

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
 Data File : VX040679.D  
 Acq On : 16 Mar 2024 01:33  
 Operator : JC/MD  
 Sample : P1754-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 16 05:55:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM030724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 05:02:38 2024  
 Response via : Initial Calibration

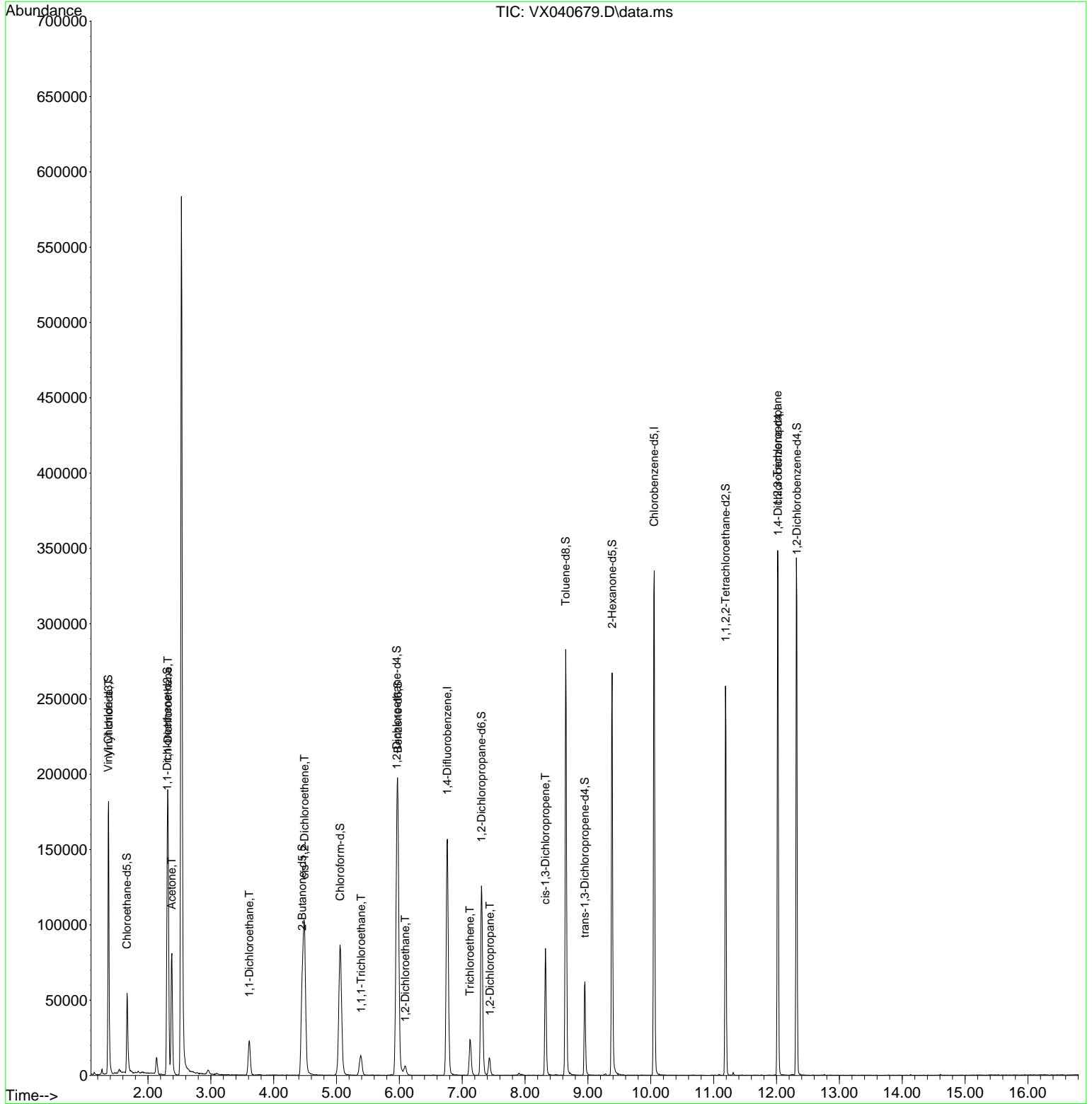
Compound	R.T.	QI on	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	6.763	114	150670	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	142349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67863	50.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl chloride-d3	1.368	65	42160	31.921	ug/L	0.00
Spike Amount	50.000	Range	60 - 135	Recovery	=	63.840%
7) Chloroethane-d5	1.666	69	40410	38.324	ug/L	0.00
Spike Amount	50.000	Range	70 - 130	Recovery	=	76.640%
11) 1,1-Dichloroethene-d2	2.306	65	19976	32.856	ug/L	0.00
Spike Amount	50.000	Range	60 - 125	Recovery	=	65.720%
21) 2-Butanone-d5	4.452	46	98886	97.568	ug/L	0.00
Spike Amount	100.000	Range	40 - 130	Recovery	=	97.570%
24) Chloroform-d	5.056	84	106141	43.274	ug/L	0.00
Spike Amount	50.000	Range	70 - 125	Recovery	=	86.540%
26) 1,2-Dichloroethane-d4	5.958	65	80297	43.849	ug/L	0.00
Spike Amount	50.000	Range	70 - 125	Recovery	=	87.700%
32) Benzene-d6	5.976	84	178520	40.877	ug/L	0.00
Spike Amount	50.000	Range	70 - 125	Recovery	=	81.760%
36) 1,2-Dichloropropane-d6	7.306	67	59629	44.055	ug/L	0.00
Spike Amount	50.000	Range	70 - 120	Recovery	=	88.100%
41) Toluene-d8	8.647	98	157288	37.372	ug/L	0.00
Spike Amount	50.000	Range	80 - 120	Recovery	=	74.740%#
43) trans-1,3-Dichloropropene	8.952	79	28698	39.837	ug/L	0.00
Spike Amount	50.000	Range	60 - 125	Recovery	=	79.680%
47) 2-Hexanone-d5	9.384	63	69150	92.591	ug/L	0.00
Spike Amount	100.000	Range	45 - 130	Recovery	=	92.590%
56) 1,1,2,2-Tetrachloroethene	11.189	84	96483	47.610	ug/L	0.00
Spike Amount	50.000	Range	65 - 120	Recovery	=	95.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	64832	45.613	ug/L	0.00
Spike Amount	50.000	Range	80 - 120	Recovery	=	91.220%
<b>Target Compounds</b>						
5) Vinyl chloride	1.374	62	86586	68.462	ug/L	98
12) 1,1-Dichloroethene	2.319	96	36836	40.109	ug/L	90
13) Acetone	2.380	43	85916	118.709	ug/L	100
19) 1,1-Dichloroethane	3.611	63	25362	13.844	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	53203	50.323	ug/L	98
27) 1,2-Dichloroethane	6.092	62	6994	3.850	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	12348	6.965	ug/L	97
34) Trichloroethene	7.123	95	9380	8.309	ug/L	95
37) 1,2-Dichloropropane	7.440	63	4517	4.462	ug/L #	92
39) cis-1,3-Dichloropropene	8.324	75	2343	1.375	ug/L #	83
61) 1,2,3-Trichloropropane	12.018	75	9388	6.942	ug/L #	65

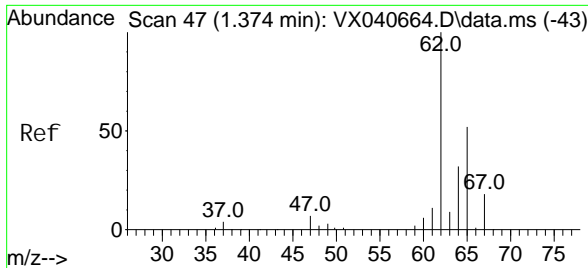
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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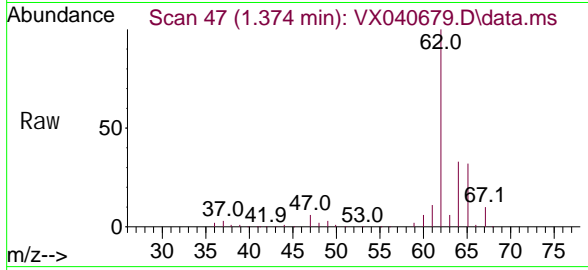
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM030724WMA.M  
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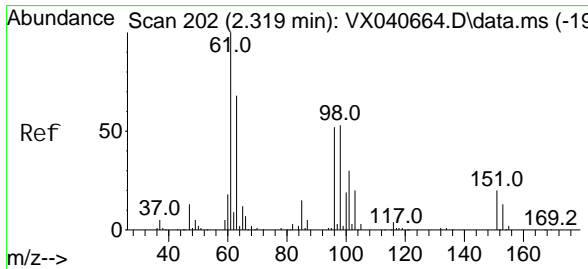
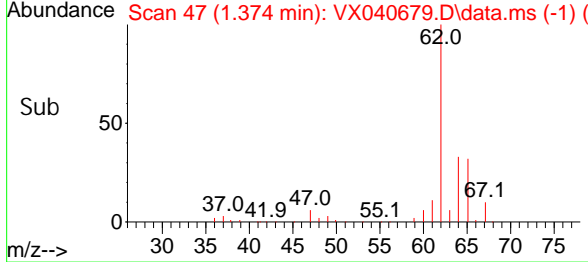
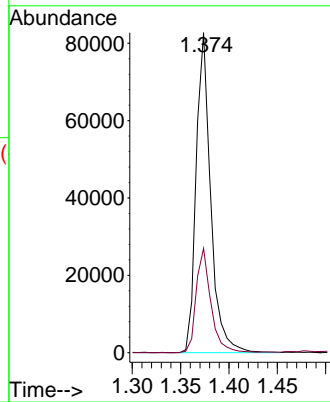


#5  
 Vinyl chloride  
 Concen: 68.462 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :

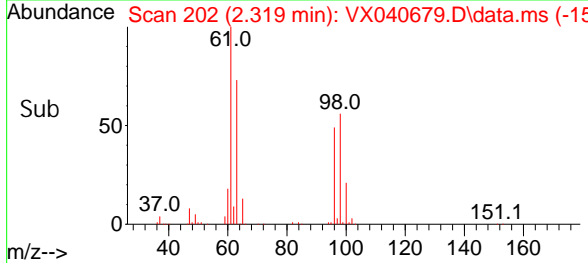
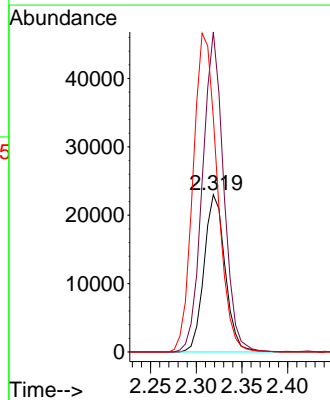
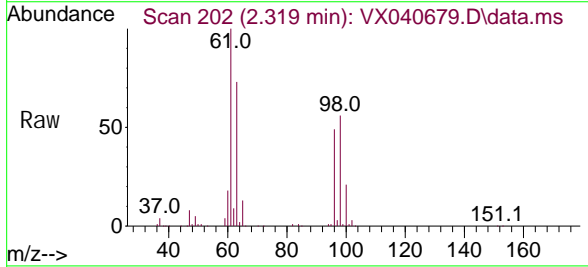


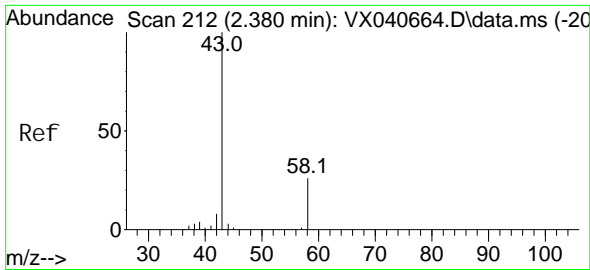
Tgt Ion: 62 Resp: 86586  
 Ion Ratio Lower Upper  
 62 100  
 64 32.6 23.8 44.2



#12  
 1,1-Dichloroethene  
 Concen: 40.109 ug/L  
 RT: 2.319 min Scan# 202  
 Delta R.T. -0.000 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

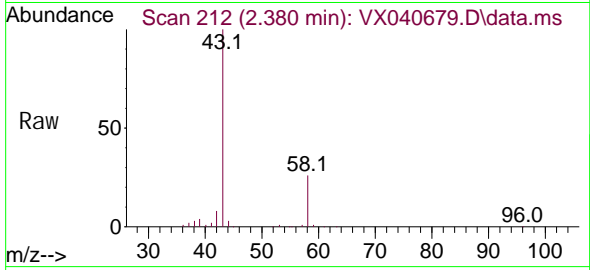
Tgt Ion: 96 Resp: 36836  
 Ion Ratio Lower Upper  
 96 100  
 61 203.4 134.8 250.4  
 63 149.1 92.5 171.9



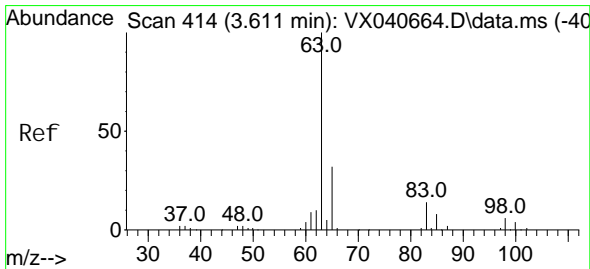
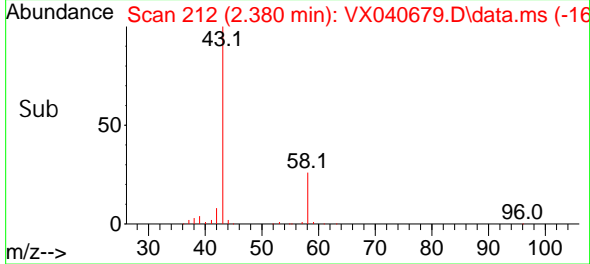
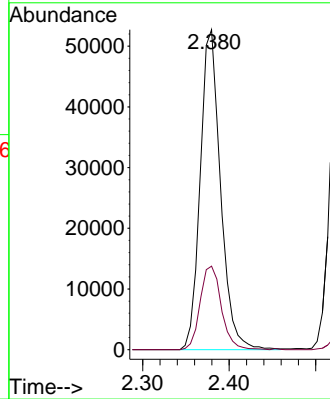


#13  
 Acetone  
 Concen: 118.709 ug/L  
 RT: 2.380 min Scan# 212  
 Delta R.T. -0.000 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

Instrument : MSVOA\_X  
 ClientSampleId :

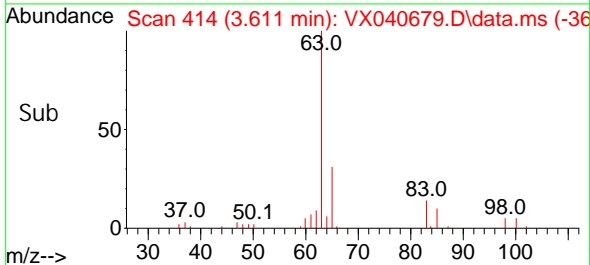
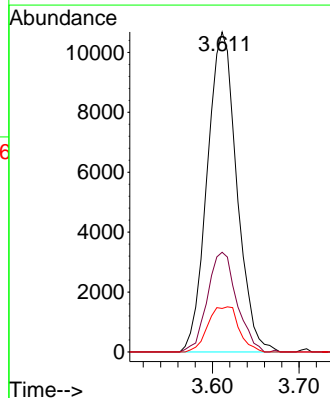
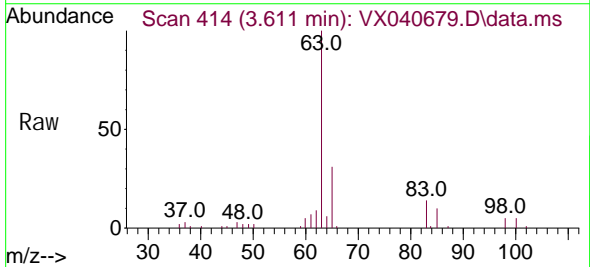


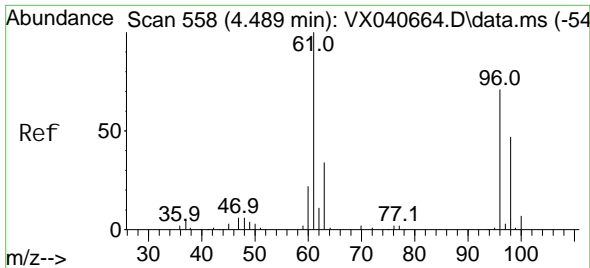
Tgt Ion: 43 Resp: 85916  
 Ion Ratio Lower Upper  
 43 100  
 58 27.2 0.0 54.6



#19  
 1,1-Di chloroethane  
 Concen: 13.844 ug/L  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

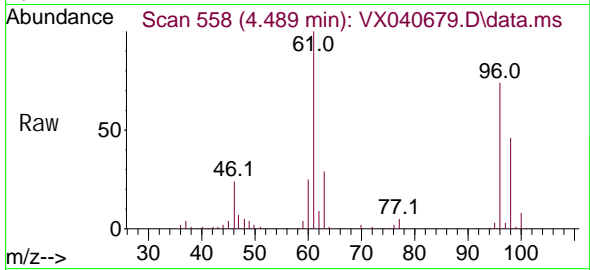
Tgt Ion: 63 Resp: 25362  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 23.1 42.9  
 83 13.6 9.9 18.5



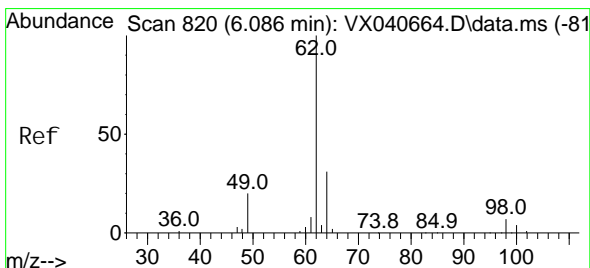
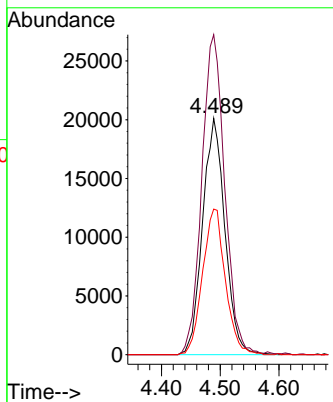
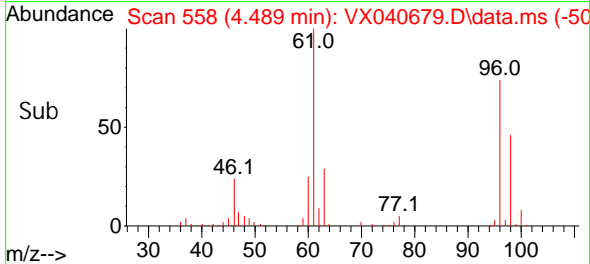


#20  
 cis-1,2-Dichloroethene  
 Concen: 50.323 ug/L  
 RT: 4.489 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

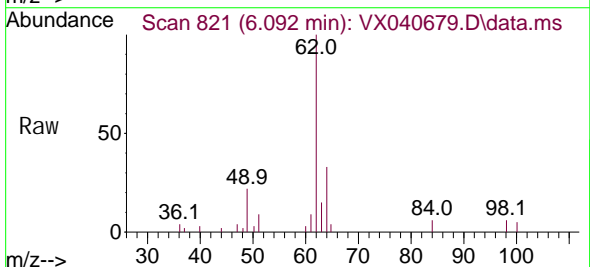
Instrument :  
 MSVOA\_X  
 ClientSampleId :



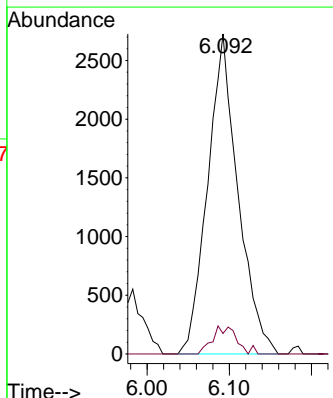
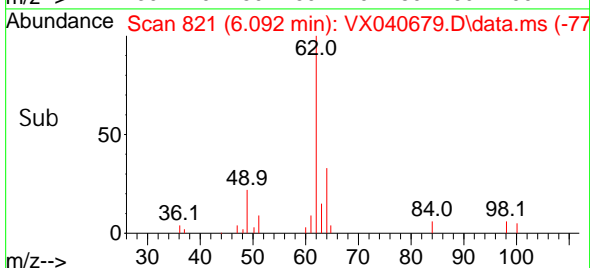
Tgt Ion: 96 Resp: 53203  
 Ion Ratio Lower Upper  
 96 100  
 61 135.4 93.0 172.8  
 98 61.6 42.4 78.6

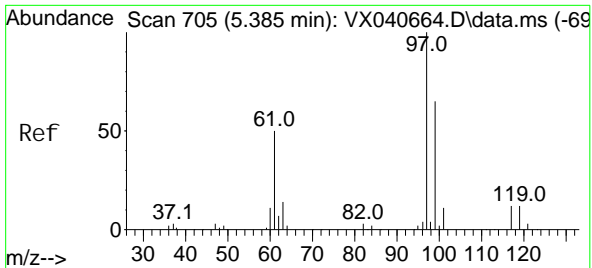


#27  
 1,2-Dichloroethane  
 Concen: 3.850 ug/L  
 RT: 6.092 min Scan# 821  
 Delta R.T. 0.006 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33



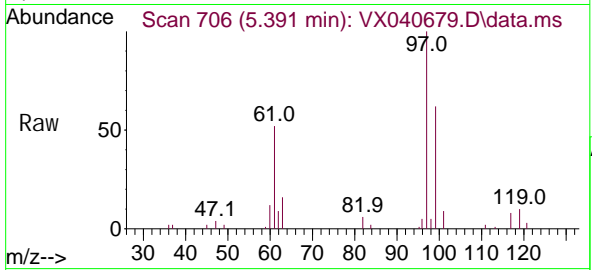
Tgt Ion: 62 Resp: 6994  
 Ion Ratio Lower Upper  
 62 100  
 98 6.4 5.8 8.6



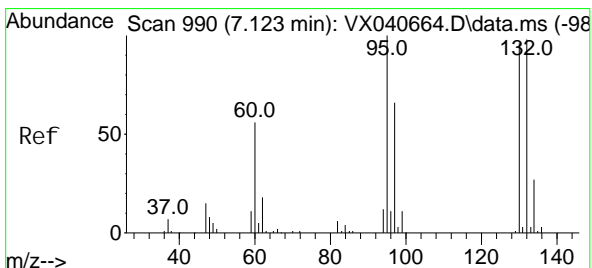
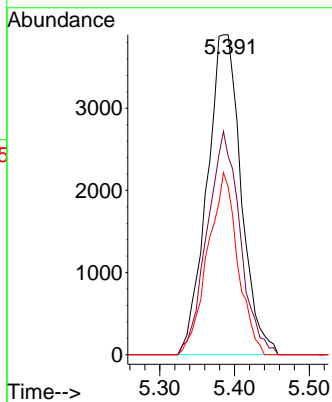
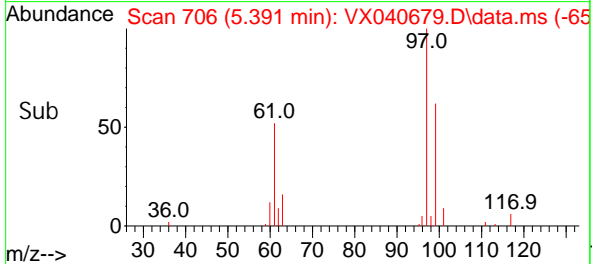


#30  
 1,1,1-Trichloroethane  
 Concen: 6.965 ug/L  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.006 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

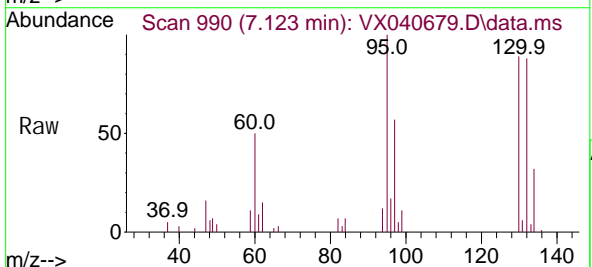
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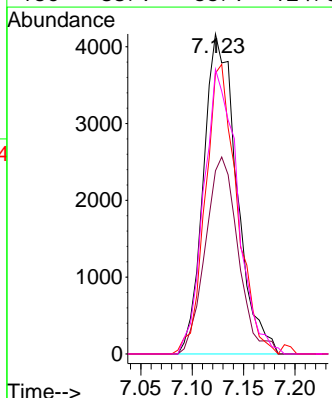
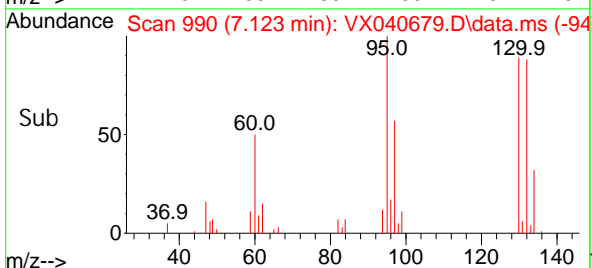
Tgt Ion: 97 Resp: 12348  
 Ion Ratio Lower Upper  
 97 100  
 99 67.2 52.1 78.1  
 61 50.1 38.3 57.5

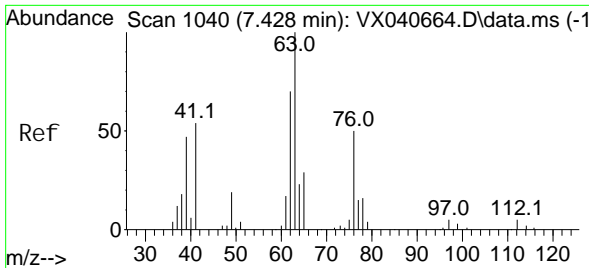


#34  
 Trichloroethene  
 Concen: 8.309 ug/L  
 RT: 7.123 min Scan# 990  
 Delta R.T. -0.000 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33



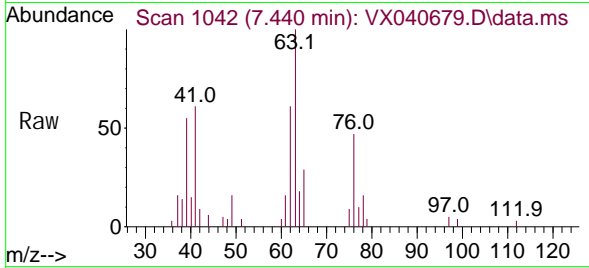
Tgt Ion: 95 Resp: 9380  
 Ion Ratio Lower Upper  
 95 100  
 97 57.2 44.7 83.1  
 132 87.7 61.5 114.3  
 130 88.9 66.9 124.3



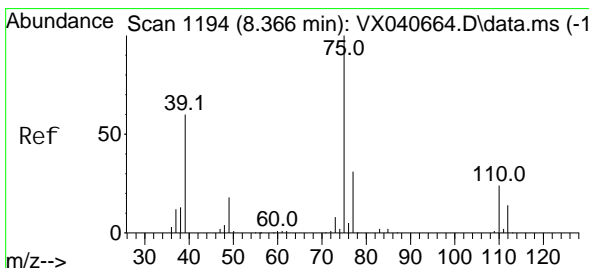
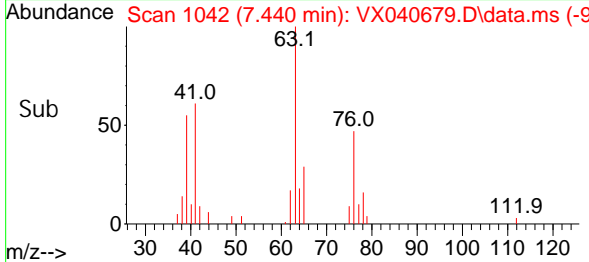
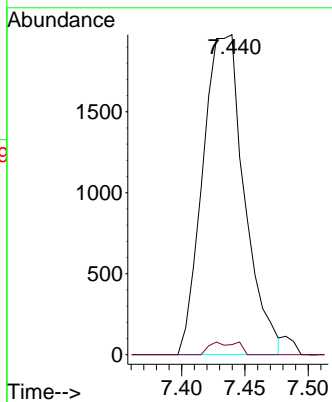


#37  
 1, 2-Di chl oropropane  
 Concen: 4.462 ug/L  
 RT: 7.440 min Scan# 1042  
 Delta R.T. 0.012 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

Instrument : MSVOA\_X  
 ClientSampleId :

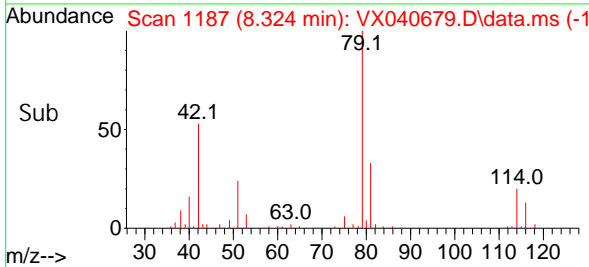
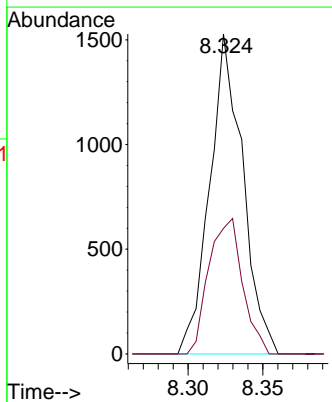
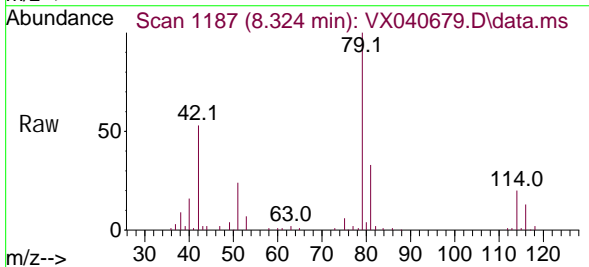


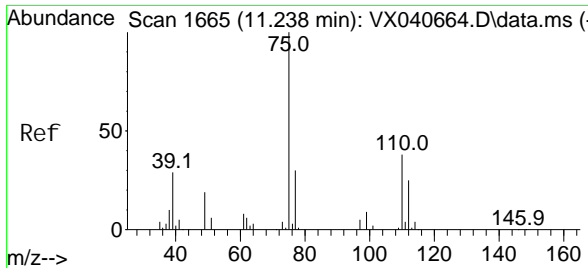
Tgt Ion: 63 Resp: 4517  
 Ion Ratio Lower Upper  
 63 100  
 112 1.2 3.1 4.7#



#39  
 ci s-1, 3-Di chl oroprene  
 Concen: 1.375 ug/L  
 RT: 8.324 min Scan# 1187  
 Delta R.T. -0.043 min  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

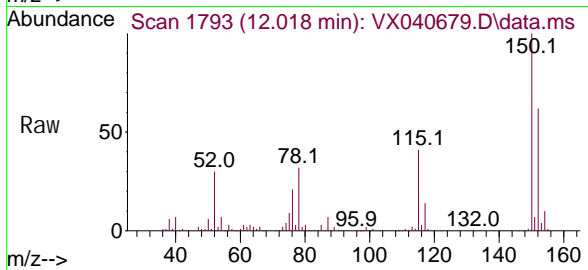
Tgt Ion: 75 Resp: 2343  
 Ion Ratio Lower Upper  
 75 100  
 77 39.3 21.1 39.3#





#61  
 1, 2, 3-Tri chl oropropane  
 Concen: 6.942 ug/L  
 RT: 12.018 min Scan# 1  
 Del ta R.T. 0.780 mi n  
 Lab File: VX040679.D  
 Acq: 16 Mar 2024 01:33

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Tgt Ion: 75 Resp: 9388

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.7	38.5
110	4.0	31.0	46.4#

