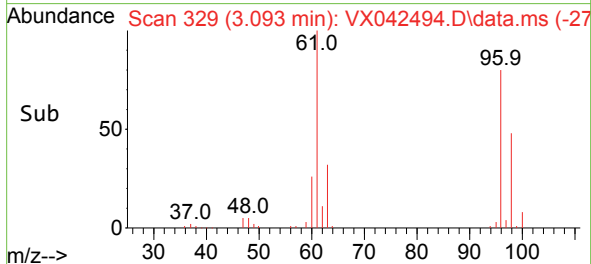
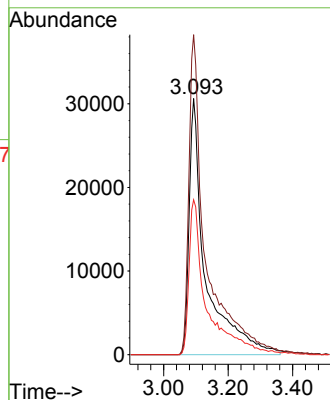
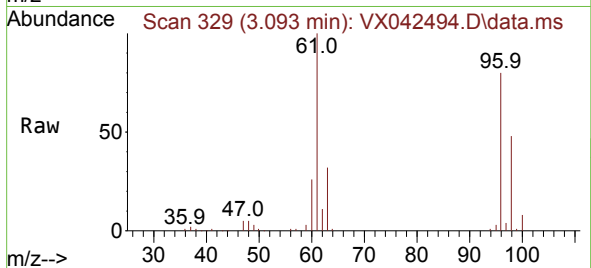
Tgt Ion: 96 Resp: 109351

Ion Ratio Lower Upper

96 100

61 124.9 88.4 164.2

98 60.5 46.5 86.5



#19

1,1-Dichloroethane

Concen: 35.820 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX042494.D

Acq: 24 Jul 2024 00:13

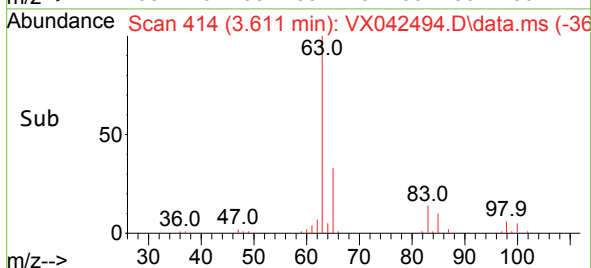
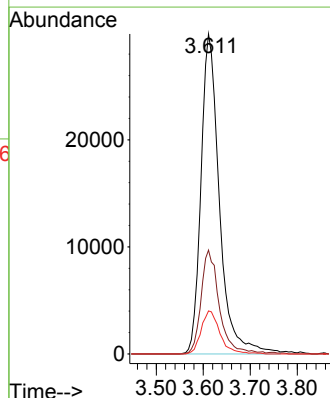
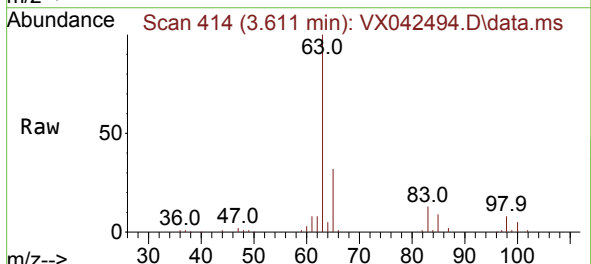
Tgt Ion: 63 Resp: 81451

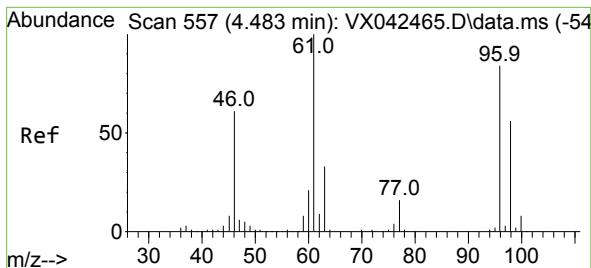
Ion Ratio Lower Upper

63 100

65 32.5 22.2 41.2

83 13.4 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 3717.951 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX042494.D

Acq: 24 Jul 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

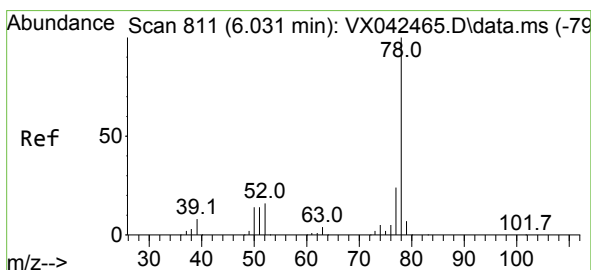
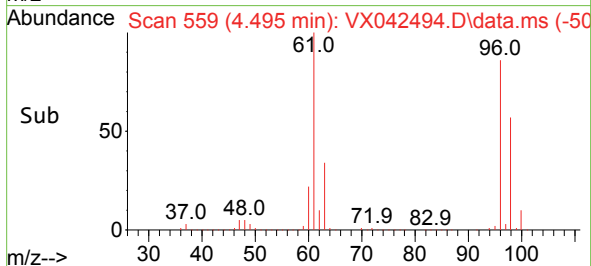
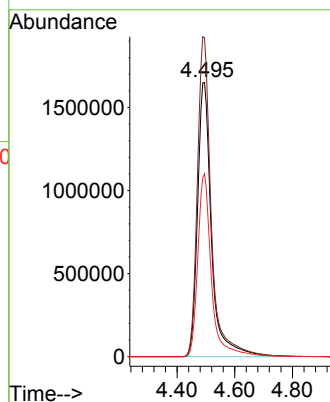
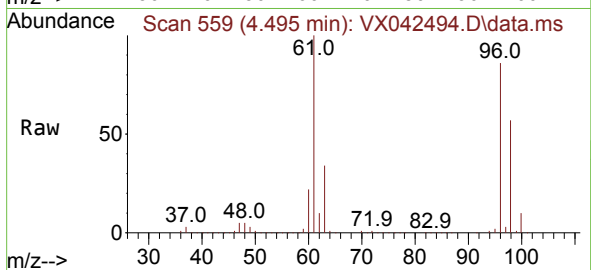
Tgt Ion: 96 Resp: 5530953

Ion Ratio Lower Upper

96 100

61 116.3 80.5 149.5

98 66.7 45.7 84.9



#33

Benzene

Concen: 1.123 ug/L

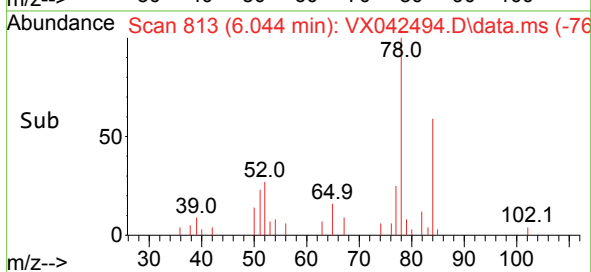
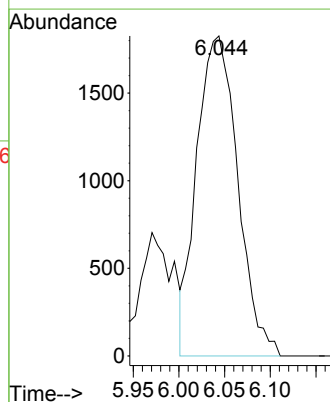
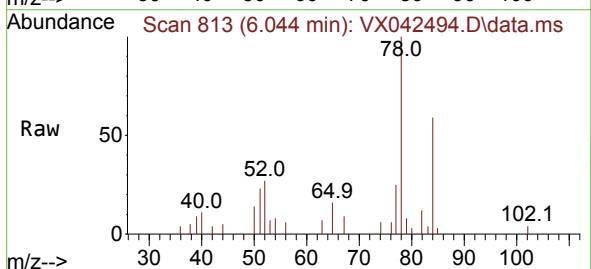
RT: 6.044 min Scan# 813

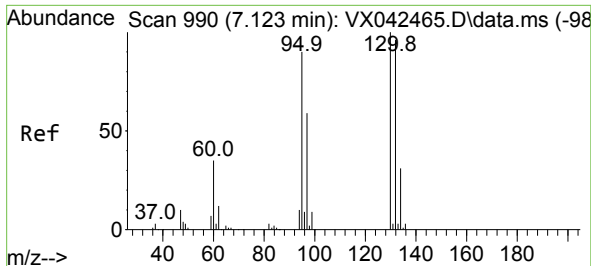
Delta R.T. 0.012 min

Lab File: VX042494.D

Acq: 24 Jul 2024 00:13

Tgt Ion: 78 Resp: 5696

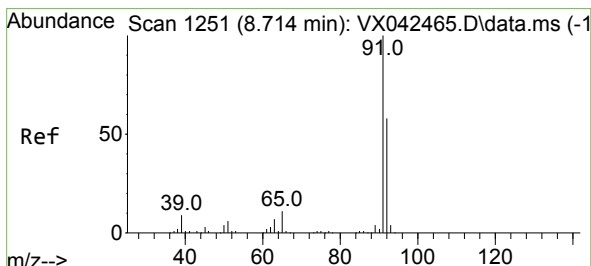
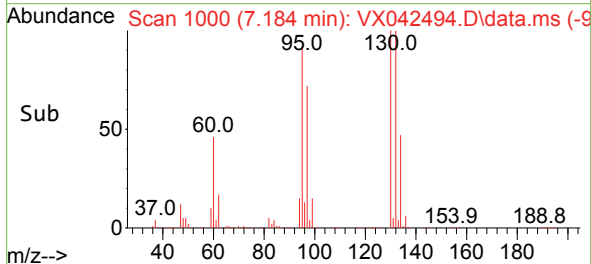
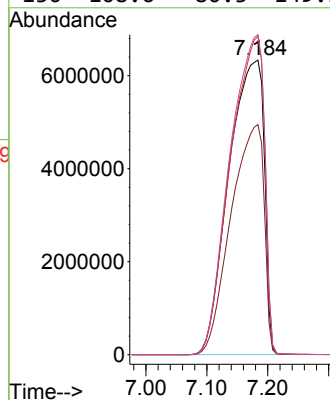
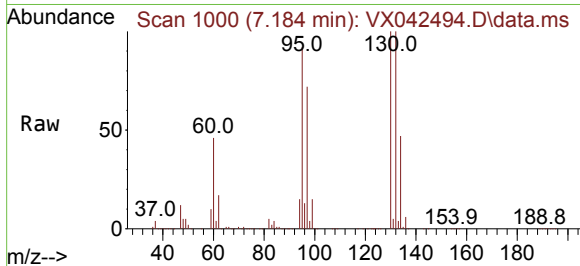




#34
Trichloroethene
Concen: 19167.126 ug/L
RT: 7.184 min Scan# 1000
Delta R.T. 0.061 min
Lab File: VX042494.D
Acq: 24 Jul 2024 00:13

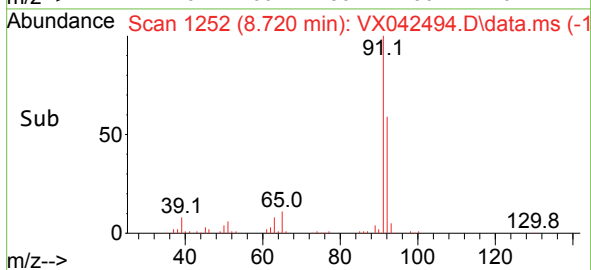
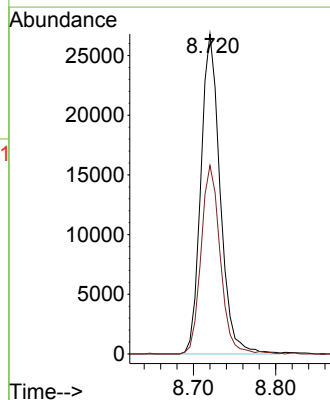
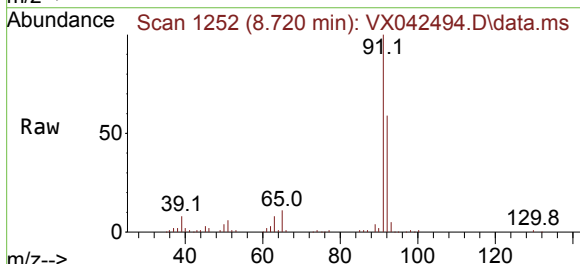
Instrument :
MSVOA_X
ClientSampleId :

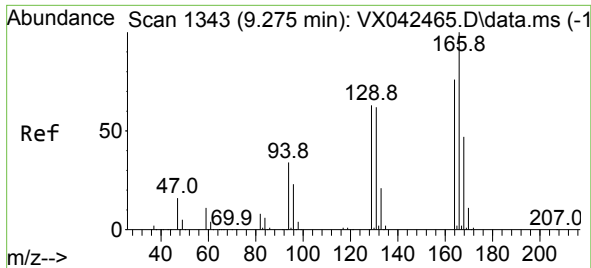
Tgt Ion: 95 Resp:25461751
Ion Ratio Lower Upper
95 100
97 78.1 45.1 83.7
132 108.1 77.2 143.4
130 108.6 80.3 149.1



#42
Toluene
Concen: 8.062 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX042494.D
Acq: 24 Jul 2024 00:13

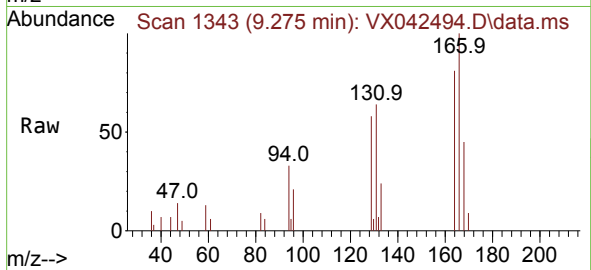
Tgt Ion: 91 Resp: 43628
Ion Ratio Lower Upper
91 100
92 58.9 41.6 77.3





#46
 Tetrachloroethene
 Concen: 1.792 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042494.D
 Acq: 24 Jul 2024 00:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	164	Resp:	2228
Ion	Ratio	Lower	Upper
164	100		
129	78.3	58.6	108.8
131	78.7	57.9	107.5
166	123.0	91.8	170.4

