

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072724\
 Data File : VX042579.D
 Acq On : 25 Jul 2024 20:04
 Operator : JC/MD
 Sample : P3334-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 26 00:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 00:18:59 2024
 Response via : Initial Calibration

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

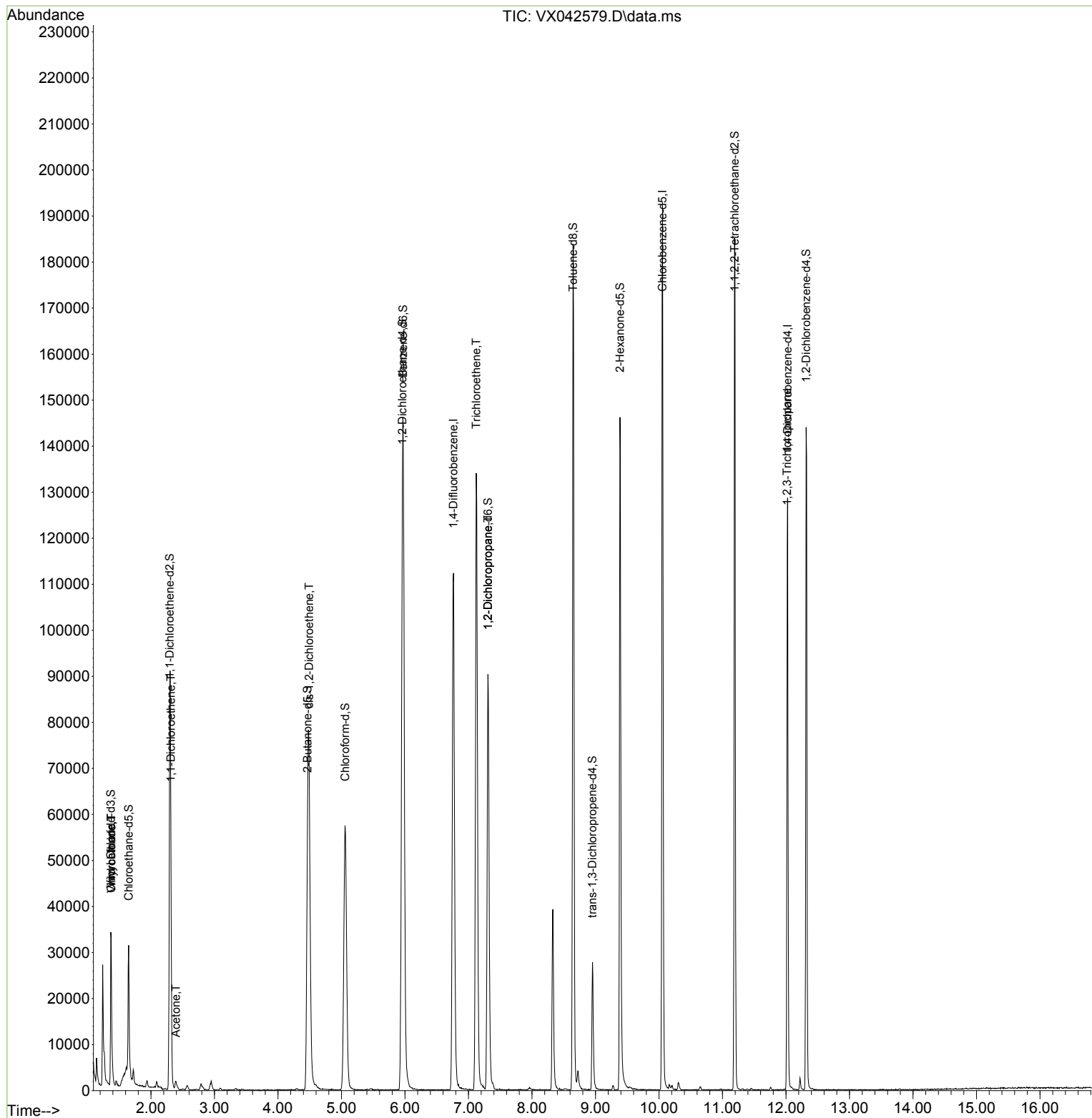
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	125258	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	97545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30527	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22364	30.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.340%
7) Chloroethane-d5	1.648	69	18814	40.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.960%
11) 1,1-Dichloroethene-d2	2.294	65	12511	39.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.420%
21) 2-Butanone-d5	4.465	46	66638	126.832	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.830%
24) Chloroform-d	5.056	84	77637	52.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.920%
26) 1,2-Dichloroethane-d4	5.958	65	50578	58.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.900%
32) Benzene-d6	5.971	84	147475	58.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.980%
36) 1,2-Dichloropropane-d6	7.306	67	46892	61.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.600%#
41) Toluene-d8	8.647	98	113785	48.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.860%
43) trans-1,3-Dichloroprop...	8.952	79	14422	43.978	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	9.385	63	45858	133.146	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.150%#
56) 1,1,2,2-Tetrachloroeth...	11.189	84	71738	63.951	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	127.900%#
66) 1,2-Dichlorobenzene-d4	12.317	152	34876	58.820	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.640%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	2933	3.294	ug/L #	65
8) Chloroethane	1.374	64	1093	2.462	ug/L	90
12) 1,1-Dichloroethene	2.313	96	12270	16.218	ug/L	84
13) Acetone	2.392	43	2405	6.710	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	36698	40.142	ug/L	98
34) Trichloroethene	7.123	95	52559	73.559	ug/L	96
37) 1,2-Dichloropropane	7.306	63	5249	7.500	ug/L #	84
61) 1,2,3-Trichloropropane	12.018	75	2865	5.285	ug/L #	61

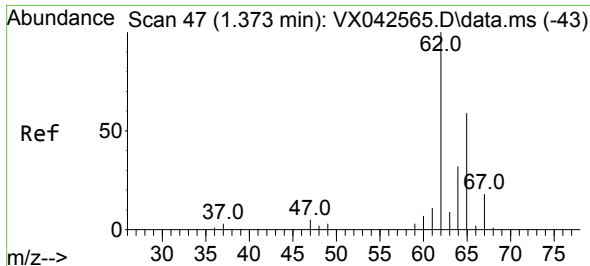
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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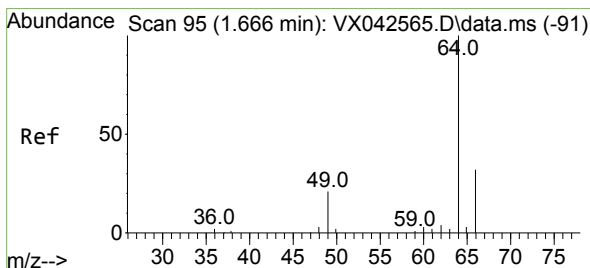
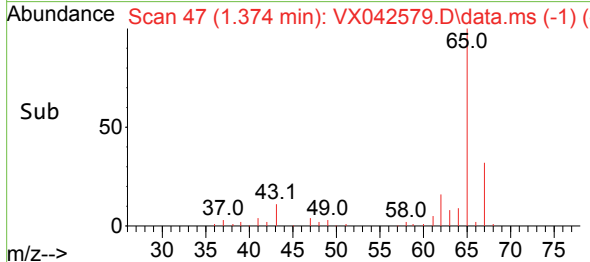
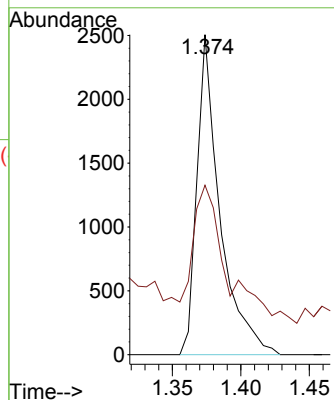
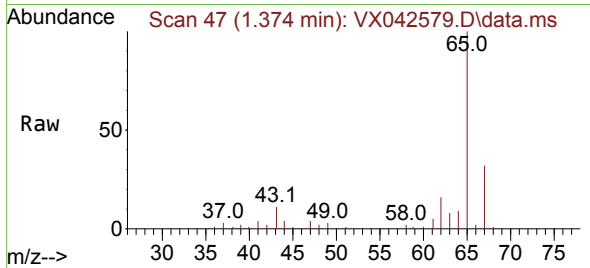




#5
 Vinyl chloride
 Concen: 3.294 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX042579.D
 Acq: 25 Jul 2024 20:04

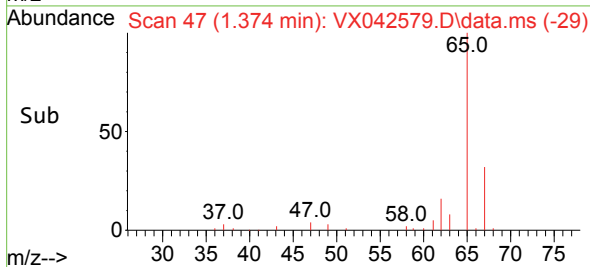
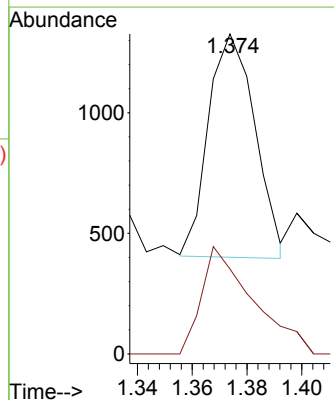
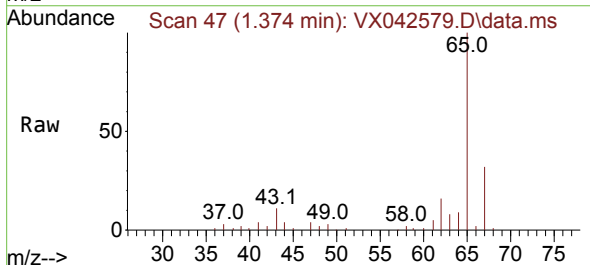
Instrument :
 MSVOA_X
 ClientSampleId :

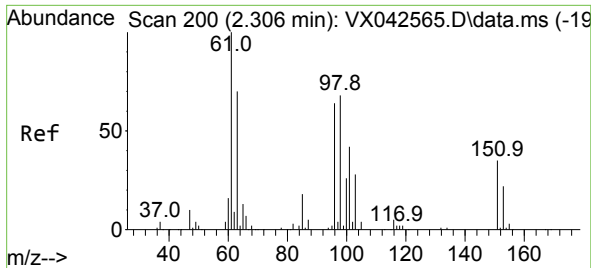
Tgt Ion: 62 Resp: 2933
 Ion Ratio Lower Upper
 62 100
 64 53.0 23.2 43.0#



#8
 Chloroethane
 Concen: 2.462 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.292 min
 Lab File: VX042579.D
 Acq: 25 Jul 2024 20:04

Tgt Ion: 64 Resp: 1093
 Ion Ratio Lower Upper
 64 100
 66 26.5 22.5 41.7





#12

1,1-Dichloroethene

Concen: 16.218 ug/L

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX042579.D

Acq: 25 Jul 2024 20:04

Instrument :

MSVOA_X

ClientSampleId :

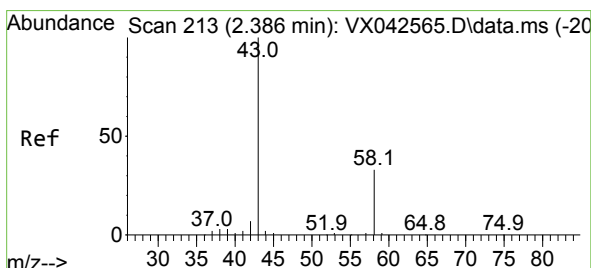
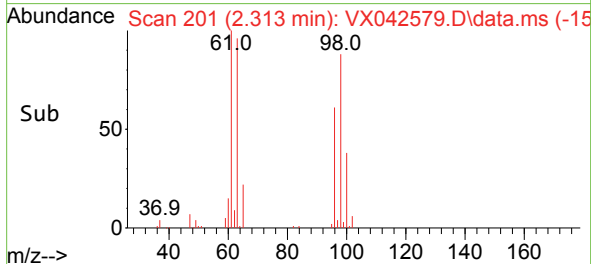
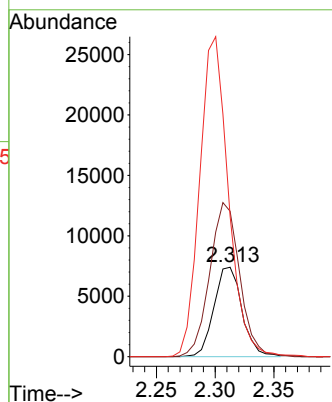
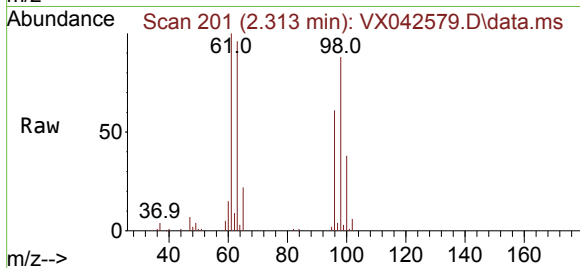
Tgt Ion: 96 Resp: 12270

Ion Ratio Lower Upper

96 100

61 162.8 106.7 198.1

63 156.9 89.2 165.6



#13

Acetone

Concen: 6.710 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX042579.D

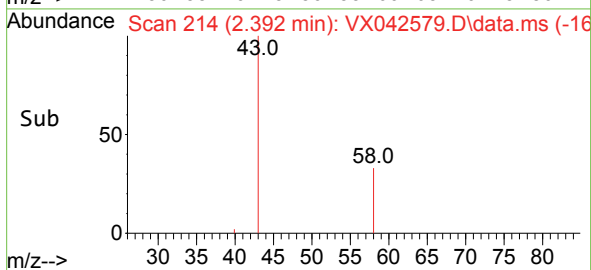
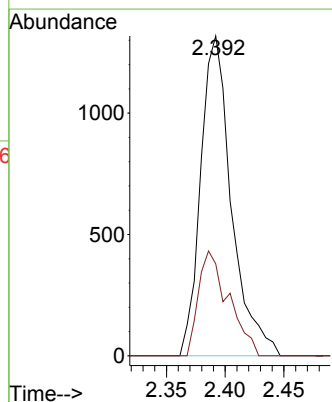
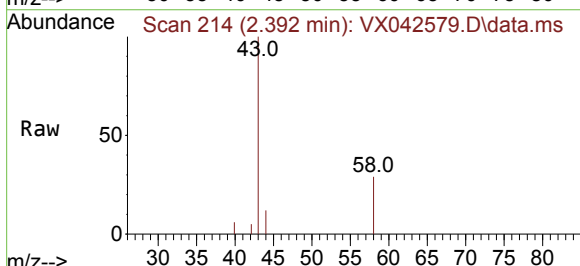
Acq: 25 Jul 2024 20:04

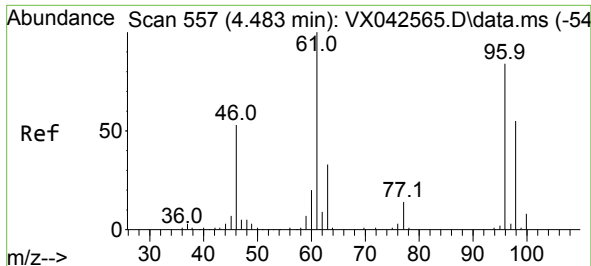
Tgt Ion: 43 Resp: 2405

Ion Ratio Lower Upper

43 100

58 32.1 0.0 62.6

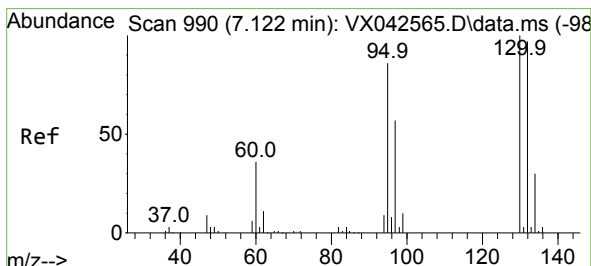
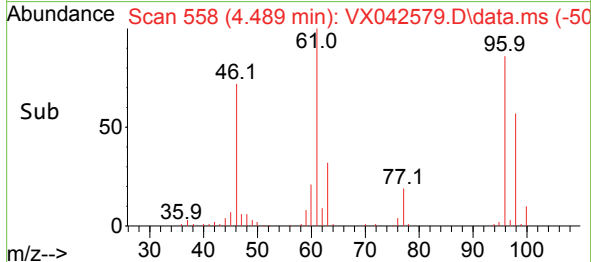
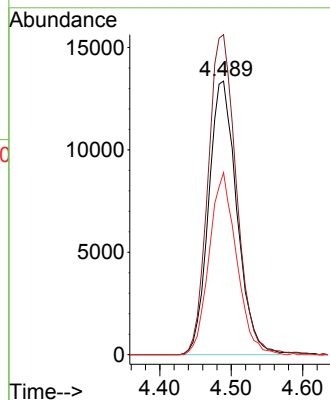
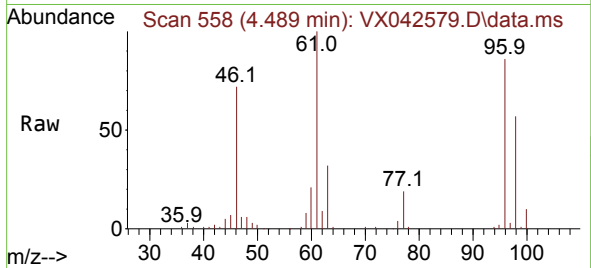




#20
cis-1,2-Dichloroethene
Concen: 40.142 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042579.D
Acq: 25 Jul 2024 20:04

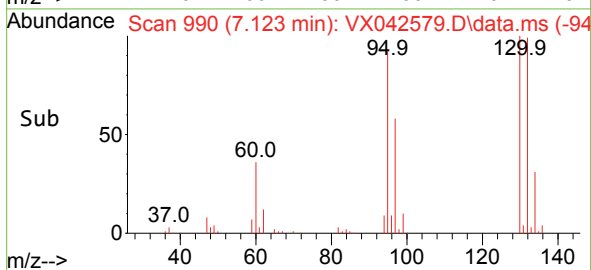
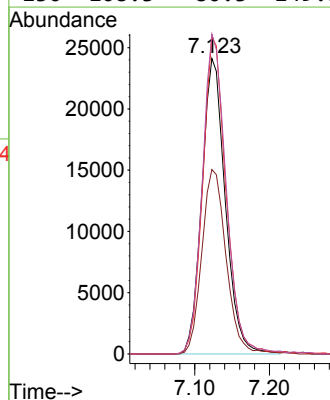
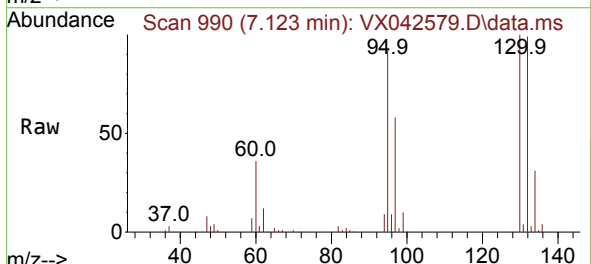
Instrument :
MSVOA_X
ClientSampleId :

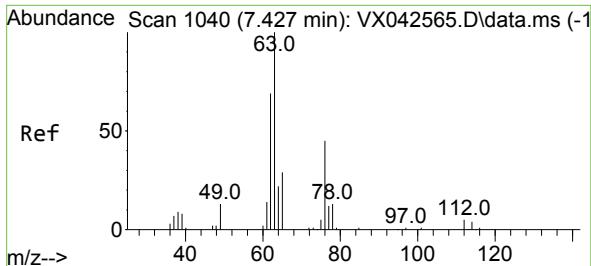
Tgt Ion: 96 Resp: 36698
Ion Ratio Lower Upper
96 100
61 116.9 80.5 149.5
98 66.6 45.7 84.9



#34
Trichloroethene
Concen: 73.559 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042579.D
Acq: 25 Jul 2024 20:04

Tgt Ion: 95 Resp: 52559
Ion Ratio Lower Upper
95 100
97 62.4 45.1 83.7
132 107.3 77.2 143.4
130 108.3 80.3 149.1





#37

1,2-Dichloropropane

Concen: 7.500 ug/L

RT: 7.306 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX042579.D

Acq: 25 Jul 2024 20:04

Instrument :

MSVOA_X

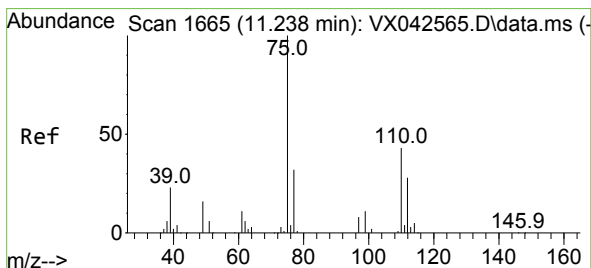
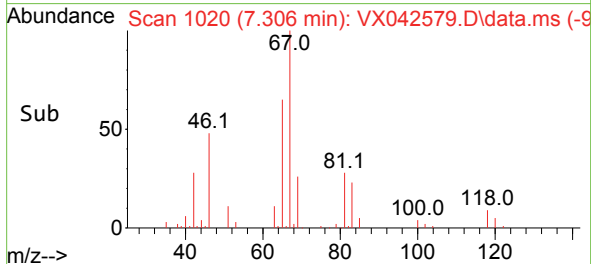
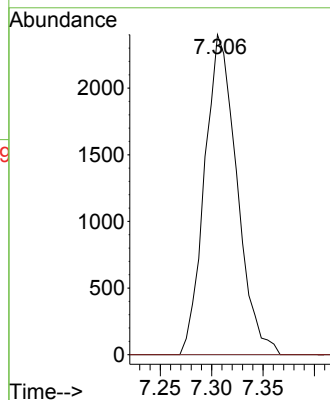
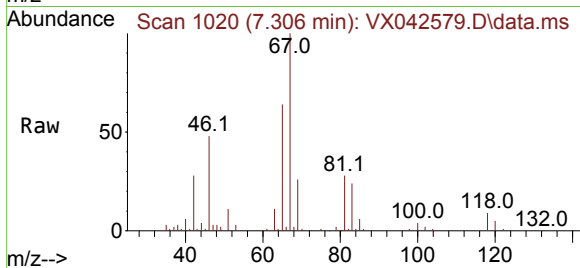
ClientSampleId :

Tgt Ion: 63 Resp: 5249

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#61

1,2,3-Trichloropropane

Concen: 5.285 ug/L

RT: 12.018 min Scan# 1793

Delta R.T. 0.781 min

Lab File: VX042579.D

Acq: 25 Jul 2024 20:04

Tgt Ion: 75 Resp: 2865

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8

110 1.4 35.4 53.0#

