

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030436.D
 Acq On : 05 Aug 2022 17:43
 Operator : JC/MD
 Sample : N4003-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 00:59:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 00:54:06 2022
 Response via : Initial Calibration

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

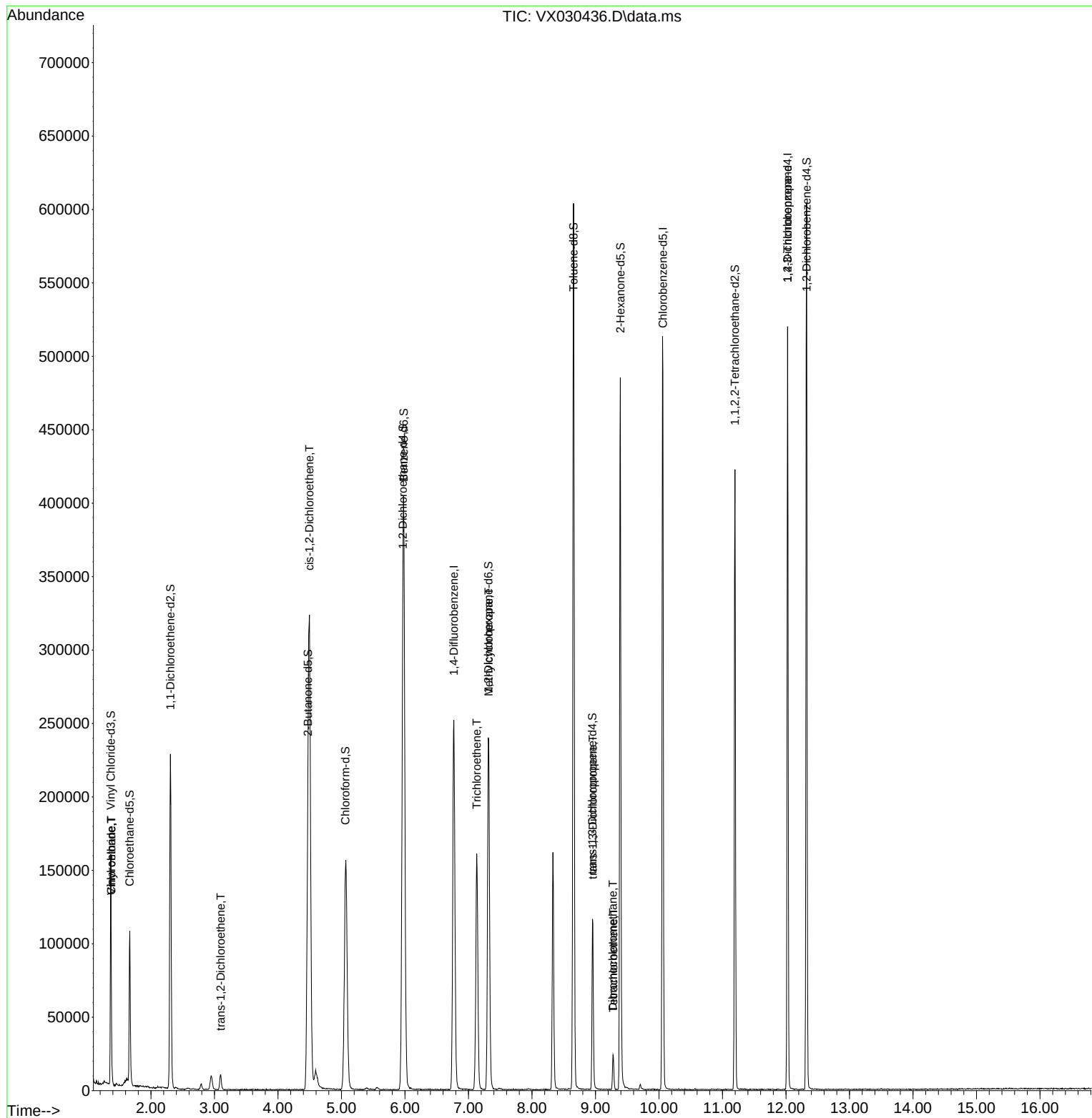
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	246757	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	219857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94933	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	86207	54.402	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 108.800%		
7) Chloroethane-d5	1.666	69	70359	62.984	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 125.960%		
11) 1,1-Dichloroethene-d2	2.307	63	131875	43.995	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 88.000%		
21) 2-Butanone-d5	4.471	46	198140	134.951	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	= 134.950%#		
24) Chloroform-d	5.062	84	189838	58.197	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 116.400%		
26) 1,2-Dichloroethane-d4	5.964	65	134005	60.501	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	= 121.000%		
32) Benzene-d6	5.983	84	381083	60.511	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	= 121.020%		
36) 1,2-Dichloropropane-d6	7.312	67	123815	60.597	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 121.200%#		
41) Toluene-d8	8.653	98	337559	56.863	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 113.720%		
43) trans-1,3-Dichloroprop...	8.952	79	52445	51.595	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 103.180%		
47) 2-Hexanone-d5	9.391	63	133054	127.754	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 127.750%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	161368	60.118	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 120.240%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	111552	60.582	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 121.160%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.374	62	15550	9.118	ug/L	96
8) Chloroethane	1.374	64	5985	6.161	ug/L	83
17) trans-1,2-Dichloroethene	3.099	96	3680	2.300	ug/L #	88
20) cis-1,2-Dichloroethene	4.495	96	160990	89.443	ug/L	91
34) Trichloroethene	7.129	95	60189	29.481	ug/L	93
35) Methylcyclohexane	7.318	83	28309	9.525	ug/L #	18
44) trans-1,3-Dichloropropene	8.958	75	2578	0.942	ug/L	96
46) Tetrachloroethene	9.281	164	3782	2.931	ug/L	87
49) Dibromochloromethane	9.275	129	4411	2.379	ug/L #	10
61) 1,2,3-Trichloropropane	12.024	75	12452	6.108	ug/L #	67

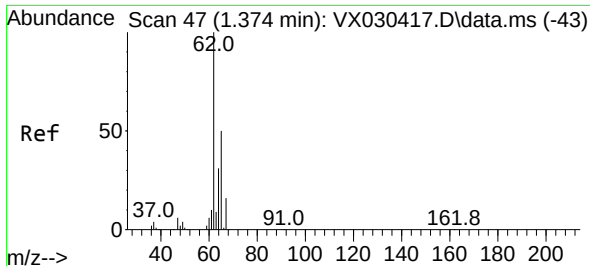
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 06 00:59:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
Response via : Initial Calibration

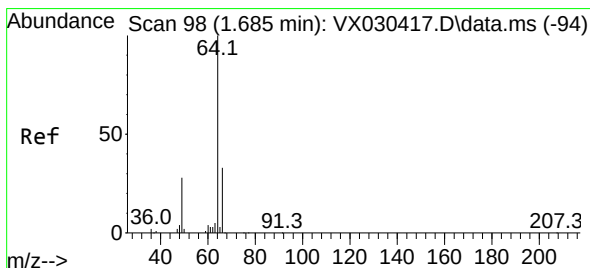
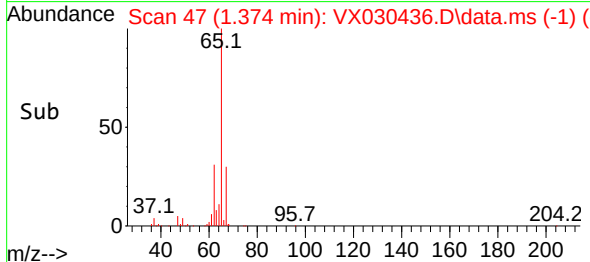
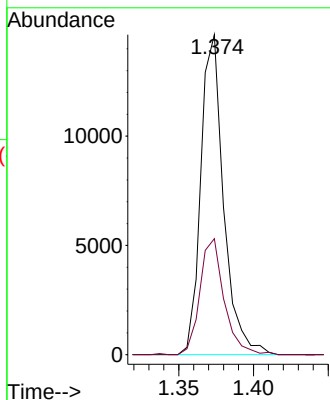
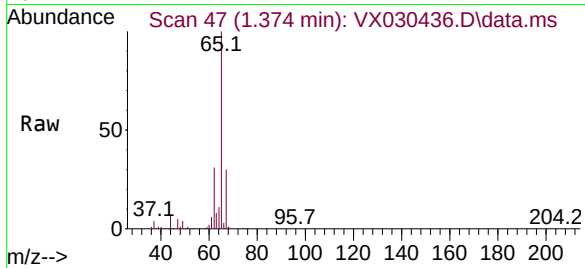




#5
 Vinyl chloride
 Concen: 9.118 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030436.D
 Acq: 05 Aug 2022 17:43

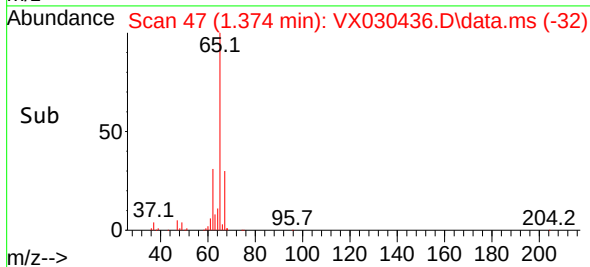
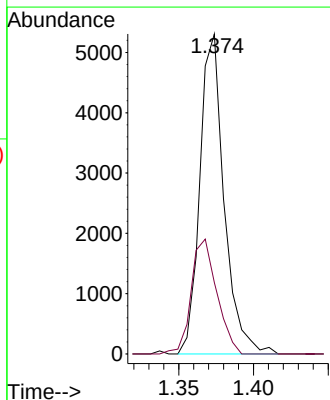
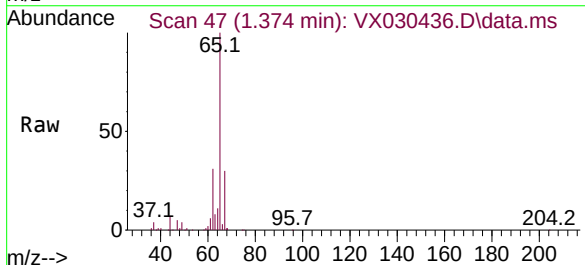
Instrument :
 MSVOA_X
 ClientSampleId :

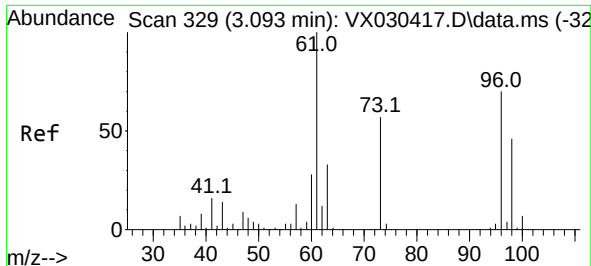
Tgt Ion: 62 Resp: 15550
 Ion Ratio Lower Upper
 62 100
 64 36.2 23.8 44.2



#8
 Chloroethane
 Concen: 6.161 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.311 min
 Lab File: VX030436.D
 Acq: 05 Aug 2022 17:43

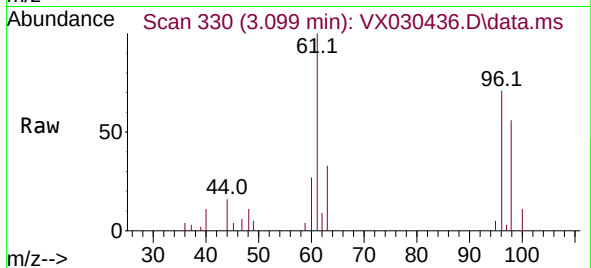
Tgt Ion: 64 Resp: 5985
 Ion Ratio Lower Upper
 64 100
 66 22.3 22.1 41.1



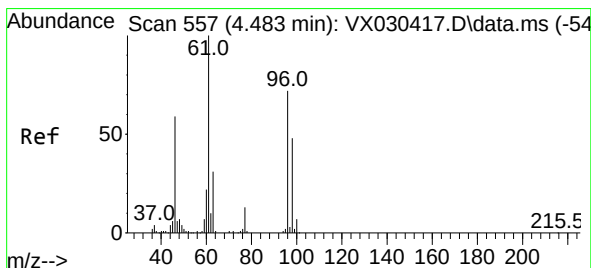
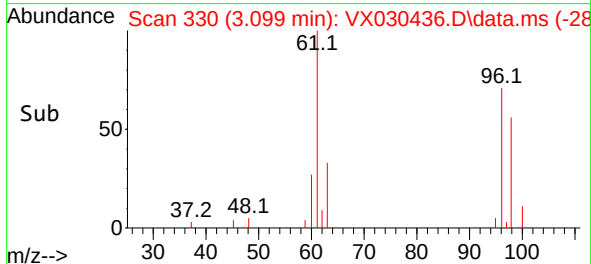
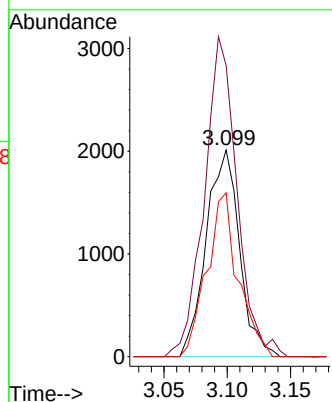


#17
trans-1,2-Dichloroethene
Concen: 2.300 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :

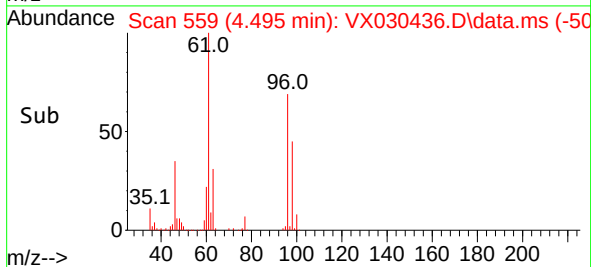
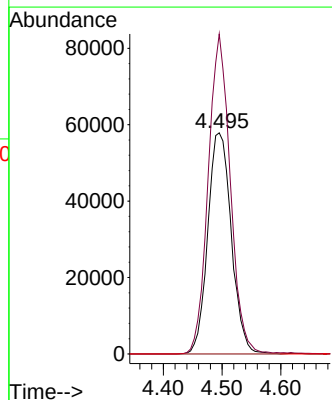
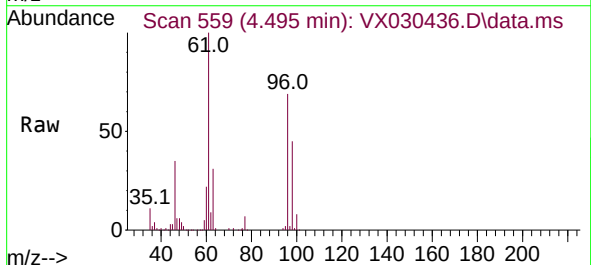


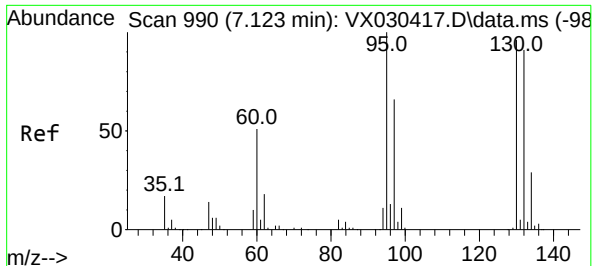
Tgt Ion: 96 Resp: 3680
Ion Ratio Lower Upper
96 100
61 140.9 103.7 192.5
98 79.3 41.5 77.1#



#20
cis-1,2-Dichloroethene
Concen: 89.443 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

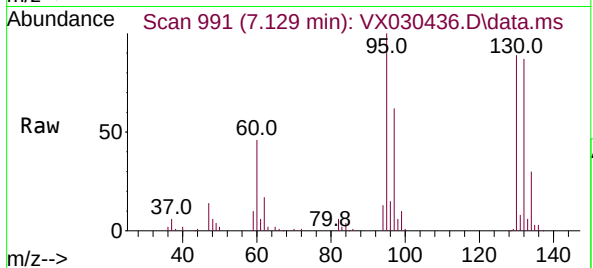
Tgt Ion: 96 Resp: 160990
Ion Ratio Lower Upper
96 100
61 144.7 94.0 174.6
68 0.0 0.0 0.0





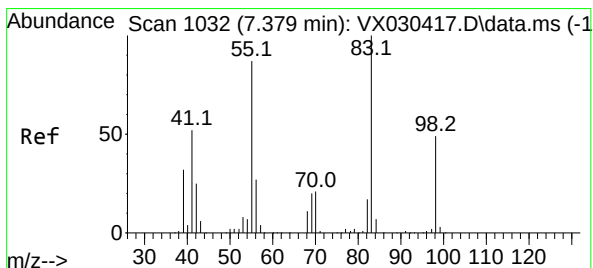
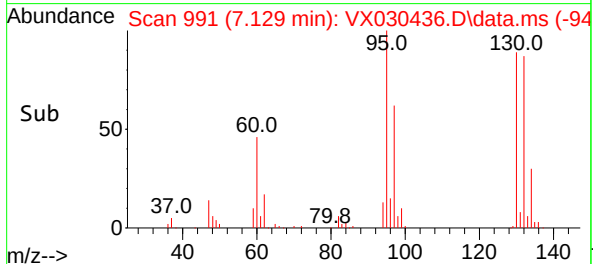
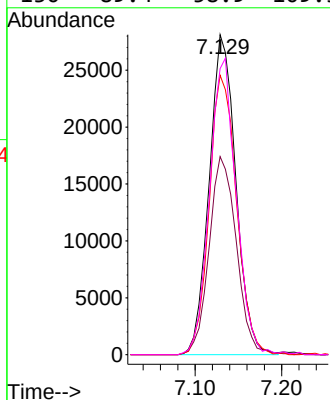
#34
Trichloroethene
Concen: 29.481 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 60189

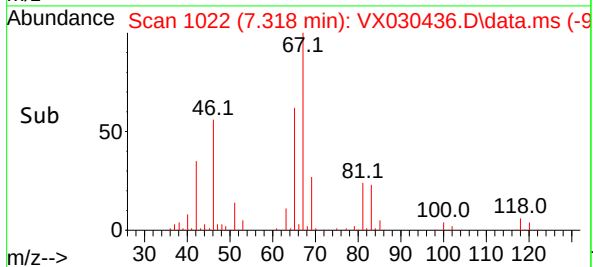
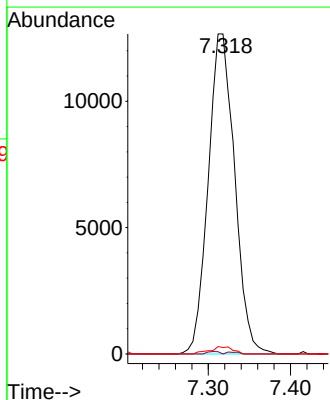
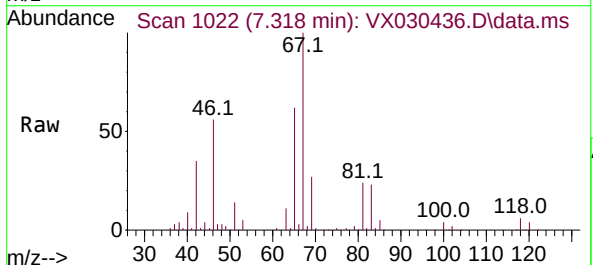
Ion	Ratio	Lower	Upper
95	100		
97	61.9	40.2	74.6
132	87.3	55.3	102.7
130	89.4	58.9	109.5

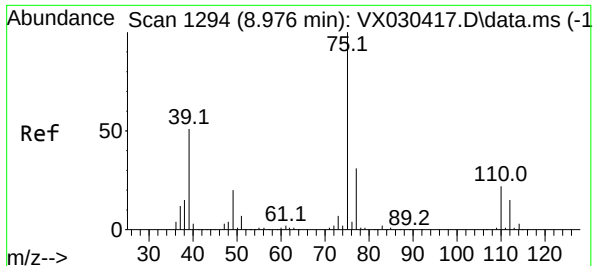


#35
Methylcyclohexane
Concen: 9.525 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.061 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

Tgt Ion: 83 Resp: 28309

Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.0	96.0#
98	2.0	36.7	55.1#

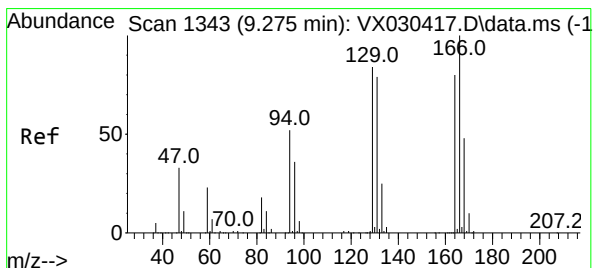
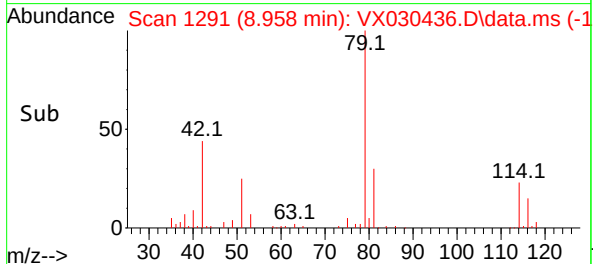
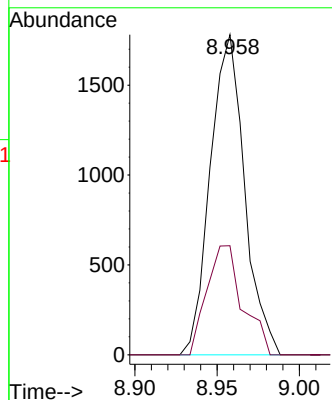
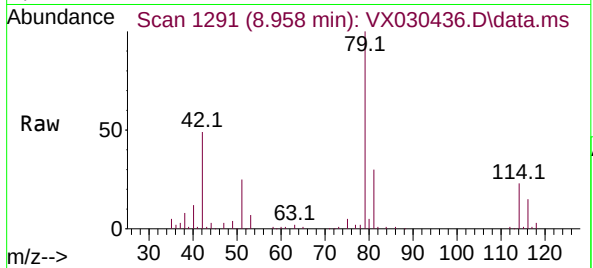




#44
trans-1,3-Dichloropropene
Concen: 0.942 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

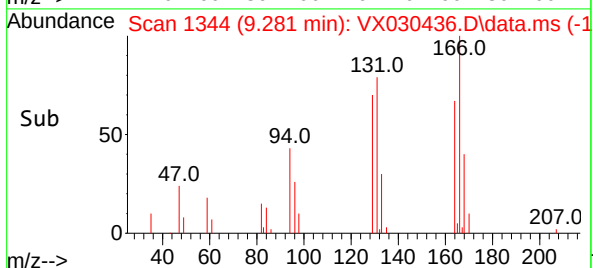
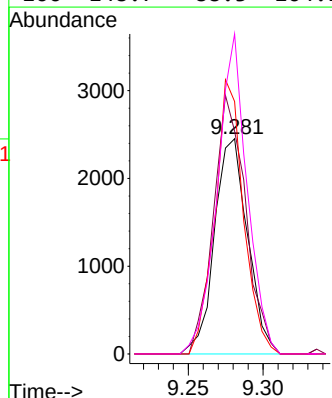
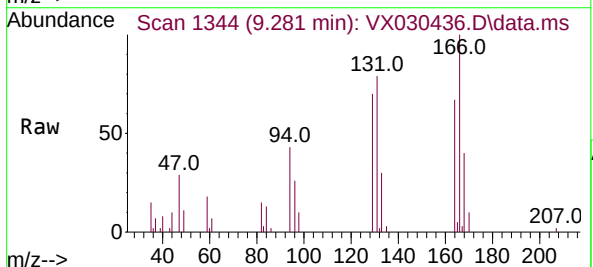
Instrument :
MSVOA_X
ClientSampleId :

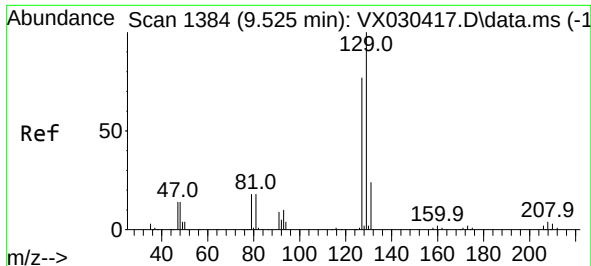
Tgt Ion: 75 Resp: 2578
Ion Ratio Lower Upper
75 100
77 34.1 22.5 41.7



#46
Tetrachloroethene
Concen: 2.931 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030436.D
Acq: 05 Aug 2022 17:43

Tgt Ion: 164 Resp: 3782
Ion Ratio Lower Upper
164 100
129 103.5 72.7 135.1
131 117.3 69.9 129.9
166 148.7 88.3 164.1





#49

Dibromochloromethane

Concen: 2.379 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX030436.D

Acq: 05 Aug 2022 17:43

Instrument :

MSVOA_X

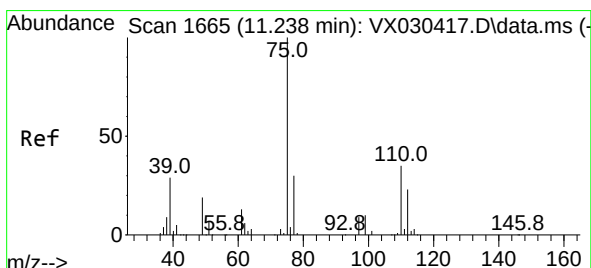
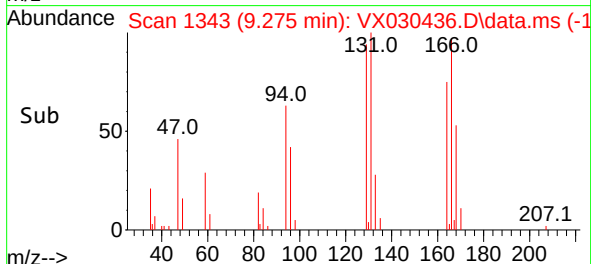
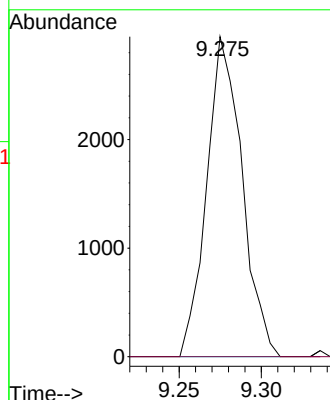
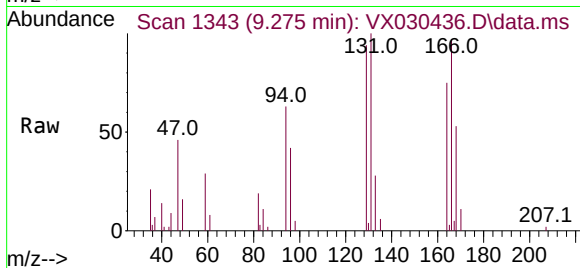
ClientSampleId :

Tgt Ion:129 Resp: 4411

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.2#



#61

1,2,3-Trichloropropane

Concen: 6.108 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.787 min

Lab File: VX030436.D

Acq: 05 Aug 2022 17:43

Tgt Ion: 75 Resp: 12452

Ion Ratio Lower Upper

75 100

77 34.2 26.1 39.1

110 2.4 30.5 45.7#

